

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115548.D
 Acq On : 13 Jul 2019 1:13
 Operator : HP/JU
 Sample : K3768-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
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 7/15/2019 2:57:44 PM

Quant Time: Jul 15 04:00:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156633	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	603933	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273778	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	453682	20.00	ng	0.00
76) Chrysene-d12	14.04	240	318986	20.00	ng	0.00
87) Perylene-d12	15.52	264	371222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	924780	96.57	ng	0.00
7) Phenol-d6	6.52	99	1204359	99.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	756446	72.83	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	279985	87.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1338372	85.56	ng	0.00
79) Terphenyl-d14	12.99	244	1105193	63.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	127120	26.613	ng	99
3) Pyridine	3.53	79	19541	1.508	ng	95
4) n-Nitrosodimethylamine	3.41	42	139456	29.663	ng	99
6) Aniline	6.55	93	184010	10.882	ng	97
8) 2-Chlorophenol	6.67	128	347948	31.604	ng	100
9) Benzaldehyde	6.43	77	209439	27.583	ng	99
10) Phenol	6.53	94	431943	30.623	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	334321	31.131	ng	99
12) 1,3-Dichlorobenzene	6.83	146	380188	30.714	ng	99
13) 1,4-Dichlorobenzene	6.90	146	386964	31.332	ng	97
14) 1,2-Dichlorobenzene	7.06	146	362670	32.123	ng	97
15) Benzyl Alcohol	7.02	79	312366	32.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	434575	30.737	ng	97
17) 2-Methylphenol	7.13	107	294972	31.089	ng	99
18) Hexachloroethane	7.40	117	130806	28.535	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	245322	30.957	ng	97
20) 3+4-Methylphenols	7.28	107	358293	31.792	ng	89
22) Acetophenone	7.29	105	484862	35.537	ng	# 90
24) Nitrobenzene	7.46	77	376821	33.637	ng	98
25) Isophorone	7.70	82	679775	32.708	ng	99
26) 2-Nitrophenol	7.78	139	182522	31.654	ng	95
27) 2,4-Dimethylphenol	7.82	122	301322	34.926	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	422499	33.137	ng	99
29) 2,4-Dichlorophenol	8.02	162	297735	33.182	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	329963	32.533	ng	98
31) Naphthalene	8.19	128	1013699	34.658	ng	97
32) Benzoic acid	7.86	122	14787	2.088	ng	97
33) 4-Chloroaniline	8.23	127	212522	16.404	ng	98
34) Hexachlorobutadiene	8.31	225	187201	32.186	ng	99
35) Caprolactam	8.58	113	68809m	24.817	ng	
36) 4-Chloro-3-methylphenol	8.71	107	299307	32.158	ng	98
37) 2-Methylnaphthalene	8.88	142	664755	34.287	ng	97
38) 1-Methylnaphthalene	8.98	142	621363	33.741	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	303655	36.832	ng	98

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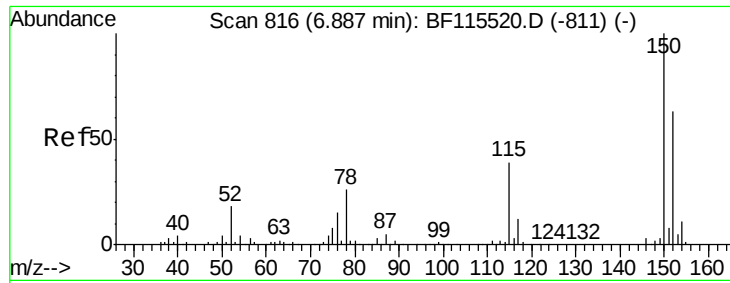
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	136433	29.010	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	197344	32.732	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	205729	33.320	ng	99
46) 1,1'-Biphenyl	9.35	154	800615	37.405	ng	98
47) 2-Chloronaphthalene	9.37	162	612730	34.381	ng	97
48) 2-Nitroaniline	9.46	65	177765	32.227	ng	98
49) Acenaphthylene	9.79	152	927022	35.104	ng	97
50) Dimethylphthalate	9.64	163	1022781	49.654	ng	99
51) 2,6-Dinitrotoluene	9.70	165	158753	33.914	ng	98
52) Acenaphthene	9.96	154	552734	32.420	ng	99
53) 3-Nitroaniline	9.86	138	142298	26.601	ng	98
54) 2,4-Dinitrophenol	9.97	184	18604	7.741	ng	# 15
55) Dibenzofuran	10.13	168	816694	33.731	ng	98
56) 4-Nitrophenol	10.02	139	218624	53.596	ng	98
57) 2,4-Dinitrotoluene	10.10	165	194931	32.143	ng	# 84
58) Fluorene	10.47	166	593127	34.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	151015	29.258	ng	99
60) Diethylphthalate	10.34	149	677320	35.095	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	313201	32.630	ng	98
62) 4-Nitroaniline	10.47	138	147804	28.805	ng	99
63) Azobenzene	10.62	77	628862	33.593	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	29137	10.512	ng	94
66) n-Nitrosodiphenylamine	10.57	169	528400	37.442	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	183336	35.362	ng	99
68) Hexachlorobenzene	11.02	284	193717	32.719	ng	95
69) Atrazine	11.10	200	169057	36.516	ng	99
70) Pentachlorophenol	11.21	266	189806	52.415	ng	99
71) Phenanthrene	11.43	178	807746	34.734	ng	96
72) Anthracene	11.48	178	820848	34.154	ng	99
73) Carbazole	11.63	167	706466	33.521	ng	98
74) Di-n-butylphthalate	11.97	149	940740	36.238	ng	100
75) Fluoranthene	12.62	202	753902	30.678	ng	98
77) Benzidine	12.73	184	3071	0.272	ng	# 76
78) Pyrene	12.84	202	756912	28.007	ng	96
80) Butylbenzylphthalate	13.46	149	329285	28.581	ng	99
81) Benzo(a)anthracene	14.03	228	683480	32.524	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	222710	29.811	ng	98
83) Chrysene	14.07	228	703572	33.351	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	460962	32.301	ng	99
85) Di-n-octyl phthalate	14.64	149	827430	36.441	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	614888	34.308	ng	99
88) Benzo(b)fluoranthene	15.09	252	733366	30.680	ng	98
89) Benzo(k)fluoranthene	15.12	252	717979	33.690	ng	97
90) Benzo(a)pyrene	15.45	252	684557	33.320	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	527034	29.220	ng	100
92) Benzo(g,h,i)perylene	17.44	276	470971	26.182	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



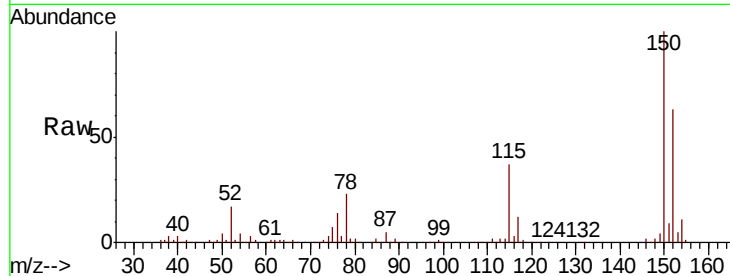
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.7	194.5
115	59.0	48.2	72.4

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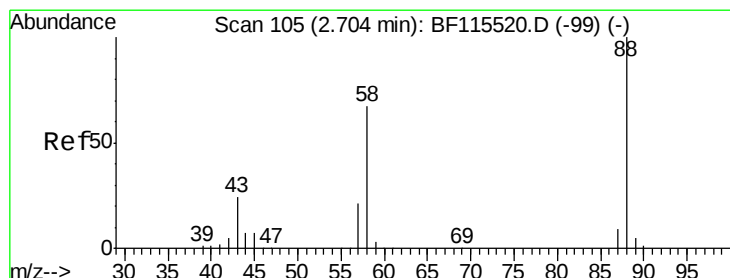
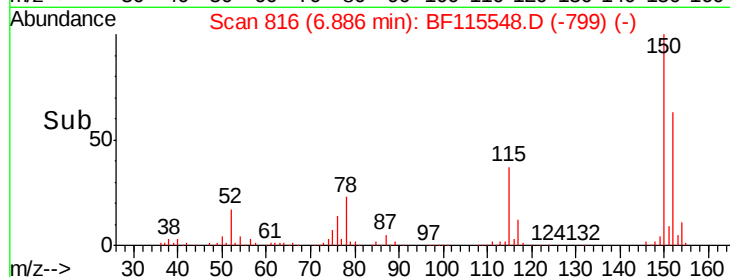
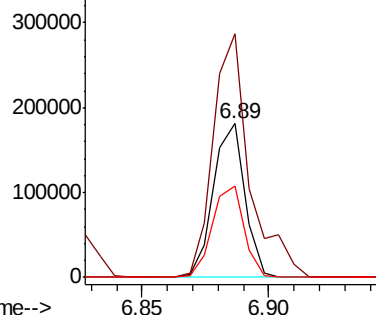


Abundance

Ion 152.00 (151.70 to 152.70): E

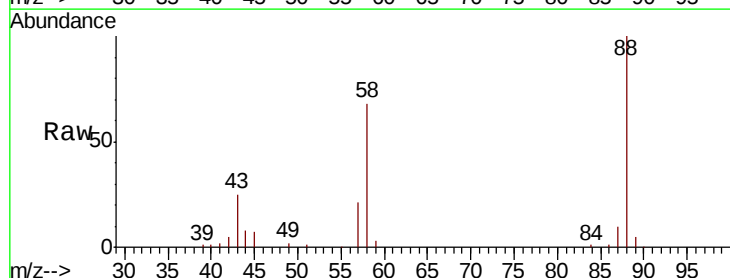
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 26.613 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	52.6	79.0
43	24.2	19.1	28.7

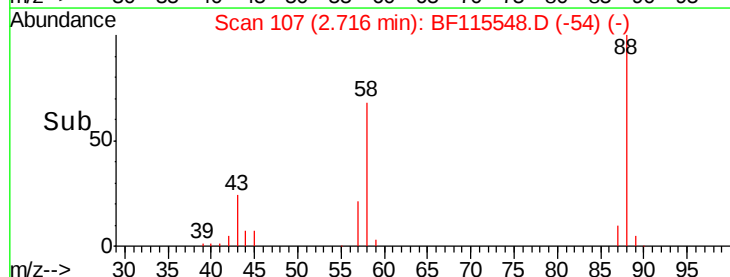
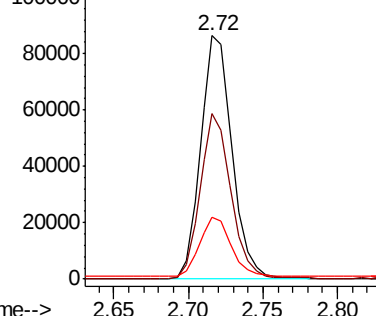


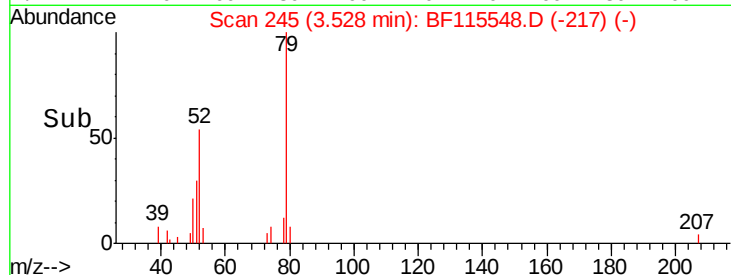
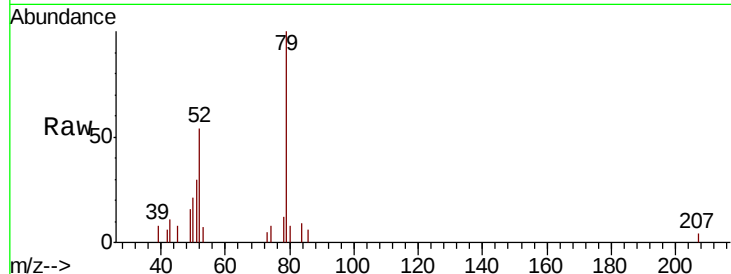
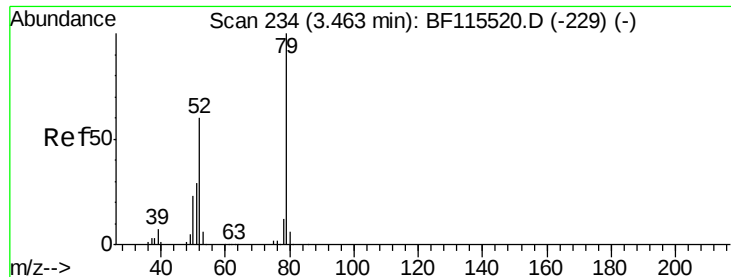
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





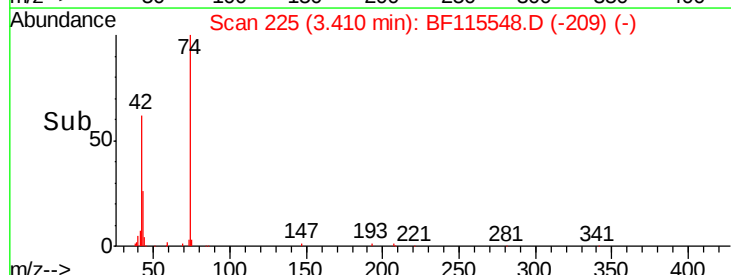
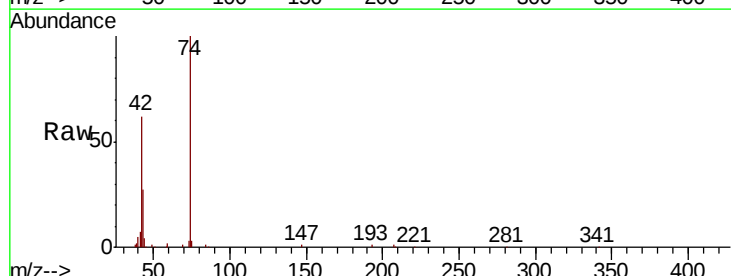
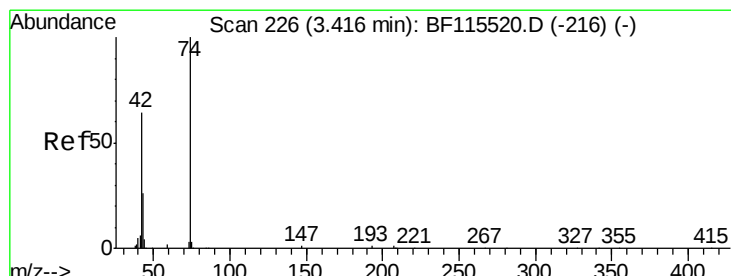
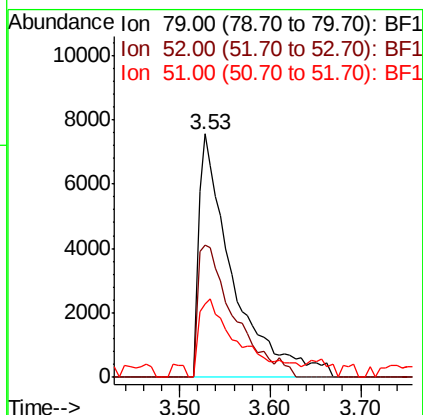
#3
 Pvridine
 Concen: 1.508 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.06 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		19541		
52	54.4		47.8	71.6	
51	30.0		23.8	35.8	

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

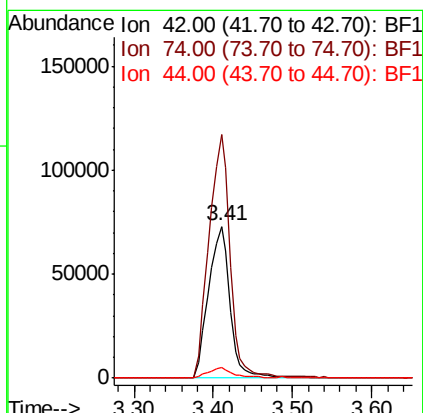
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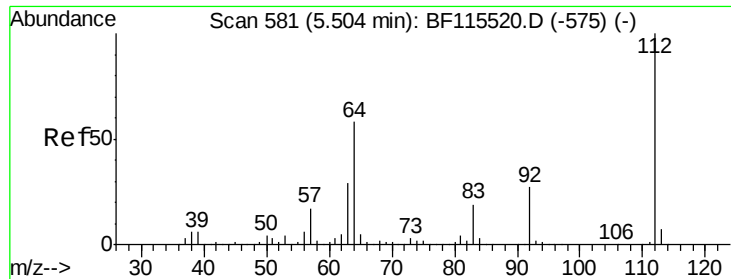
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#4
 n-Nitrosodimethylamine
 Concen: 29.663 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		139456		
74	160.3		127.5	191.3	
44	6.7		5.0	7.6	





#5

2-Fluorophenol

Concen: 96.574 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

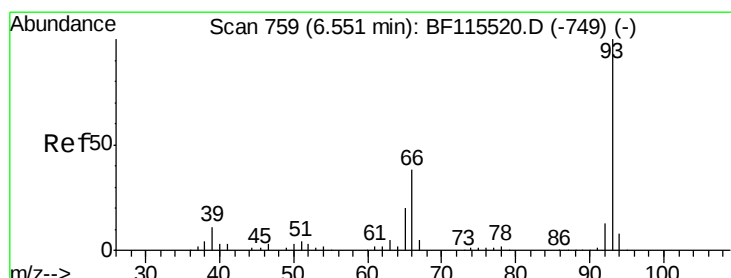
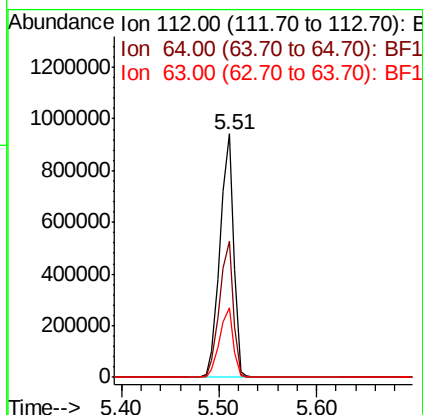
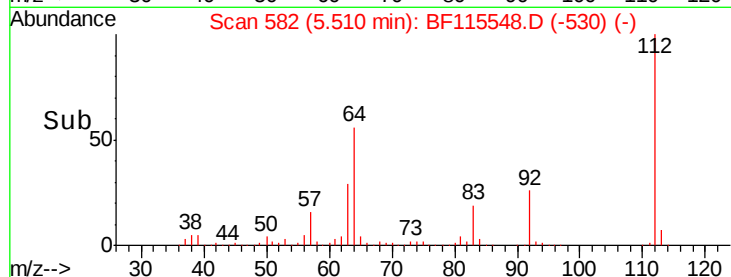
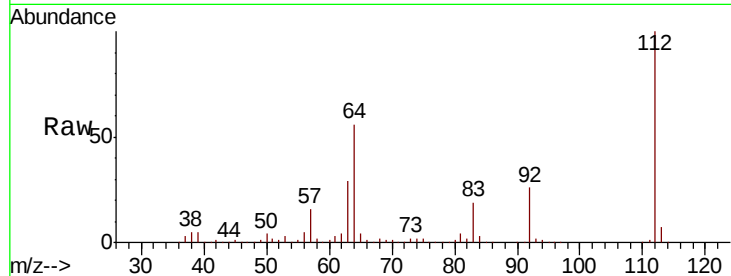
ClientSampleId :

TP-1MSD

Tot Ion:	112	Resp:	924780
Ion Ratio	Lower	Upper	
112	100		
64	55.6	46.8	70.2
63	28.8	24.1	36.1

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#6

Aniline

Concen: 10.882 ng

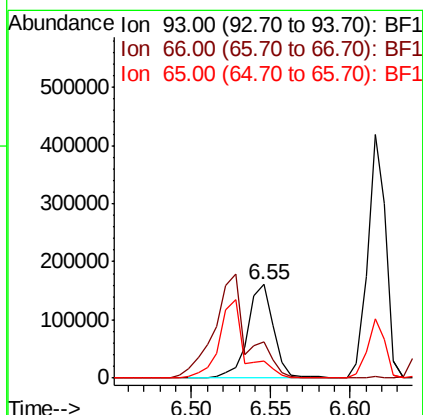
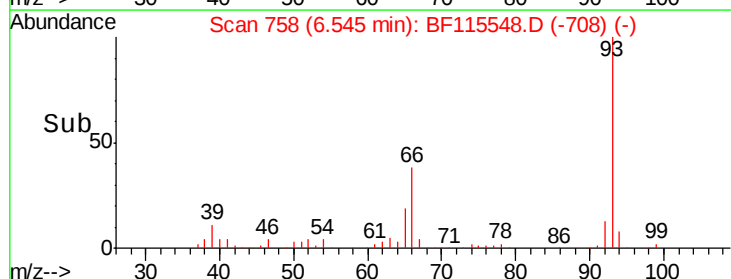
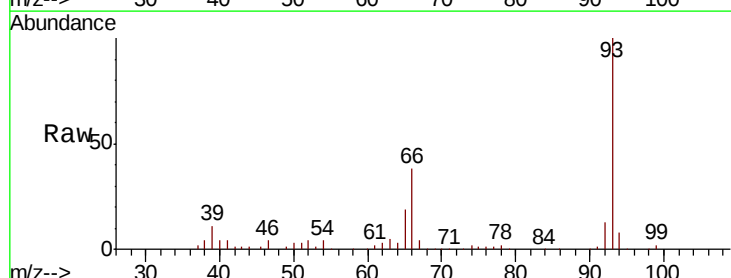
RT: 6.55 min Scan# 758

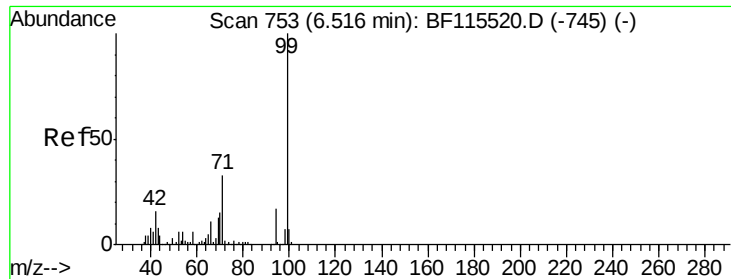
Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:	93	Resp:	184010
Ion Ratio	Lower	Upper	
93	100		
66	38.2	31.7	47.5
65	18.6	16.2	24.2





#7

Phenol-d6

Concen: 99.119 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion: 99 Resp: 1204359

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

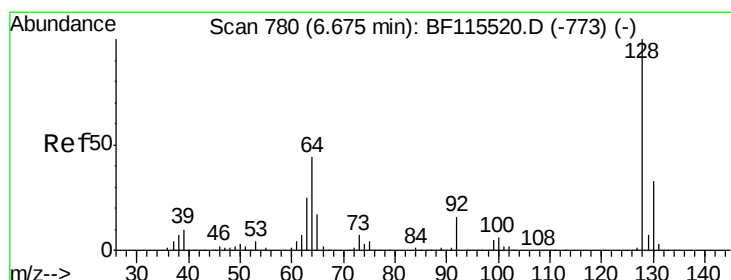
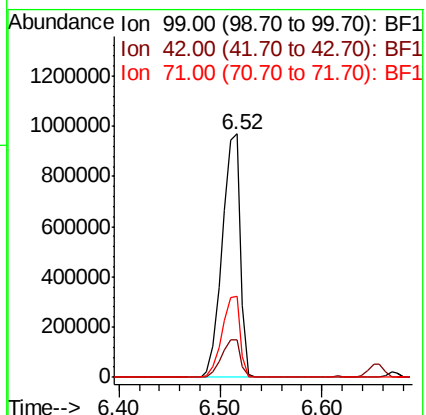
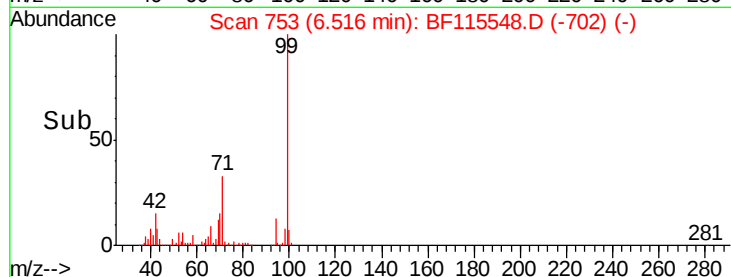
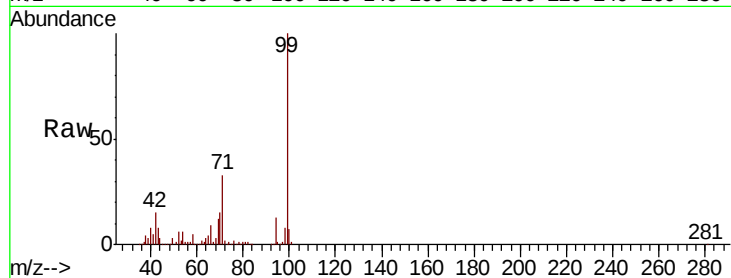
71 33.1 28.5 42.7

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#8

2-Chlorophenol

Concen: 31.604 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

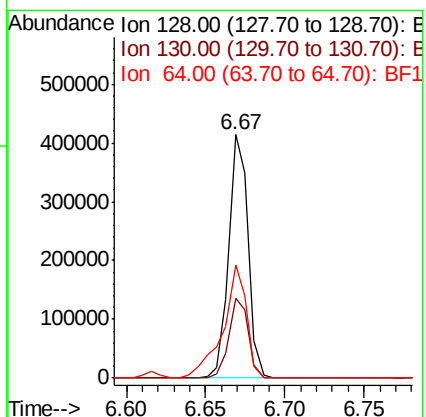
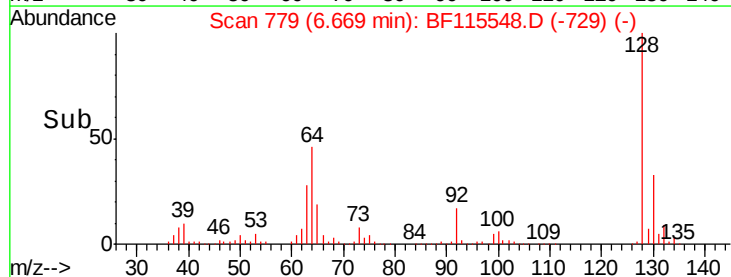
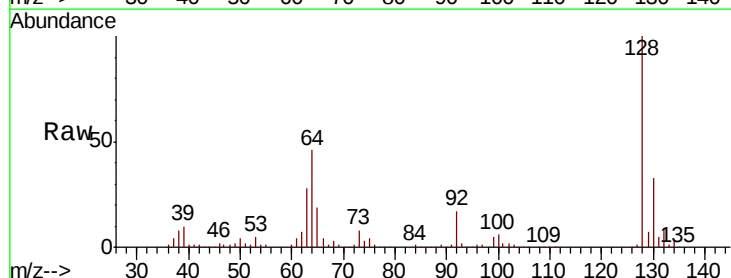
Tgt Ion: 128 Resp: 347948

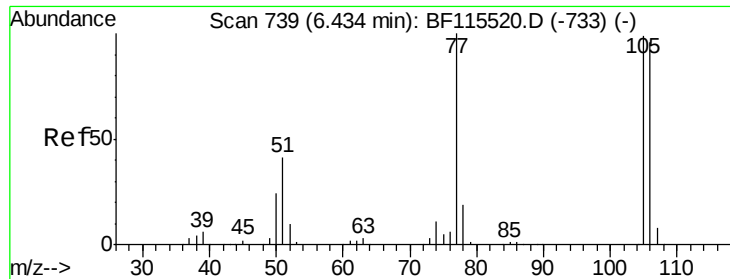
Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

64 46.4 26.8 66.8





#9

Benzaldehyde

Concen: 27.583 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

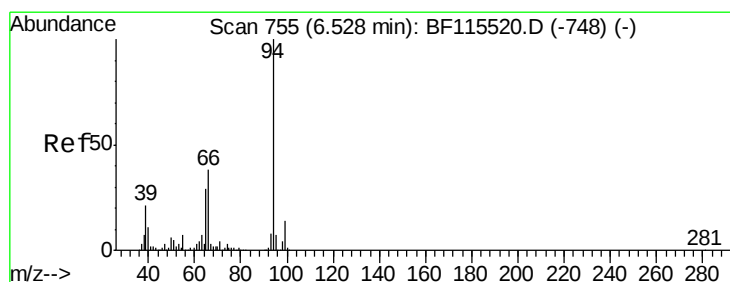
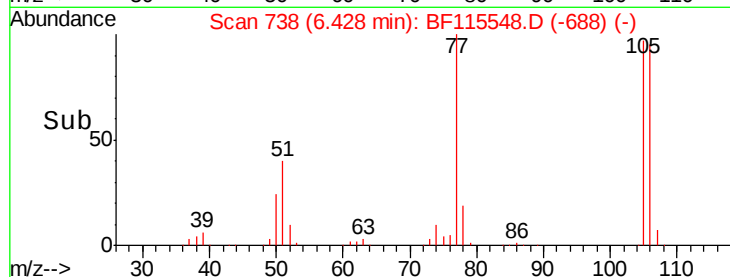
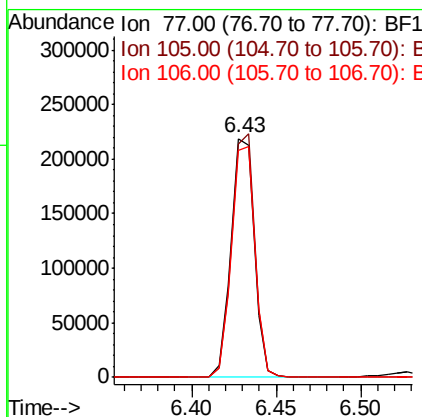
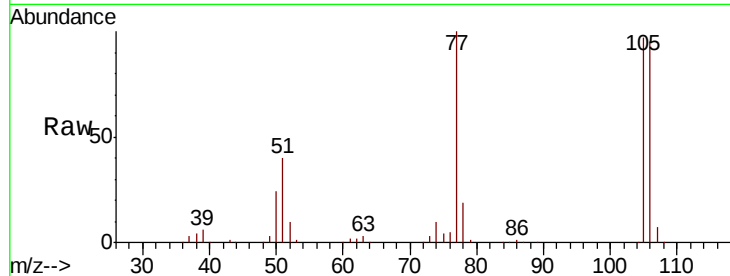
ClientSampleId :

TP-1MSD

Tot Ion:	77	Resp:	209439
Ion	Ratio	Lower	Upper
77	100		
105	97.4	78.8	118.8
106	94.8	75.6	115.6

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#10

Phenol

Concen: 30.623 ng

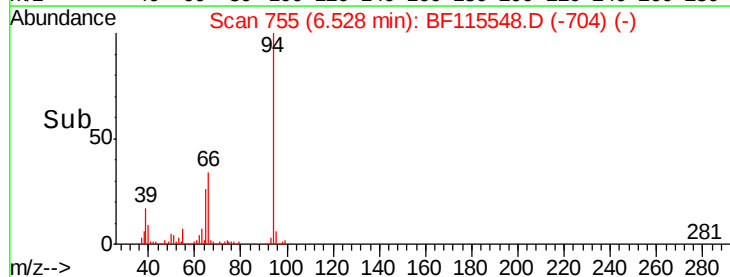
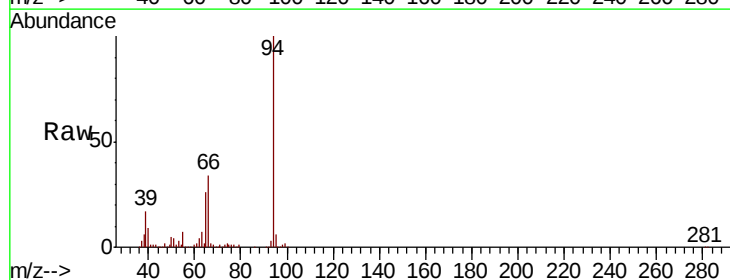
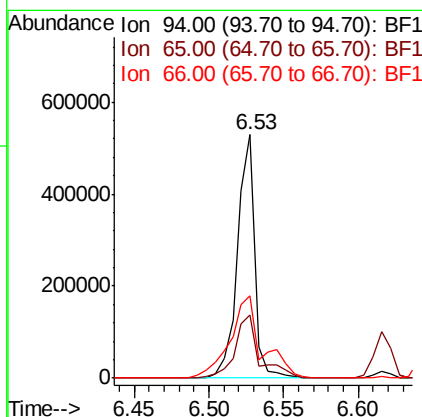
RT: 6.53 min Scan# 755

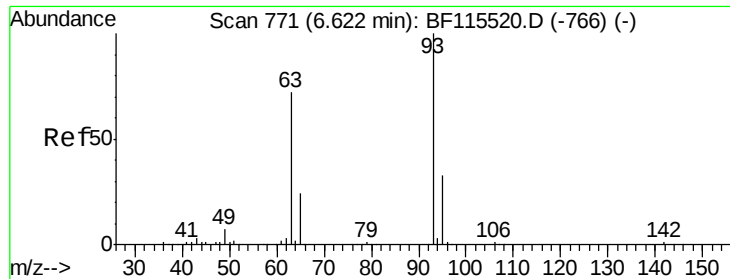
Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:	94	Resp:	431943
Ion	Ratio	Lower	Upper
94	100		
65	25.7	14.5	54.5
66	33.7	31.3	71.3





#11

bis(2-Chloroethyl)ether

Concen: 31.131 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

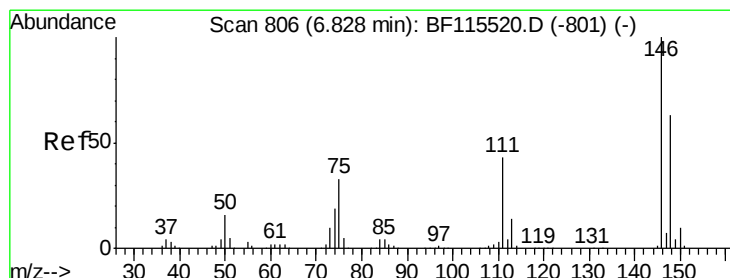
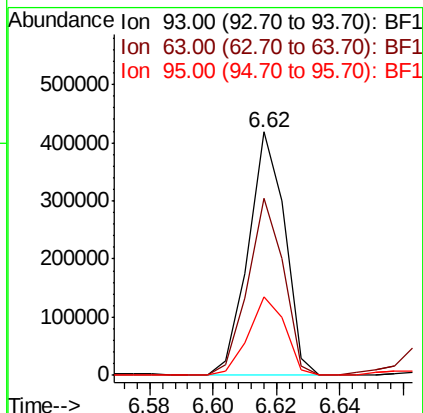
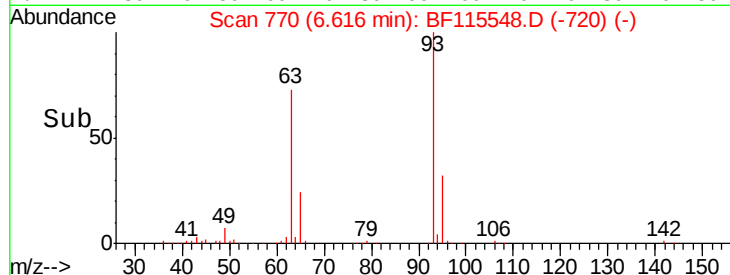
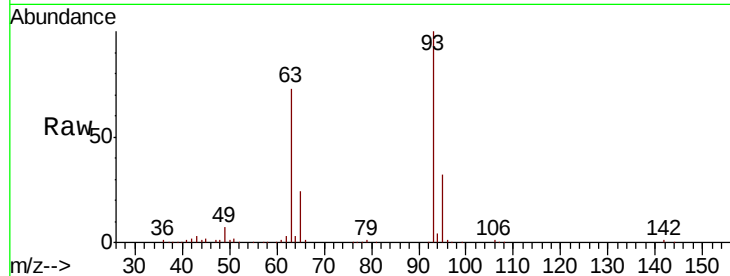
ClientSampleId :

TP-1MSD

Tot Ion:	93	Resp:	334321
Ion Ratio	Lower	Upper	
93	100		
63	73.0	52.2	92.2
95	32.2	12.9	52.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 30.714 ng

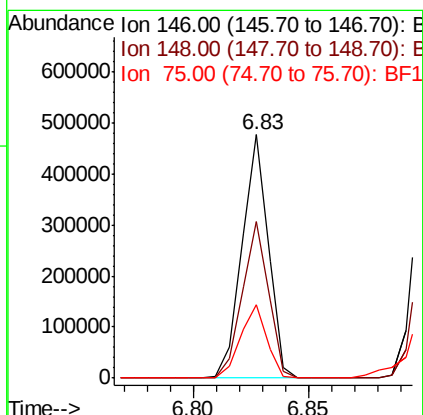
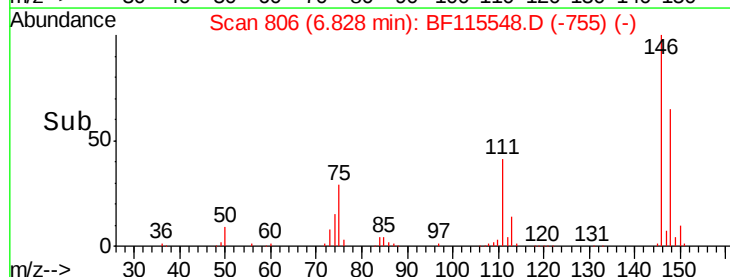
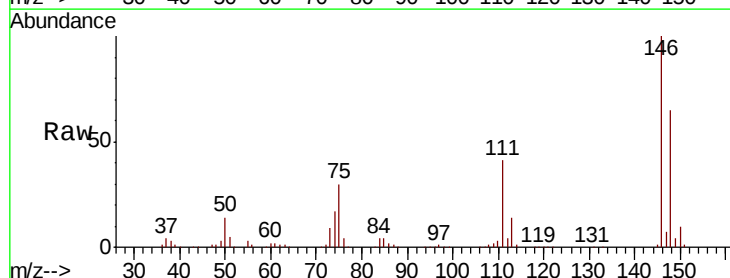
RT: 6.83 min Scan# 806

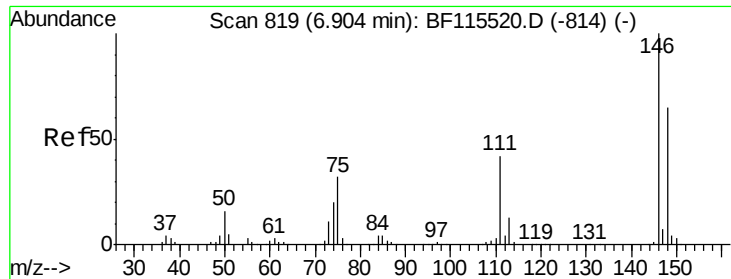
Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:	146	Resp:	380188
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.1	78.1
75	30.1	24.9	37.3





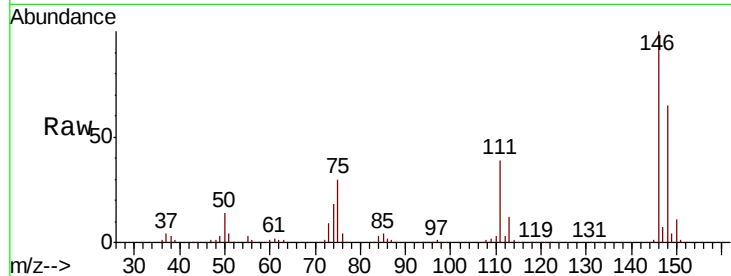
#13
1,4-Dichlorobenzene
Concen: 31.332 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	38.9	35.5	53.3

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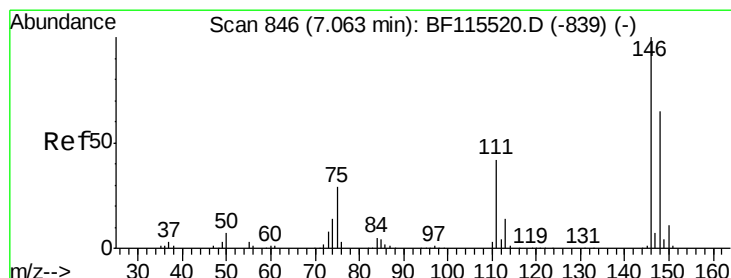
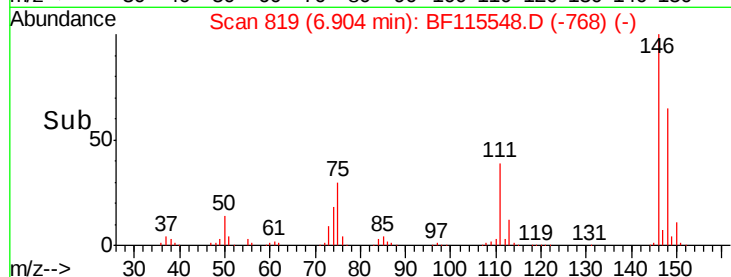
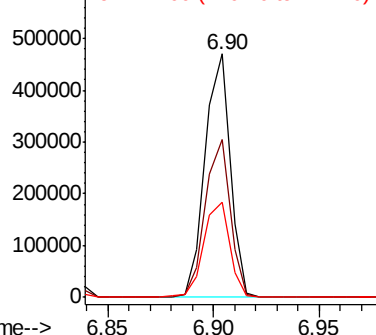


Abundance

Ion 146.00 (145.70 to 146.70): E

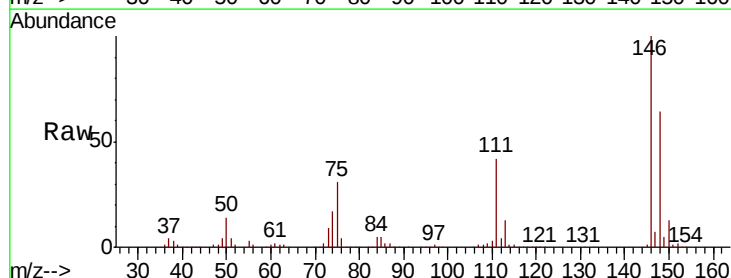
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 32.123 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	42.5	37.6	56.4

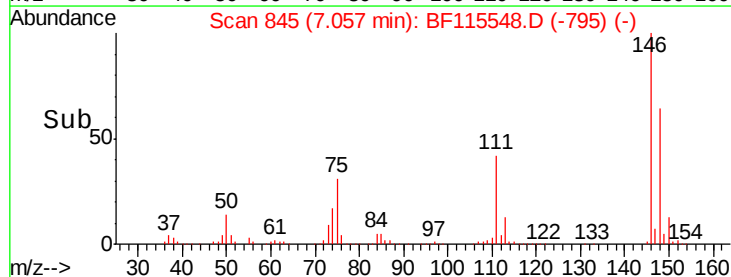
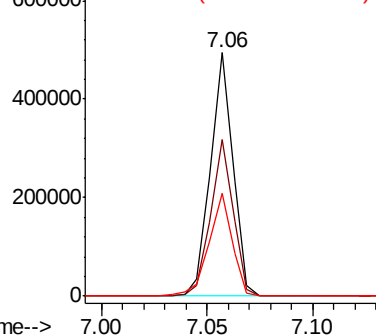


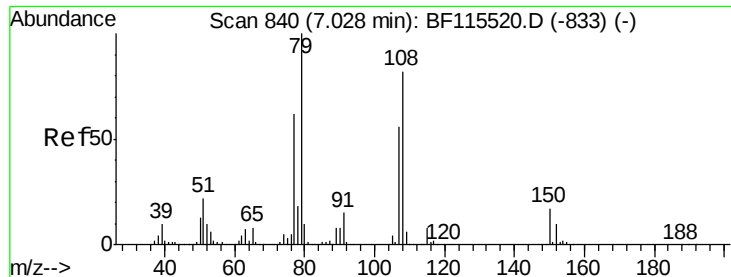
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.407 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

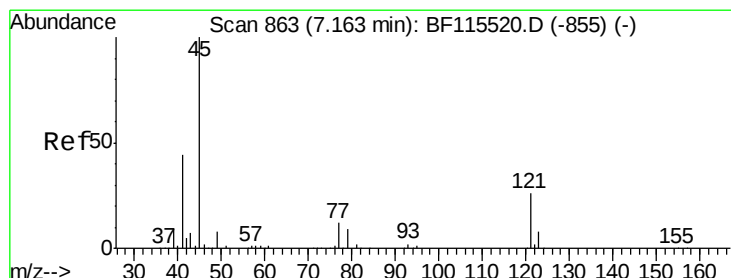
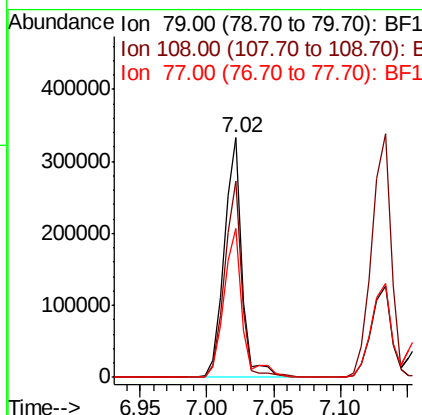
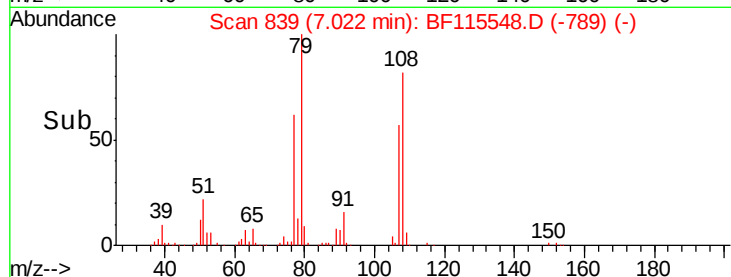
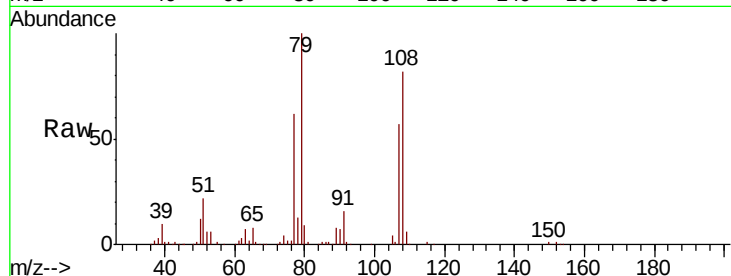
ClientSampleId :

TP-1MSD

Tot Ion:	79	Resp:	312366
Ion	Ratio	Lower	Upper
79	100		
108	81.9	64.2	96.4
77	62.4	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.737 ng

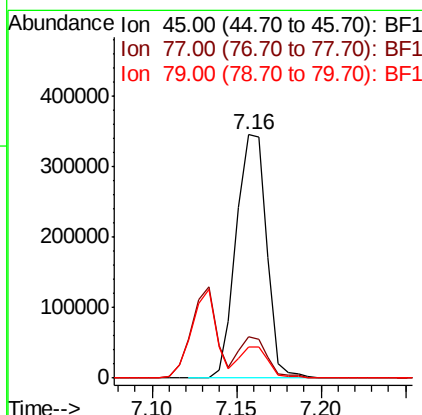
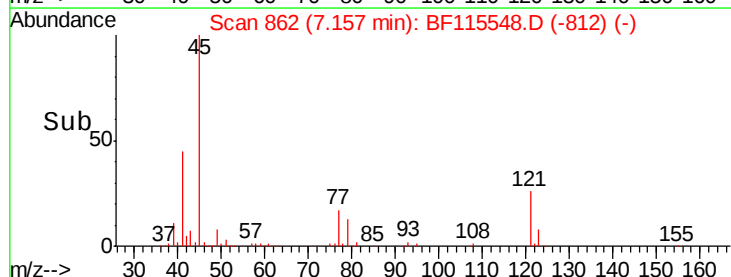
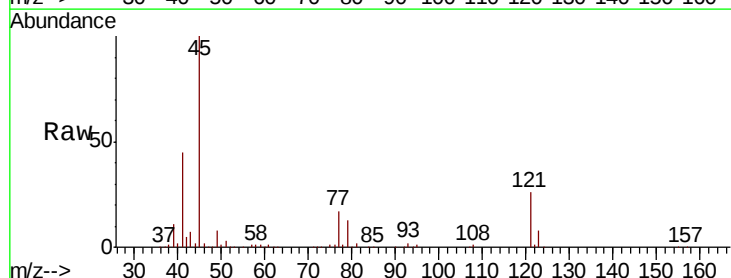
RT: 7.16 min Scan# 862

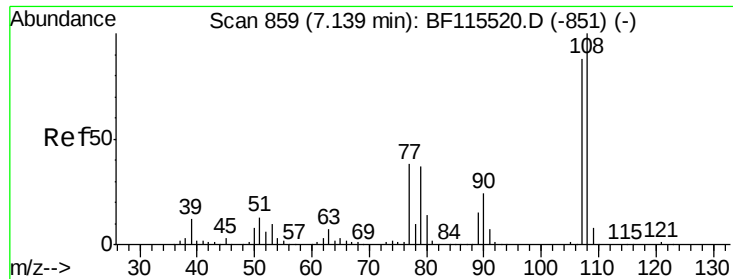
Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:	45	Resp:	434575
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	38.1
79	12.6	0.0	34.1





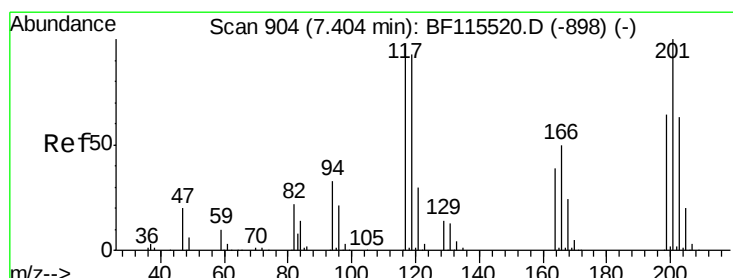
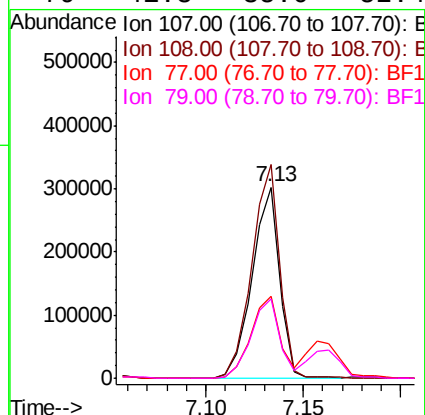
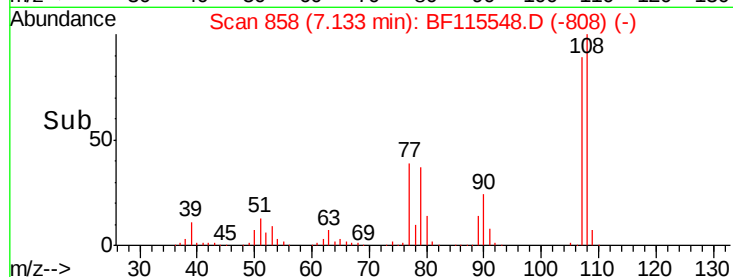
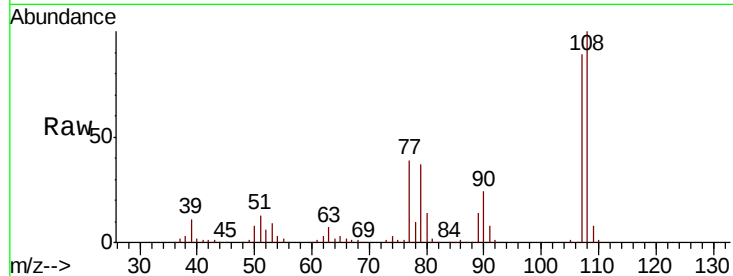
#17
2-Methylphenol
Concen: 31.089 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion:	107	Resp:	294972
Ion Ratio	Lower	Upper	
107	100		
108	111.9	89.4	134.2
77	43.2	35.7	53.5
79	41.8	35.0	52.4

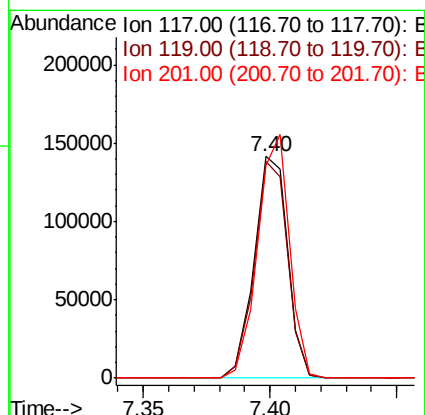
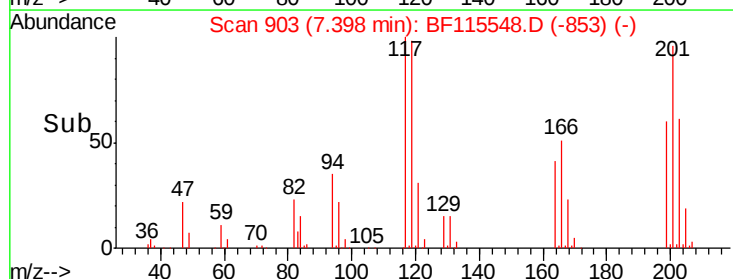
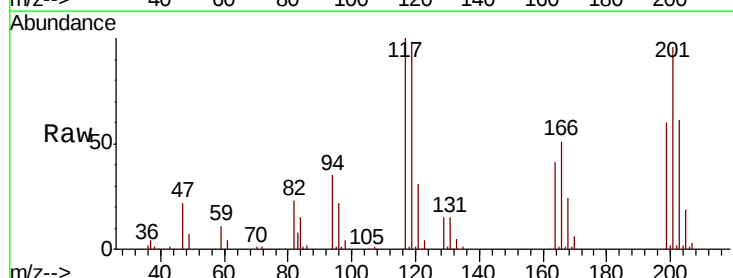
Manual Integrations
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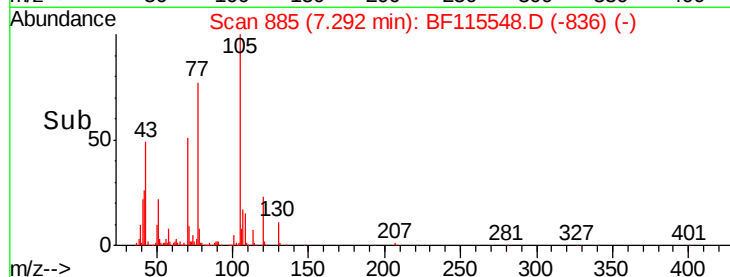
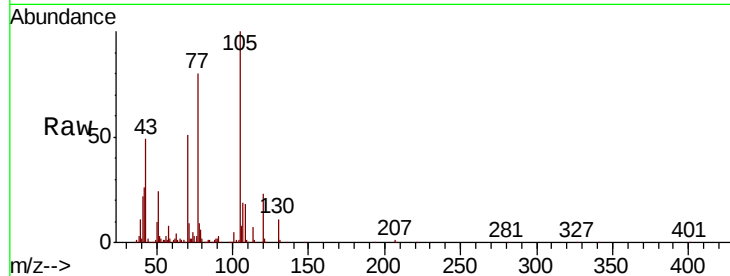
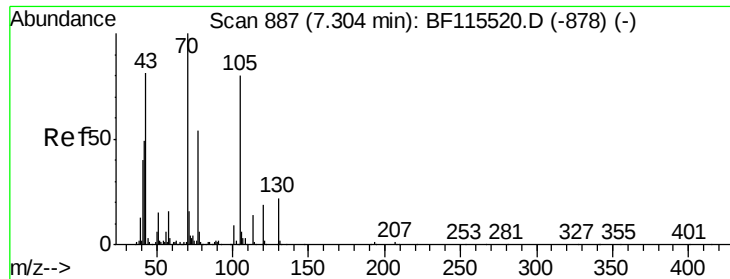
mohammad
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#18
Hexachloroethane
Concen: 28.535 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:	117	Resp:	130806
Ion Ratio	Lower	Upper	
117	100		
119	97.6	77.7	116.5
201	95.9	86.0	129.0





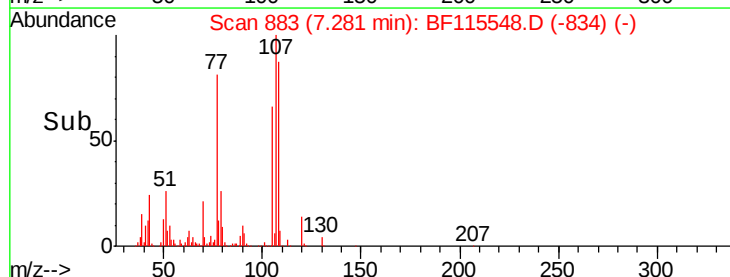
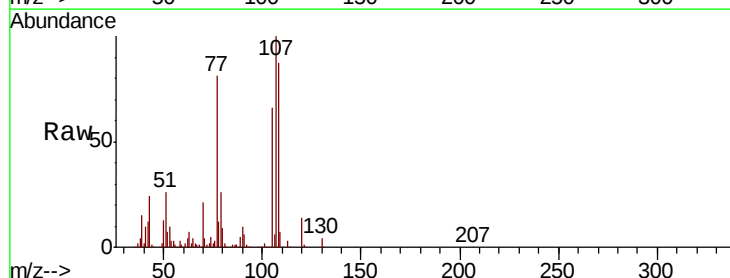
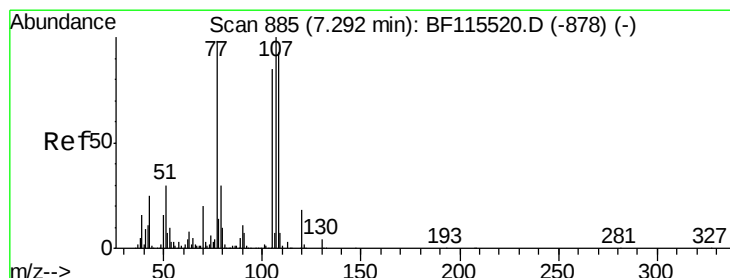
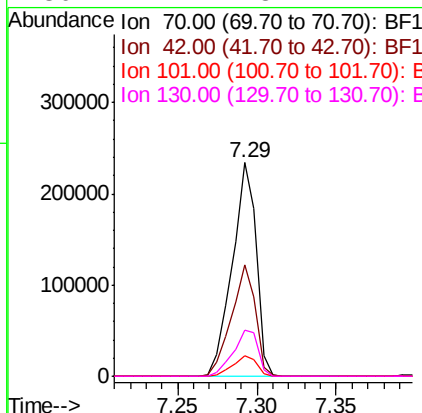
#19
n-Nitroso-di-n-propylamine
Concen: 30.957 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	39.6	59.4
101	9.5	8.1	12.1
130	21.4	18.2	27.2

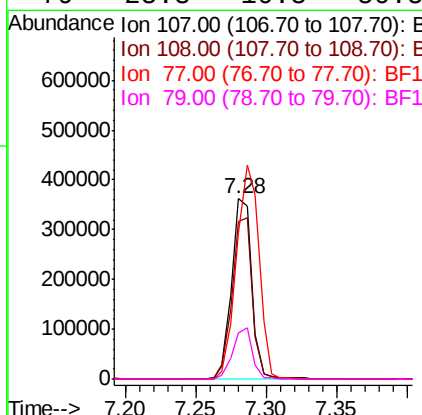
Manual Integrations
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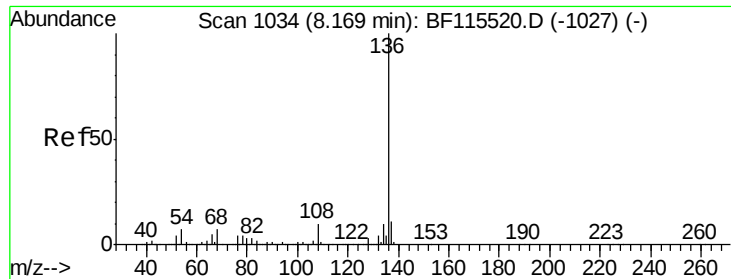
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#20
3+4-Methylphenols
Concen: 31.792 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	72.9	112.9
77	81.1	77.6	117.6
79	25.8	10.5	50.5





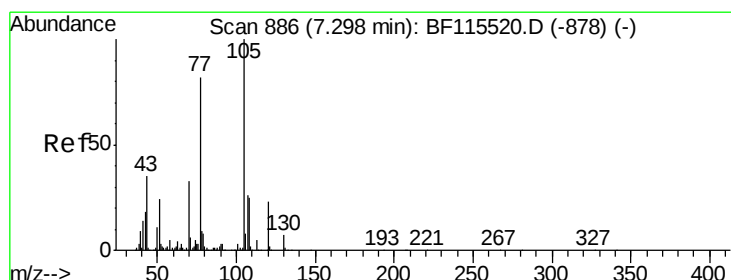
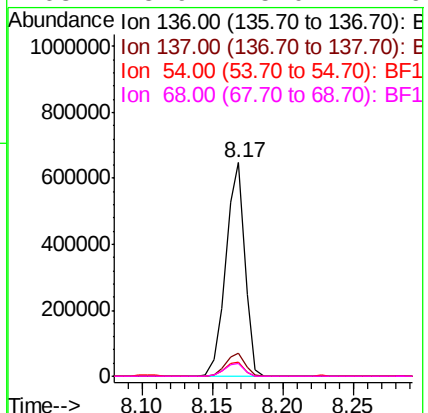
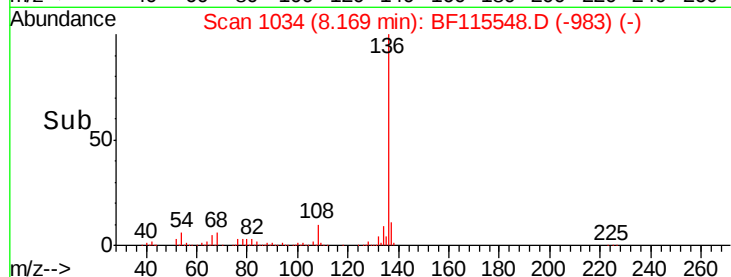
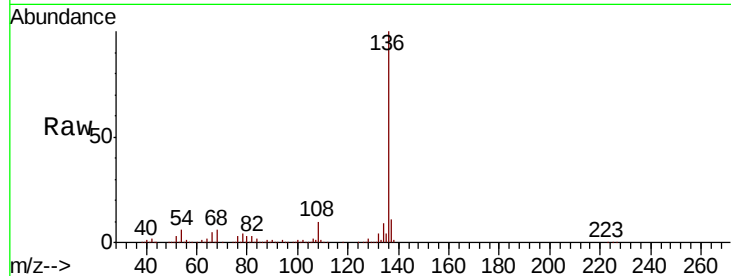
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		603933		
137	11.0		9.0	13.4	
54	6.4		5.6	8.4	
68	5.9		5.0	7.6	

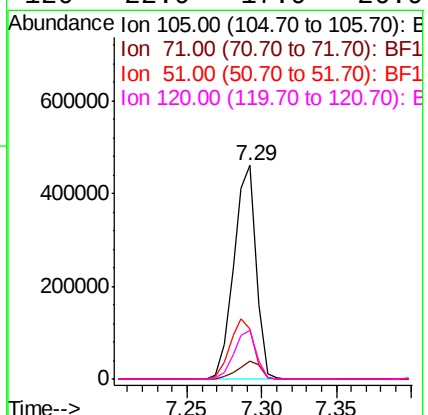
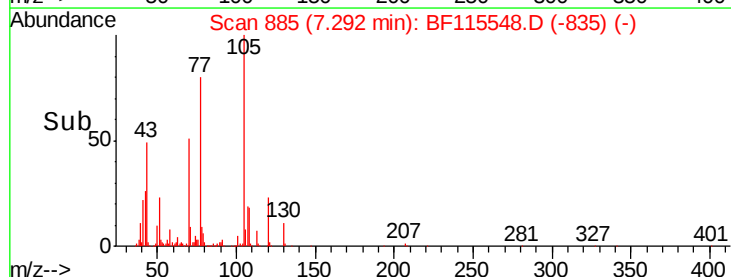
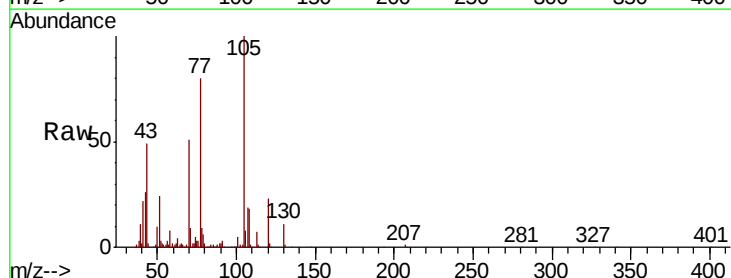
Manual Integrations
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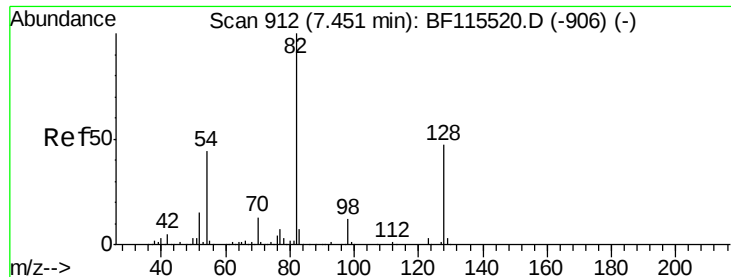
mohammad
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#22
Acetophenone
Concen: 35.537 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		484862		
71	8.7		3.5	5.3#	
51	23.5		25.6	38.4#	
120	22.9		17.9	26.9	





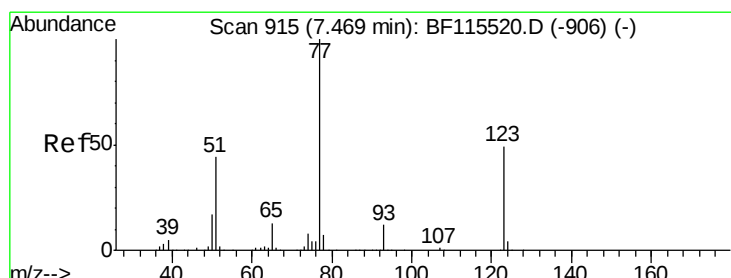
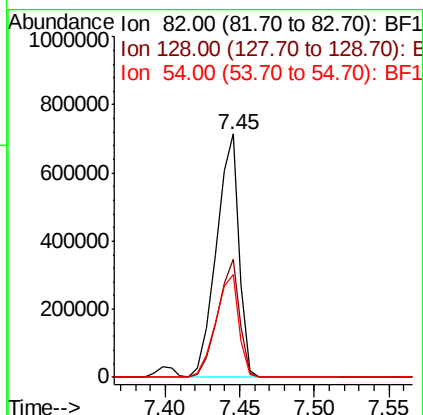
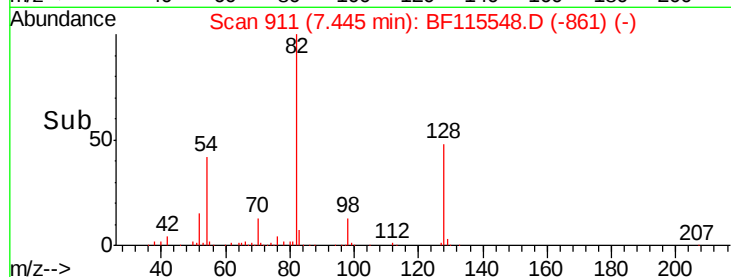
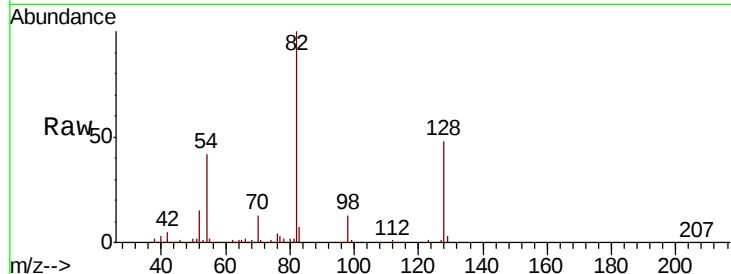
#23
Nitrobenzene-d5
Concen: 72.831 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.6	57.8
54	42.5	35.6	53.4

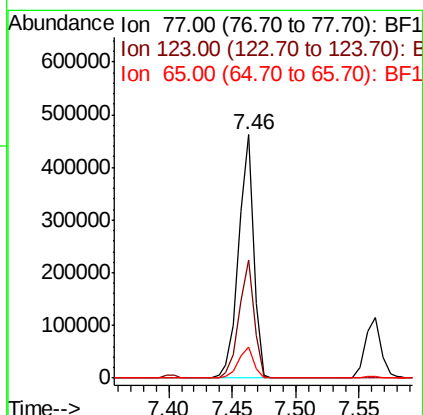
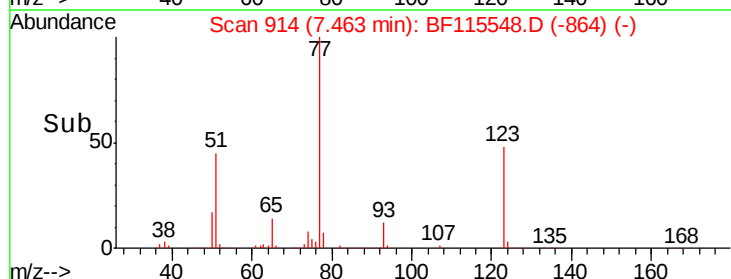
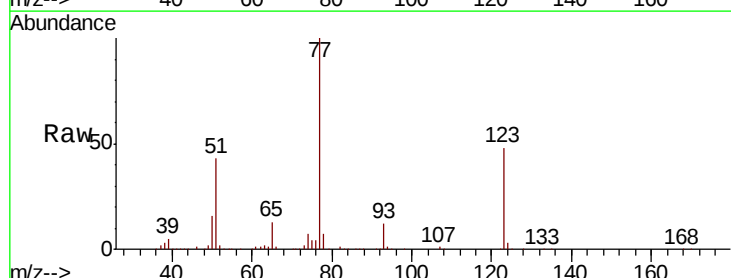
Manual Integrations
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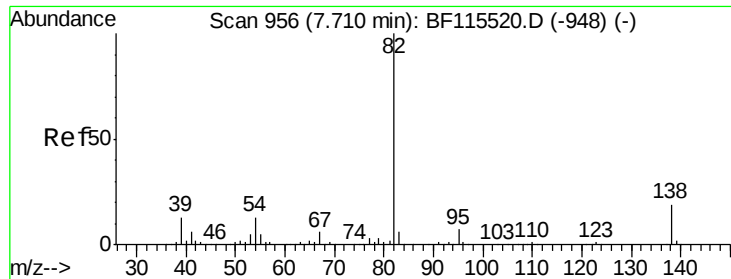
mohammad
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#24
Nitrobenzene
Concen: 33.637 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	40.0	60.0
65	12.9	11.0	16.4





#25

Isophorone

Concen: 32.708 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

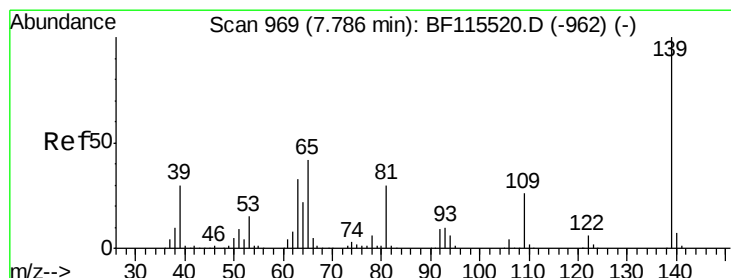
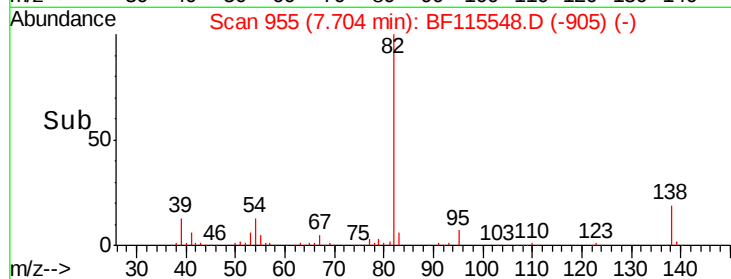
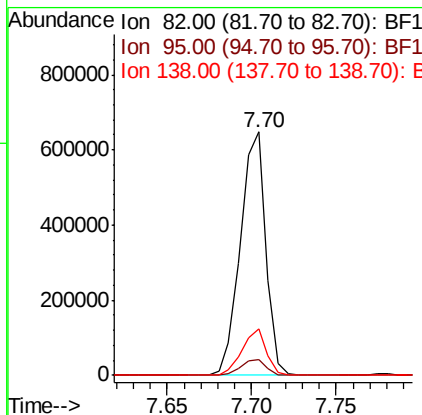
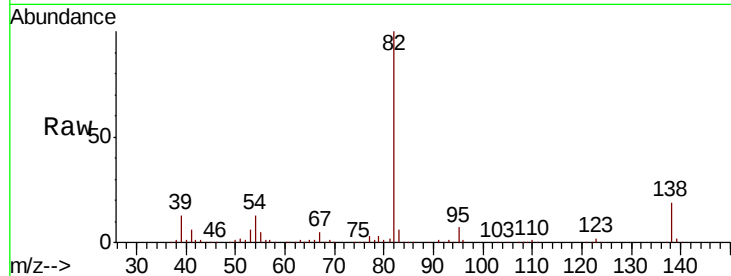
ClientSampleId :

TP-1MSD

Tot Ion:	82	Resp:	679775
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.5	8.3
138	19.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.654 ng

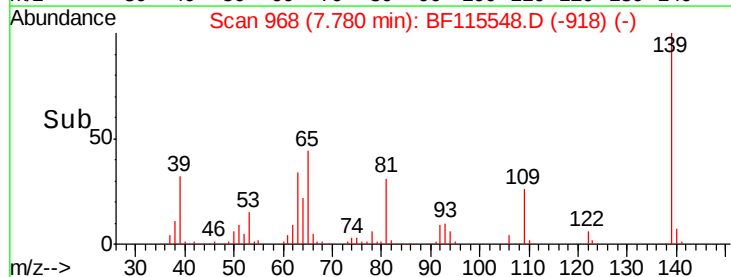
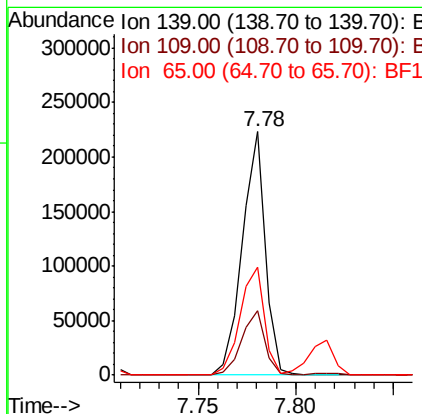
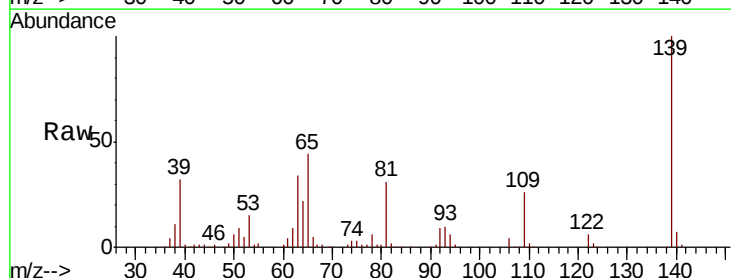
RT: 7.78 min Scan# 968

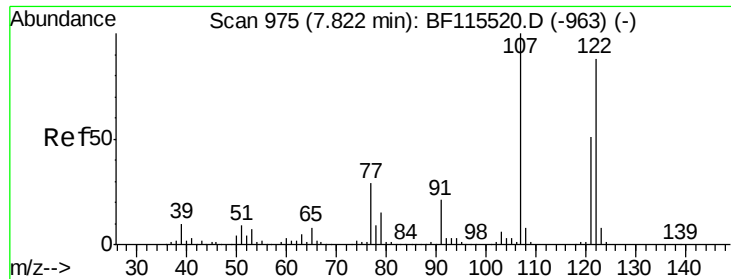
Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:	139	Resp:	182522
Ion Ratio		Lower	Upper
139	100		
109	26.4	23.3	34.9
65	44.3	37.9	56.9





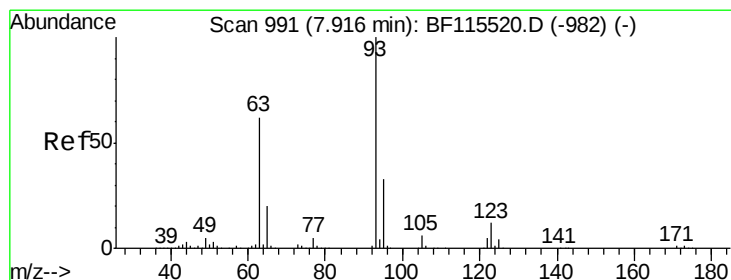
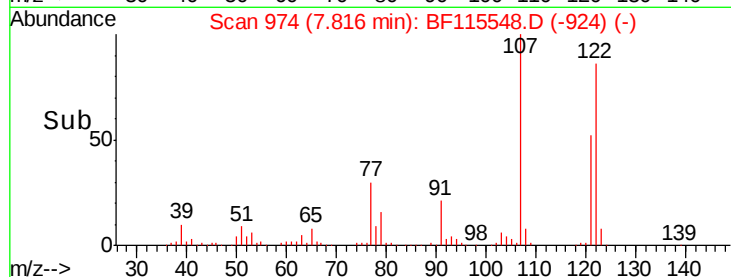
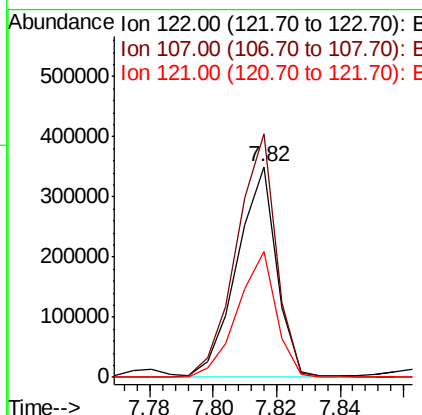
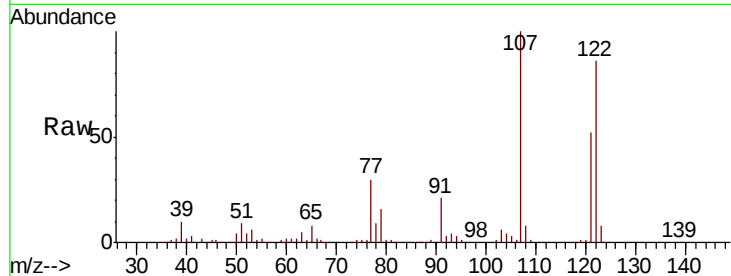
#27
2,4-Dimethylphenol
Concen: 34.926 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	92.9	139.3
121	59.6	46.9	70.3

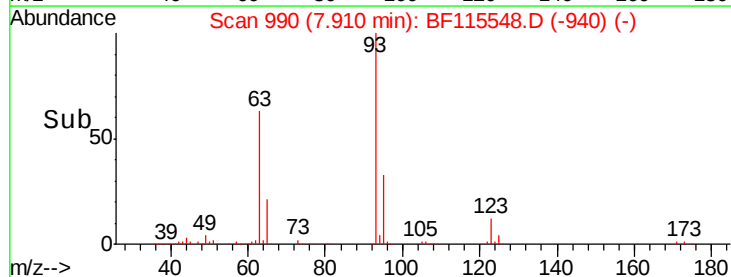
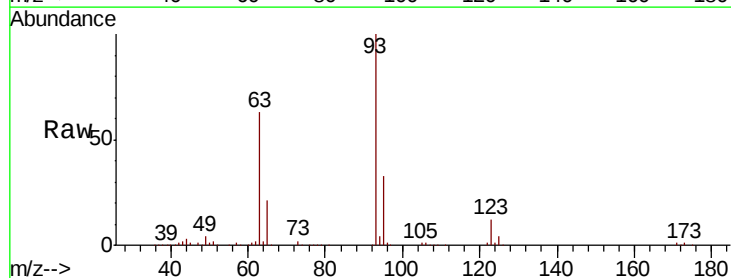
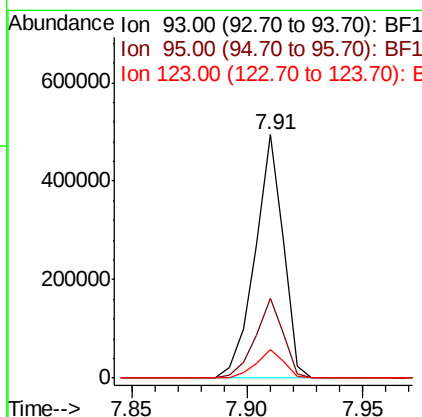
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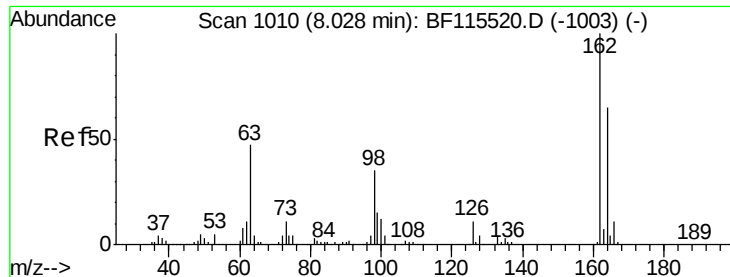
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 33.137 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.0	40.4
123	11.9	9.9	14.9





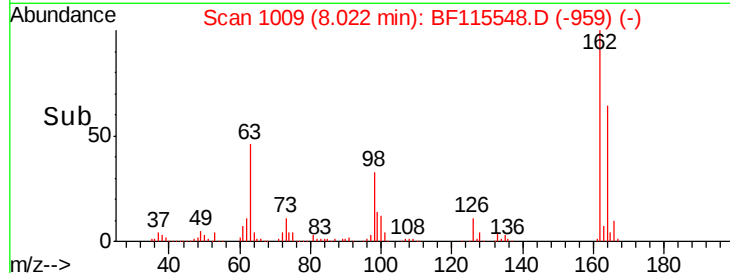
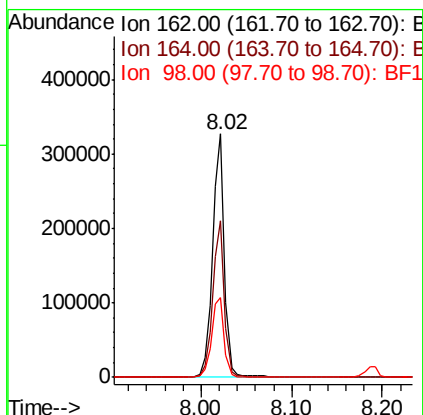
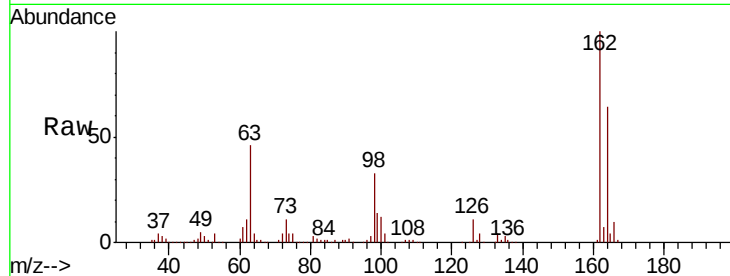
#29
 2,4-Dichlorophenol
 Concen: 33.182 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	297735		
164	64.5	44.9	84.9	
98	33.0	17.7	57.7	

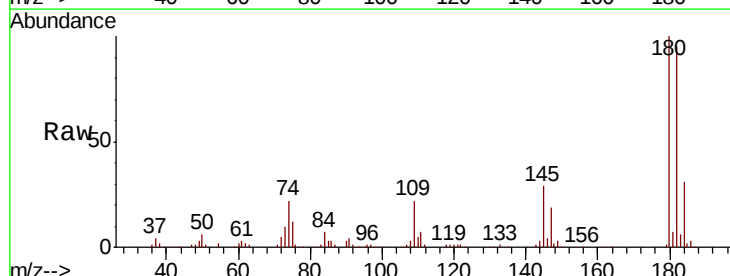
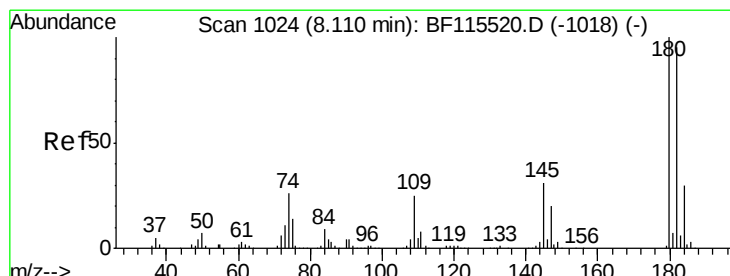
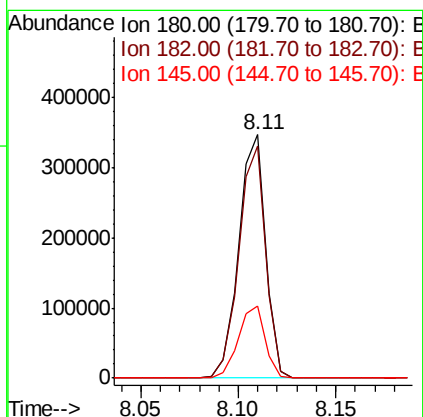
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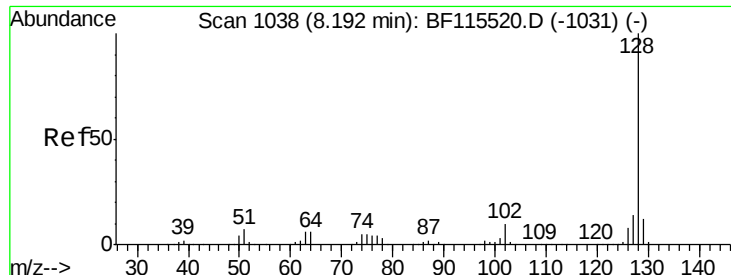
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.533 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329963		
182	95.1	75.0	112.6	
145	29.5	25.1	37.7	





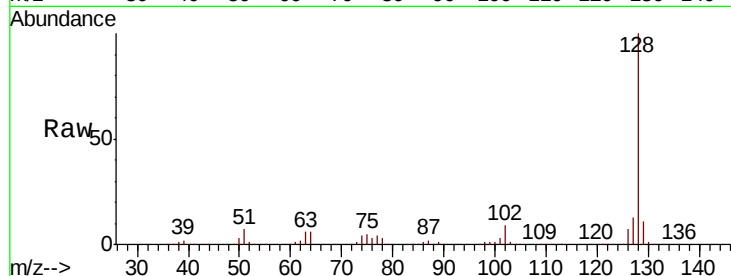
#31
Naphthalene
Concen: 34.658 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

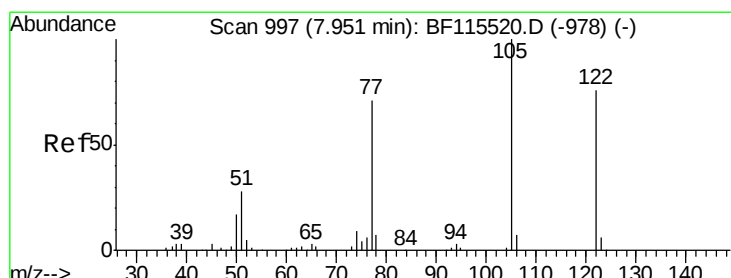
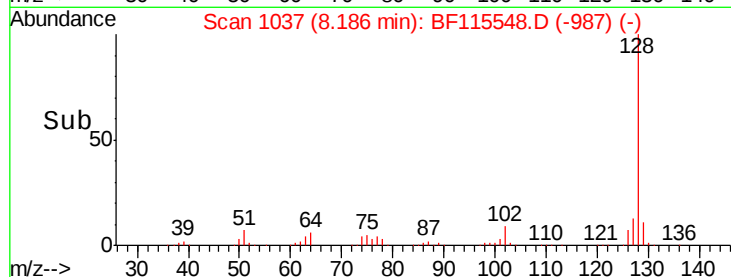
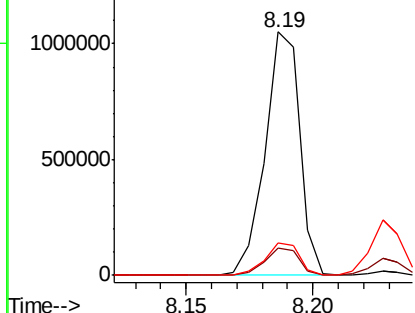
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.9	14.9
127	13.4	12.1	18.1

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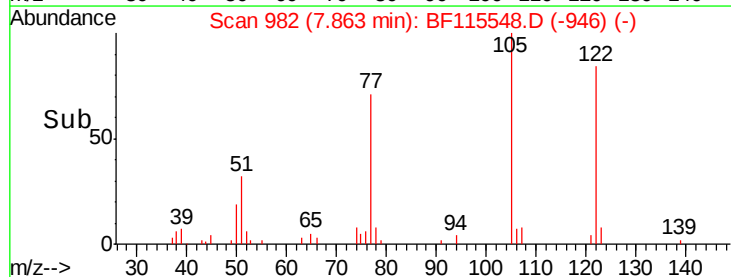
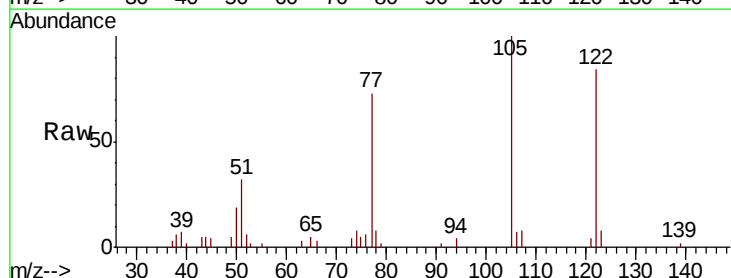
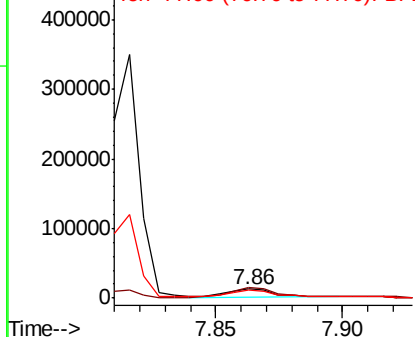
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

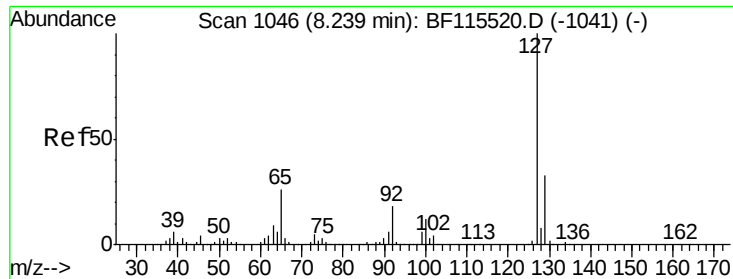


#32
Benzoic acid
Concen: 2.088 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.09 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	102.5	142.5
77	86.8	70.2	110.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





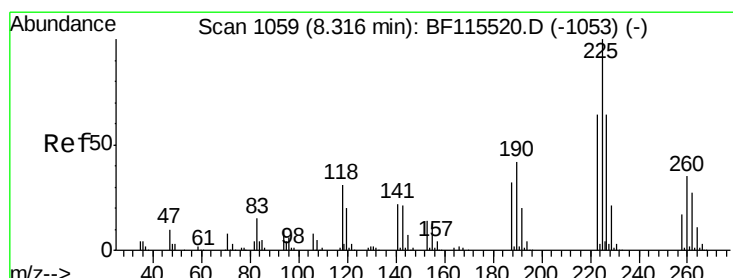
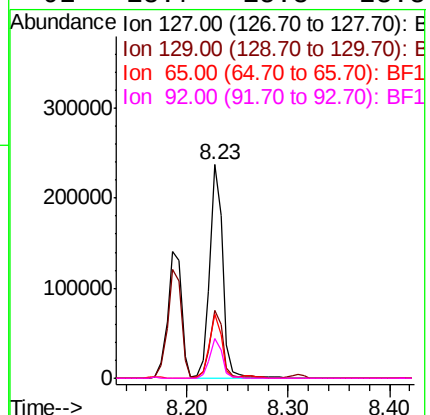
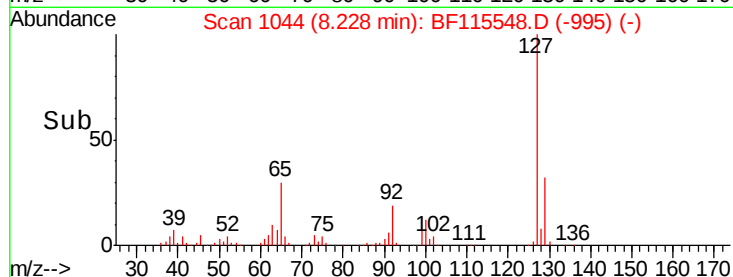
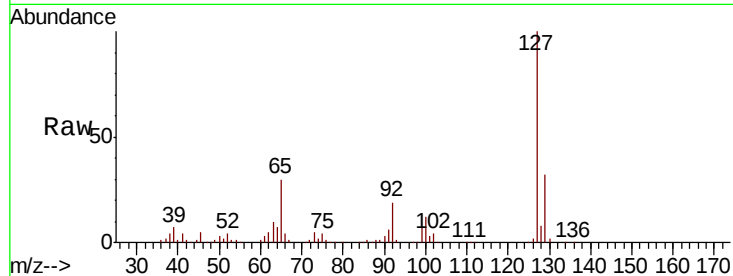
#33
4-Chloroaniline
Concen: 16.404 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		212522		
129	31.8	26.6	39.8		
65	30.1	23.7	35.5		
92	18.7	15.8	23.8		

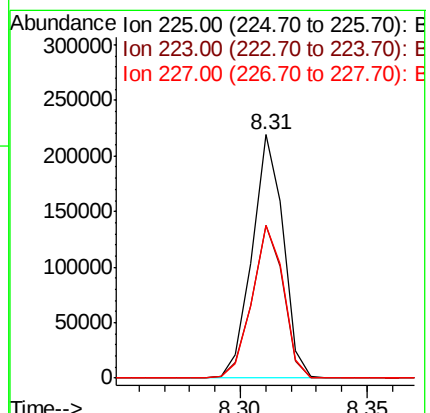
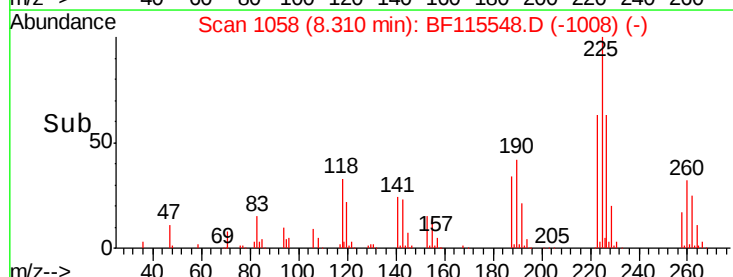
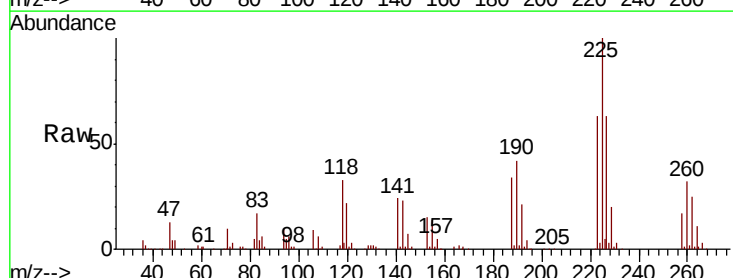
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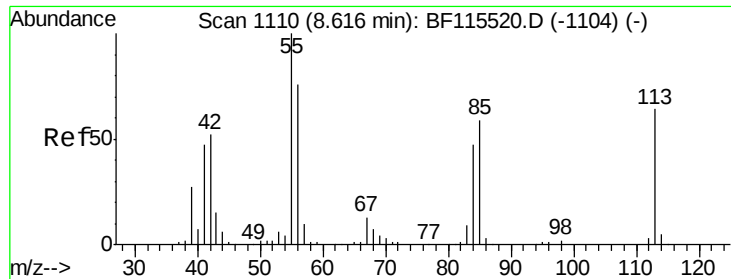
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#34
Hexachlorobutadiene
Concen: 32.186 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		187201		
223	62.7	50.9	76.3		
227	62.7	50.7	76.1		





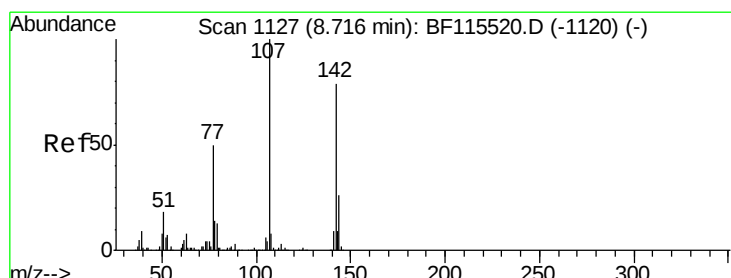
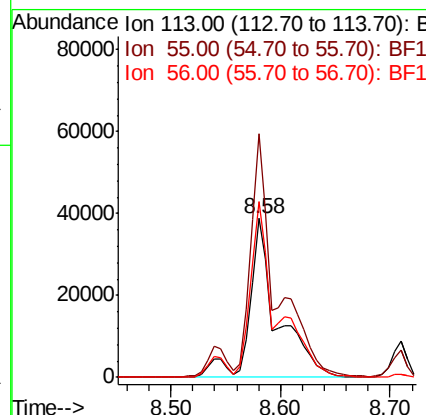
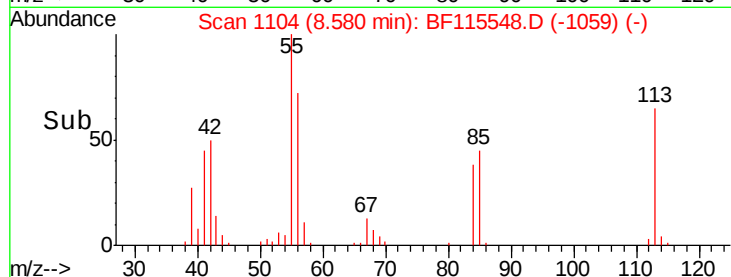
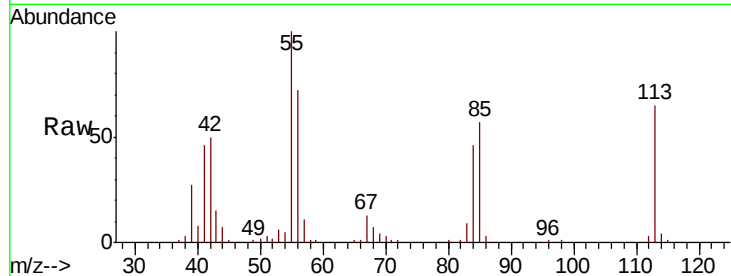
#35
 Caprolactam
 Concen: 24.817 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.04 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.3	126.9	166.9
56	111.0	90.3	130.3

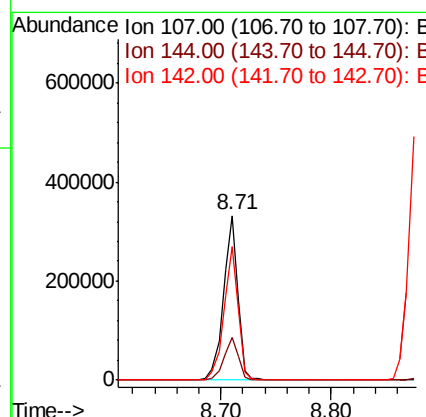
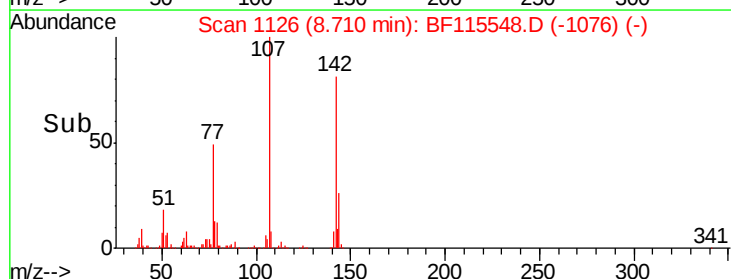
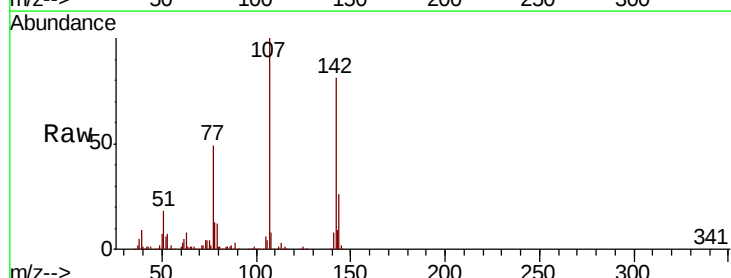
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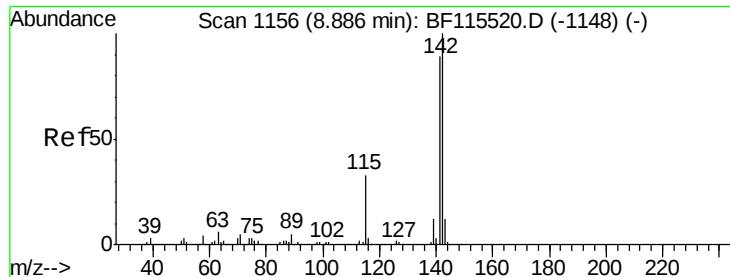
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#36
 4-Chloro-3-methylphenol
 Concen: 32.158 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.6	30.8
142	81.0	63.1	94.7





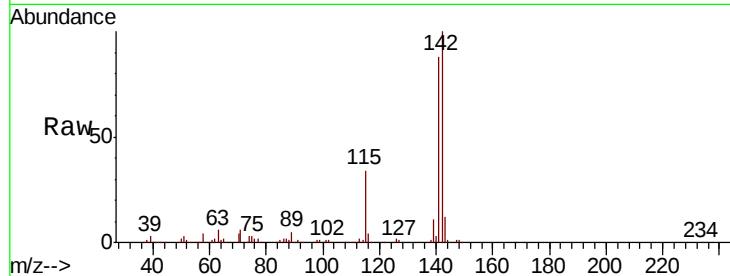
#37
2-Methylnaphthalene
Concen: 34.287 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0
115	33.6	29.9	44.9

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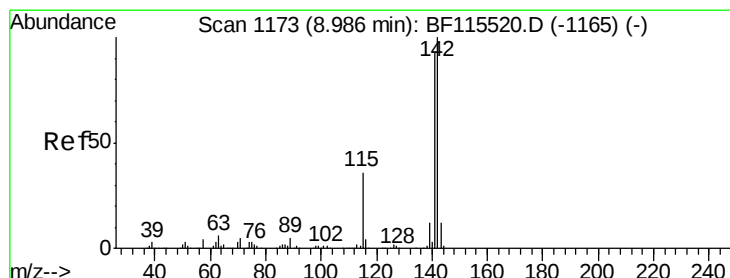
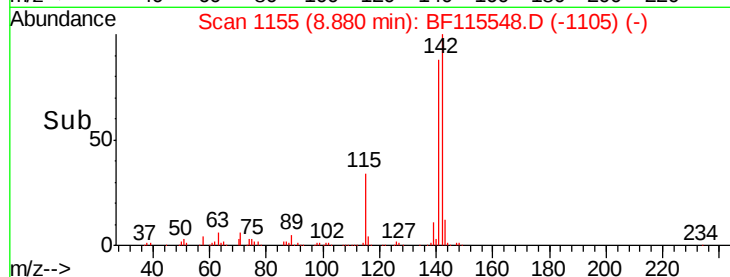
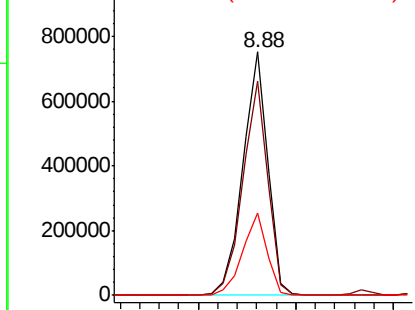


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 33.741 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

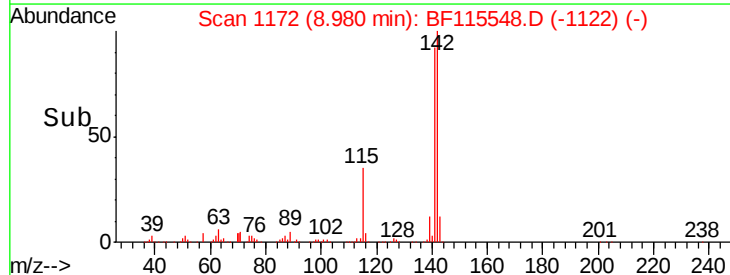
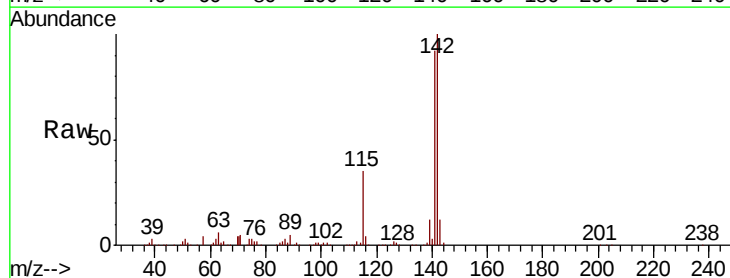
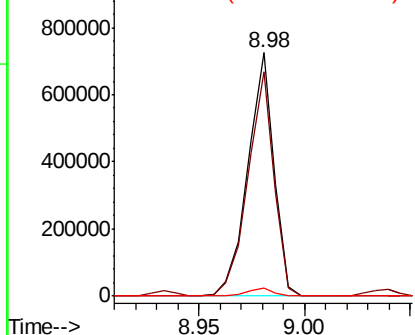
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.3	112.9
116	3.6	3.3	4.9

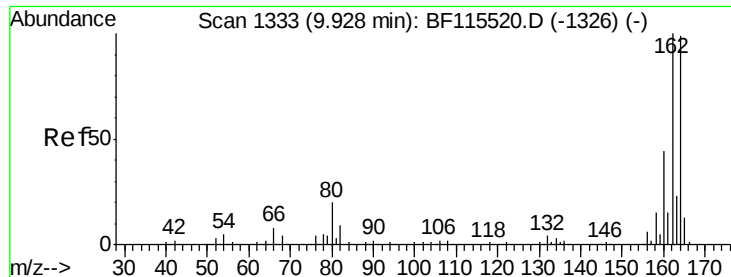
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





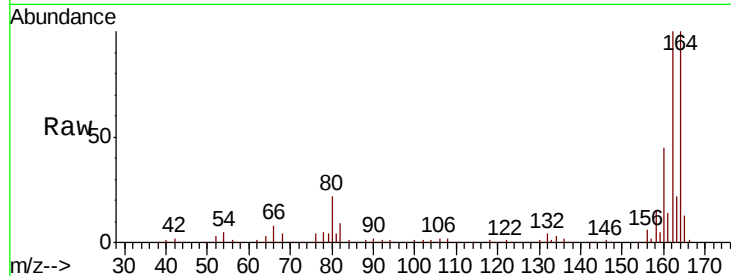
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.9	124.3
160	45.4	36.8	55.2

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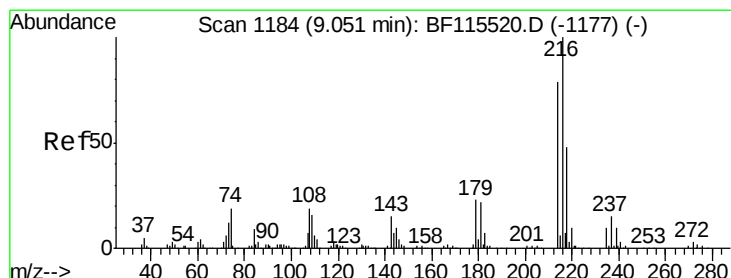
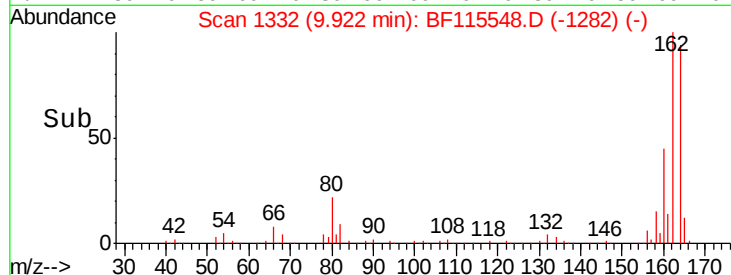
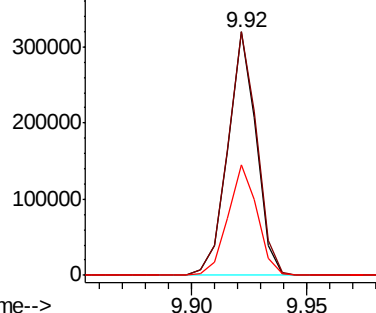


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.832 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	65.1	97.7
179	21.9	18.3	27.5
108	19.0	15.7	23.5

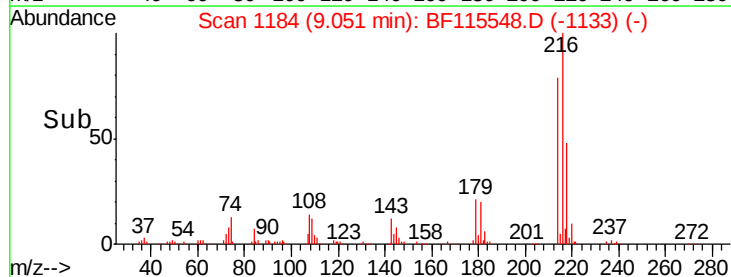
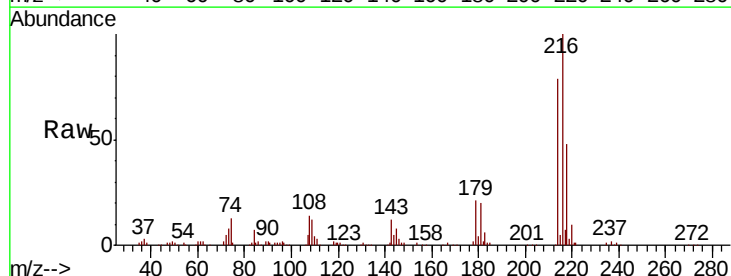
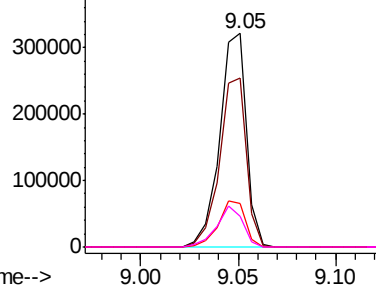
Abundance

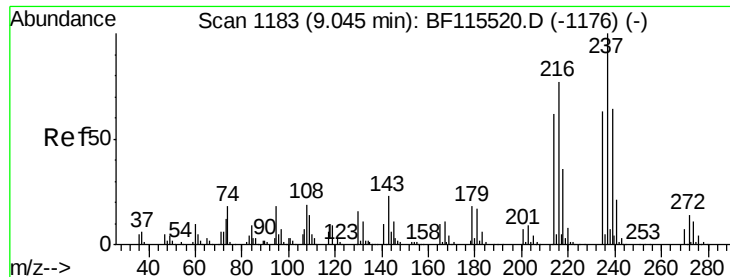
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 29.010 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

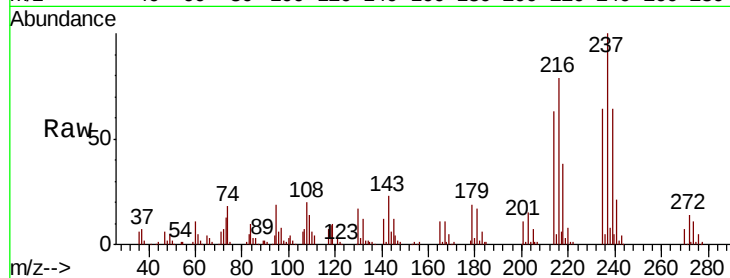
ClientSampleId :

TP-1MSD

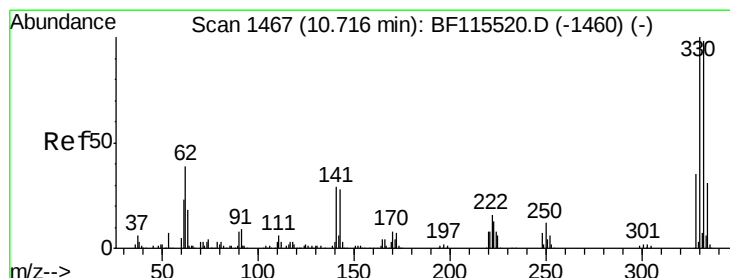
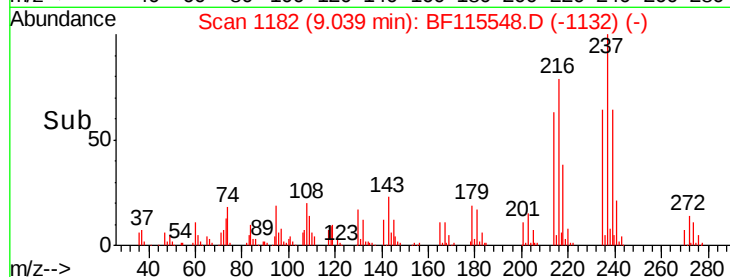
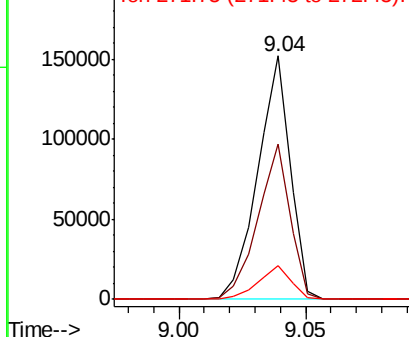
Tot Ion:	237	Resp:	136433
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.6	83.6
272	13.6	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.614 ng

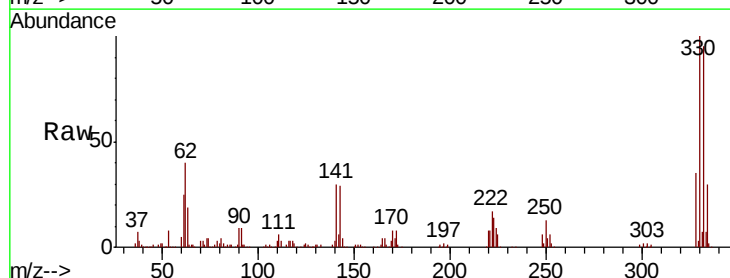
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

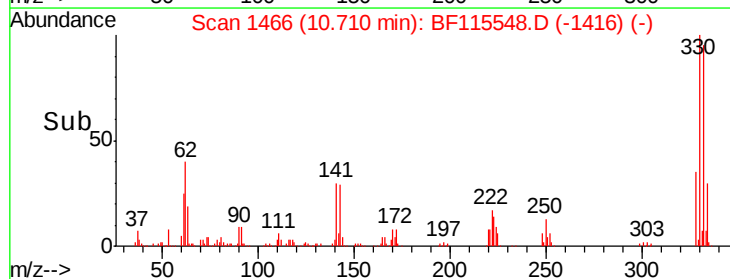
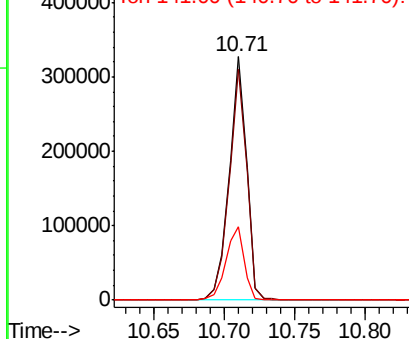
Lab File: BF115548.D

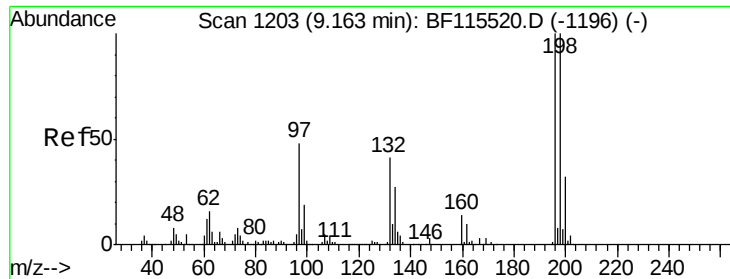
Acq: 13 Jul 2019 1:13

Tgt Ion:	330	Resp:	279985
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	31.5	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 32.732 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

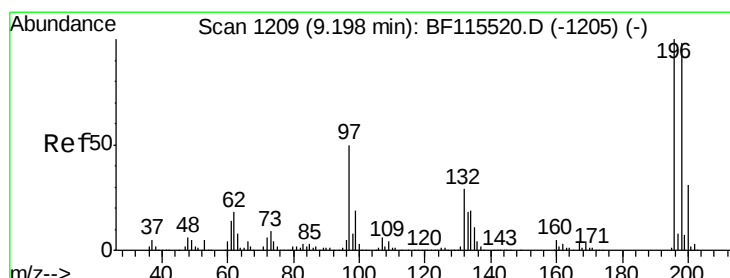
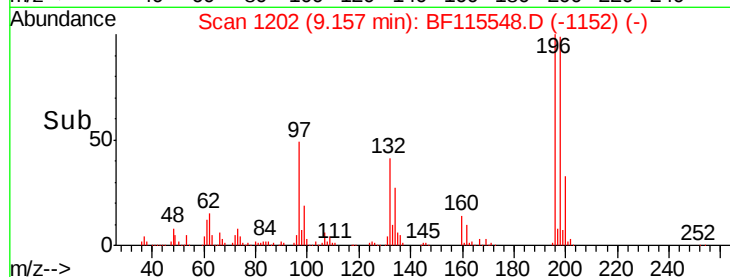
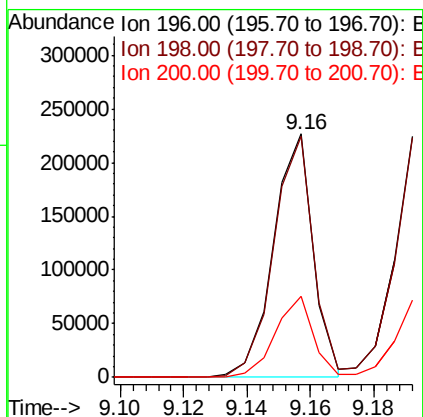
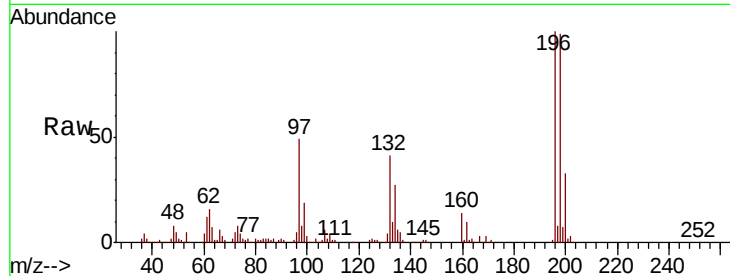
ClientSampleId :

TP-1MSD

Tot Ion:	196	Resp:	197344
Ion Ratio	Lower	Upper	
196	100		
198	99.0	80.6	121.0
200	33.2	25.8	38.6

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#44

2,4,5-Trichlorophenol

Concen: 33.320 ng

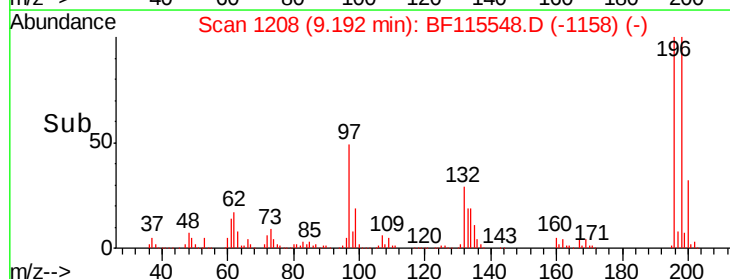
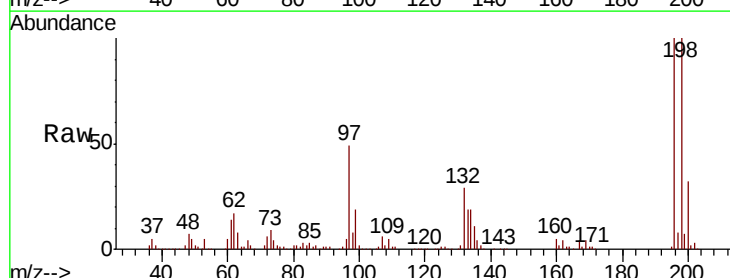
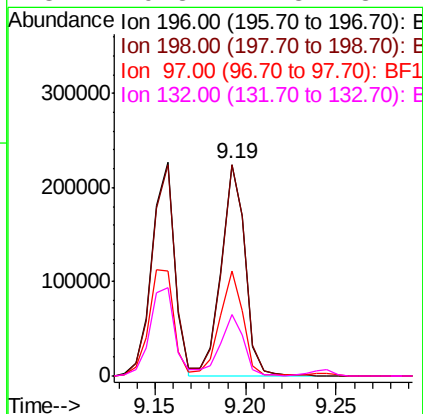
RT: 9.19 min Scan# 1208

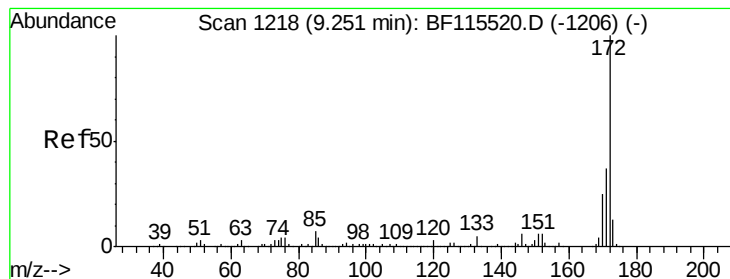
Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:	196	Resp:	205729
Ion Ratio	Lower	Upper	
196	100		
198	99.6	79.6	119.4
97	49.4	37.8	56.6
132	29.3	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 85.563 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:172 Resp: 1338372

Ion Ratio Lower Upper

172 100

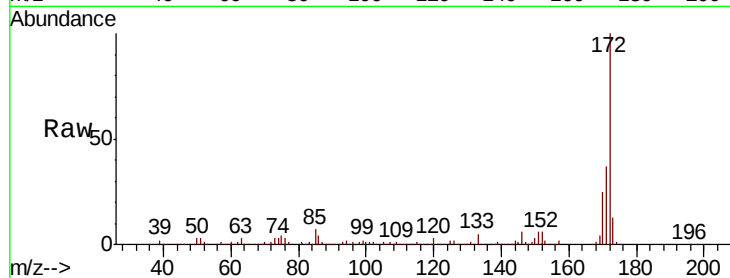
171 37.1 30.6 46.0

170 24.7 20.5 30.7

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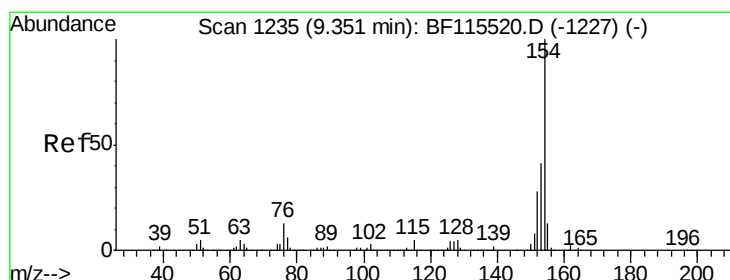
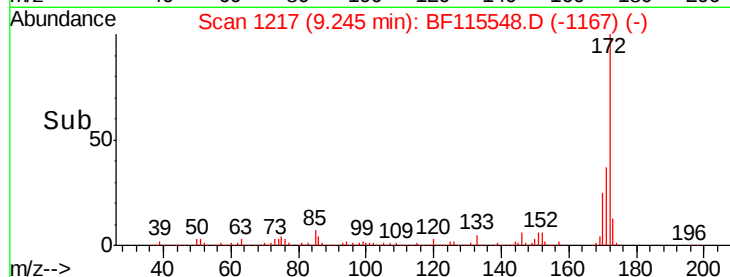
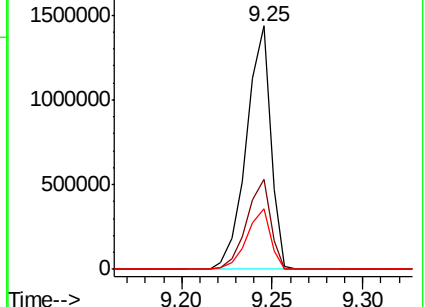
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.405 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

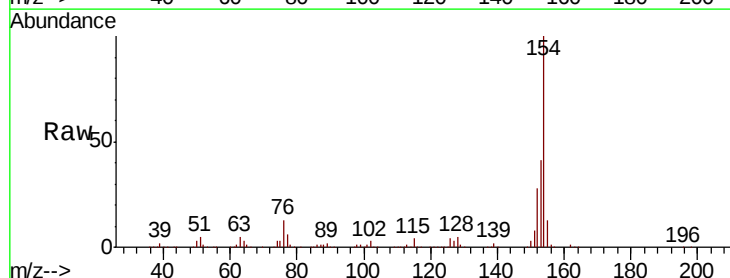
Tgt Ion:154 Resp: 800615

Ion Ratio Lower Upper

154 100

153 41.2 22.6 62.6

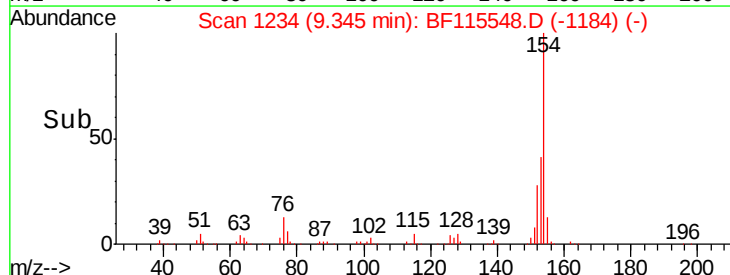
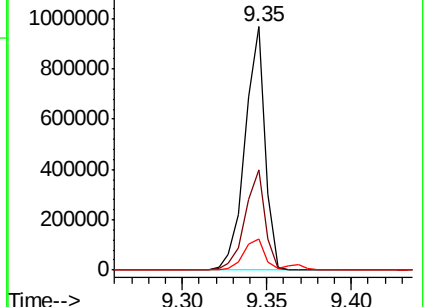
76 12.8 0.0 33.4

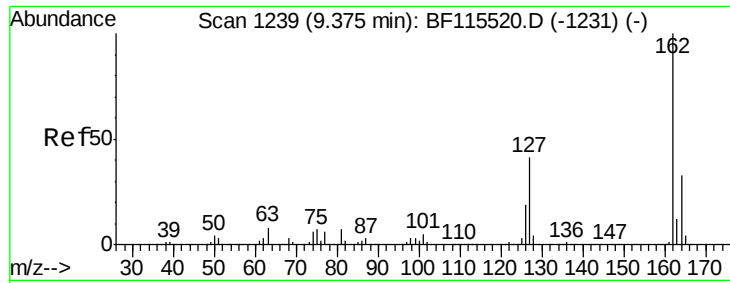


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





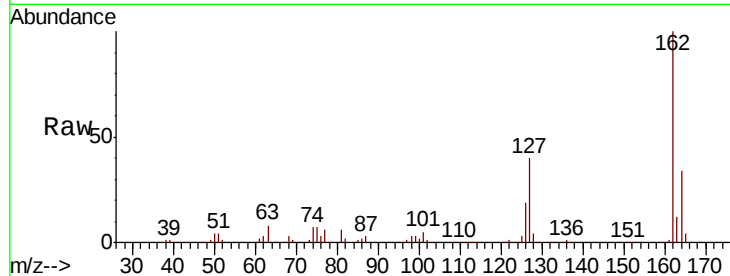
#47
2-Chloronaphthalene
Concen: 34.381 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

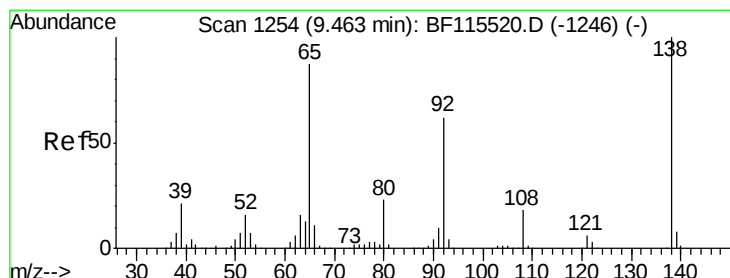
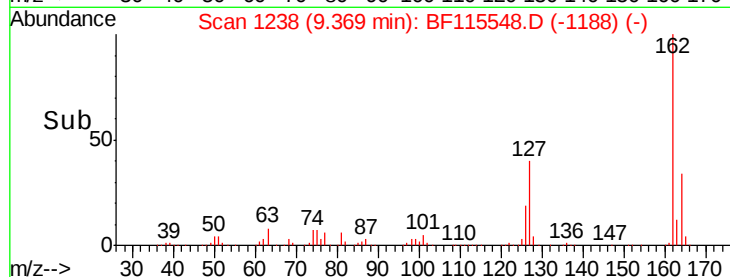
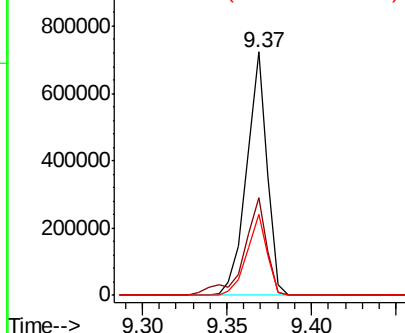
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.9	34.1	51.1
164	33.5	27.4	41.2

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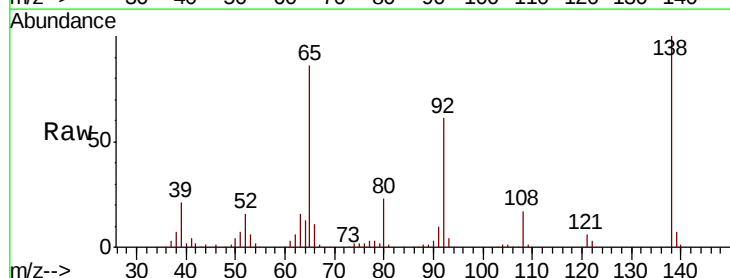


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

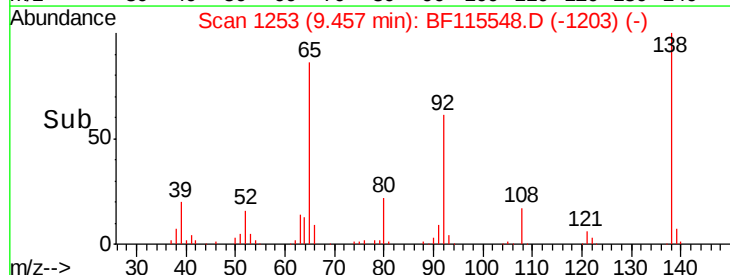
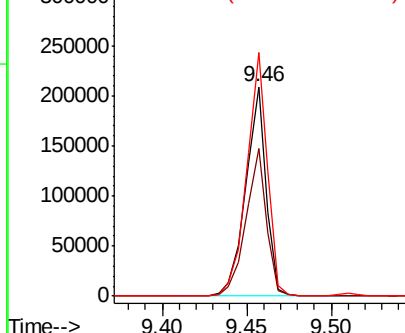


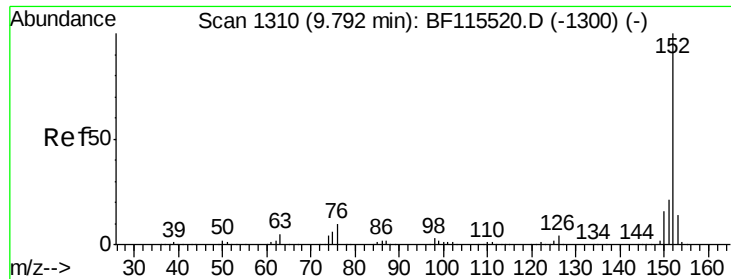
#48
2-Nitroaniline
Concen: 32.227 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.6	57.8	86.6
138	116.3	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





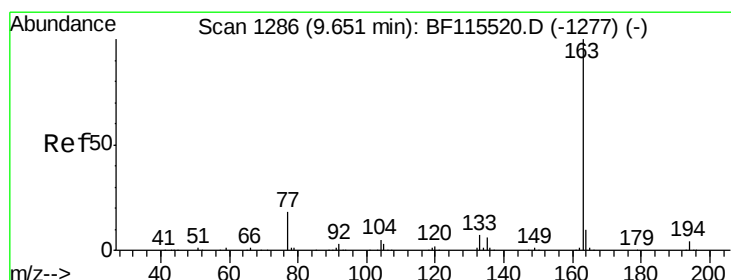
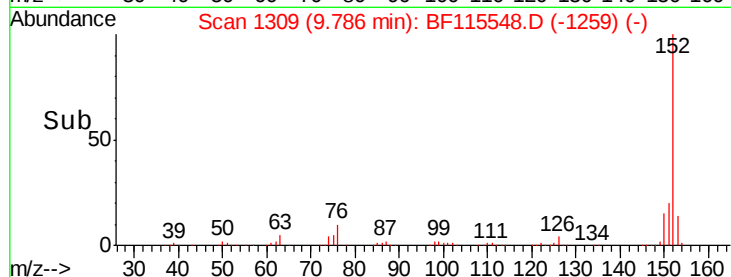
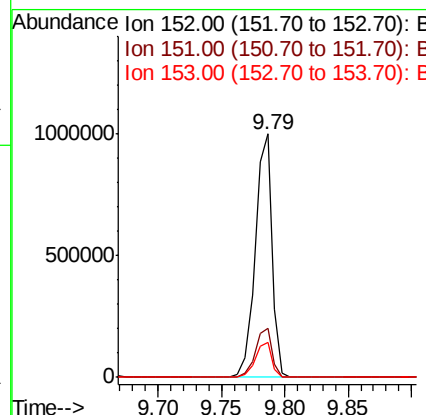
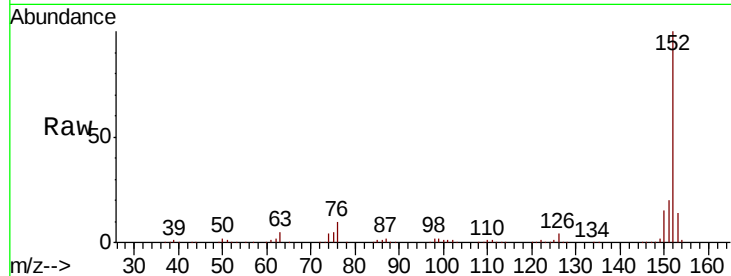
#49
Acenaphthylene
Concen: 35.104 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.7	26.5
153	14.1	12.0	18.0

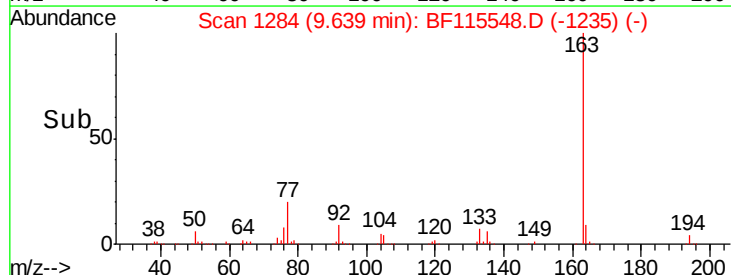
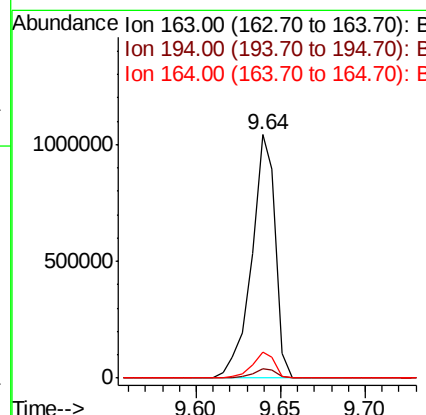
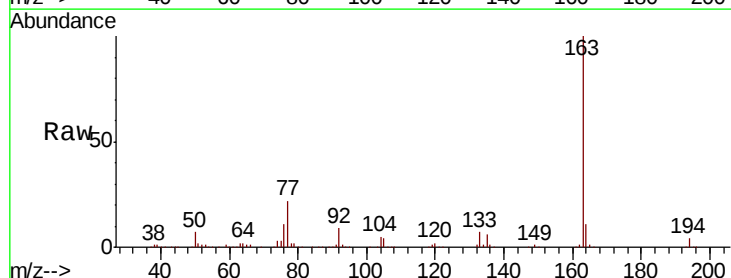
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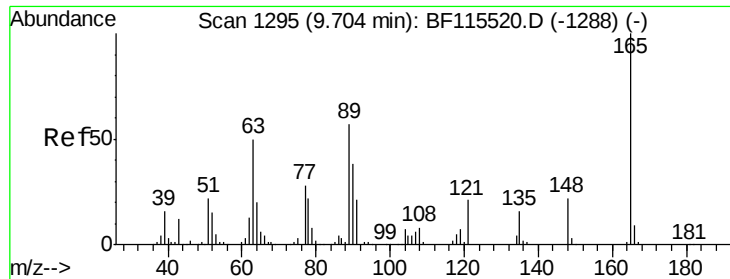
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#50
Dimethylphthalate
Concen: 49.654 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.6	8.7	13.1





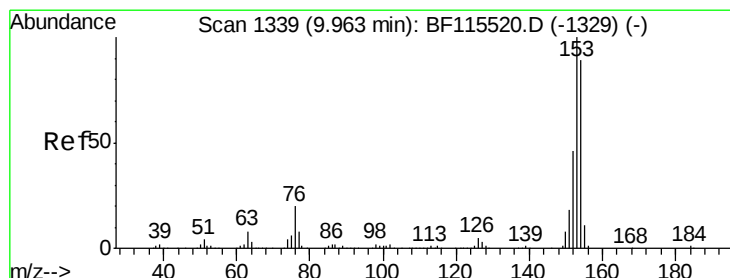
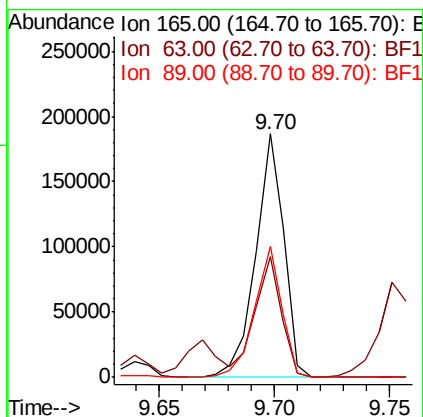
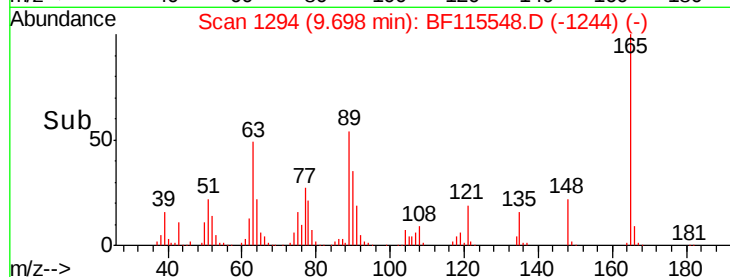
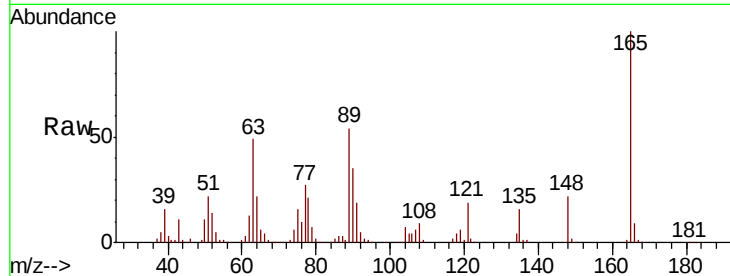
#51
 2,6-Dinitrotoluene
 Concen: 33.914 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.4	40.6	61.0
89	53.6	43.9	65.9

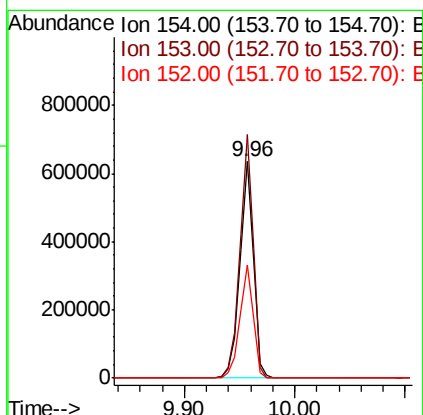
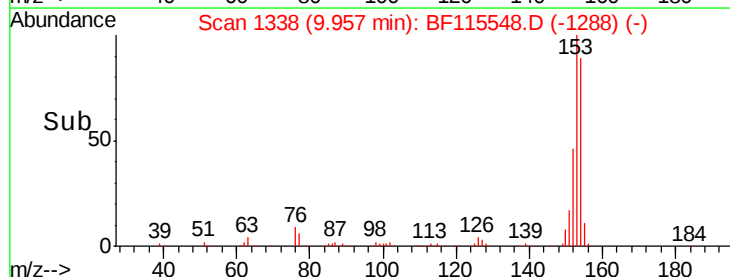
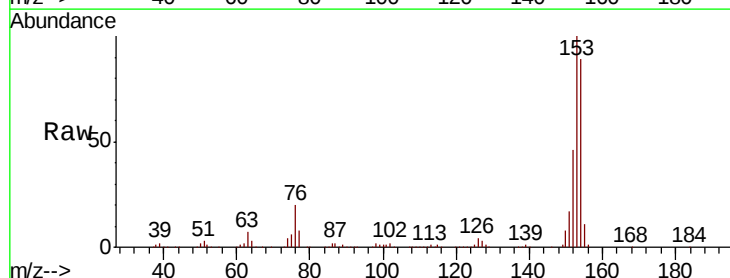
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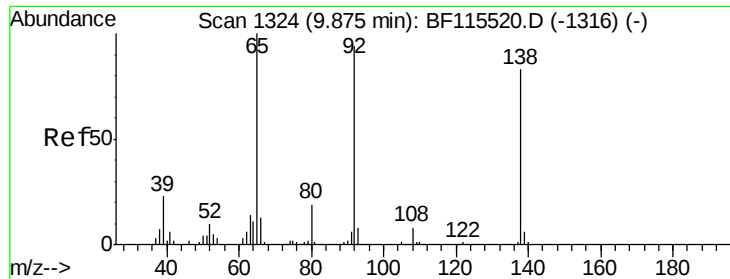
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#52
 Acenaphthene
 Concen: 32.420 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.6	88.6	133.0
152	52.3	42.3	63.5





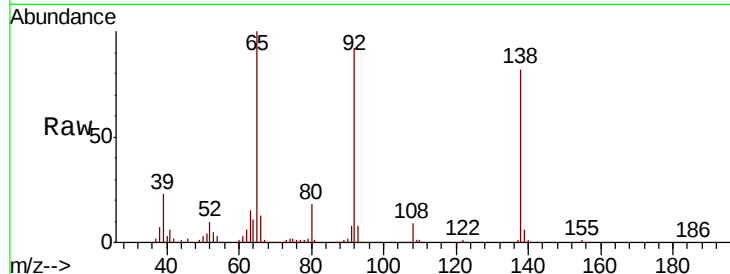
#53
3-Nitroaniline
Concen: 26.601 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.4	12.6
92	112.4	88.0	132.0

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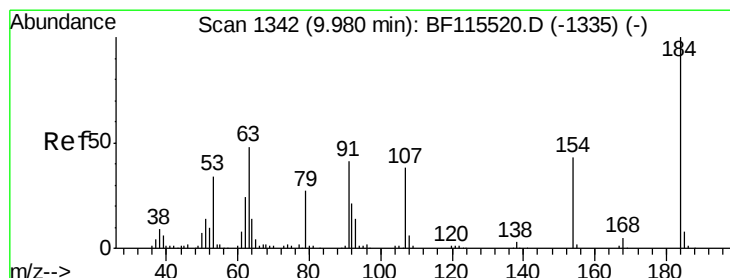
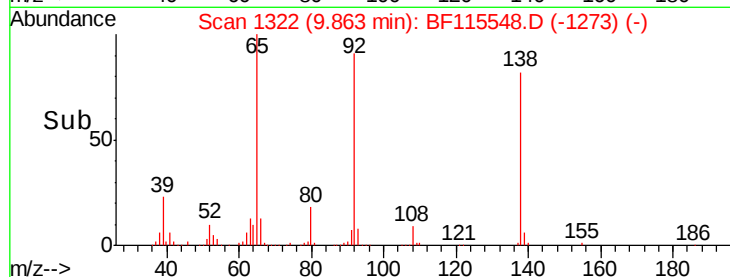
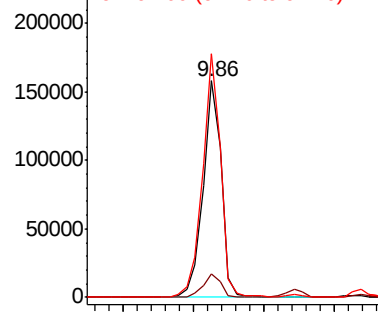


Abundance

Ion 138.00 (137.70 to 138.70): E

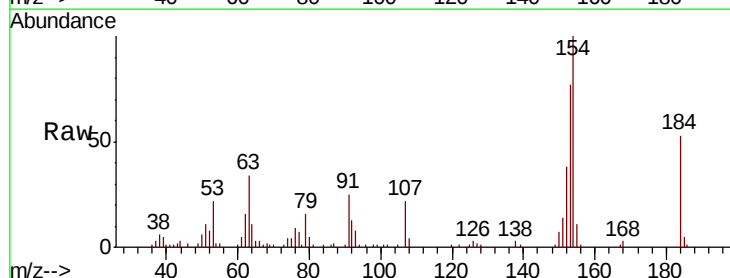
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 7.741 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	48.7	73.1
154	187.5	48.6	73.0#

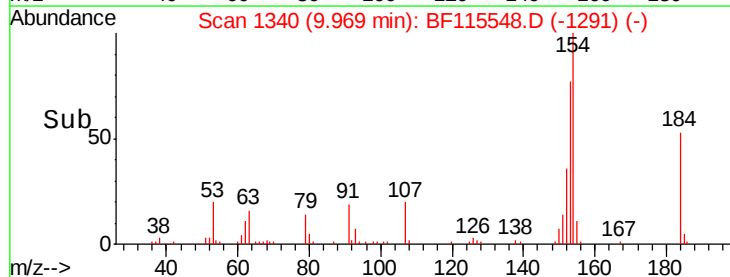
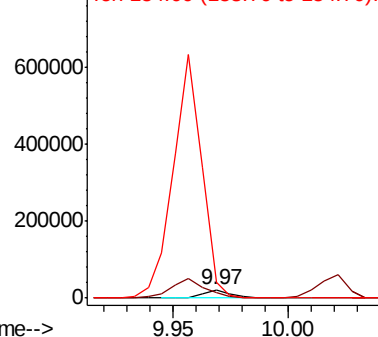


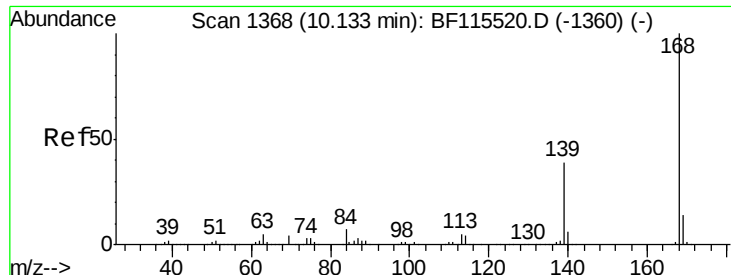
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





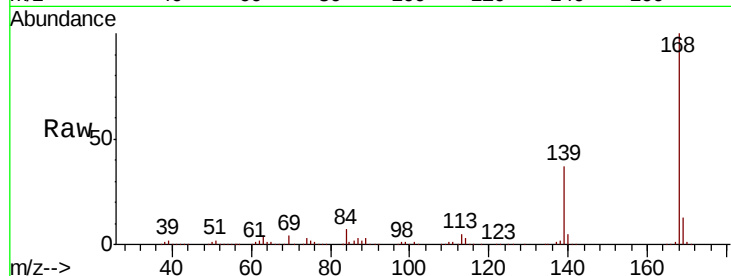
#55
Dibenzenofuran
Concen: 33.731 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.1	46.7
169	13.4	11.1	16.7

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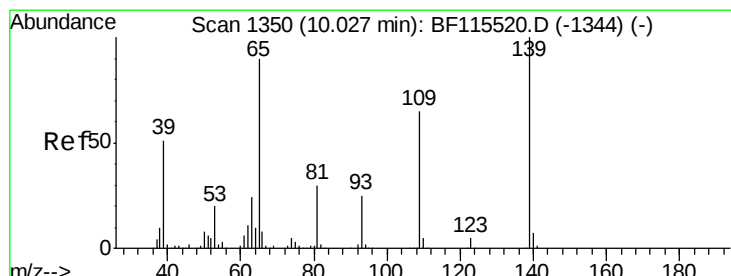
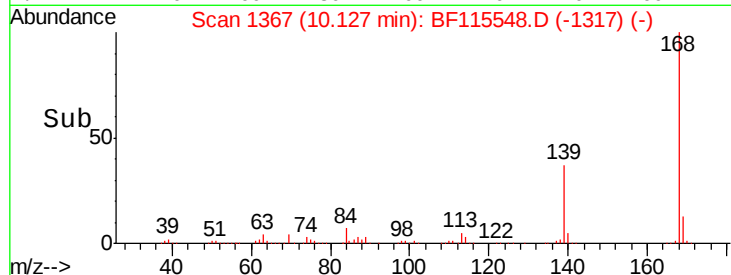
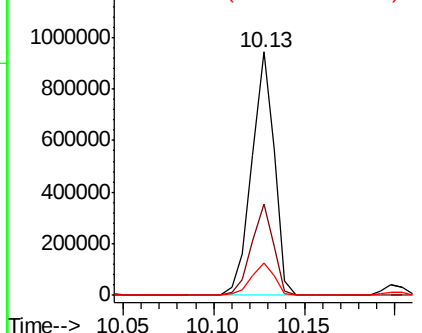


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 53.596 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

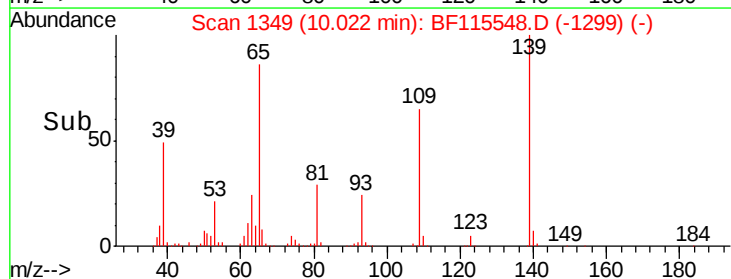
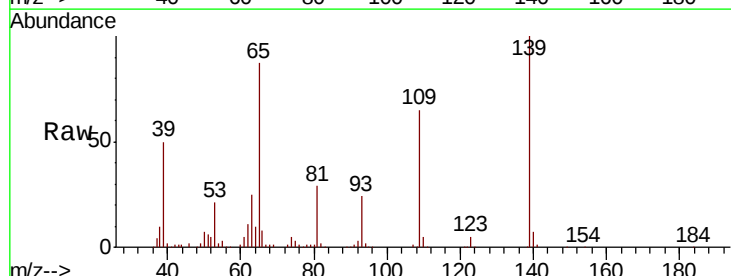
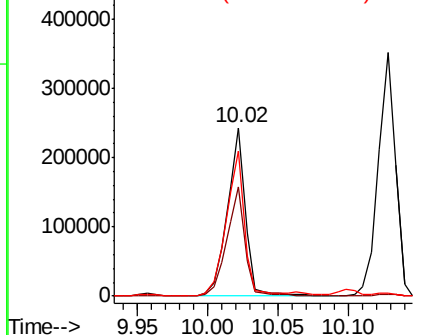
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	46.4	86.4
65	86.5	68.9	108.9

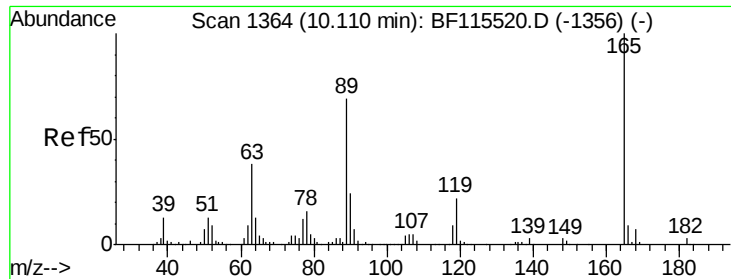
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





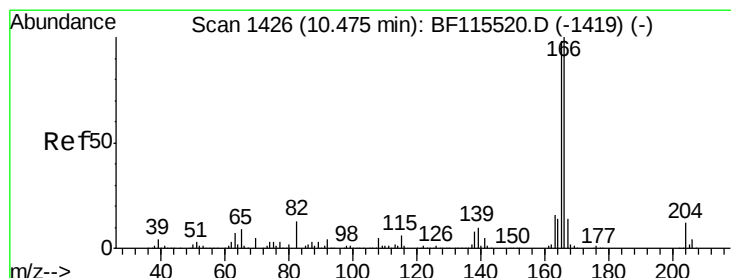
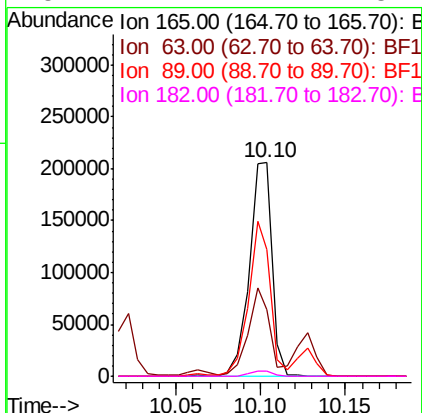
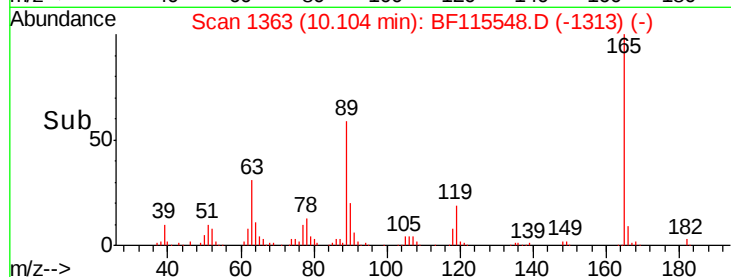
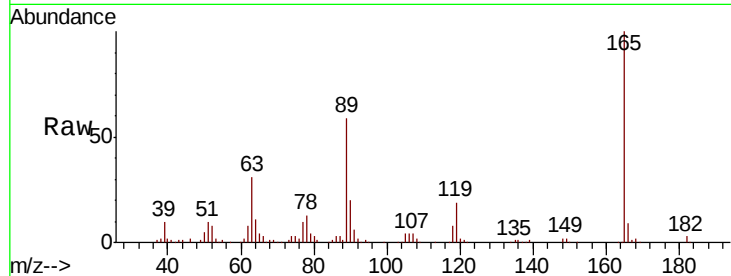
#57
2,4-Dinitrotoluene
Concen: 32.143 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194931		
63	31.3	34.9	52.3	
89	59.4	57.5	86.3	
182	2.7	2.2	3.4	

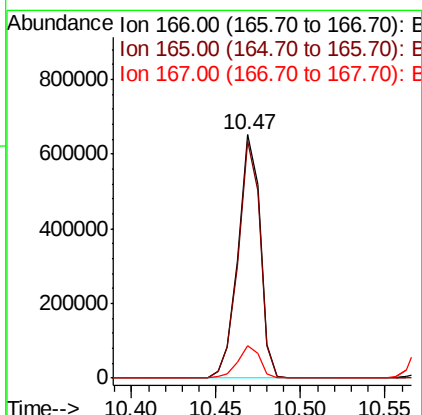
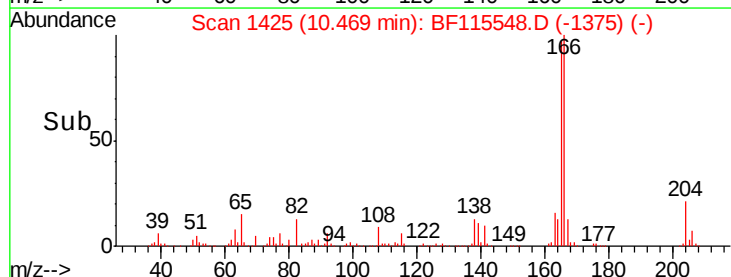
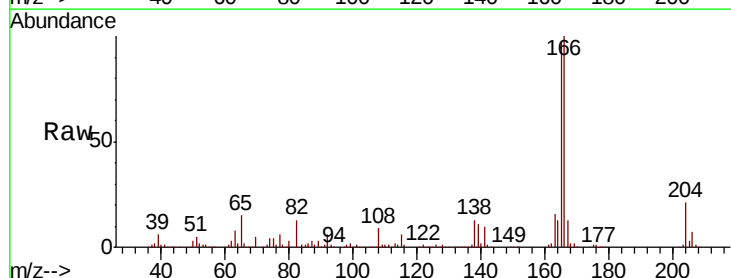
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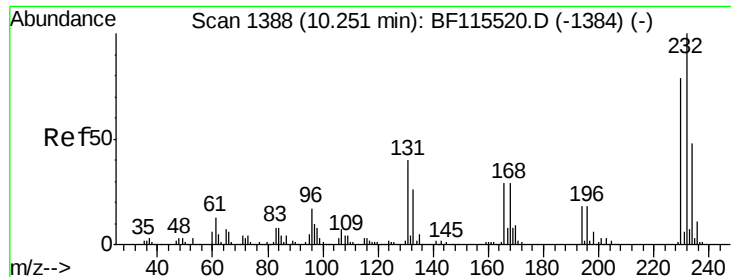
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#58
Fluorene
Concen: 34.268 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	593127		
165	97.3	79.8	119.6	
167	13.5	11.2	16.8	





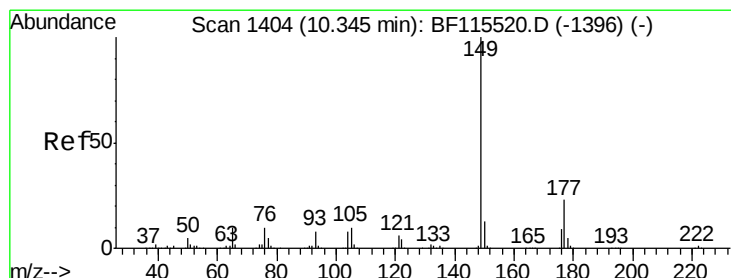
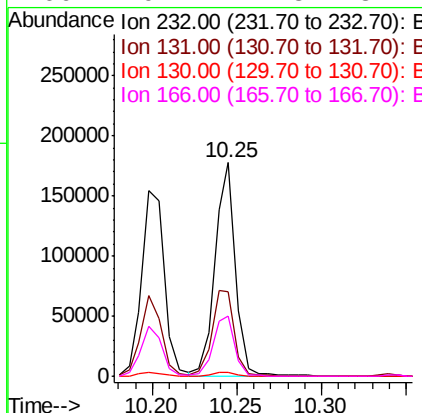
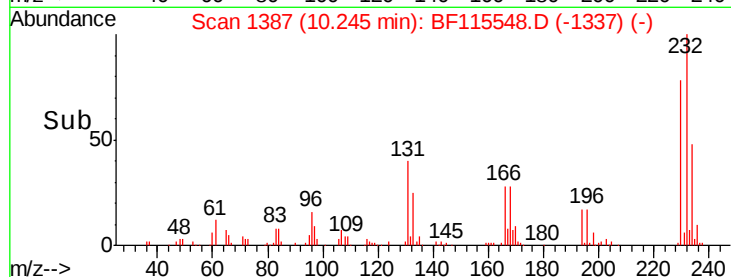
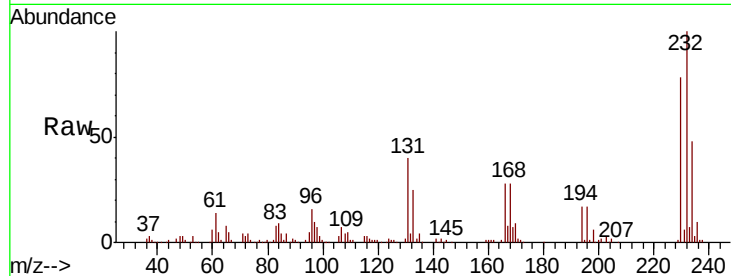
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.258 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	151015		
131	44.5	35.9	53.9	
130	2.1	1.8	2.6	
166	29.7	24.8	37.2	

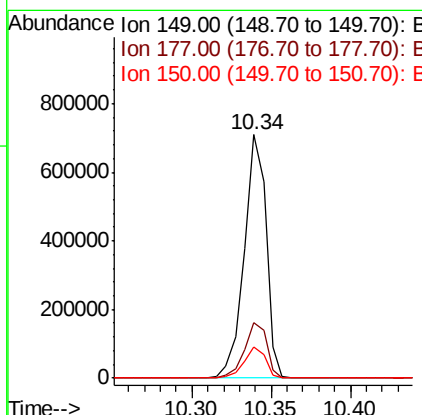
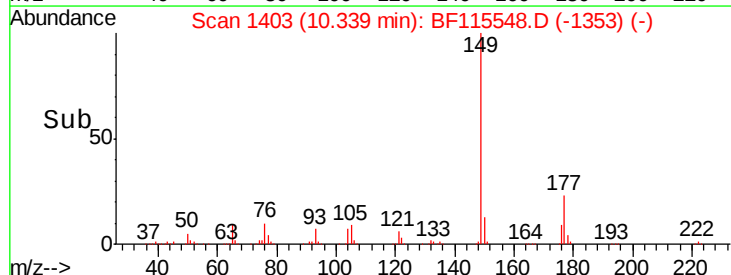
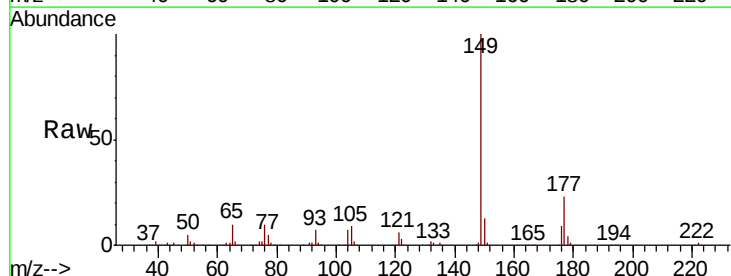
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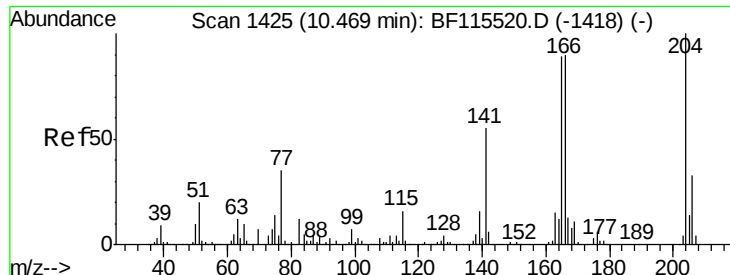
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#60
 Diethylphthalate
 Concen: 35.095 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	677320		
177	23.0	19.5	29.3	
150	12.7	10.4	15.6	





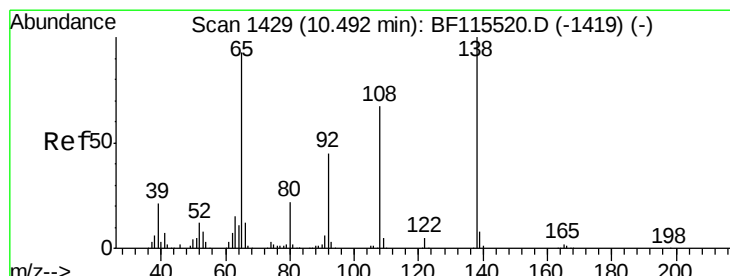
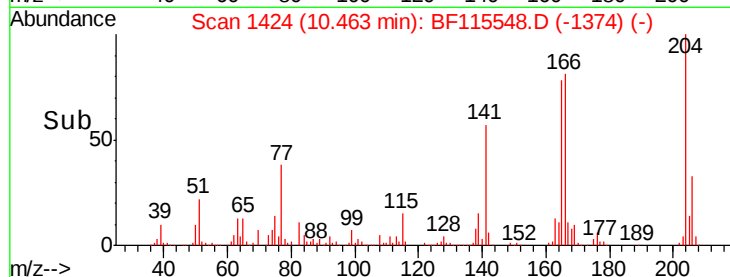
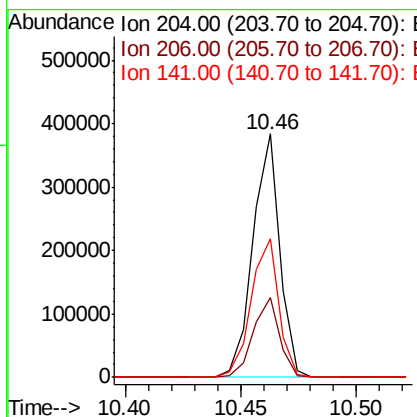
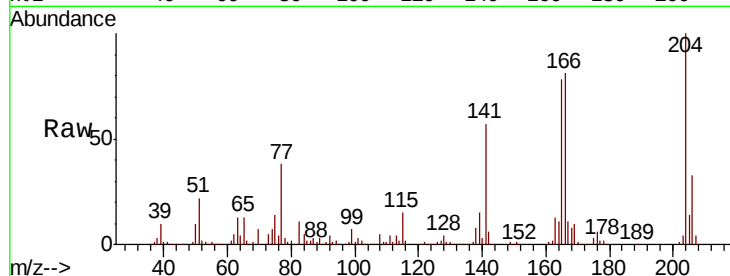
#61
 4-Chlorophenyl-phenylether
 Concen: 32.630 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion:	204	Resp:	313201
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.7	40.1
141	56.8	44.2	66.2

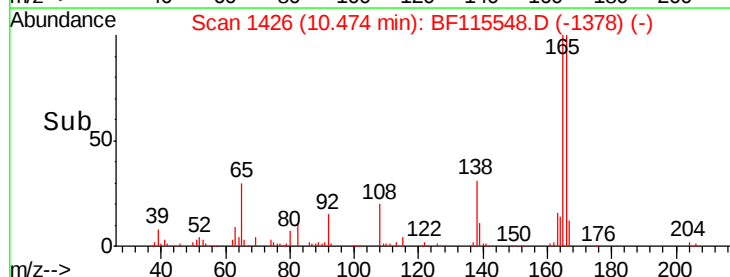
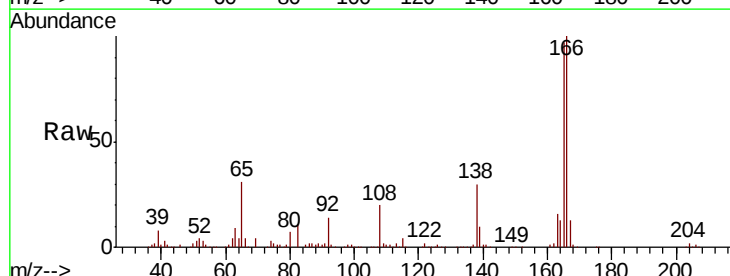
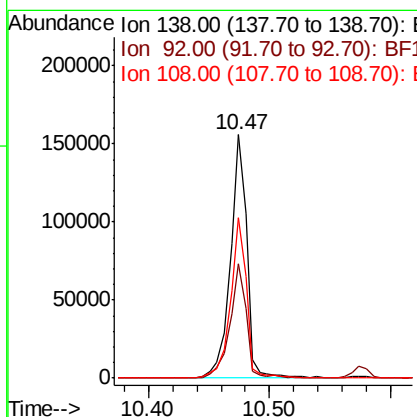
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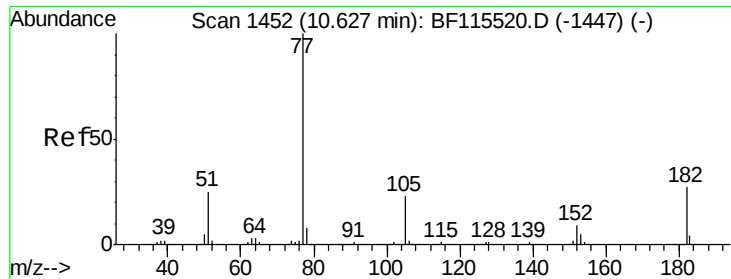
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#62
 4-Nitroaniline
 Concen: 28.805 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion:	138	Resp:	147804
Ion Ratio	Lower	Upper	
138	100		
92	47.0	27.1	67.1
108	66.1	48.0	88.0





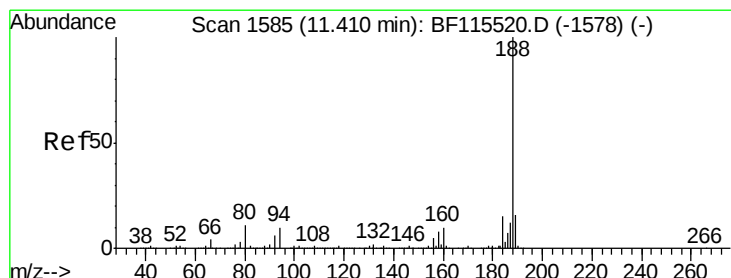
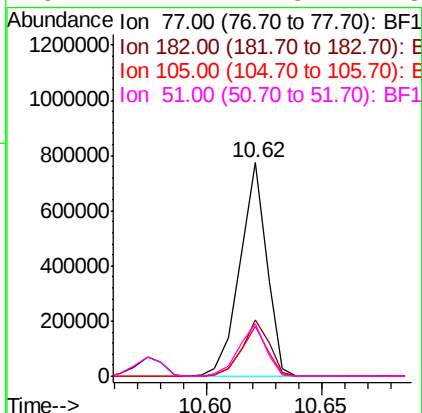
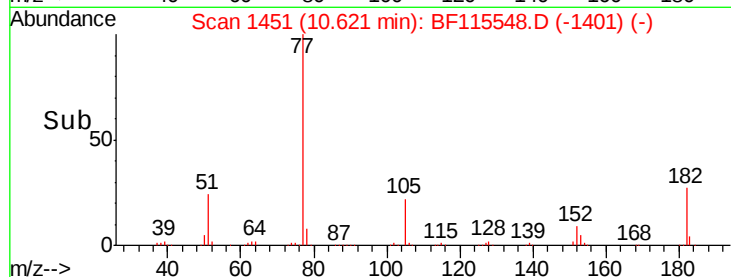
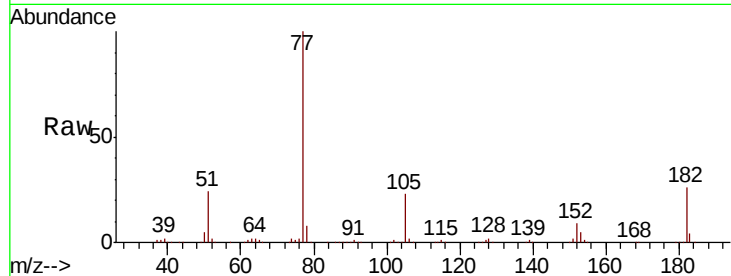
#63
Azobenzene
Concen: 33.593 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.4	6.9	46.9		
105	23.2	3.9	43.9		
51	24.4	7.3	47.3		

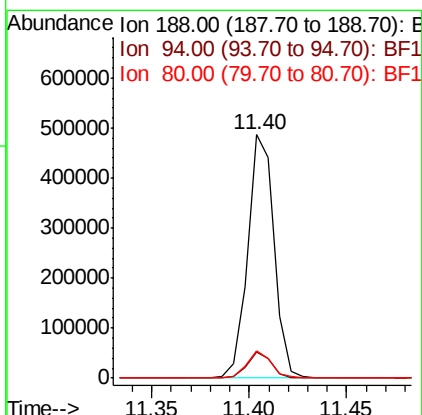
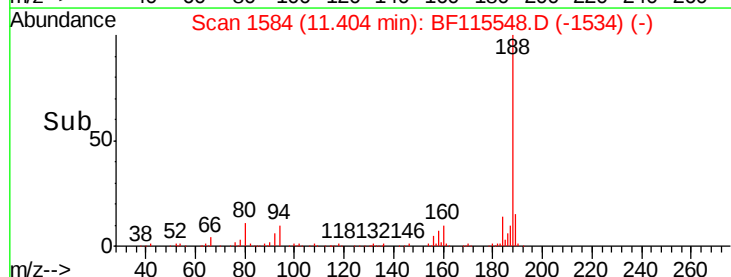
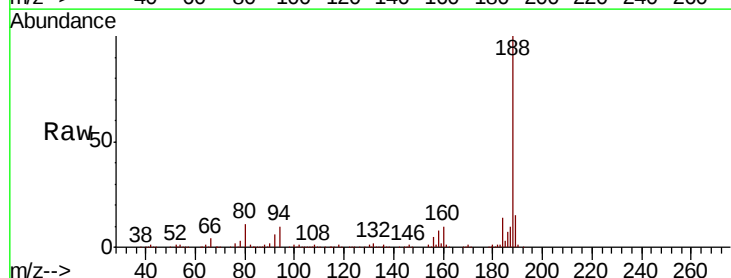
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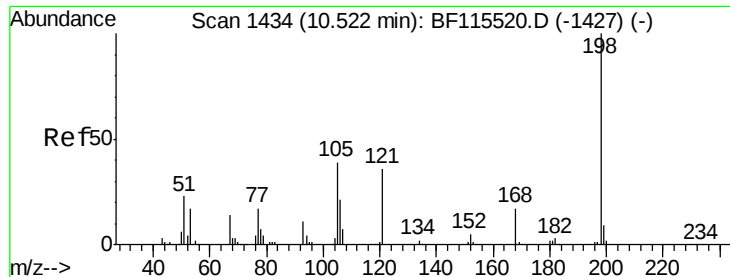
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.4	7.8	11.6		
80	11.4	8.6	13.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 10.512 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

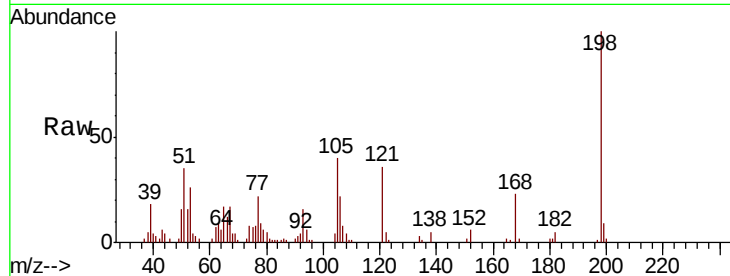
ClientSampled :

TP-1MSD

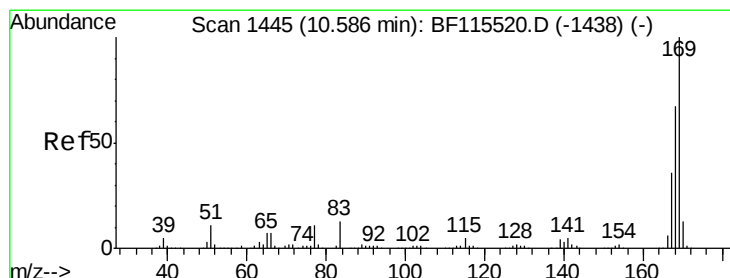
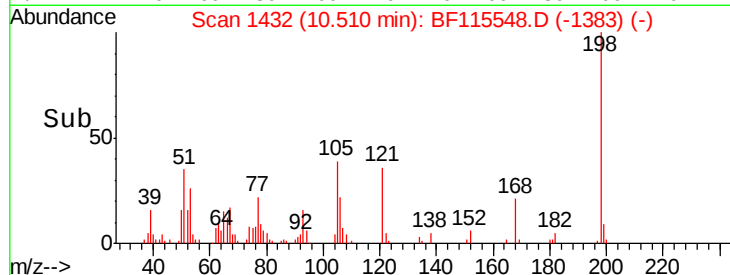
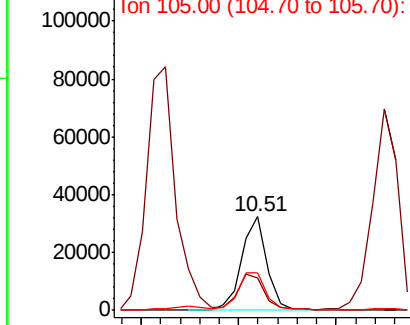
Tot Ion:	198	Resp:	29137
Ion Ratio	Lower	Upper	
198	100		
51	35.2	19.1	59.1
105	39.8	23.6	63.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.442 ng

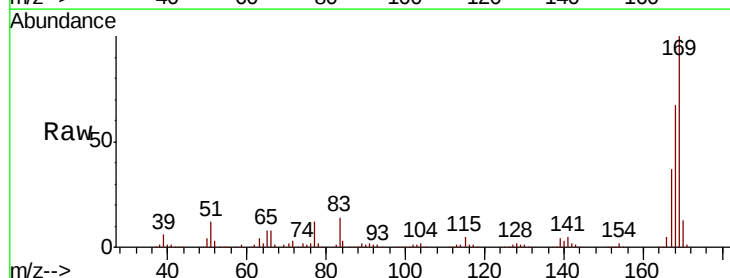
RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

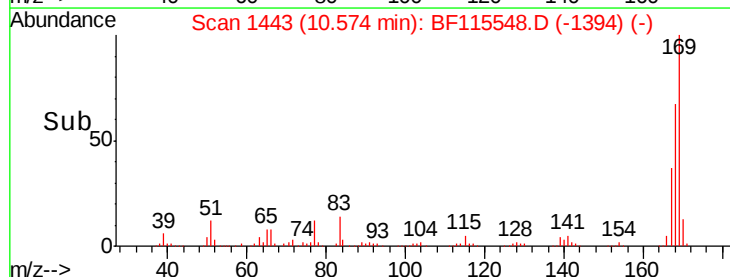
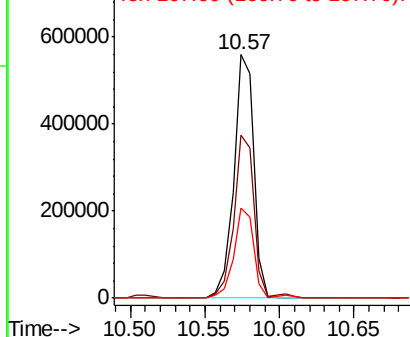
Lab File: BF115548.D

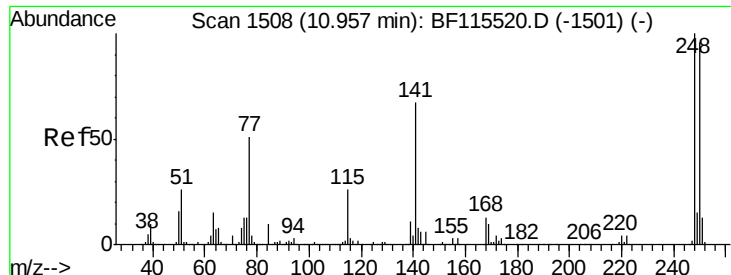
Acq: 13 Jul 2019 1:13

Tgt Ion:	169	Resp:	528400
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.3	81.5
167	36.9	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





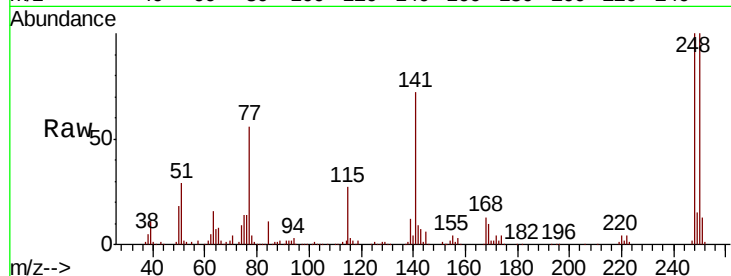
#67
 4-Bromophenyl-phenylether
 Concen: 35.362 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.0	117.0
141	72.2	57.7	86.5

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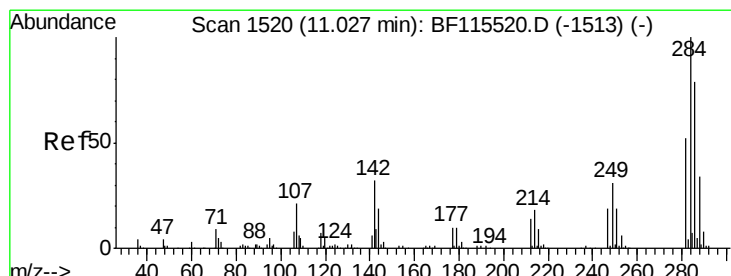
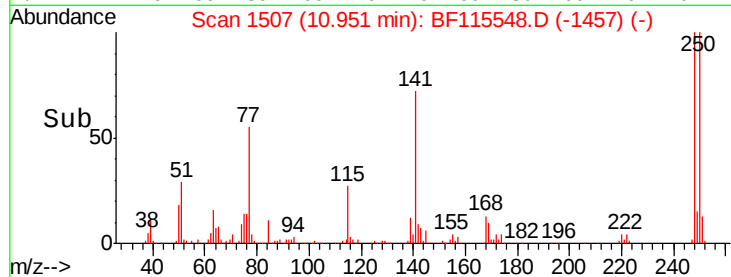
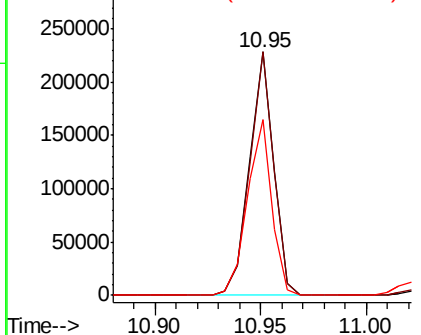


Abundance

Ion 248.00 (247.70 to 248.70): E

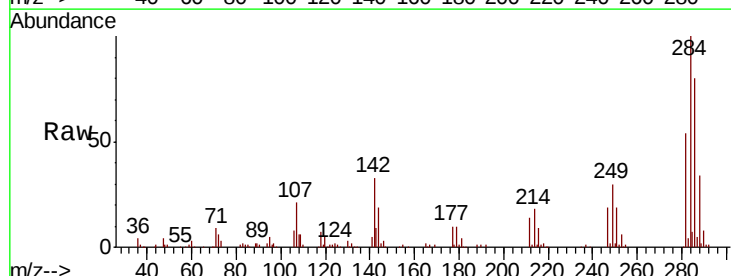
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 32.719 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.2	33.2
249	29.9	23.4	35.2

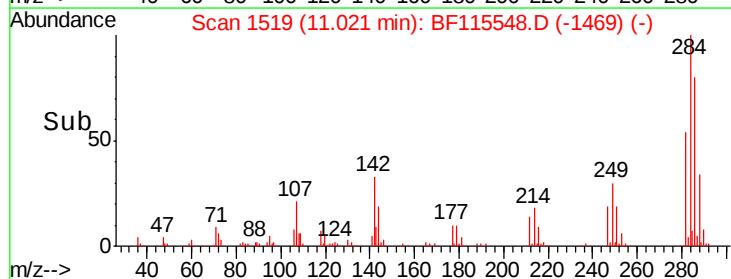
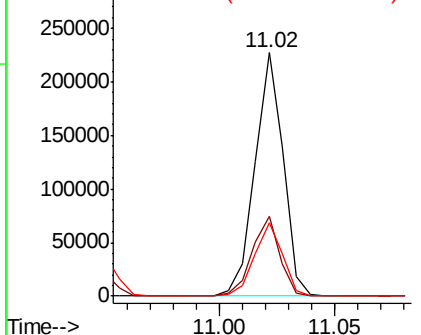


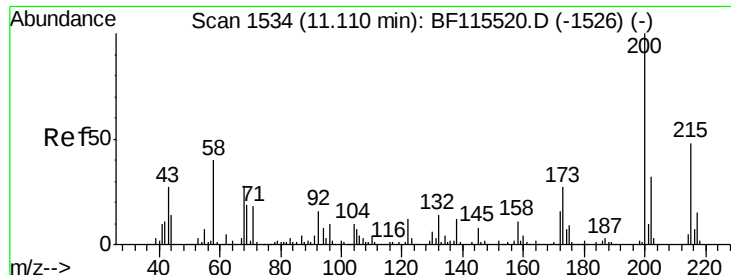
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





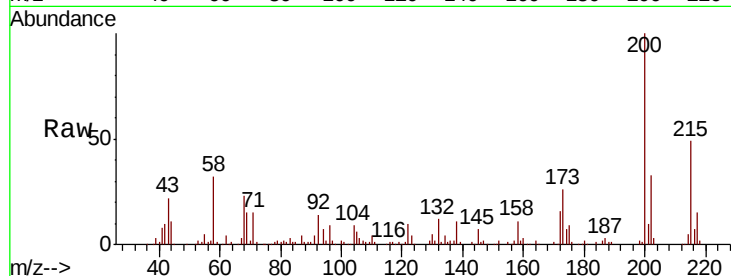
#69
Atrazine
Concen: 36.516 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

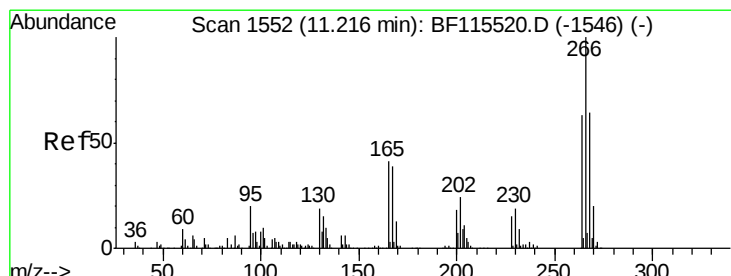
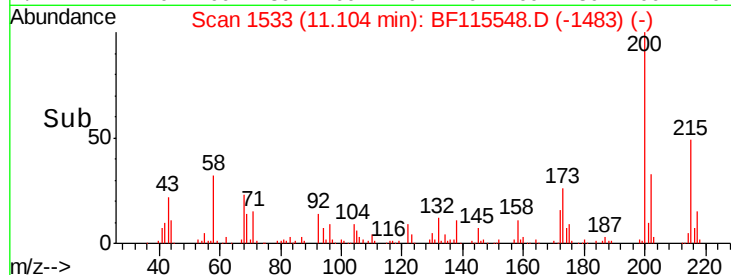
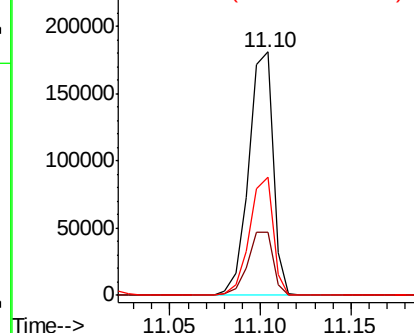
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.0	6.9	46.9
215	48.5	27.9	67.9

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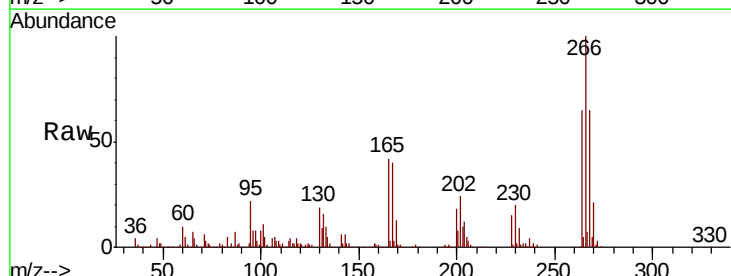


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

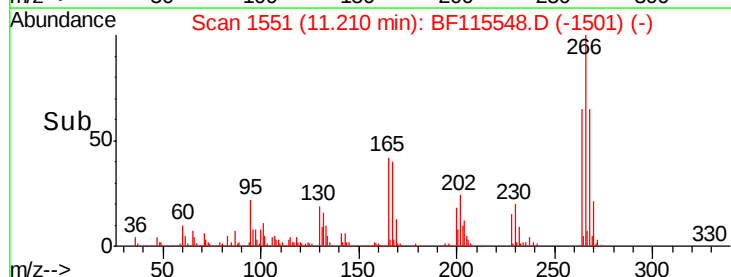
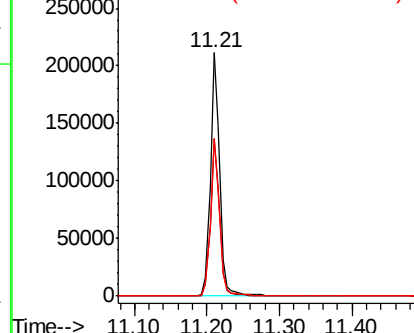


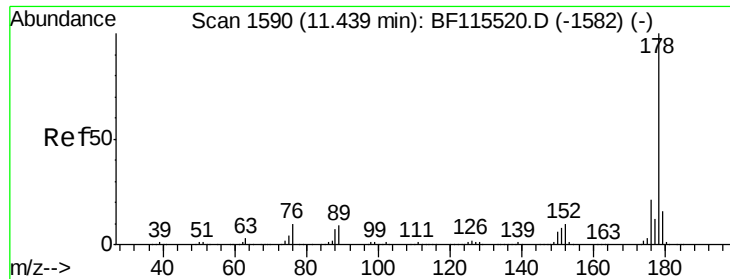
#70
Pentachlorophenol
Concen: 52.415 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.6	77.4
264	64.8	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





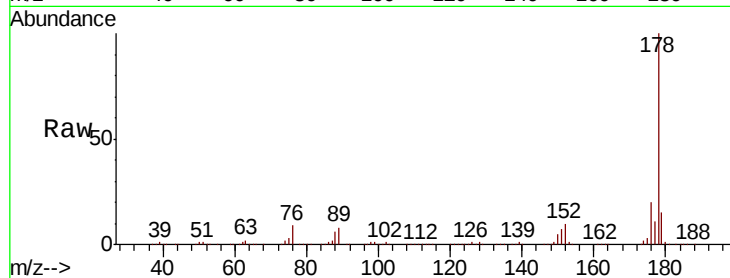
#71
Phenanthrene
Concen: 34.734 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

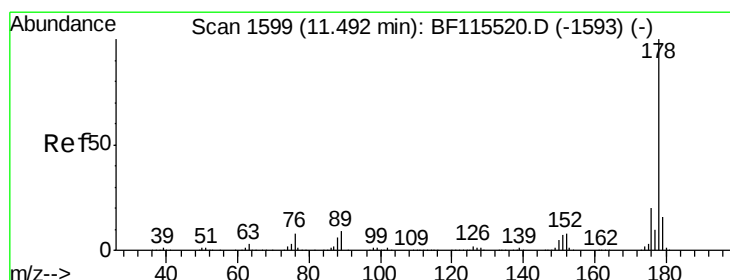
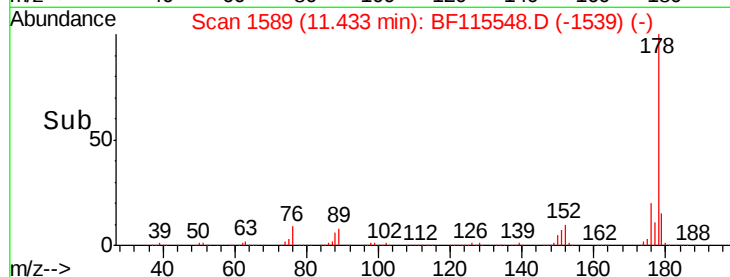
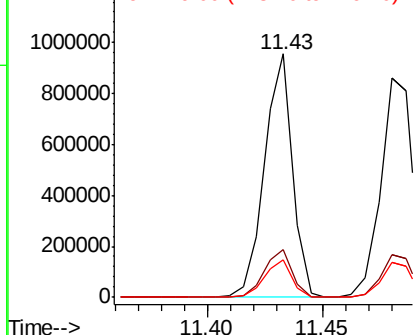
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.2	25.8
179	15.2	13.5	20.3

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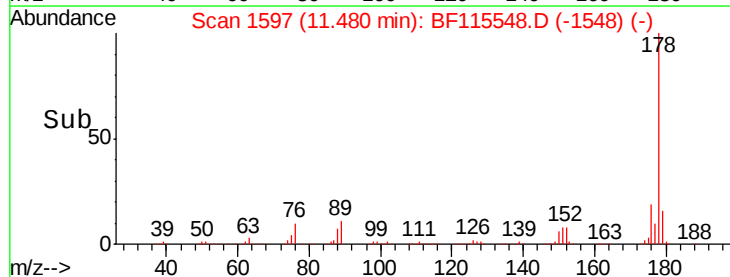
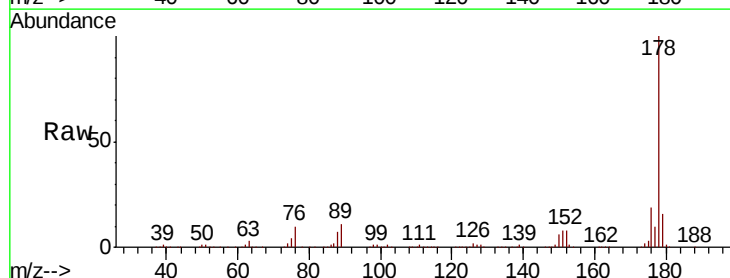
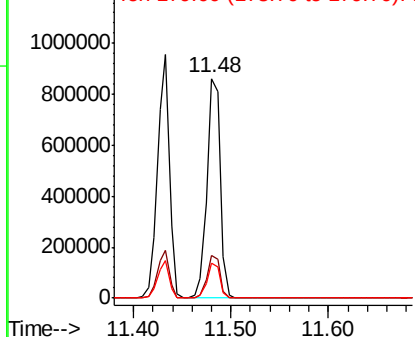
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

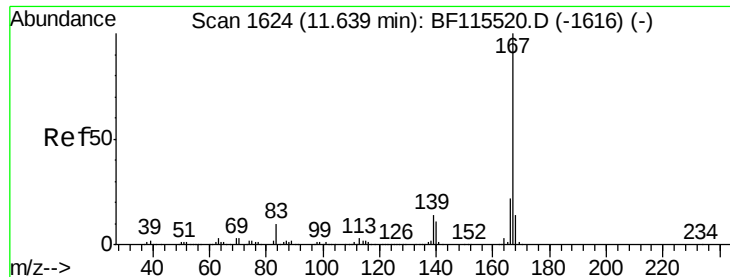


#72
Anthracene
Concen: 34.154 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.7	12.7	19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





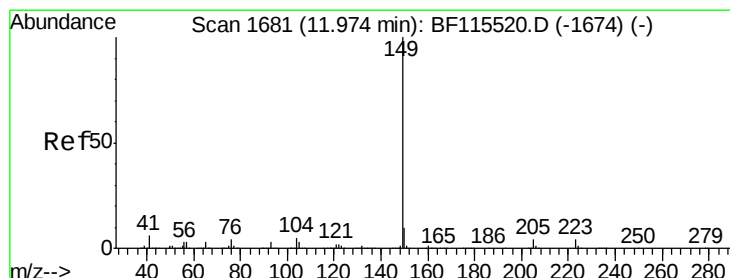
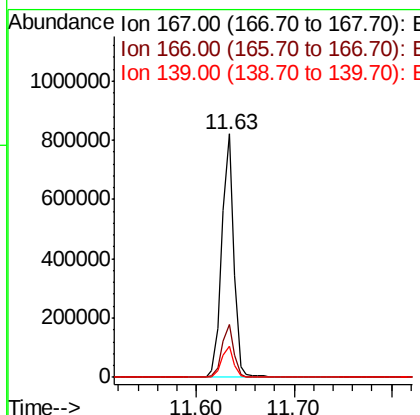
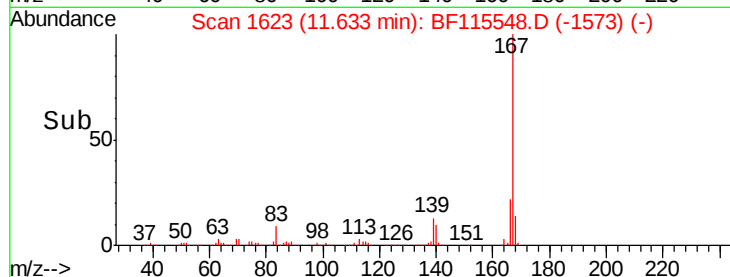
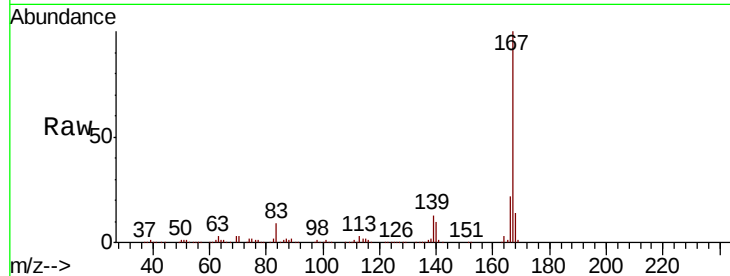
#73
 Carbazole
 Concen: 33.521 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.7	18.1	27.1		
139	12.7	11.3	16.9		

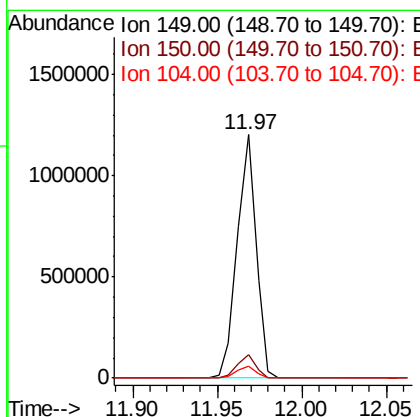
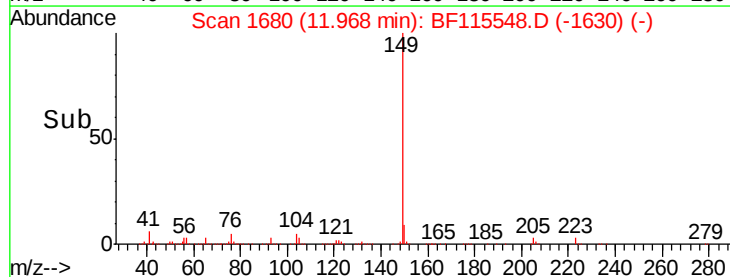
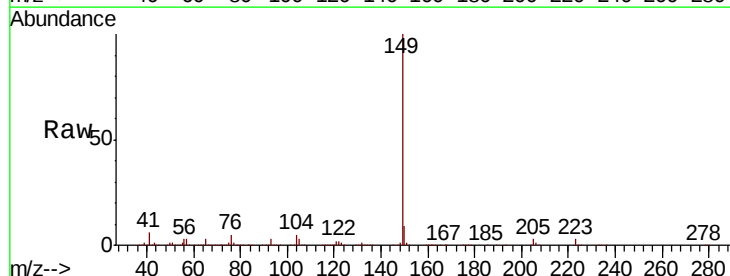
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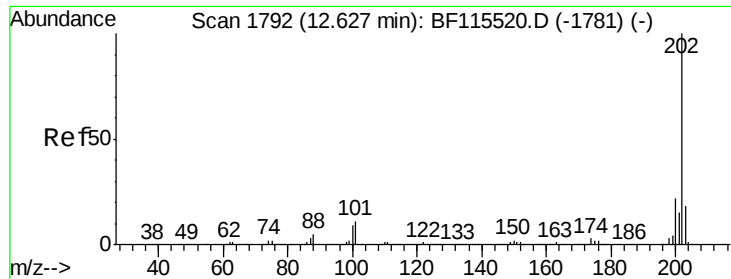
mohammad
 7/15/2019 2:57:44 PM



#74
 Di-n-butylphthalate
 Concen: 36.238 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.4	7.7	11.5		
104	4.8	3.8	5.8		





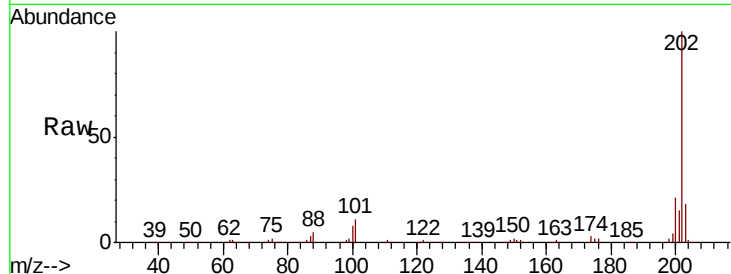
#75
Fluoranthene
Concen: 30.678 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.5	0.0	38.1

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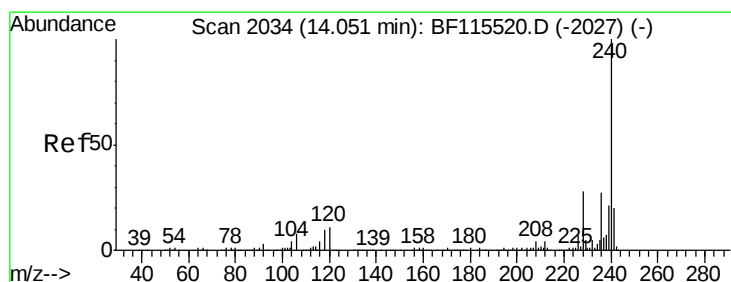
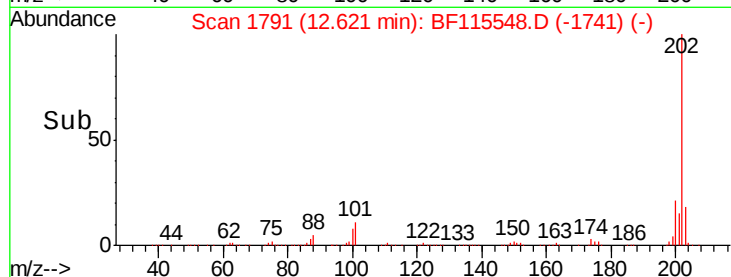
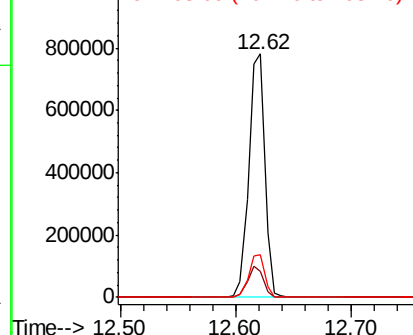


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

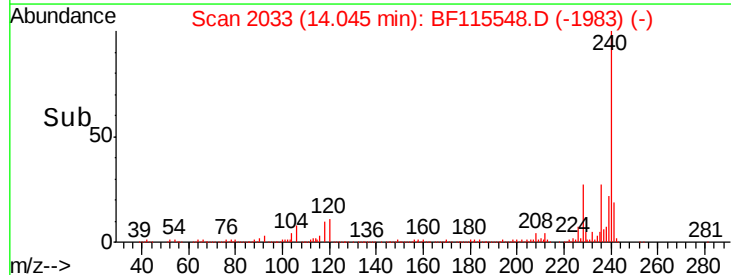
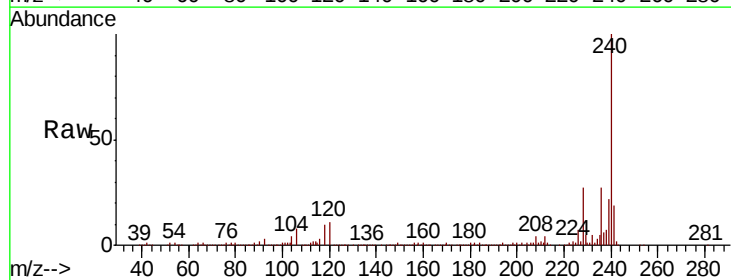
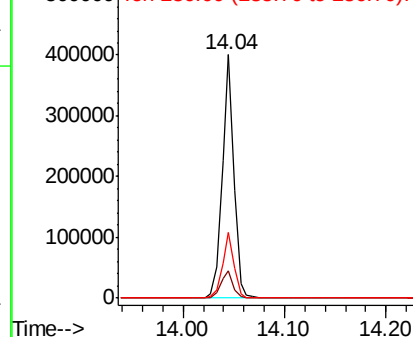
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	8.6	13.0
236	26.8	21.3	31.9

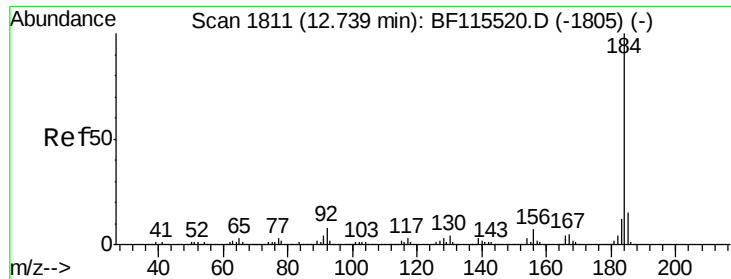
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





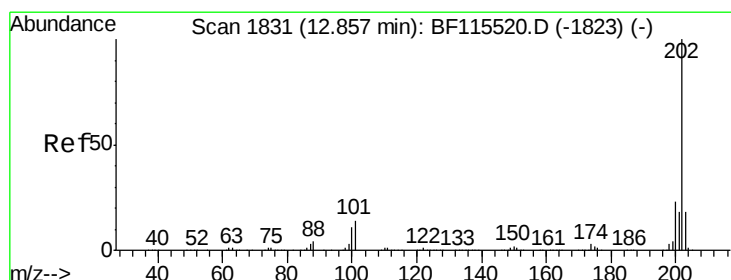
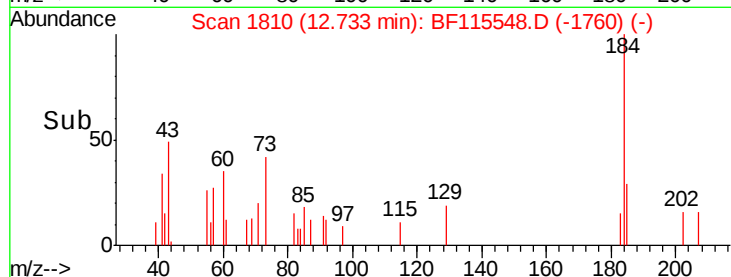
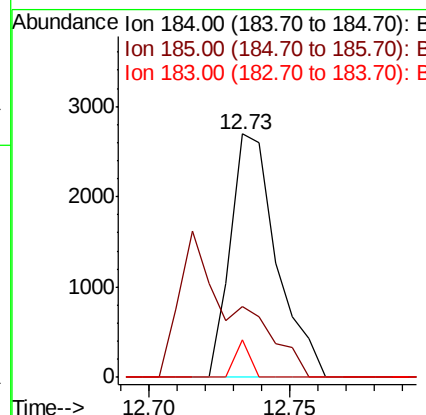
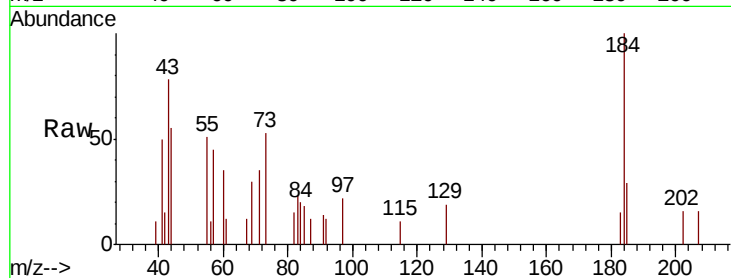
#77
Benzidine
Concen: 0.272 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	29.3	12.0	18.0#
183	15.2	9.3	13.9#

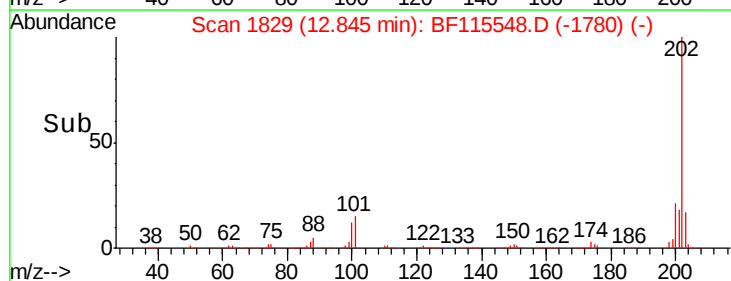
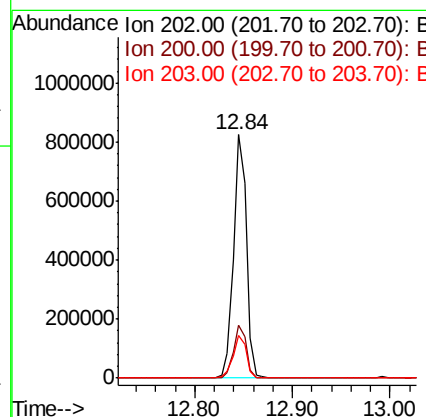
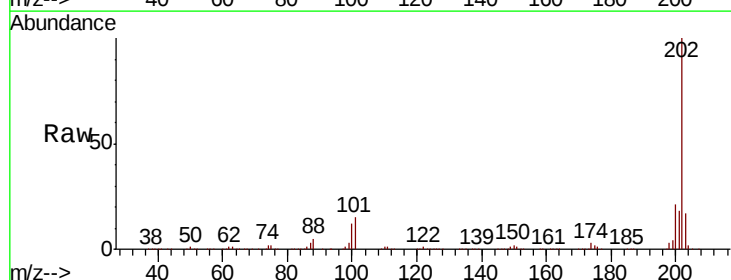
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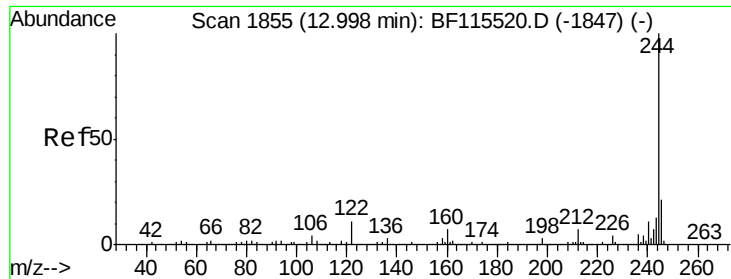
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#78
Pyrene
Concen: 28.007 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.7	28.1
203	17.4	15.2	22.8





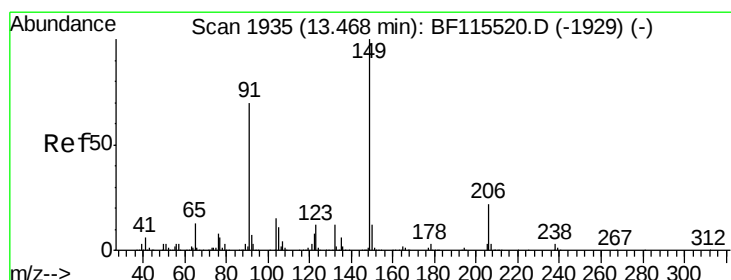
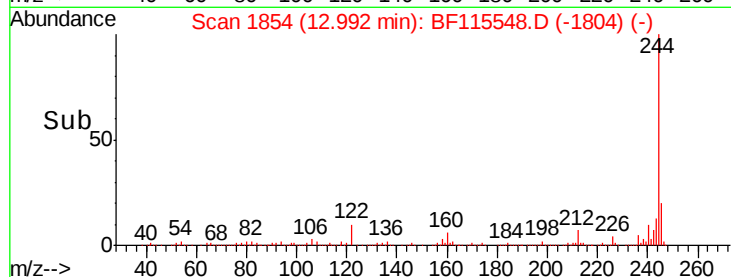
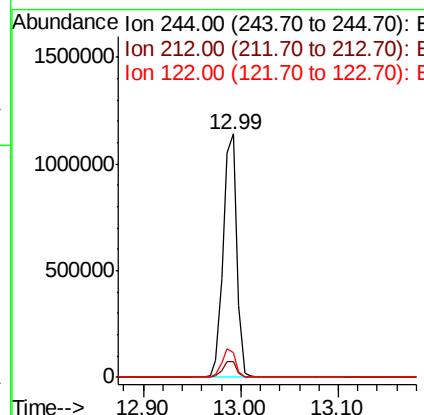
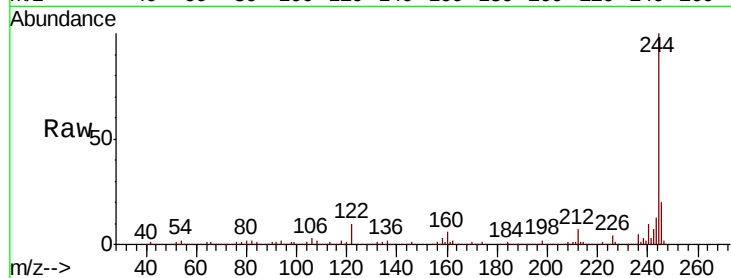
#79
 Terphenyl-d14
 Concen: 63.930 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	10.4	8.6	12.8

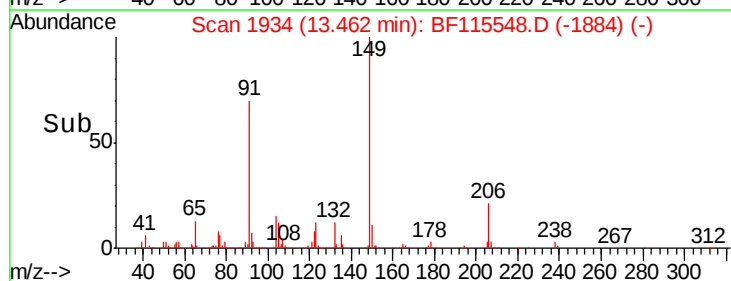
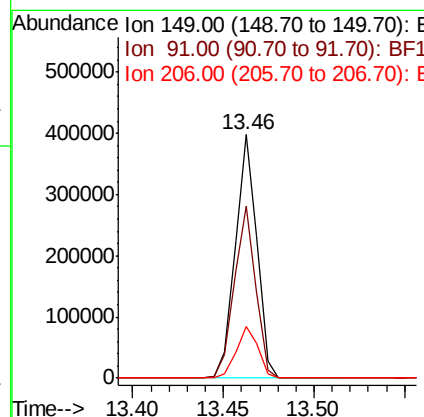
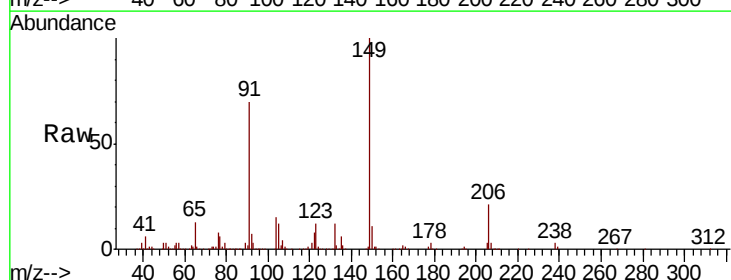
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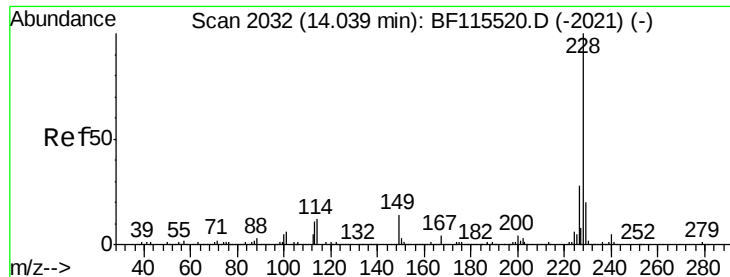
mohammad
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#80
 Butylbenzylphthalate
 Concen: 28.581 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	55.8	83.8
206	21.1	18.2	27.2





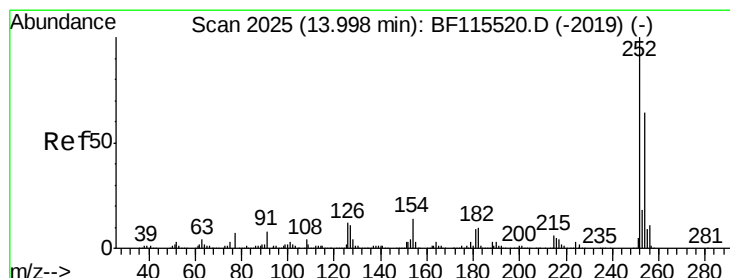
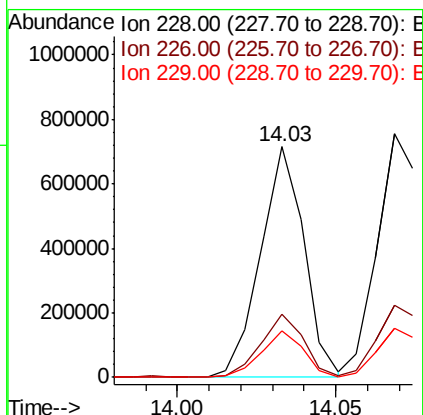
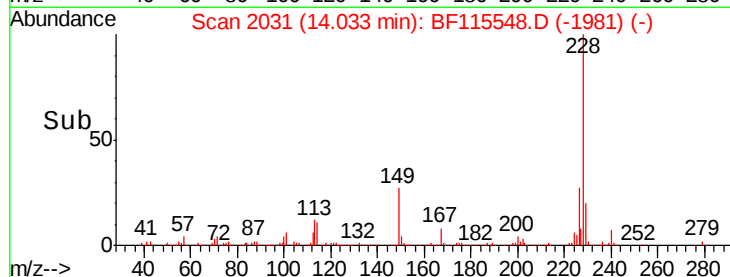
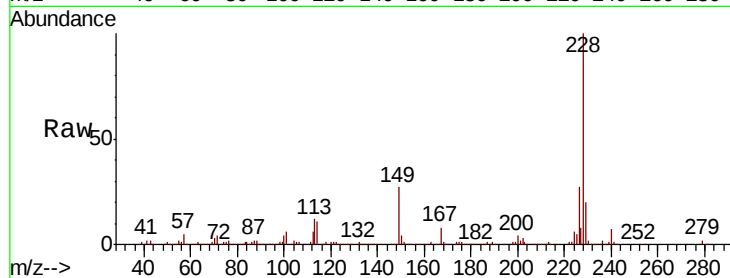
#81
Benzo(a)anthracene
Concen: 32.524 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	20.0	17.2	25.8

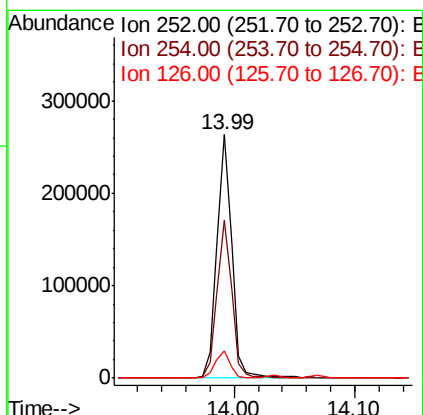
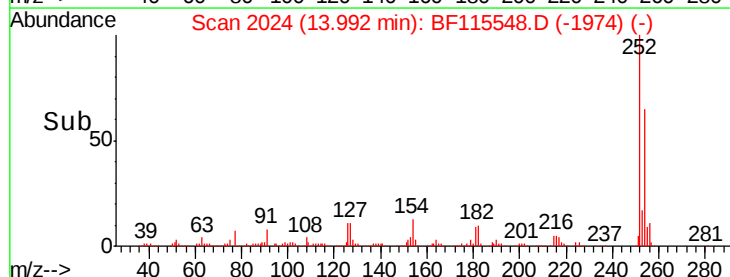
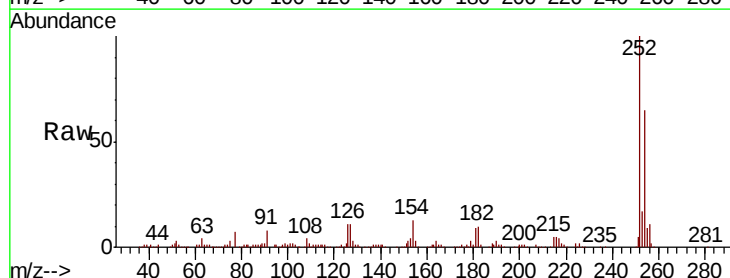
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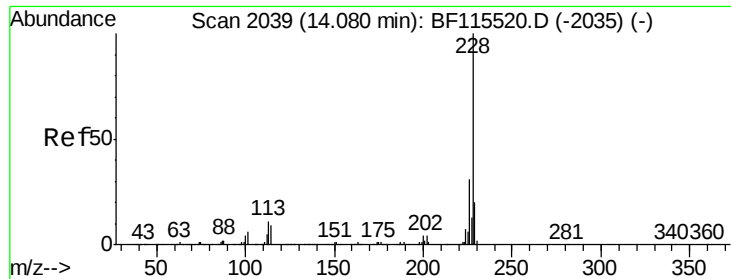
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.811 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.9	79.3
126	11.4	9.9	14.9





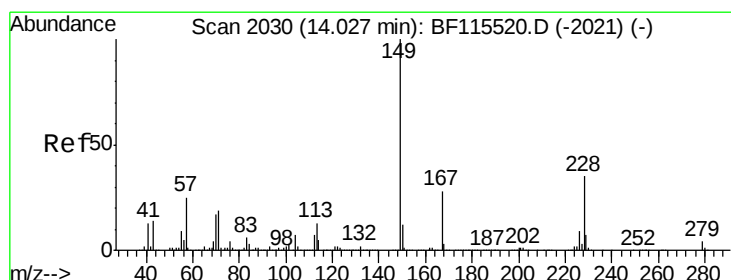
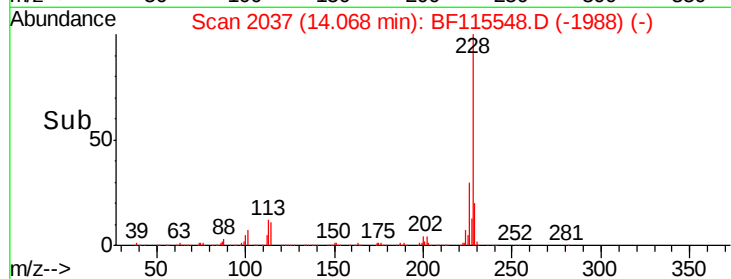
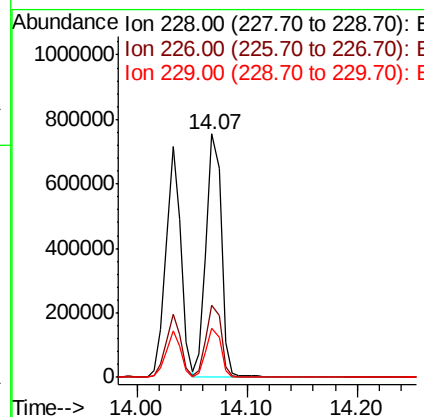
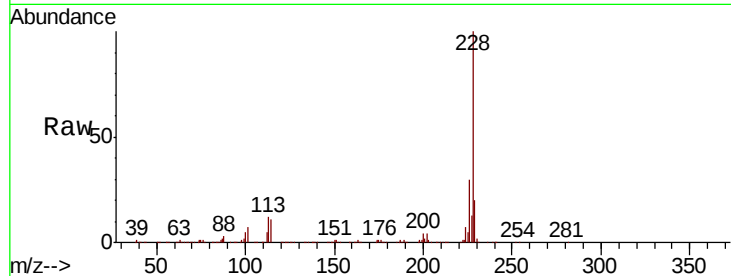
#83
Chrysene
Concen: 33.351 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.7	38.5
229	20.3	16.6	25.0

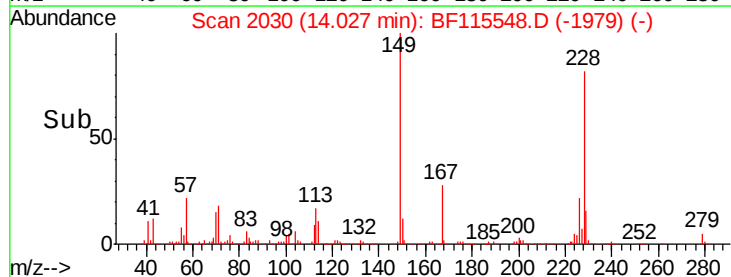
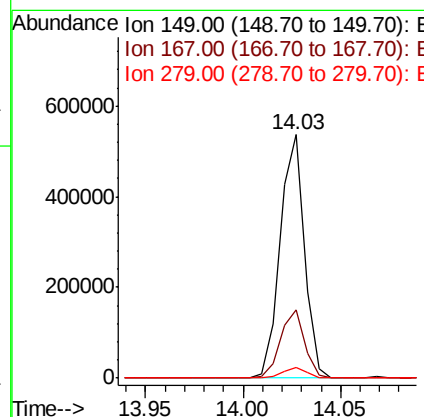
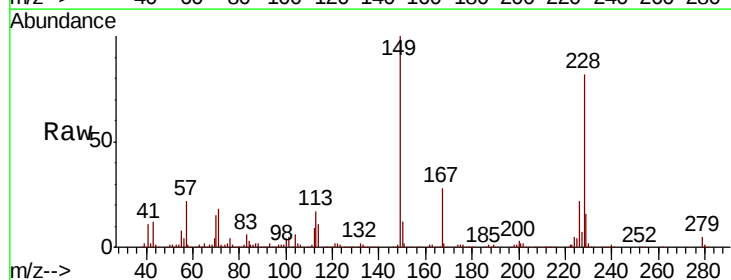
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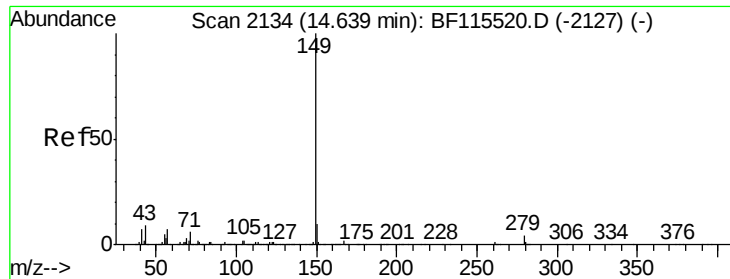
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.301 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	4.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 36.441 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

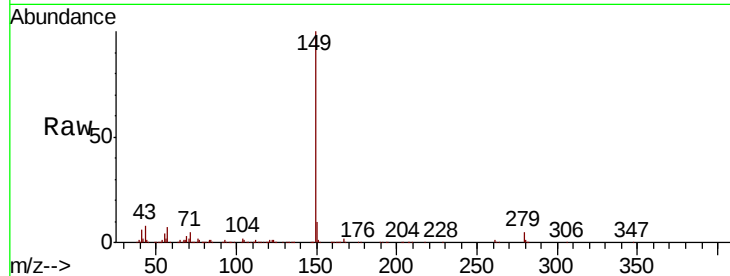
ClientSampled :

TP-1MSD

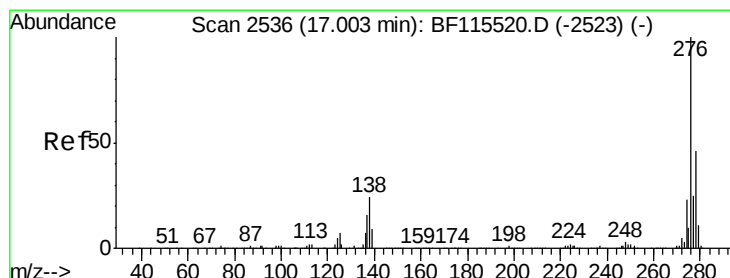
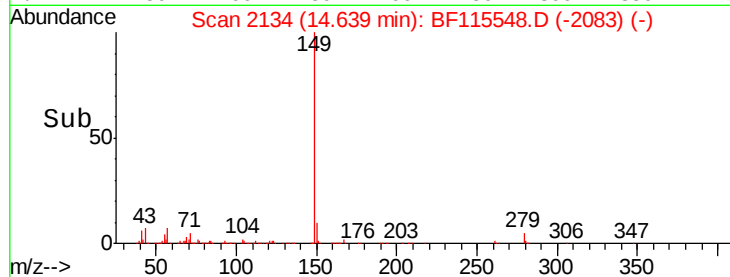
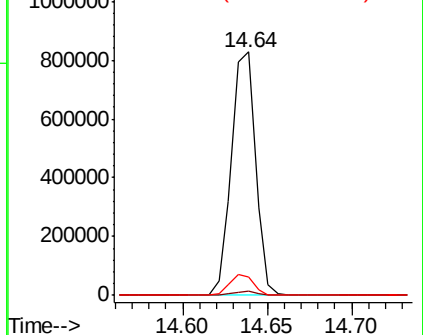
Tot Ion:	149	Resp:	827430
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.4	2.0
43	8.3	7.2	10.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.308 ng

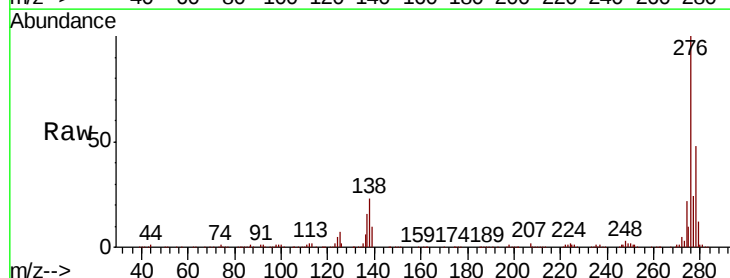
RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

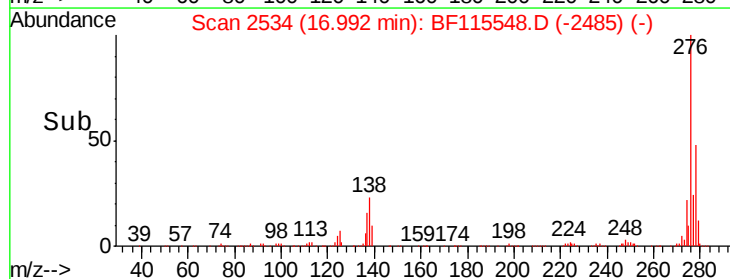
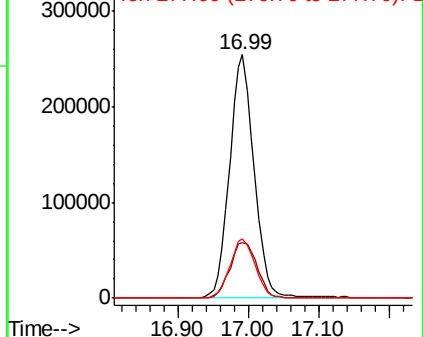
Lab File: BF115548.D

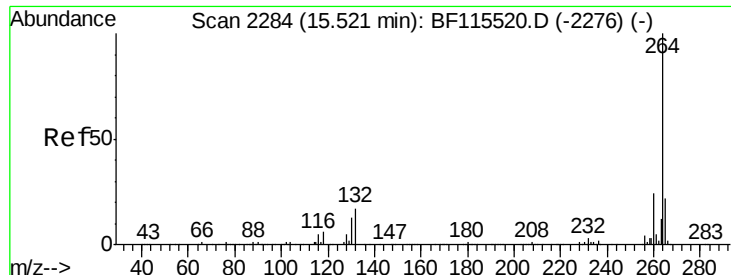
Acq: 13 Jul 2019 1:13

Tgt Ion:	276	Resp:	614888
Ion Ratio	Lower	Upper	
276	100		
138	25.6	20.2	30.2
277	25.2	20.4	30.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

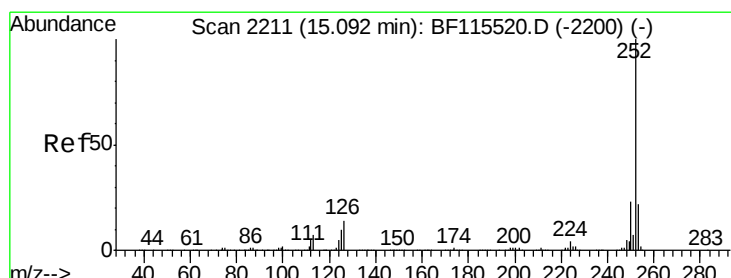
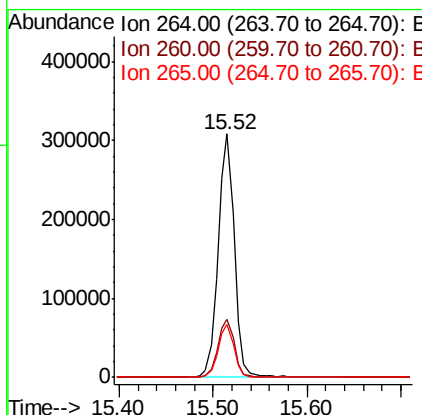
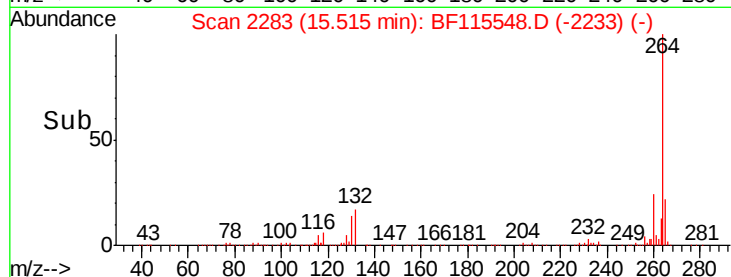
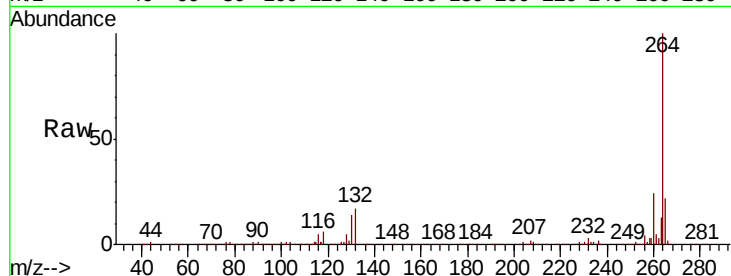
ClientSampleId :

TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
371222	264	100		
	260	23.9	19.8	29.8
	265	21.9	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 30.680 ng

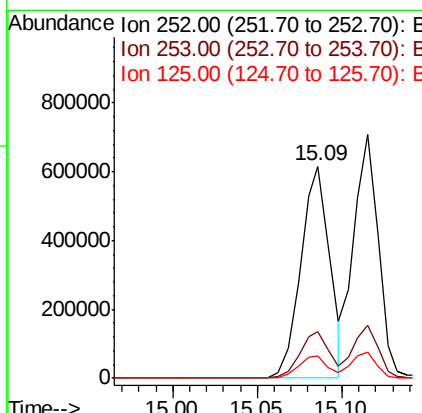
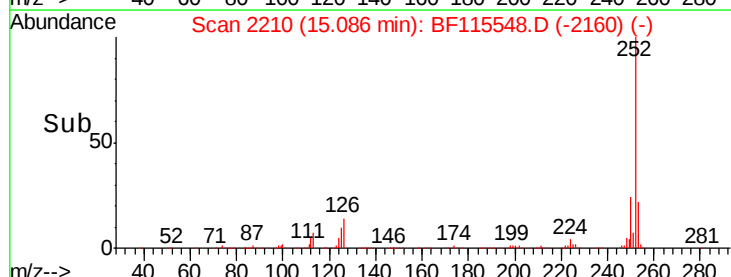
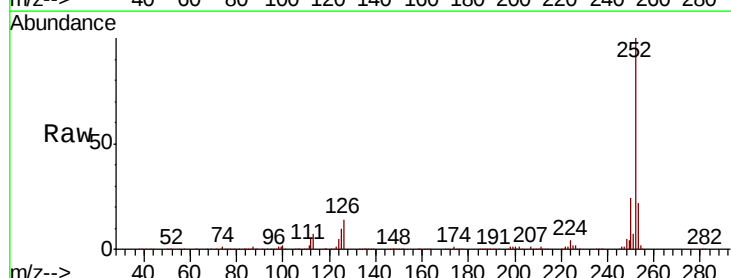
RT: 15.09 min Scan# 2210

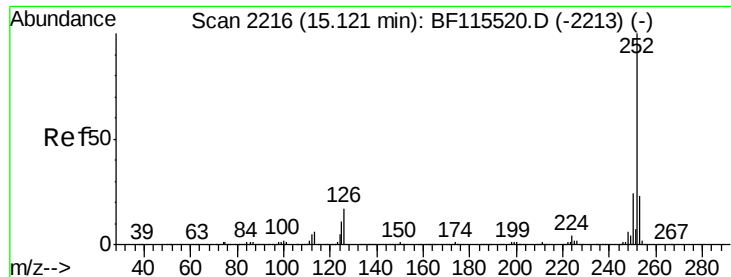
Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion	Ion	Ratio	Lower	Upper
733366	252	100		
	253	22.0	18.1	27.1
	125	10.4	9.0	13.4





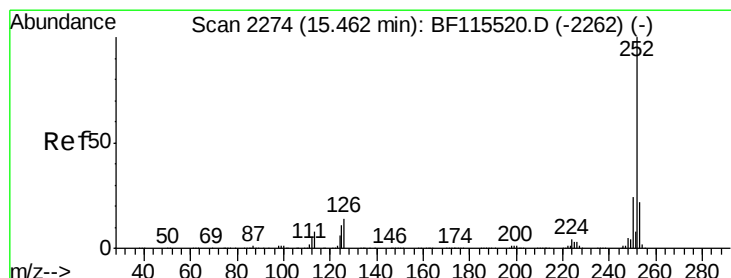
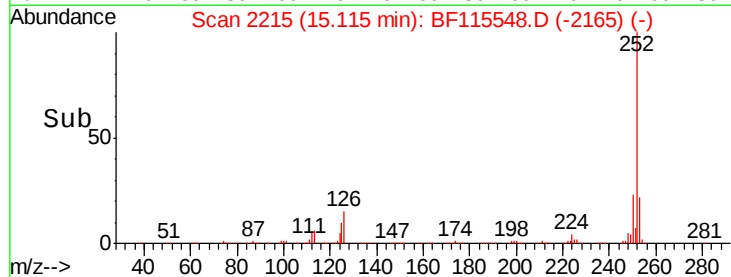
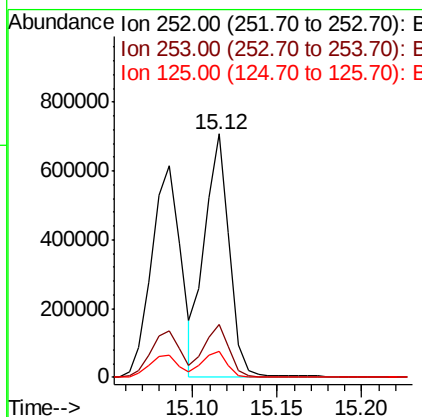
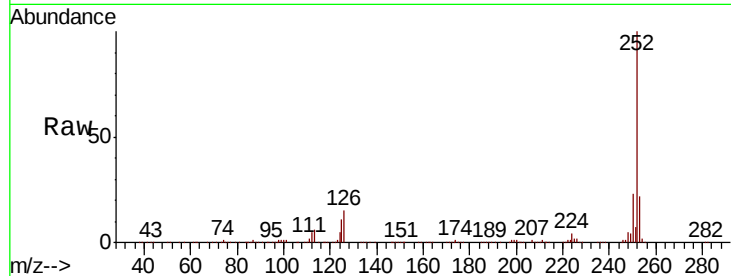
#89
Benzo(k)fluoranthene
Concen: 33.690 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	28.0
125	10.6	9.0	13.6

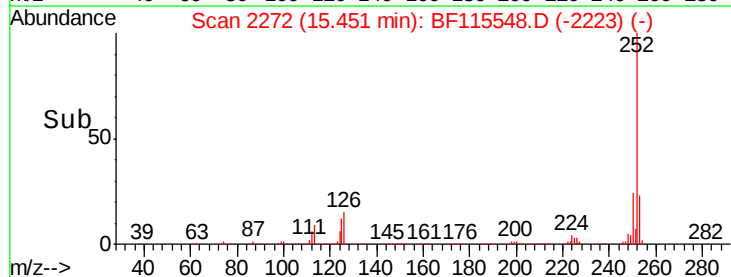
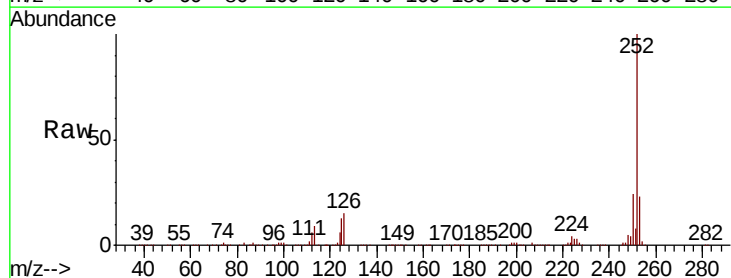
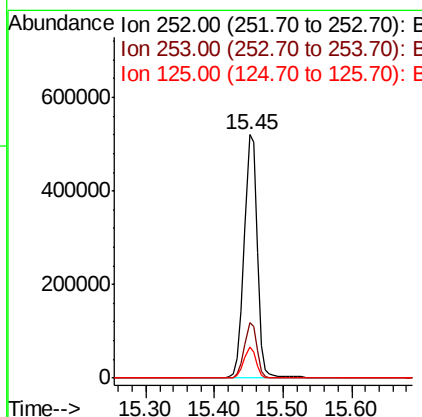
Manual Integrations
APPROVED

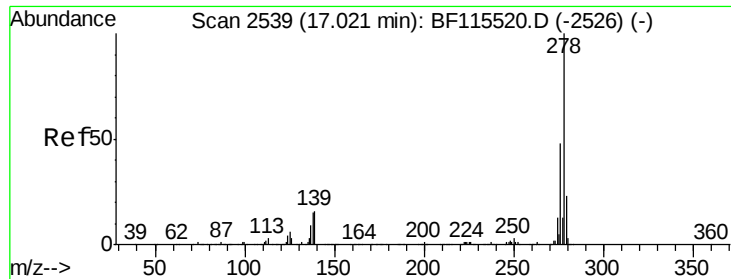
mohammad
7/15/2019 2:57:44 PM



#90
Benzo(a)pyrene
Concen: 33.320 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.6	9.1	13.7





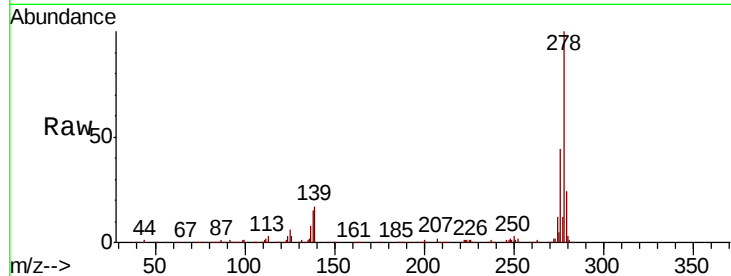
#91
Dibenzo(a,h)anthracene
Concen: 29.220 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	24.3	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/15/2019 2:57:44 PM

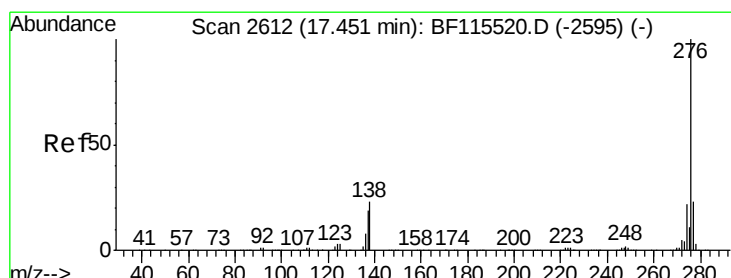
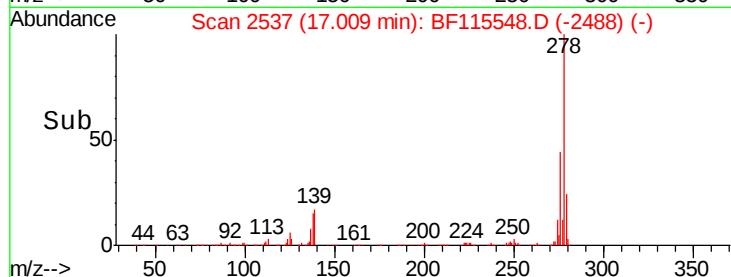
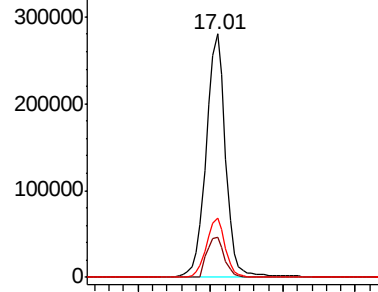


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 26.182 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	22.1	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

