

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115547.D
 Acq On : 13 Jul 2019 00:45
 Operator : HP/JU
 Sample : K3768-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
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 7/15/2019 2:57:40 PM

Quant Time: Jul 15 03:58:40 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	145774	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	548838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	251220	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	419145	20.00	ng	0.00
76) Chrysene-d12	14.04	240	292858	20.00	ng	0.00
87) Perylene-d12	15.52	264	339301	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1164685	130.69	ng	0.01
7) Phenol-d6	6.52	99	1511743	133.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	966257	102.37	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	355704	121.30	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1662047	115.80	ng	0.00
79) Terphenyl-d14	12.99	244	1377585	86.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	164209	36.939	ng	99
3) Pyridine	3.56	79	9936	0.824	ng	92
4) n-Nitrosodimethylamine	3.42	42	177698	40.612	ng	98
6) Aniline	6.55	93	183955	11.689	ng	99
8) 2-Chlorophenol	6.67	128	440210	42.963	ng	96
9) Benzaldehyde	6.43	77	265805	37.614	ng	95
10) Phenol	6.53	94	531536	40.491	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	421651	42.188	ng	98
12) 1,3-Dichlorobenzene	6.83	146	474261	41.168	ng	99
13) 1,4-Dichlorobenzene	6.90	146	479496	41.716	ng	98
14) 1,2-Dichlorobenzene	7.06	146	448045	42.642	ng	97
15) Benzyl Alcohol	7.02	79	397437	44.304	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	556487	42.292	ng	97
17) 2-Methylphenol	7.13	107	375904	42.571	ng	99
18) Hexachloroethane	7.40	117	164597	38.581	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	305516	41.425	ng	97
20) 3+4-Methylphenols	7.29	107	443969	42.329	ng	98
22) Acetophenone	7.29	105	606060	48.880	ng	# 93
24) Nitrobenzene	7.46	77	472819	46.443	ng	96
25) Isophorone	7.70	82	857605	45.406	ng	99
26) 2-Nitrophenol	7.78	139	227826	43.477	ng	97
27) 2,4-Dimethylphenol	7.82	122	388445	49.543	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	541042	46.694	ng	98
29) 2,4-Dichlorophenol	8.02	162	373530	45.809	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	417676	45.315	ng	98
31) Naphthalene	8.19	128	1258015	47.329	ng	97
32) Benzoic acid	7.87	122	23857	3.708	ng	94
33) 4-Chloroaniline	8.23	127	212650	18.061	ng	99
34) Hexachlorobutadiene	8.31	225	233998	44.270	ng	99
35) Caprolactam	8.59	113	84382m	33.489	ng	
36) 4-Chloro-3-methylphenol	8.71	107	380931	45.036	ng	99
37) 2-Methylnaphthalene	8.88	142	826430	46.905	ng	98
38) 1-Methylnaphthalene	8.98	142	775831	46.358	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	382757	50.595	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	171360	39.709	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	253947	45.902	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	259246	45.757	ng	97
46) 1,1'-Biphenyl	9.35	154	997843	50.806	ng	98
47) 2-Chloronaphthalene	9.37	162	783264	47.896	ng	98
48) 2-Nitroaniline	9.46	65	232125	45.860	ng	98
49) Acenaphthylene	9.79	152	1165043	48.079	ng	98
50) Dimethylphthalate	9.65	163	1202900	63.642	ng	99
51) 2,6-Dinitrotoluene	9.70	165	203095	47.282	ng	90
52) Acenaphthene	9.96	154	692212	44.247	ng	99
53) 3-Nitroaniline	9.87	138	173952	35.438	ng	95
54) 2,4-Dinitrophenol	9.97	184	21016	9.530	ng	# 1
55) Dibenzofuran	10.13	168	1022820	46.038	ng	99
56) 4-Nitrophenol	10.03	139	282749	75.540	ng	95
57) 2,4-Dinitrotoluene	10.10	165	249352	44.808	ng	94
58) Fluorene	10.47	166	734334	46.235	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	190538	40.230	ng	99
60) Diethylphthalate	10.35	149	858473	48.475	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	386900	43.927	ng	97
62) 4-Nitroaniline	10.48	138	188123	39.955	ng	99
63) Azobenzene	10.62	77	794006	46.224	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	32645	12.748	ng	100
66) n-Nitrosodiphenylamine	10.58	169	674862	51.761	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	232263	48.491	ng	99
68) Hexachlorobenzene	11.02	284	247648	45.274	ng	# 91
69) Atrazine	11.10	200	208343	48.710	ng	100
70) Pentachlorophenol	11.21	266	227874	68.112	ng	99
71) Phenanthrene	11.43	178	1019392	47.447	ng	98
72) Anthracene	11.49	178	1050538	47.313	ng	99
73) Carbazole	11.63	167	903704	46.412	ng	99
74) Di-n-butylphthalate	11.97	149	1181381	49.257	ng	100
75) Fluoranthene	12.62	202	960261	42.295	ng	100
77) Benzidine	12.73	184	5070	0.489	ng	# 87
78) Pyrene	12.85	202	968821	39.046	ng	97
80) Butylbenzylphthalate	13.46	149	423950	40.081	ng	98
81) Benzo(a)anthracene	14.03	228	847101	43.906	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	261409	38.113	ng	97
83) Chrysene	14.07	228	883928	45.638	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	587085	44.809	ng	99
85) Di-n-octyl phthalate	14.64	149	1058717	50.787	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	748841	45.509	ng	100
88) Benzo(b)fluoranthene	15.09	252	970603	44.425	ng	99
89) Benzo(k)fluoranthene	15.12	252	857778	44.036	ng	98
90) Benzo(a)pyrene	15.46	252	850186	45.275	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	653681	39.652	ng	98
92) Benzo(g,h,i)perylene	17.44	276	573471	34.880	ng	99

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

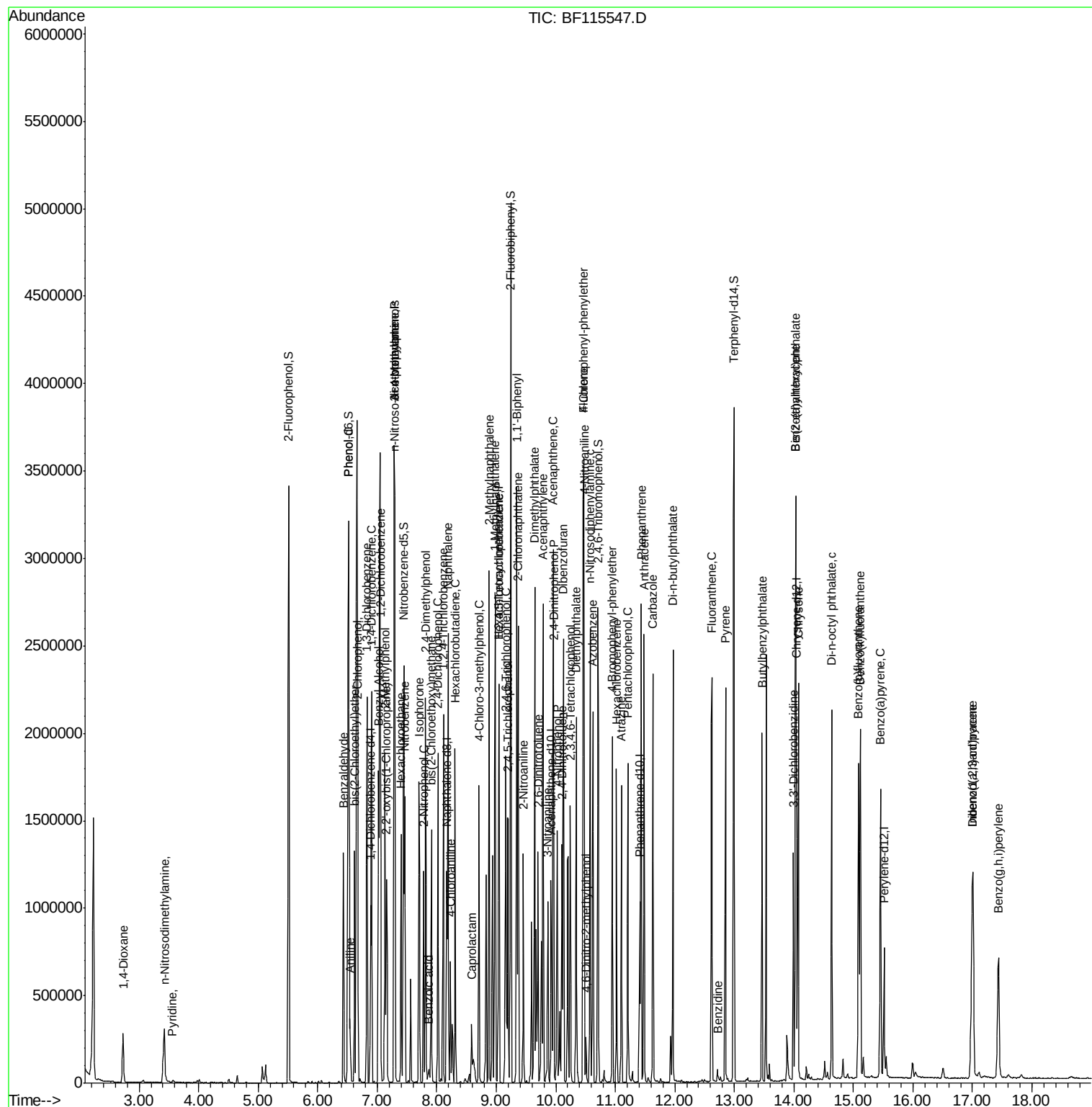
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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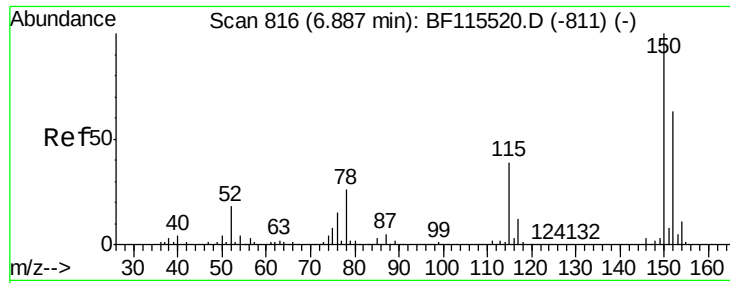
Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

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#1

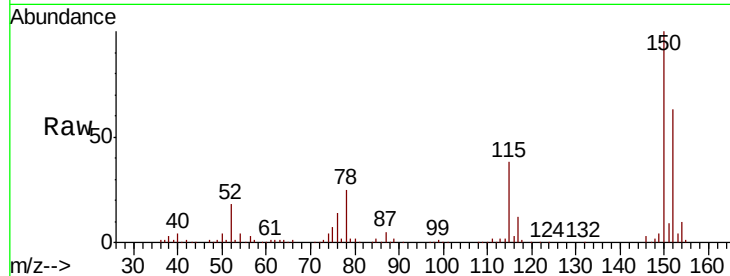
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	129.7	194.5
115	59.4	48.2	72.4

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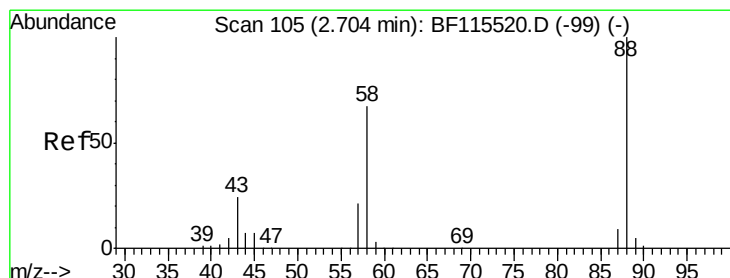
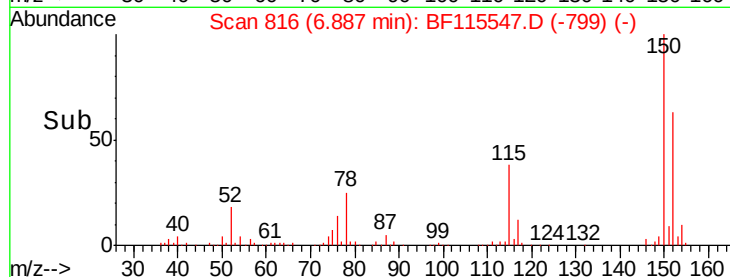
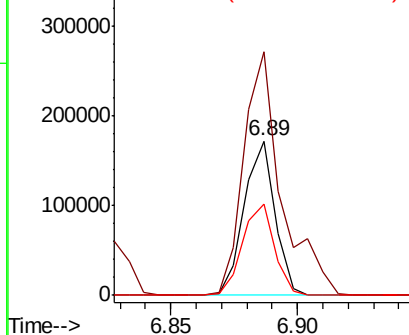


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

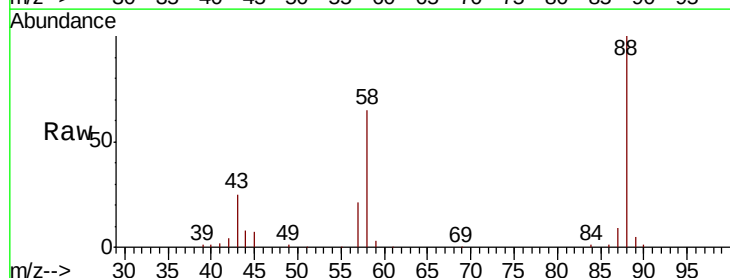
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.939 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.02 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	52.6	79.0
43	24.4	19.1	28.7

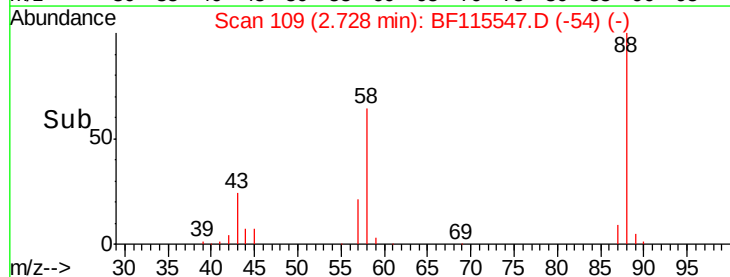
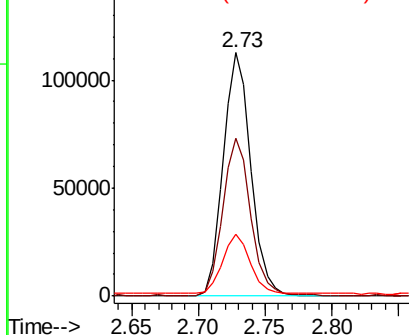


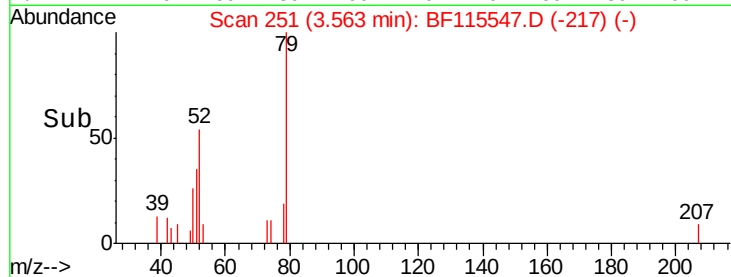
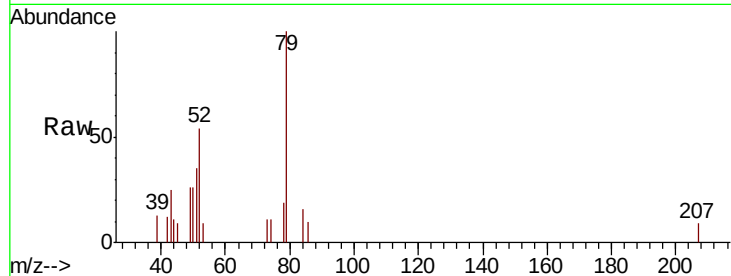
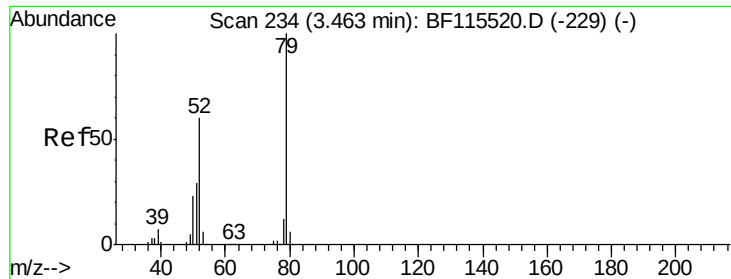
Abundance

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





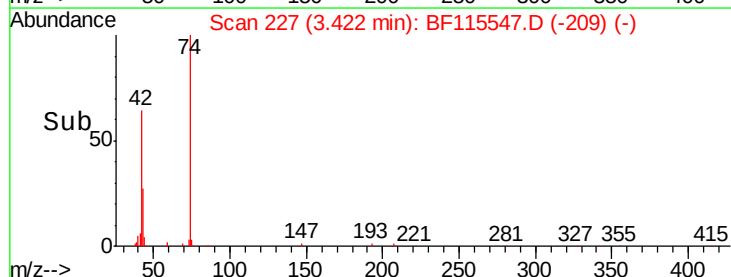
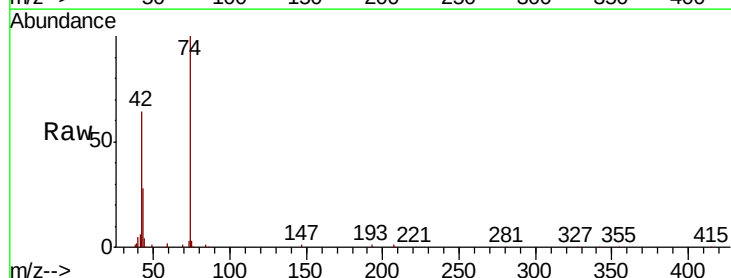
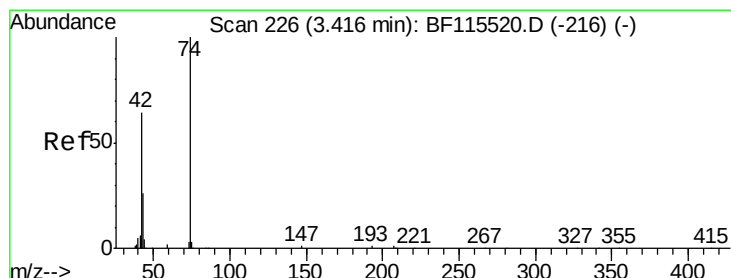
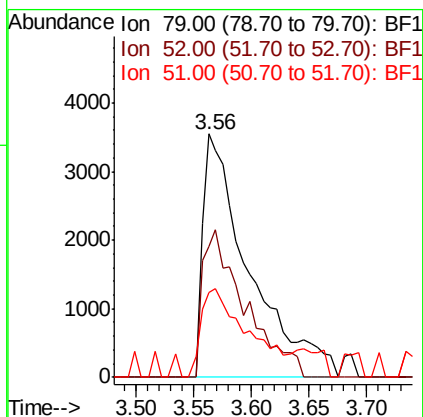
#3
Pvridine
Concen: 0.824 ng
RT: 3.56 min Scan# 251
Delta R.T. 0.10 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	9936		
52	52	53.9		47.8	71.6
51	51	34.8		23.8	35.8

Instrument :
BNA_F
ClientSampleId :
TP-1MS

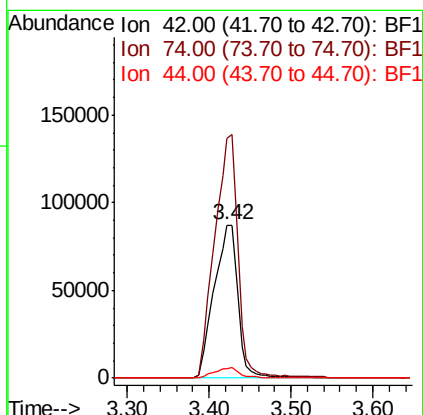
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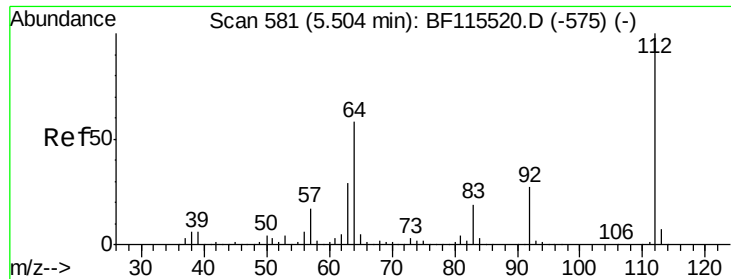
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#4
n-Nitrosodimethylamine
Concen: 40.612 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	177698		
74	74	156.4		127.5	191.3
44	44	6.5		5.0	7.6





#5

2-Fluorophenol

Concen: 130.688 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:112 Resp: 1164685

Ion Ratio Lower Upper

112 100

64 53.3 46.8 70.2

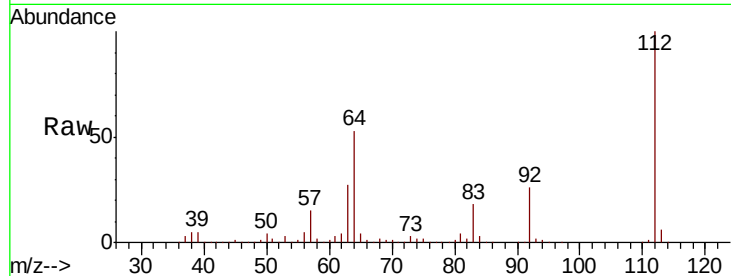
63 27.2 24.1 36.1

Manual Integrations

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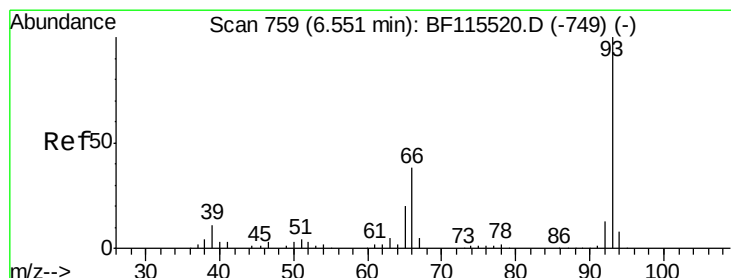
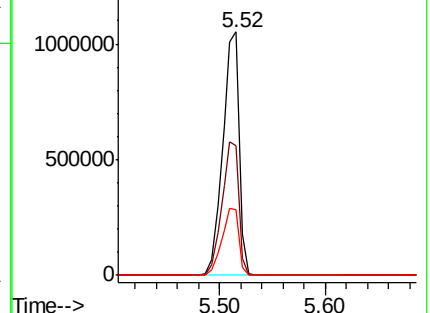
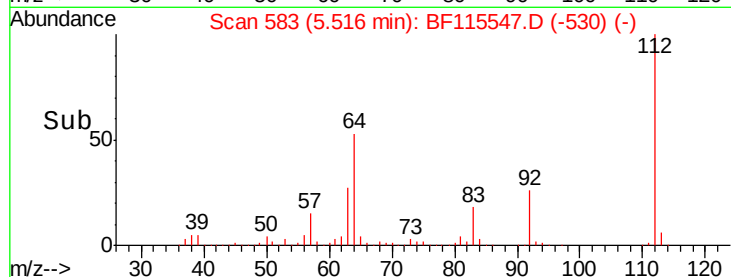
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.689 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

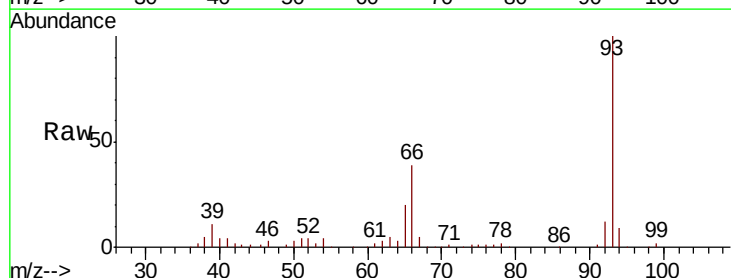
Tgt Ion: 93 Resp: 183955

Ion Ratio Lower Upper

93 100

66 39.0 31.7 47.5

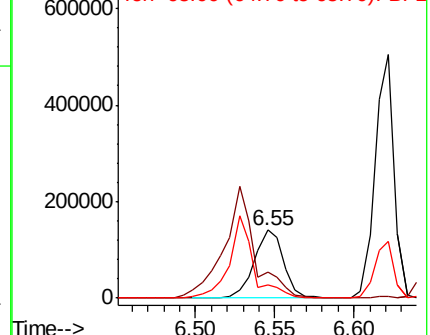
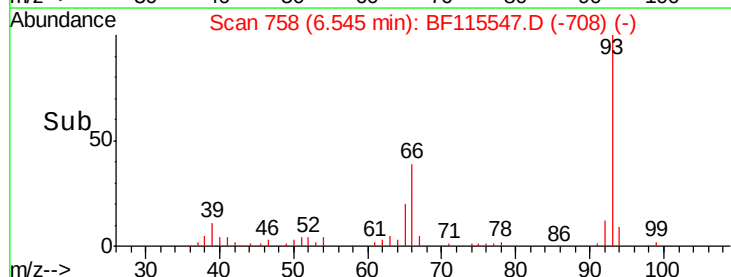
65 19.9 16.2 24.2

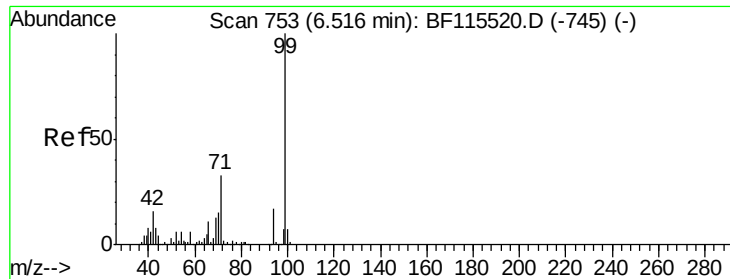


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.685 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115547.D

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Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion: 99 Resp: 1511743

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

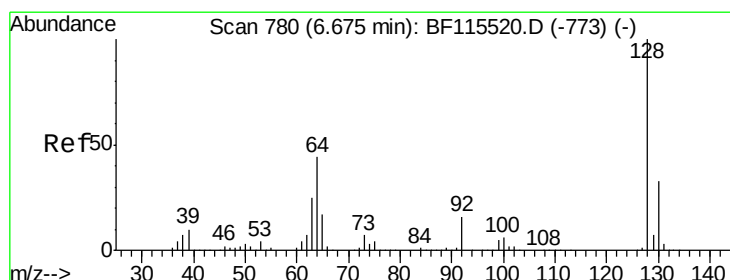
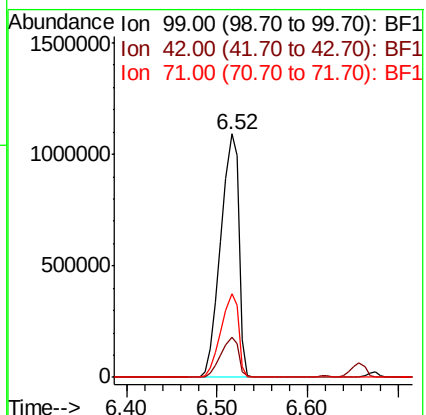
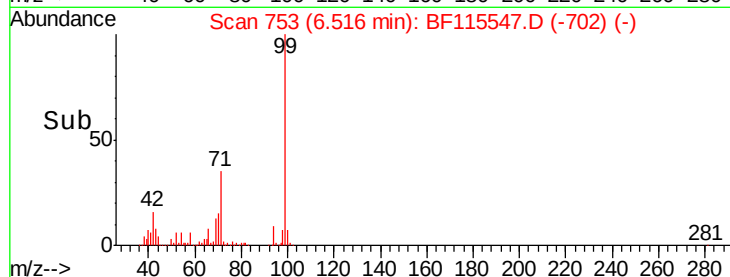
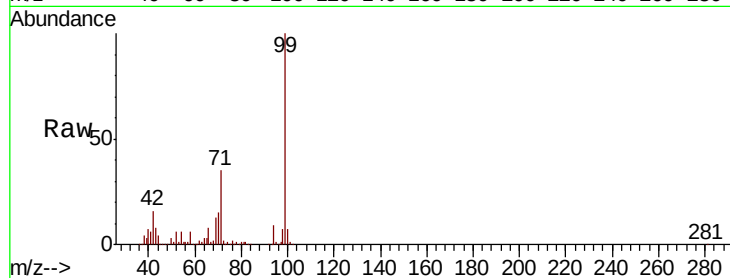
71 34.6 28.5 42.7

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#8

2-Chlorophenol

Concen: 42.963 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

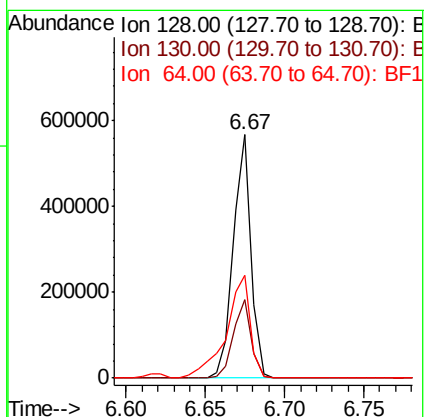
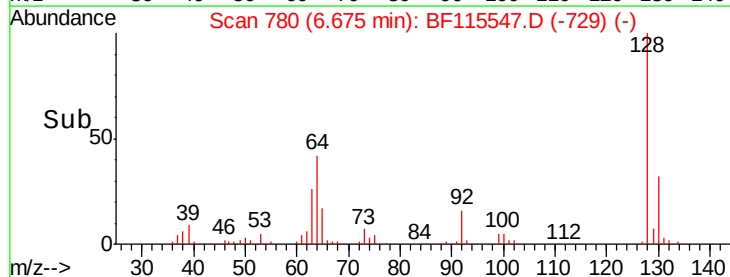
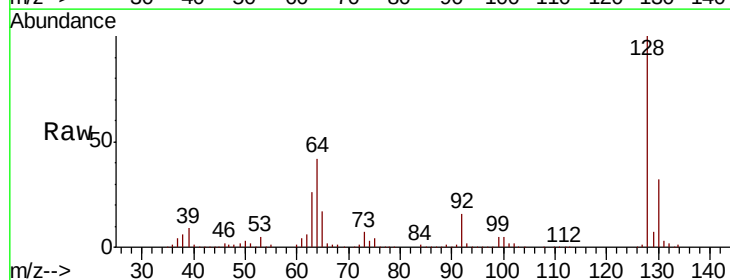
Tgt Ion: 128 Resp: 440210

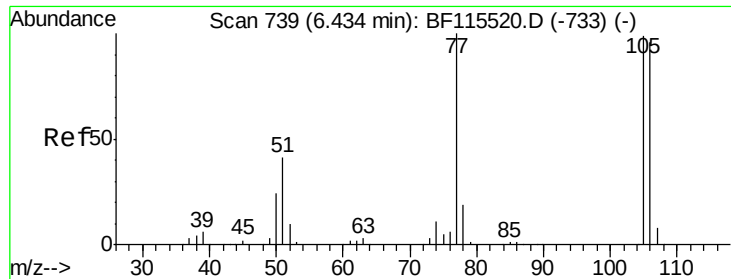
Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 42.3 26.8 66.8





#9

Benzaldehyde

Concen: 37.614 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

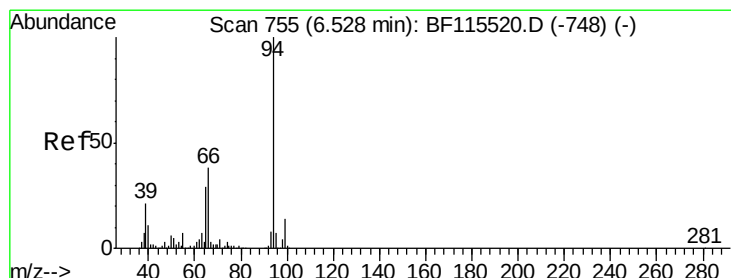
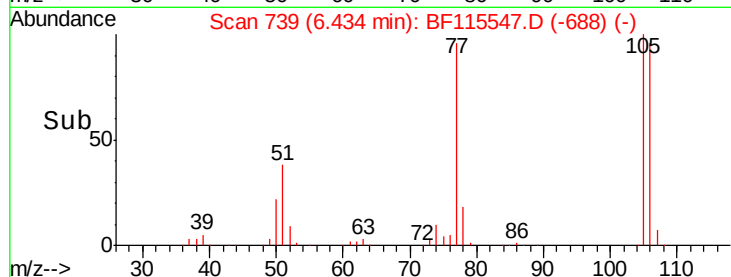
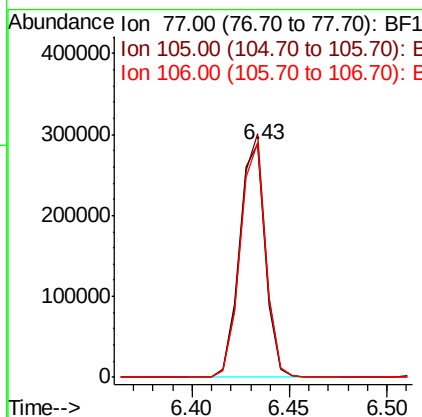
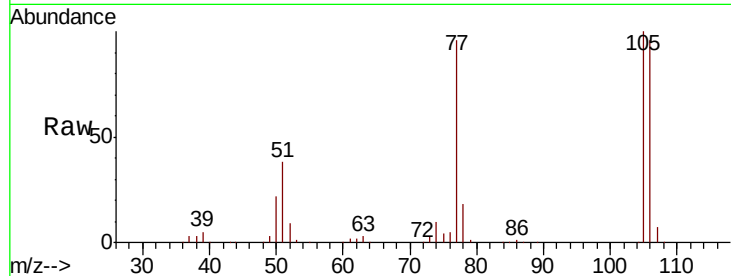
ClientSampleId :

TP-1MS

Tot Ion:	77	Resp:	265805
Ion	Ratio	Lower	Upper
77	100		
105	104.5	78.8	118.8
106	100.7	75.6	115.6

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#10

Phenol

Concen: 40.491 ng

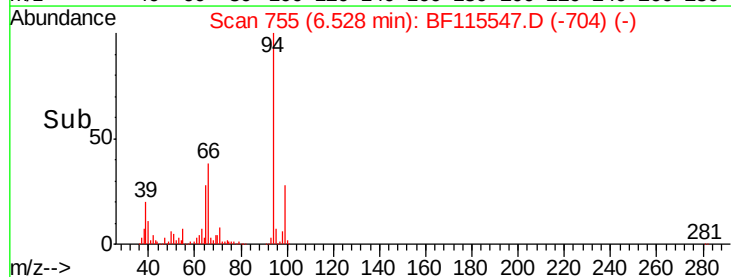
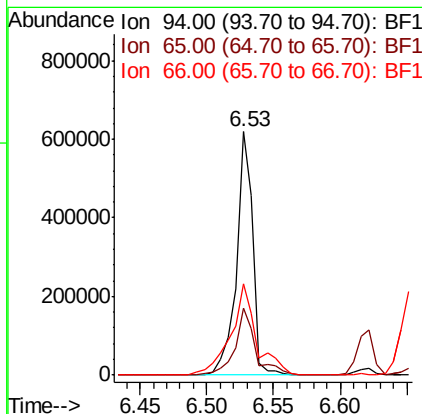
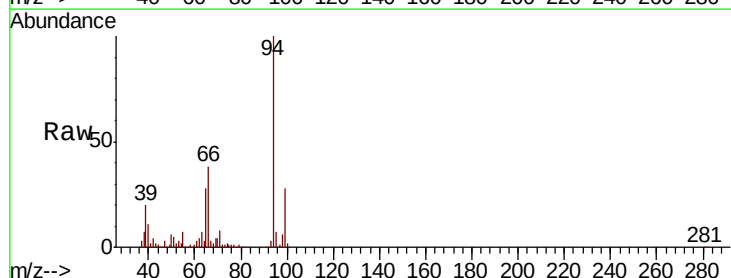
RT: 6.53 min Scan# 755

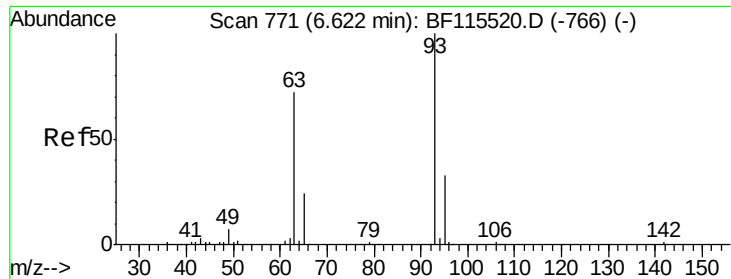
Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	94	Resp:	531536
Ion	Ratio	Lower	Upper
94	100		
65	27.8	14.5	54.5
66	37.5	31.3	71.3





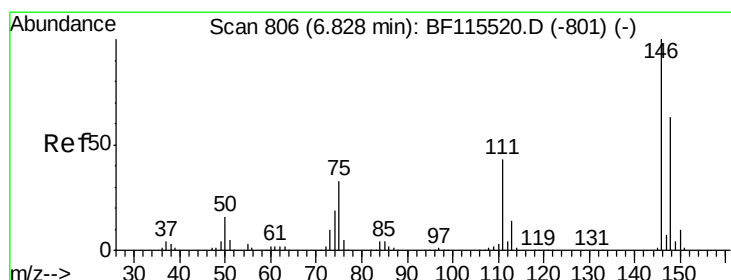
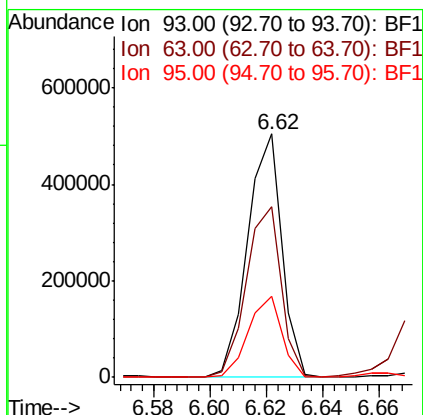
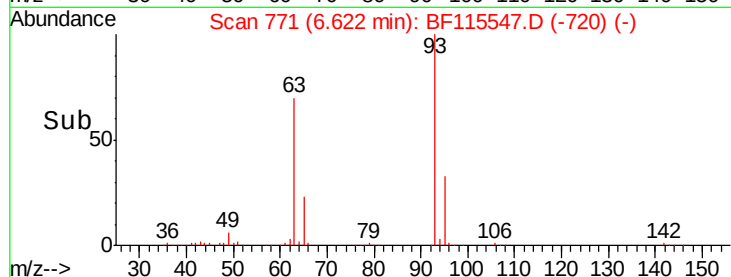
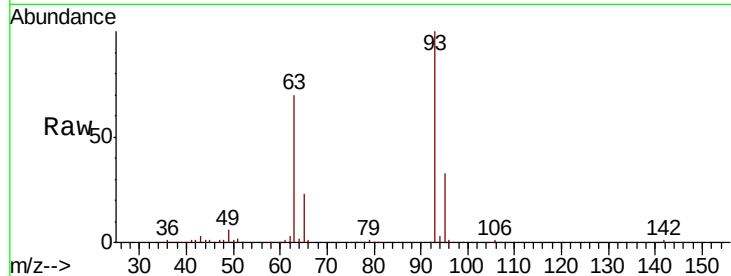
#11
bis(2-Chloroethyl)ether
Concen: 42.188 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:	93	Resp:	421651
Ion Ratio	Lower	Upper	
93	100		
63	70.1	52.2	92.2
95	33.4	12.9	52.9

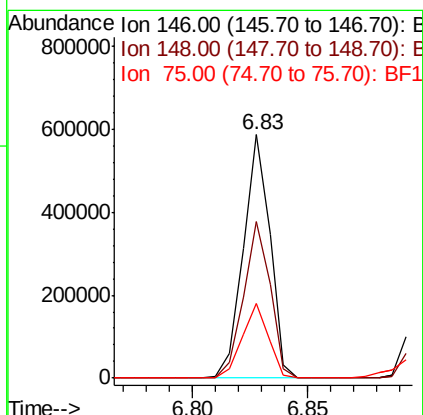
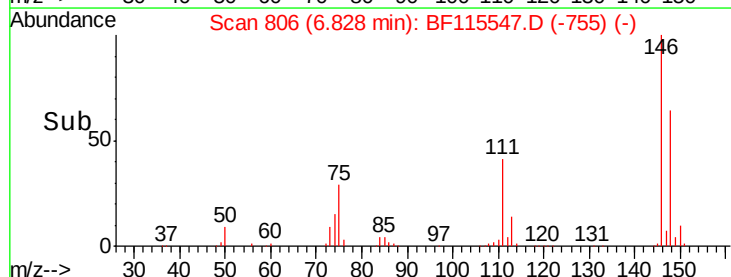
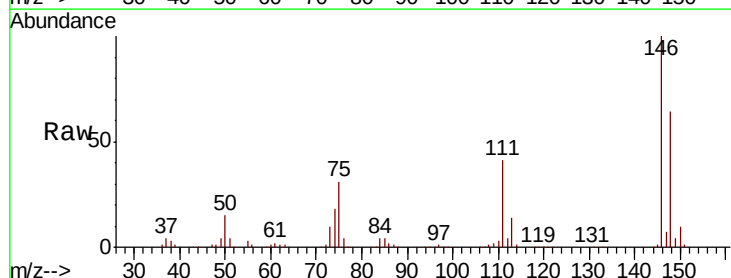
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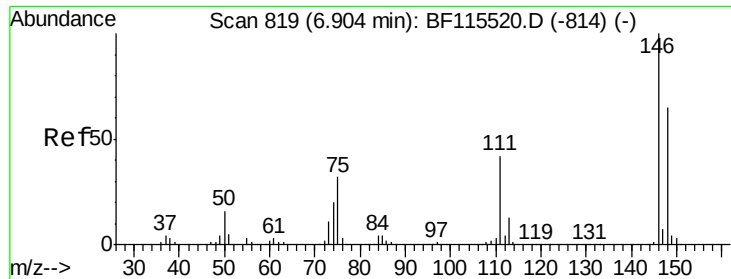
mohammad
7/15/2019 2:57:40 PM



#12
1,3-Dichlorobenzene
Concen: 41.168 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:	146	Resp:	474261
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
75	30.5	24.9	37.3





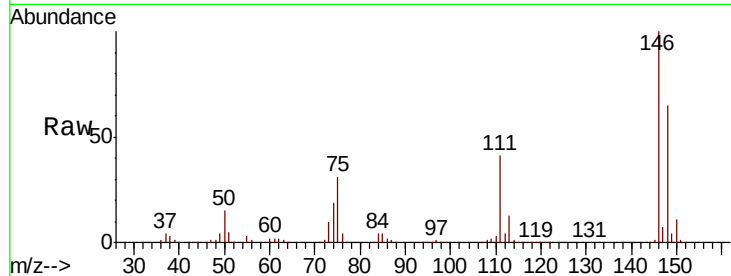
#13
1,4-Dichlorobenzene
Concen: 41.716 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	41.2	35.5	53.3

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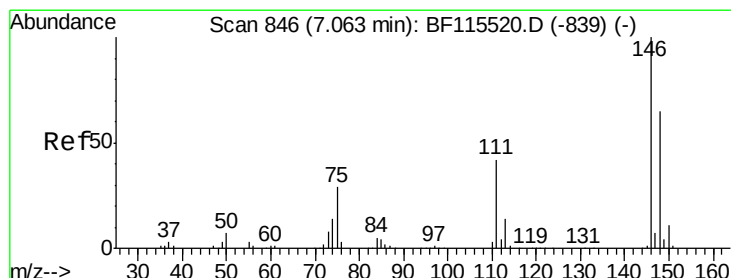
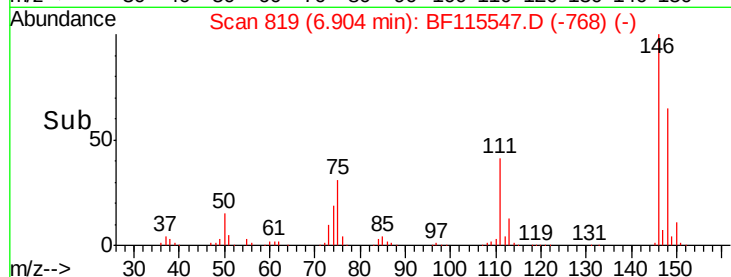
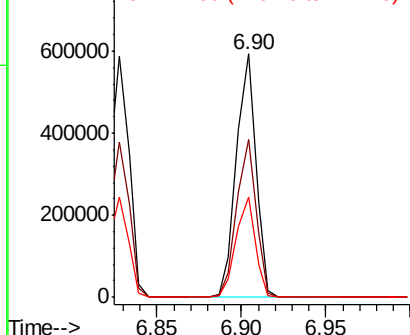


Abundance

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: 42.642 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

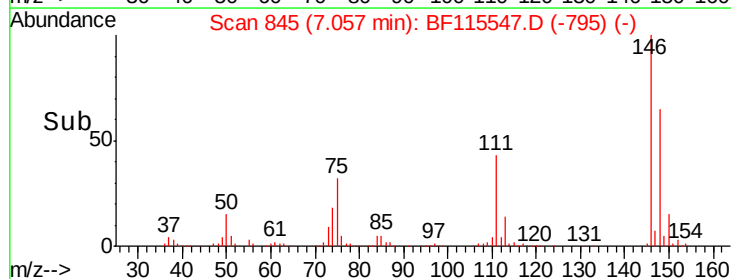
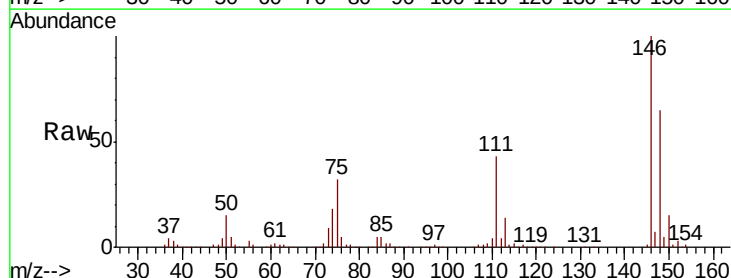
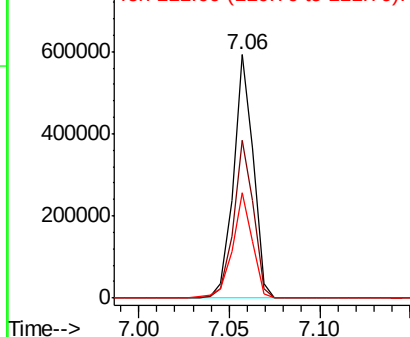
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	43.5	37.6	56.4

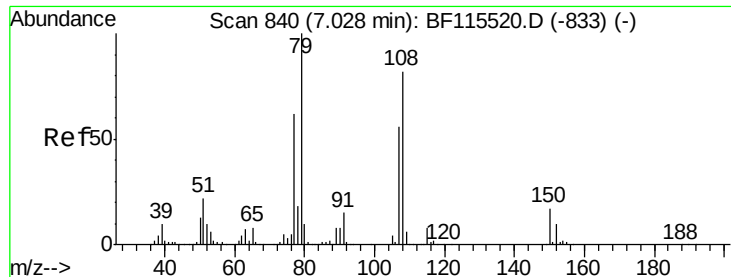
Abundance

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: 44.304 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

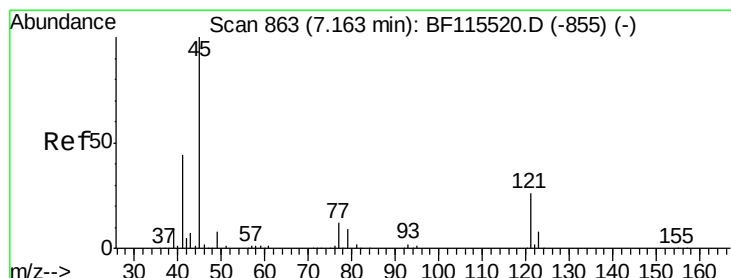
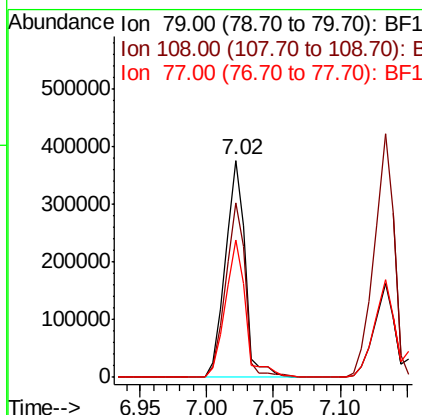
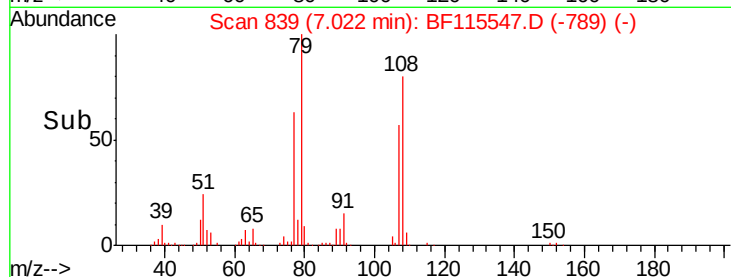
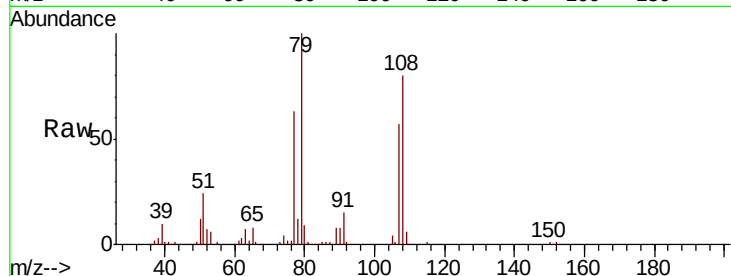
ClientSampled :

TP-1MS

Tot Ion:	79	Resp:	397437
Ion Ratio	Lower	Upper	
79	100		
108	80.3	64.2	96.4
77	63.3	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.292 ng

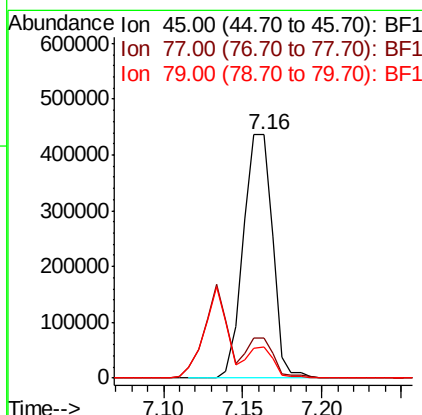
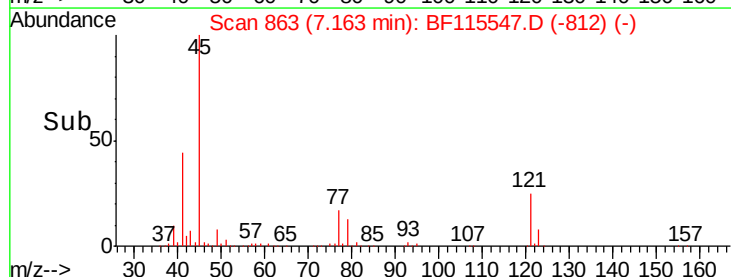
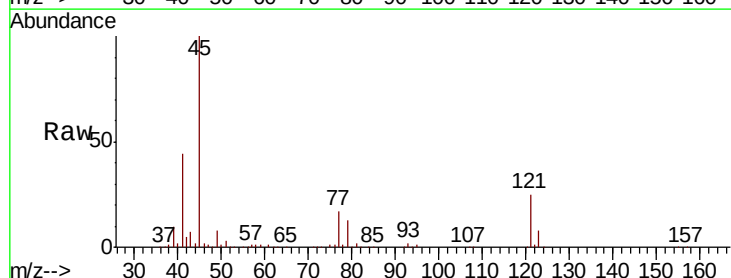
RT: 7.16 min Scan# 863

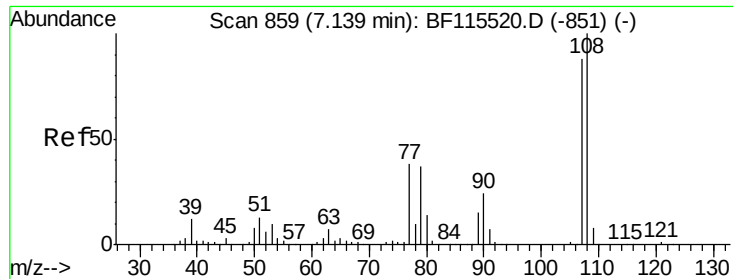
Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	45	Resp:	556487
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	38.1
79	12.9	0.0	34.1





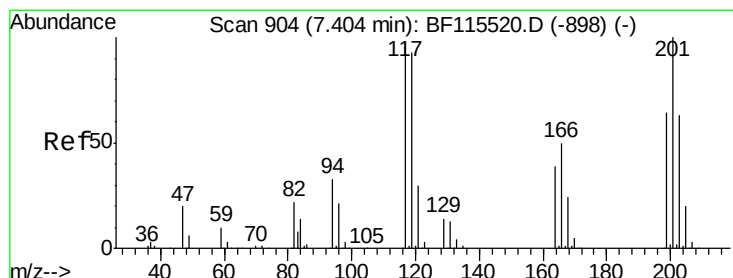
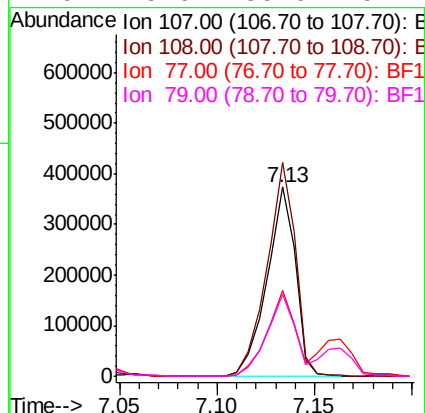
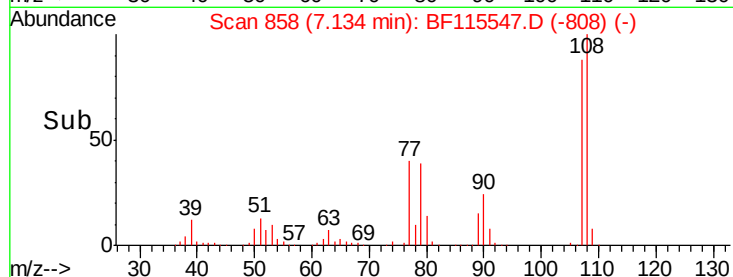
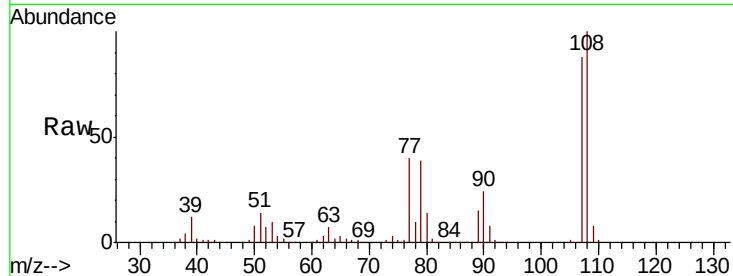
#17
2-Methylphenol
Concen: 42.571 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	89.4	134.2	
77	45.2	35.7	53.5	
79	43.6	35.0	52.4	

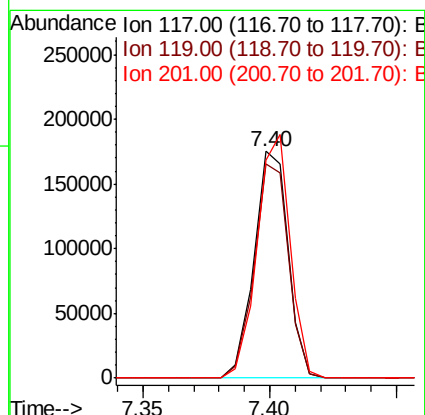
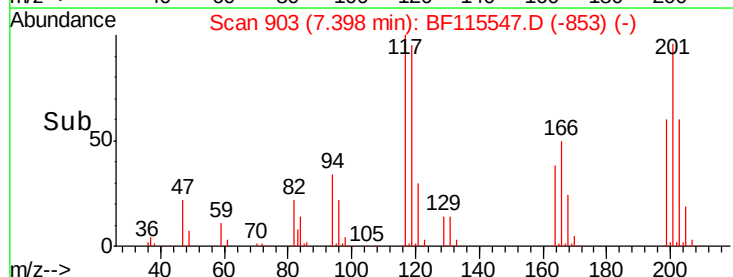
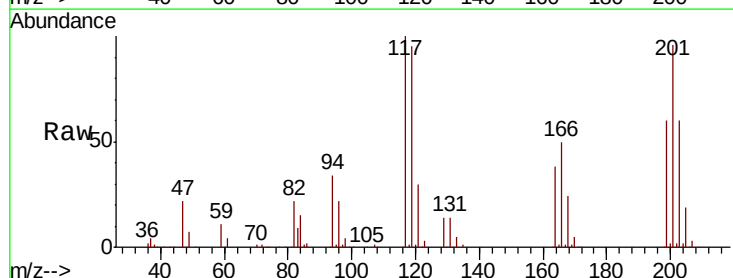
Manual Integrations
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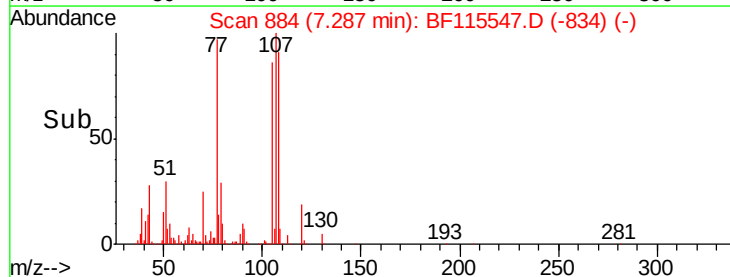
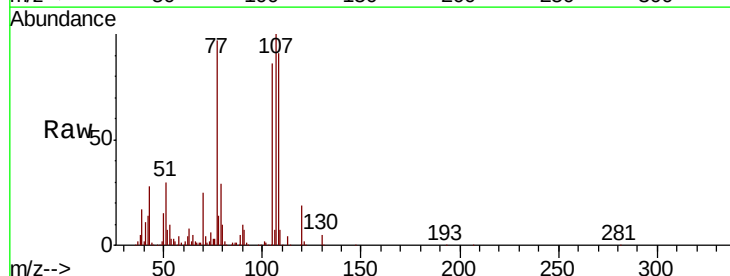
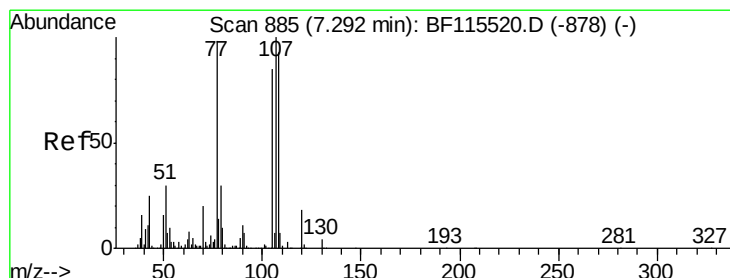
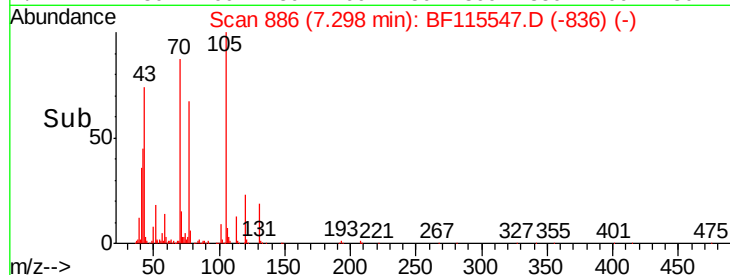
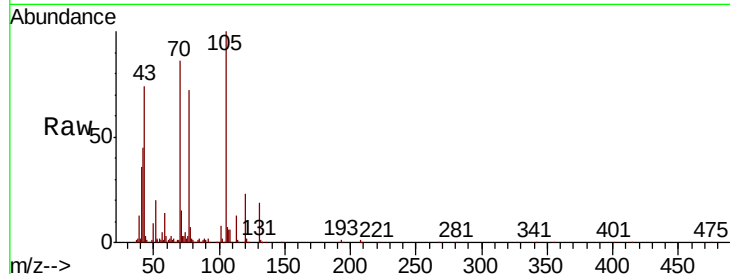
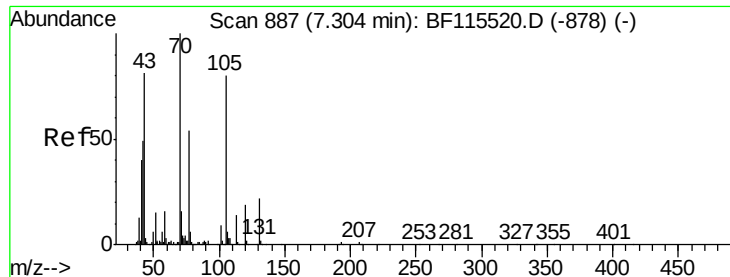
mohammad
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#18
Hexachloroethane
Concen: 38.581 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.7	116.5	
201	96.5	86.0	129.0	





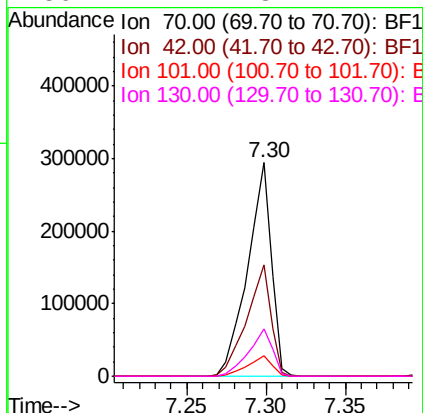
#19
n-Nitroso-di-n-propylamine
Concen: 41.425 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	39.6	59.4	
101	9.8	8.1	12.1	
130	22.4	18.2	27.2	

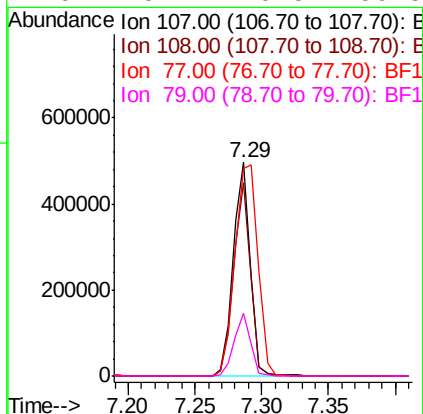
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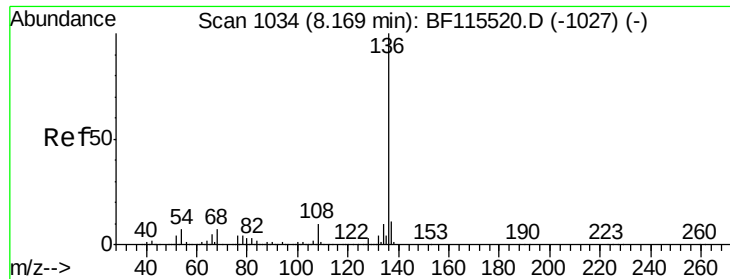
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#20
3+4-Methylphenols
Concen: 42.329 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	72.9	112.9	
77	97.1	77.6	117.6	
79	29.2	10.5	50.5	





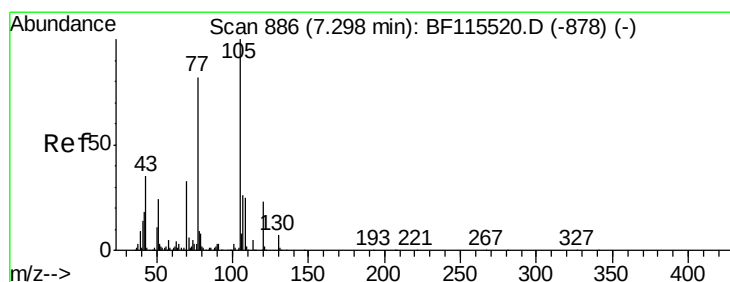
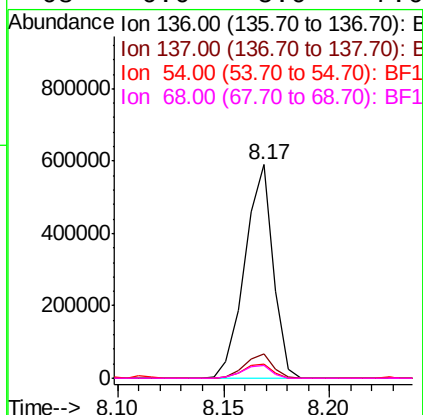
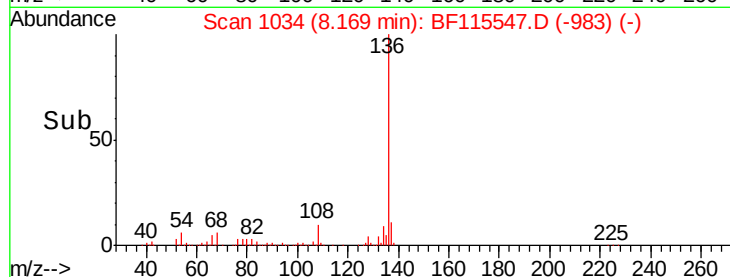
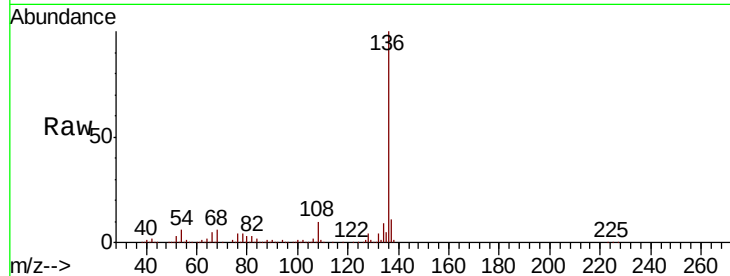
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		548838		
137	11.3		9.0	13.4	
54	6.3		5.6	8.4	
68	6.0		5.0	7.6	

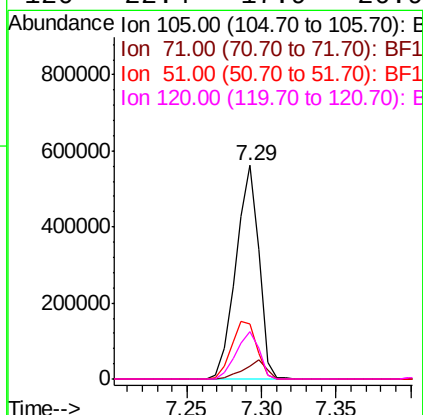
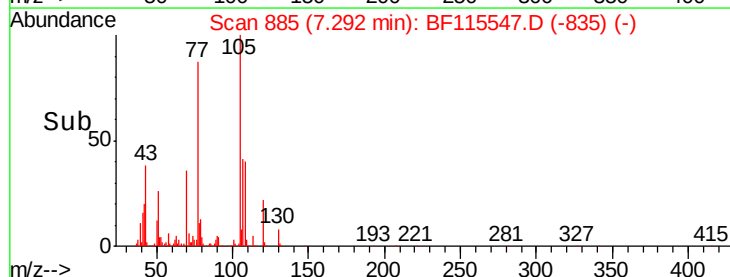
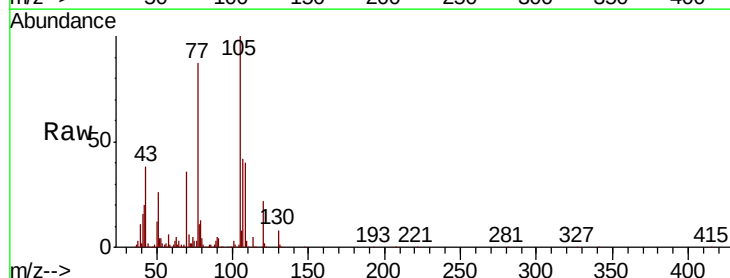
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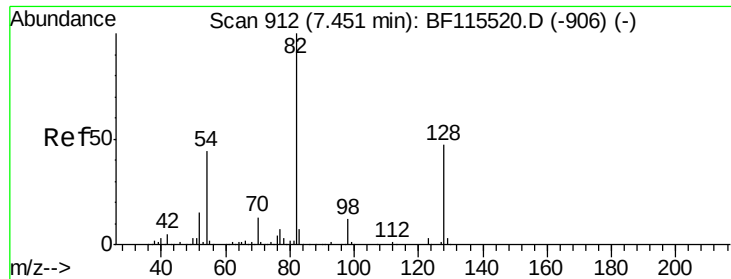
mohammad
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#22
Acetophenone
Concen: 48.880 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		606060		
71	6.3		3.5	5.3#	
51	25.7		25.6	38.4	
120	22.4		17.9	26.9	





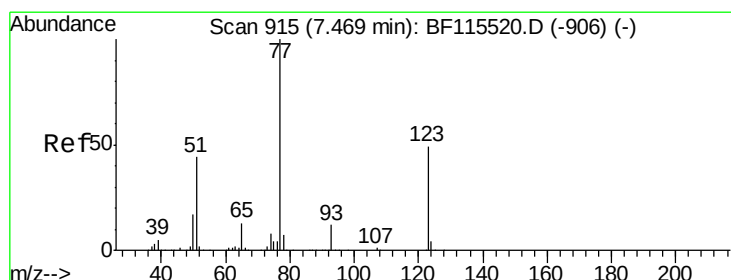
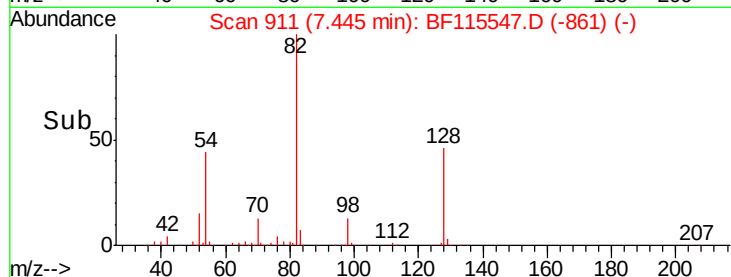
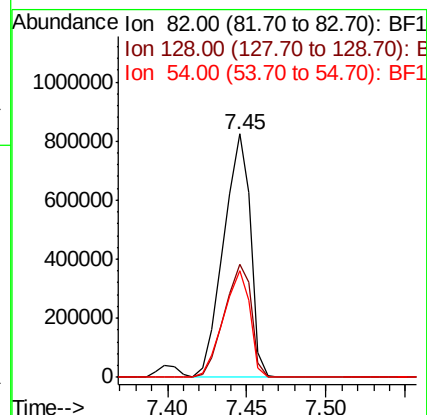
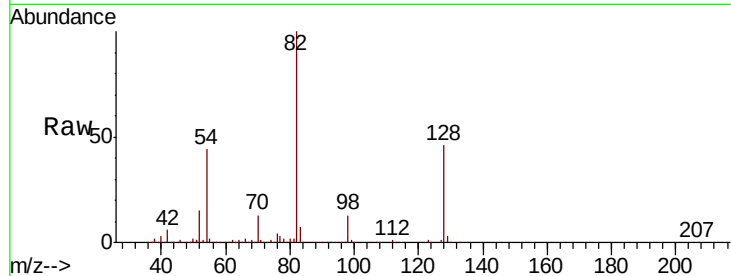
#23
 Nitrobenzene-d5
 Concen: 102.370 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.6	57.8
54	44.0	35.6	53.4

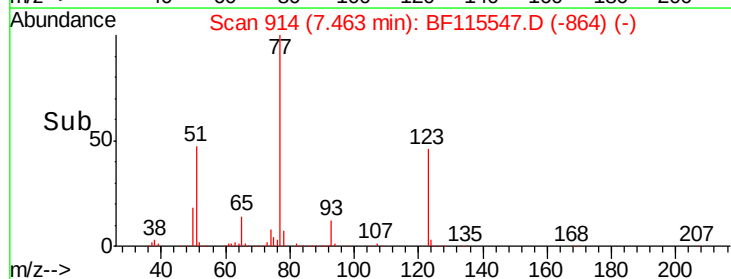
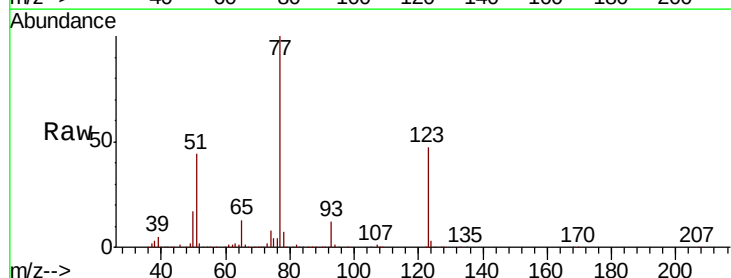
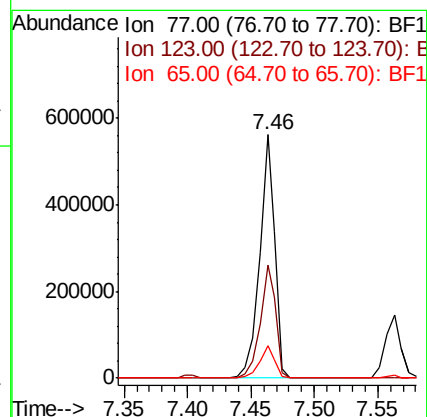
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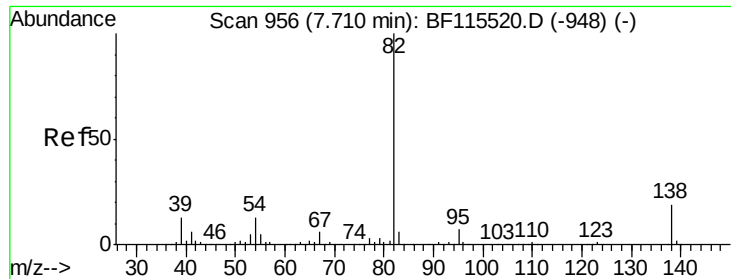
mohammad
 7/15/2019 2:57:40 PM



#24
 Nitrobenzene
 Concen: 46.443 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	40.0	60.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 45.406 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

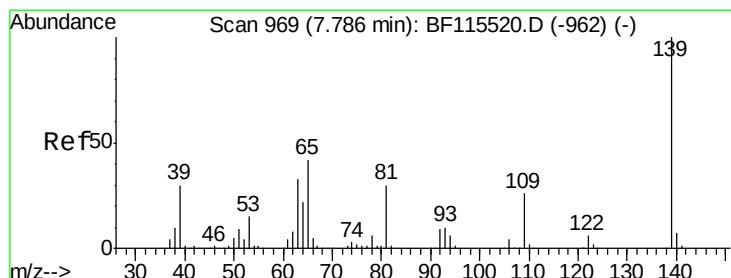
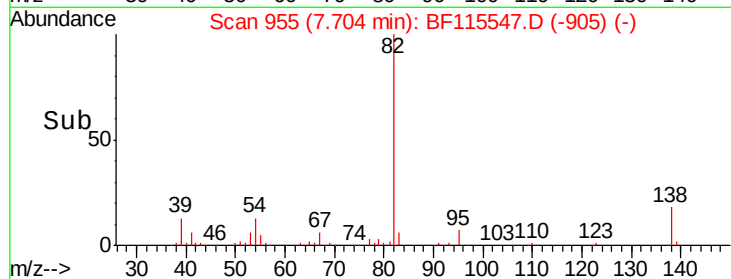
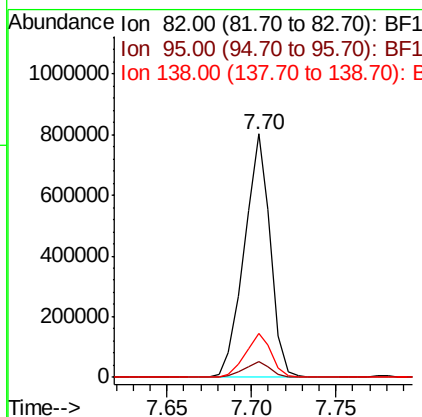
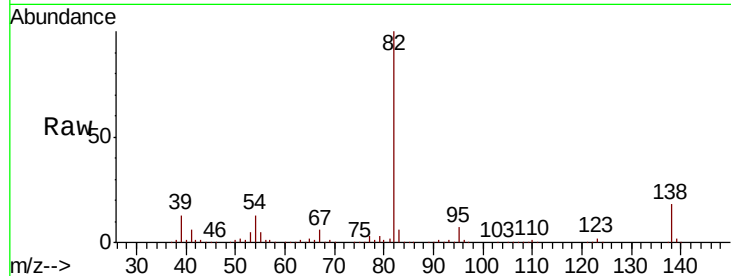
ClientSampled :

TP-1MS

Tot Ion:	82	Resp:	857605
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.5	8.3
138	18.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.477 ng

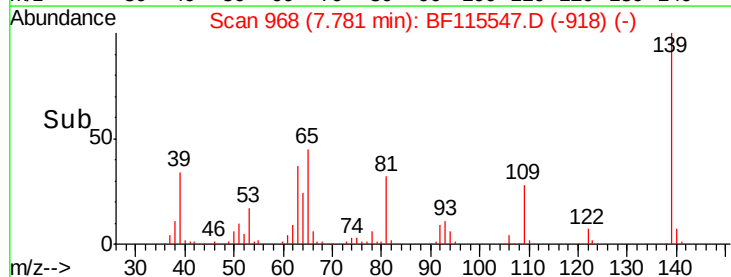
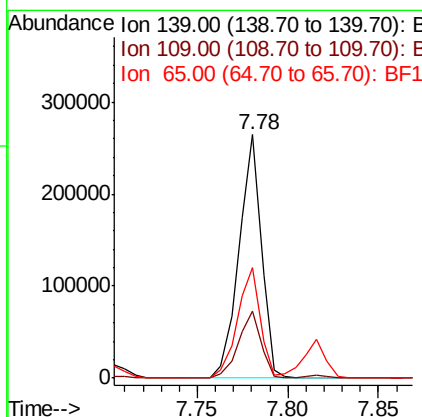
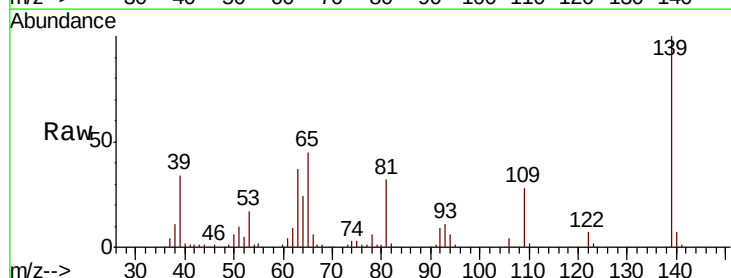
RT: 7.78 min Scan# 968

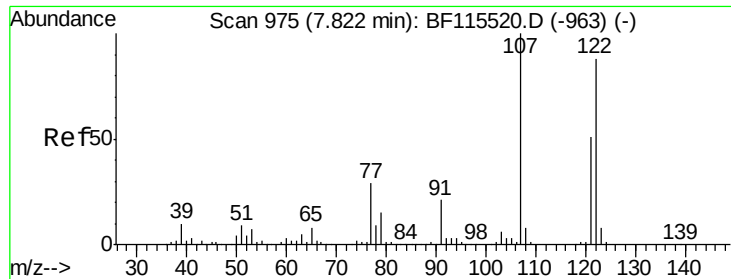
Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	139	Resp:	227826
Ion Ratio		Lower	Upper
139	100		
109	27.5	23.3	34.9
65	45.5	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 49.543 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

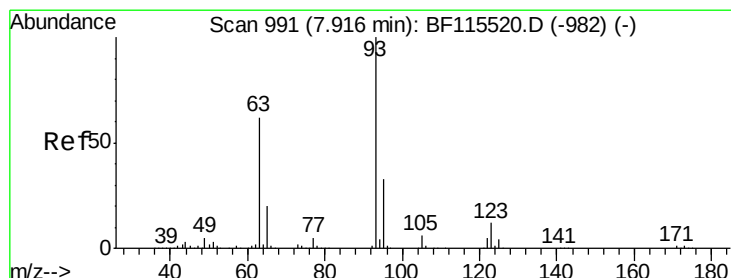
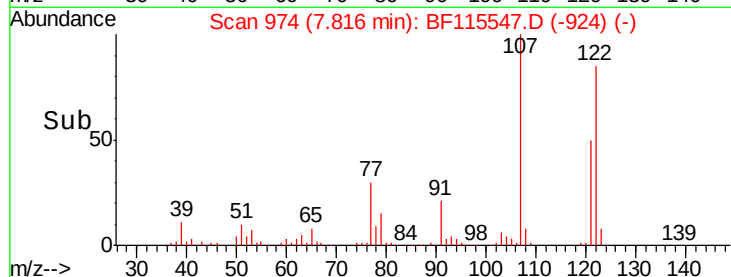
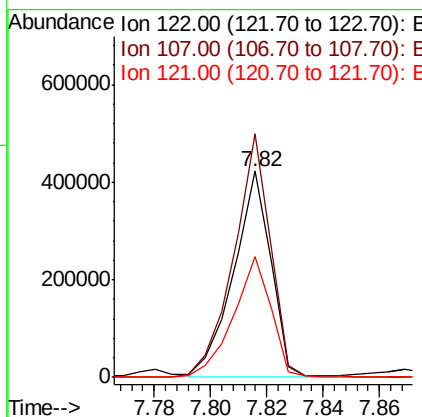
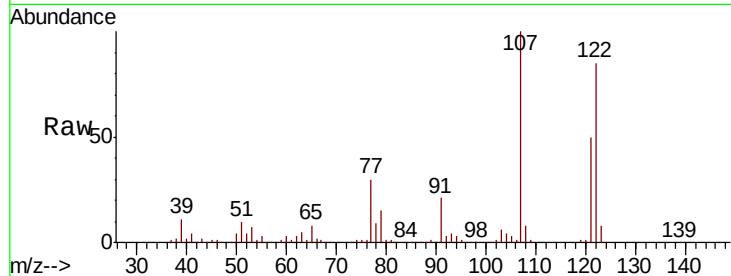
ClientSampleId :

TP-1MS

Tot Ion:	122	Resp:	388445
Ion Ratio	Lower	Upper	
122	100		
107	118.0	92.9	139.3
121	58.6	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 46.694 ng

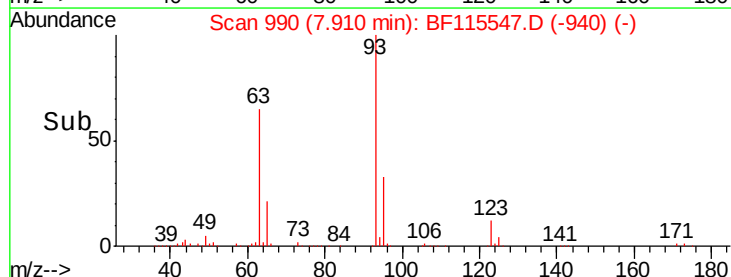
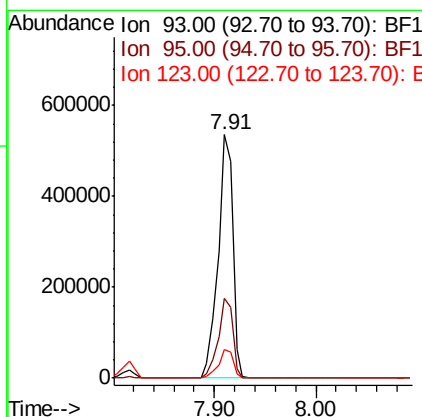
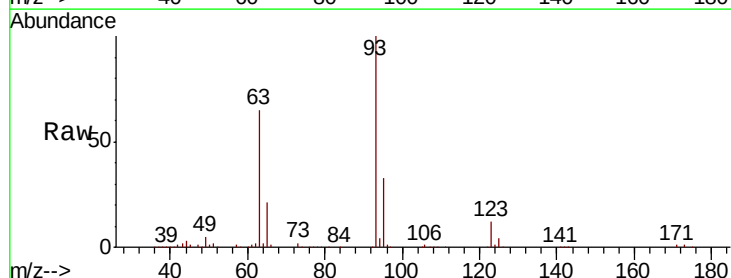
RT: 7.91 min Scan# 990

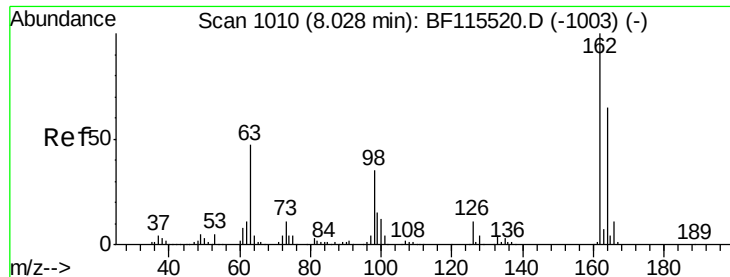
Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	93	Resp:	541042
Ion Ratio	Lower	Upper	
93	100		
95	32.7	27.0	40.4
123	11.5	9.9	14.9





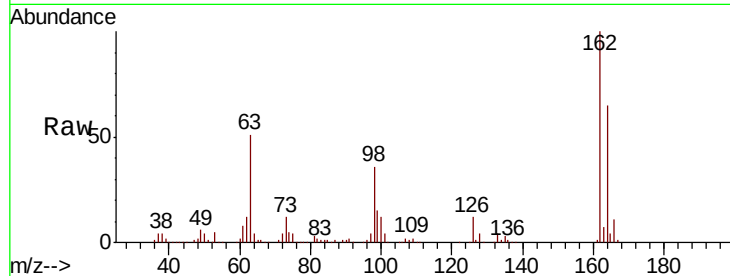
#29
2,4-Dichlorophenol
Concen: 45.809 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	373530		
164	65.0	44.9	84.9	
98	36.3	17.7	57.7	

Manual Integrations
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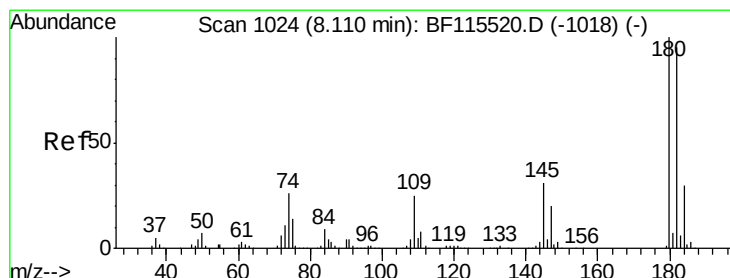
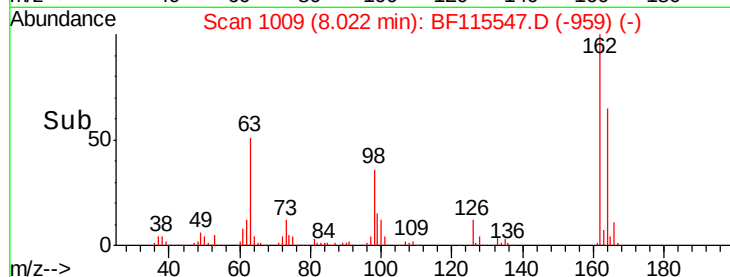
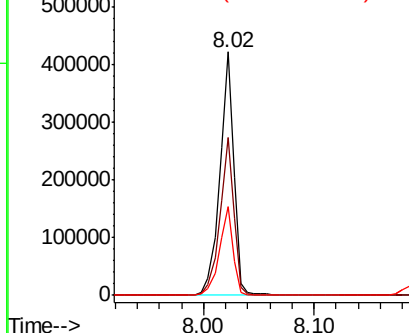


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.315 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

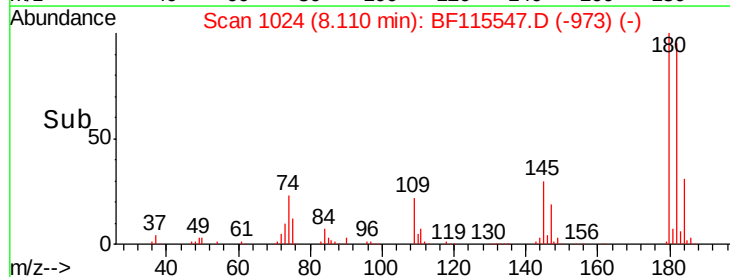
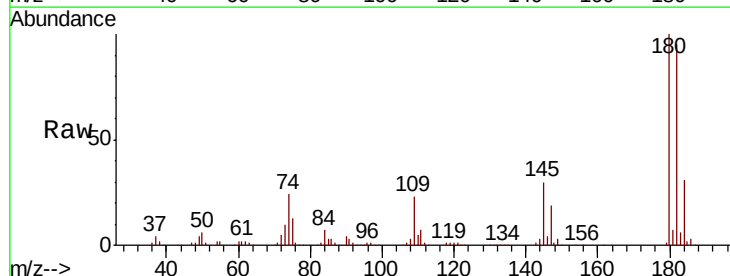
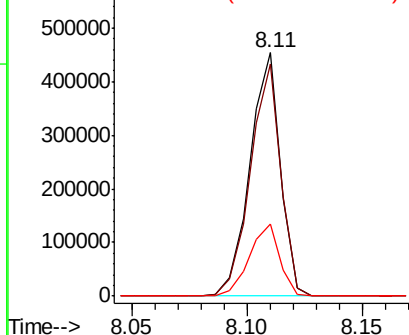
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	417676		
182	95.4	75.0	112.6	
145	29.5	25.1	37.7	

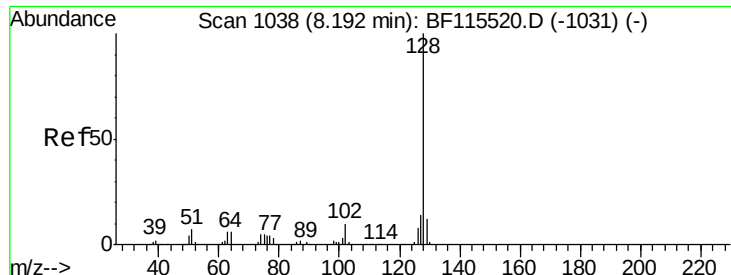
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





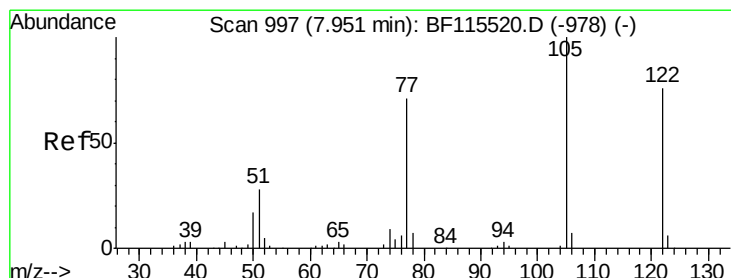
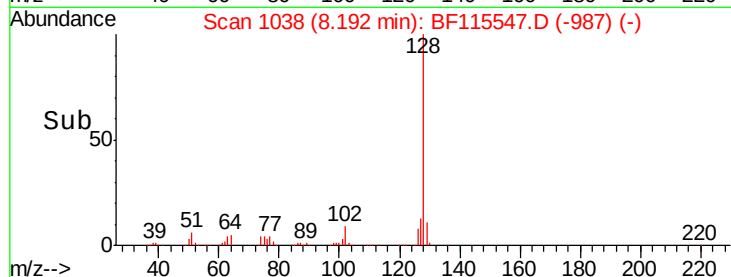
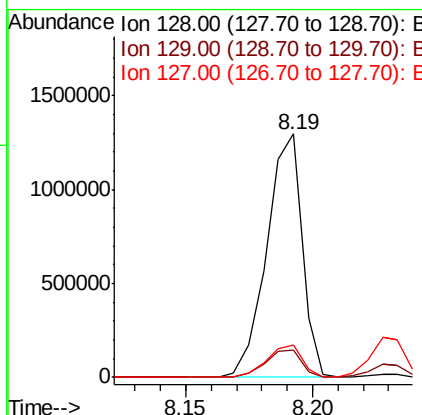
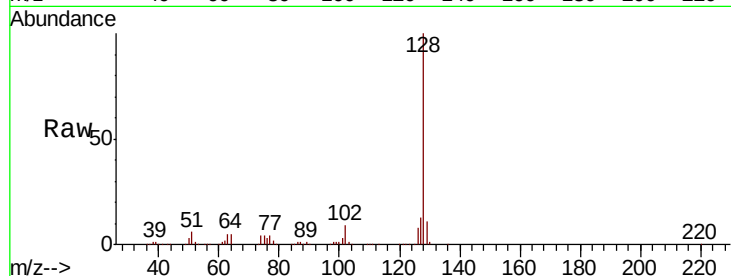
#31
Naphthalene
Concen: 47.329 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.9	14.9
127	13.5	12.1	18.1

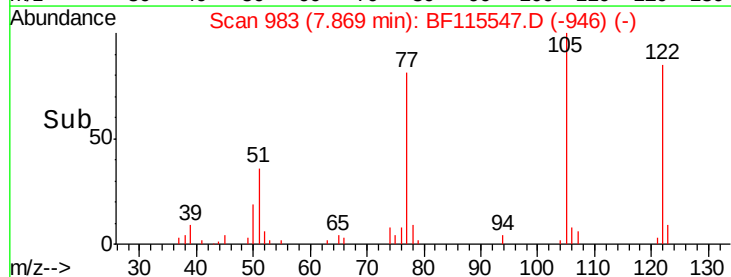
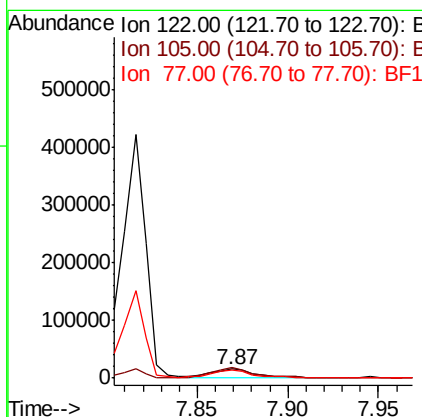
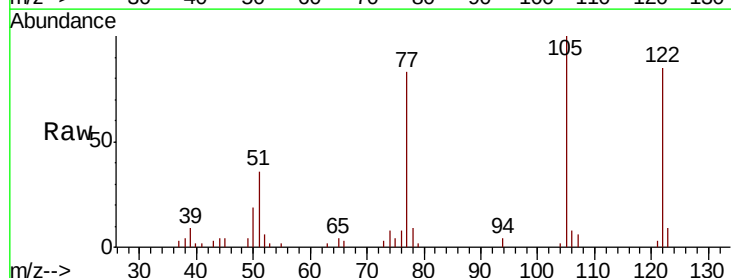
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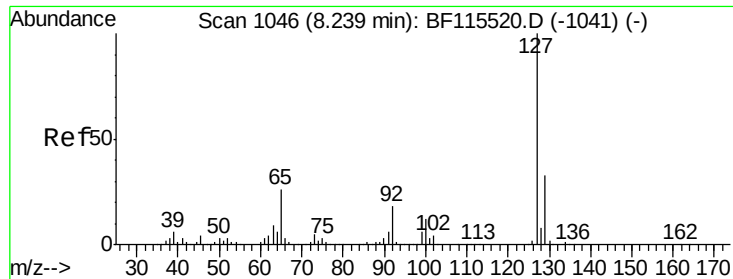
mohammad
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#32
Benzoic acid
Concen: 3.708 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.6	102.5	142.5
77	97.0	70.2	110.2





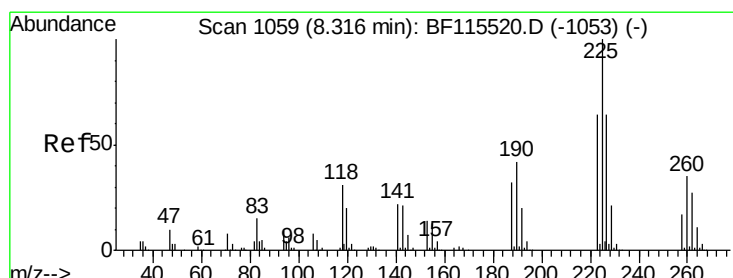
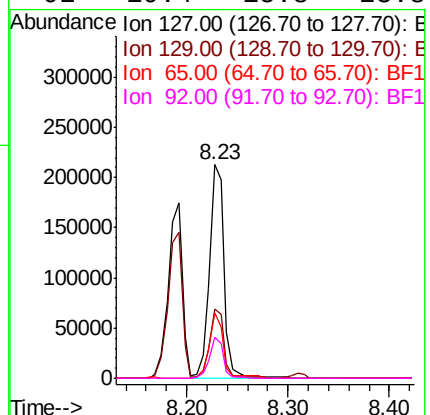
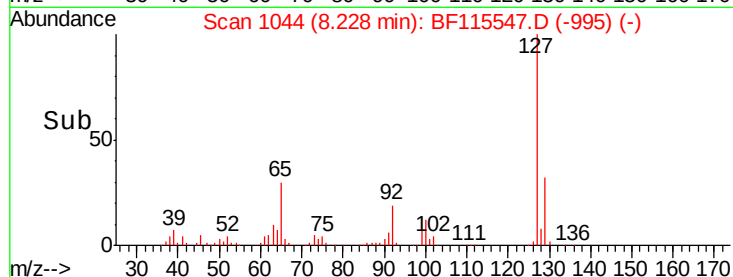
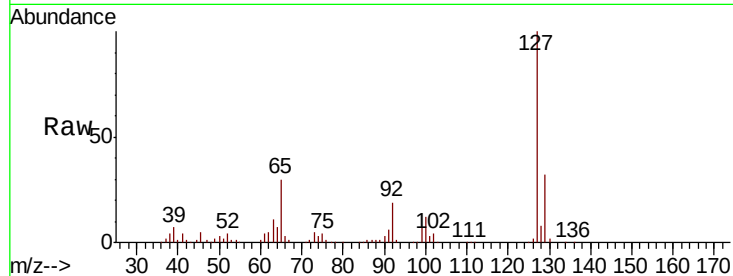
#33
4-Chloroaniline
Concen: 18.061 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.6	39.8		
65	30.4	23.7	35.5		
92	19.4	15.8	23.8		

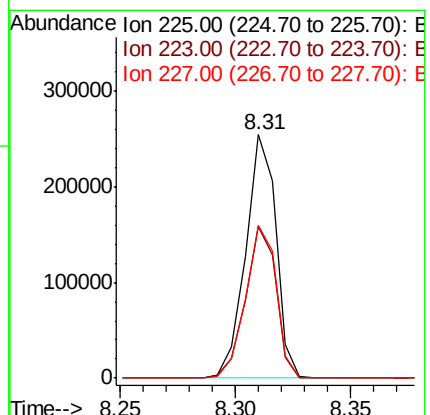
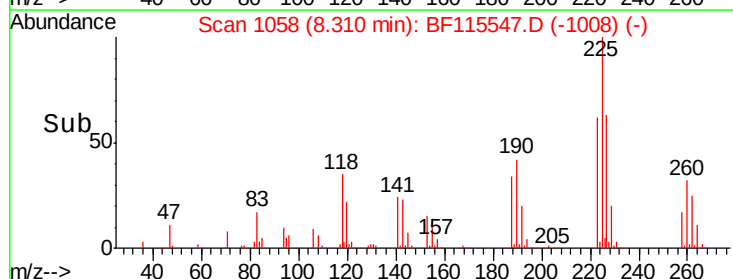
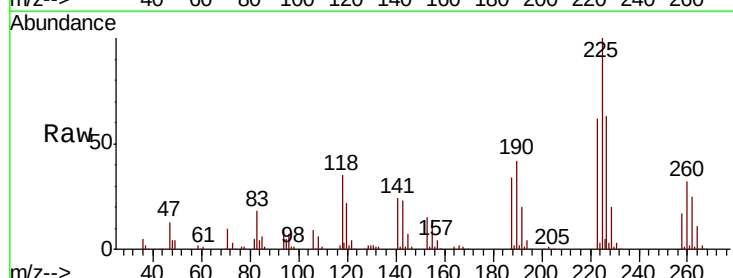
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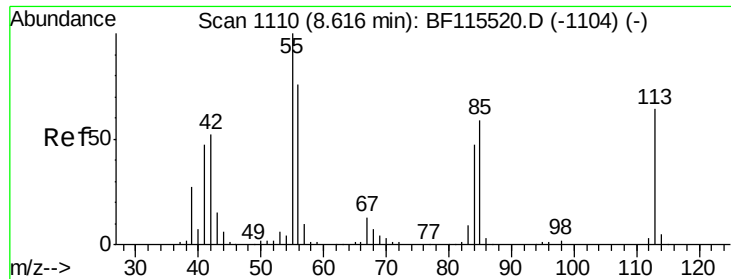
mohammad
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#34
Hexachlorobutadiene
Concen: 44.270 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.9	76.3		
227	62.9	50.7	76.1		





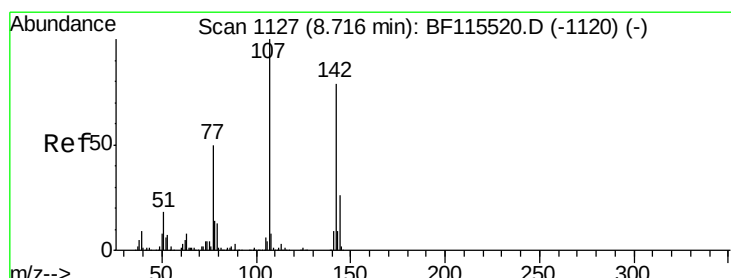
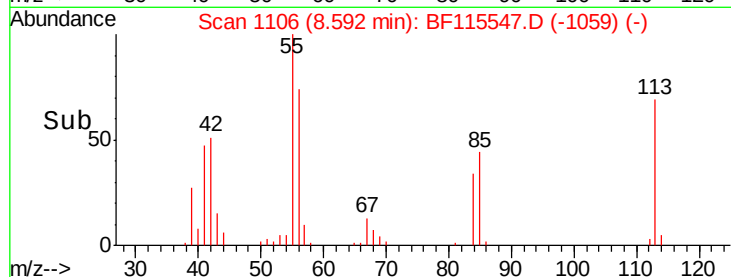
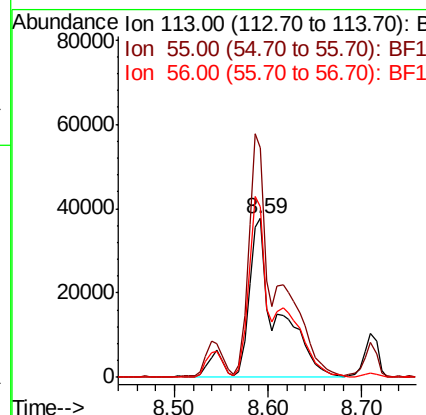
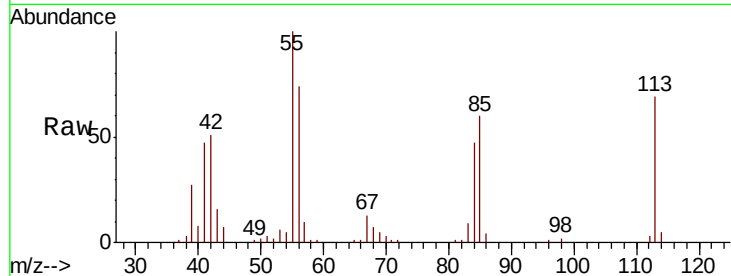
#35
Caprolactam
Concen: 33.489 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.9	126.9	166.9
56	107.6	90.3	130.3

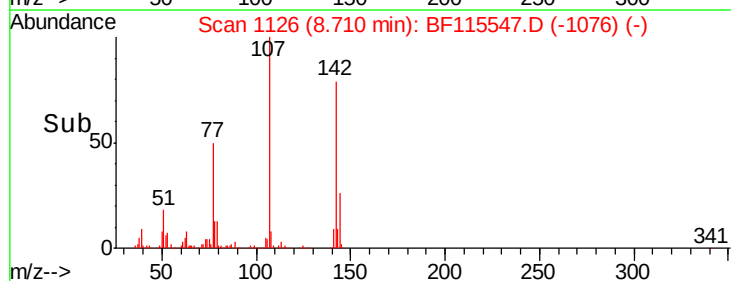
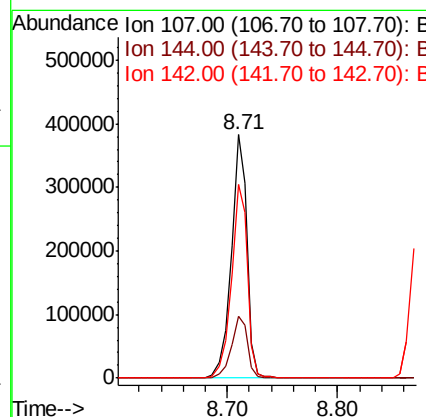
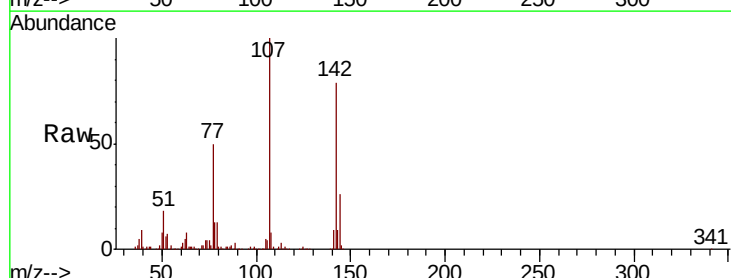
Manual Integrations
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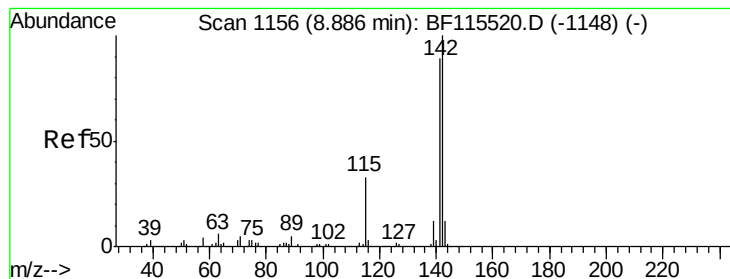
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.036 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.6	30.8
142	79.4	63.1	94.7





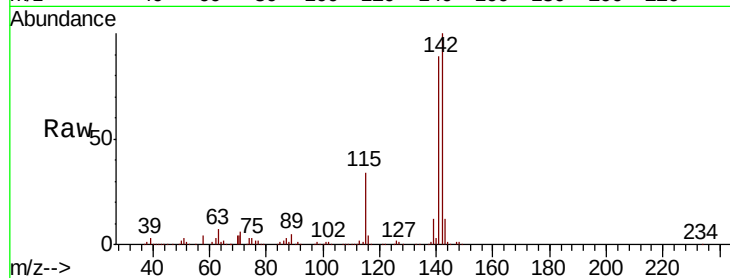
#37
2-Methylnaphthalene
Concen: 46.905 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.0	108.0
115	34.4	29.9	44.9

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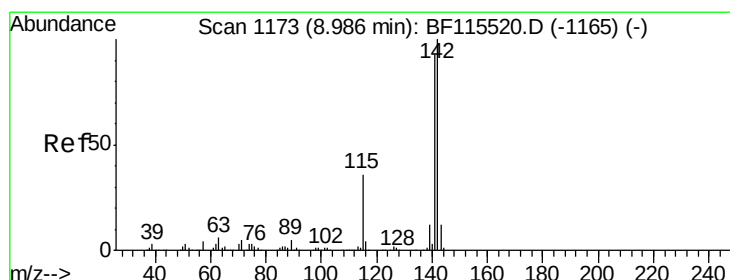
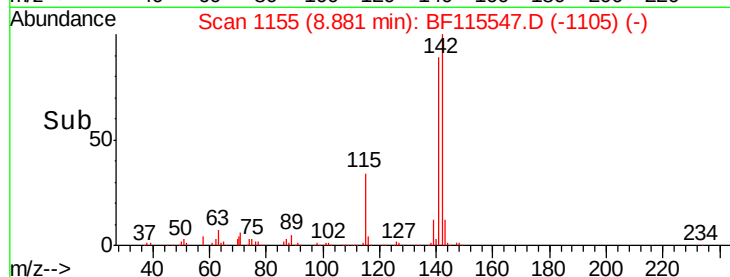
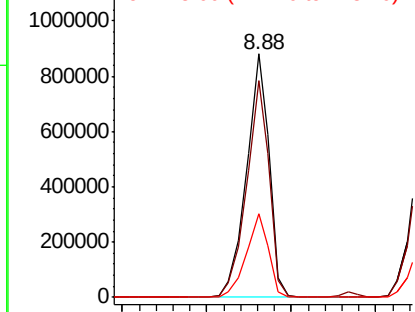


Abundance

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: 46.358 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

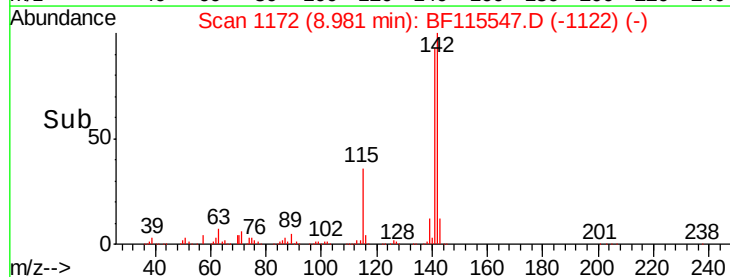
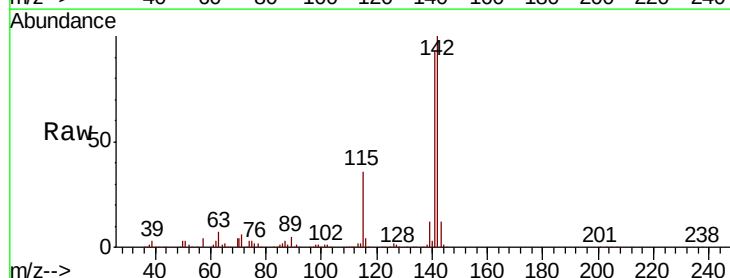
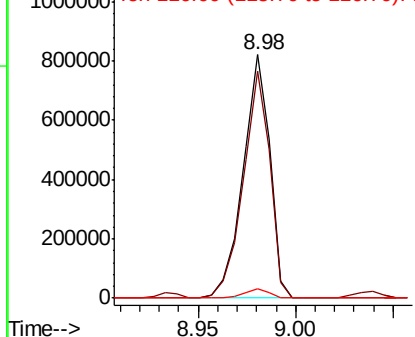
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.3	112.9
116	3.9	3.3	4.9

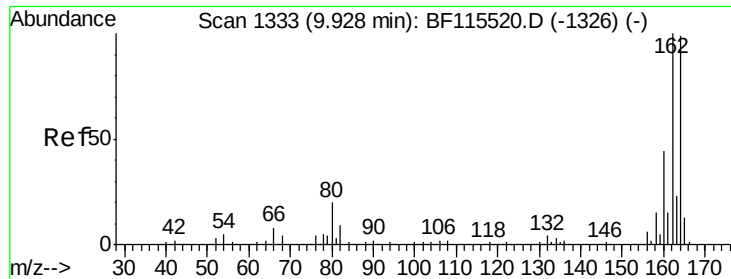
Abundance

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





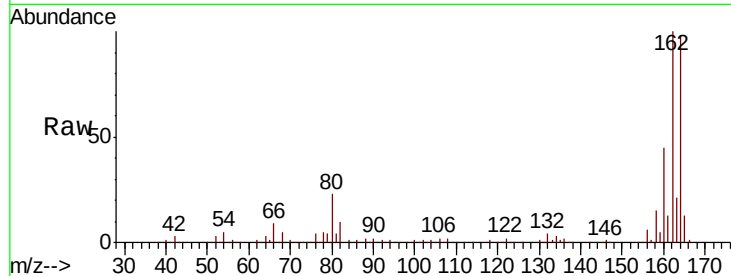
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.9	124.3
160	45.9	36.8	55.2

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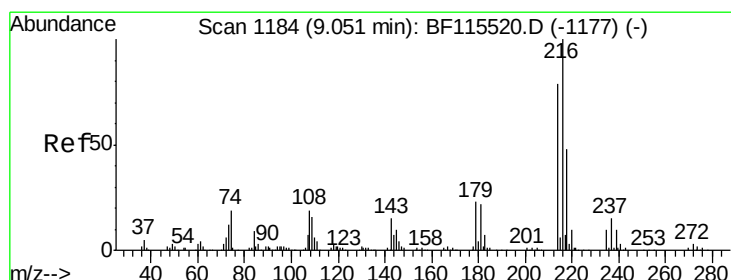
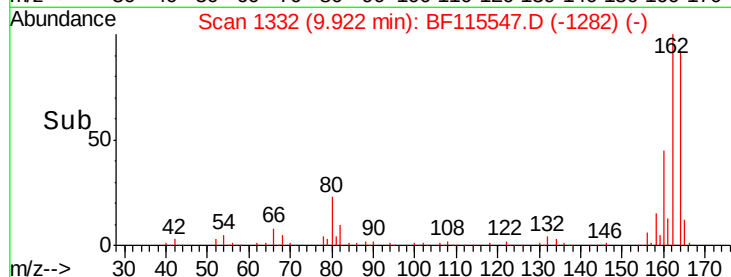
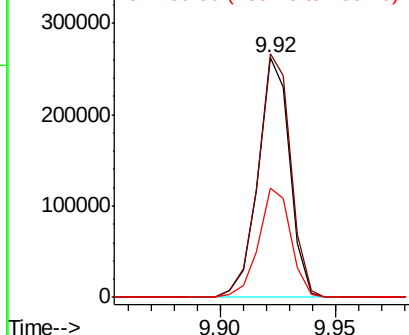


Abundance

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: 50.595 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	65.1	97.7
179	22.0	18.3	27.5
108	18.5	15.7	23.5

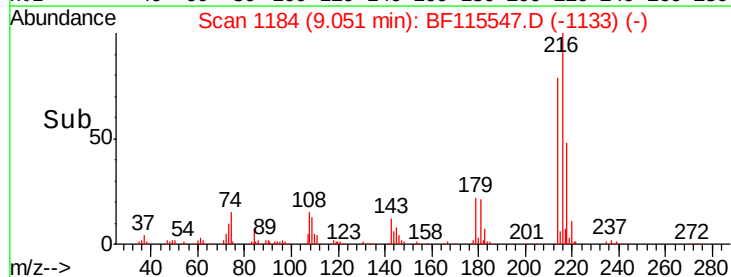
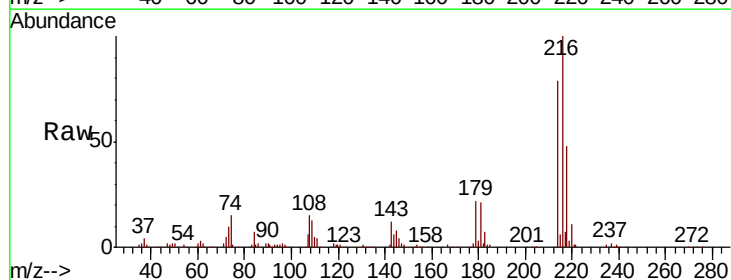
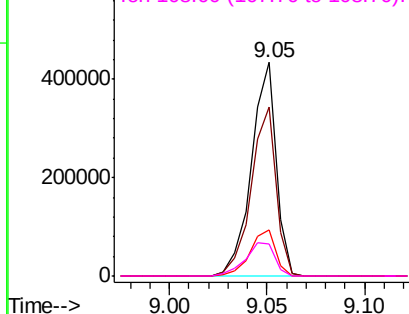
Abundance

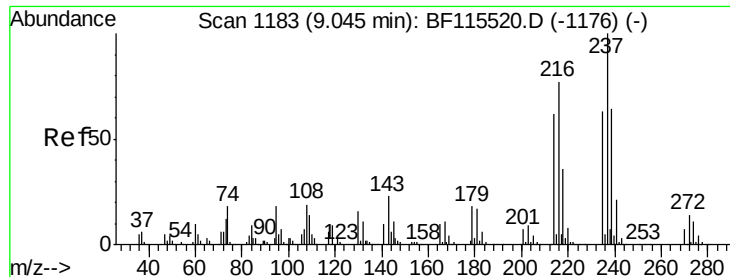
Ion 216.00 (215.70 to 216.70): E

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





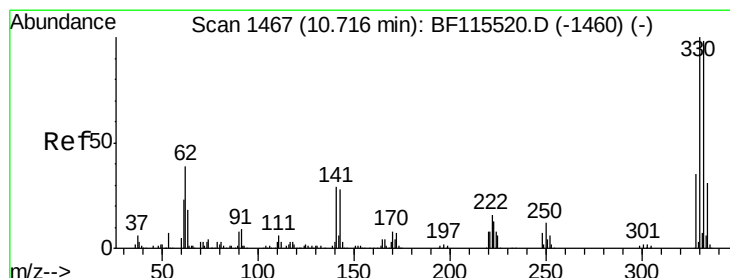
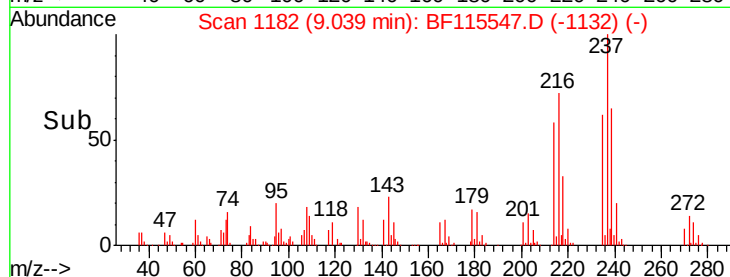
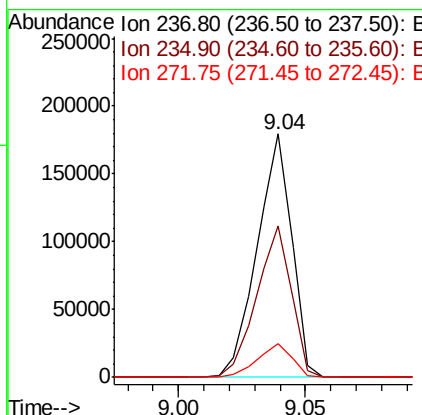
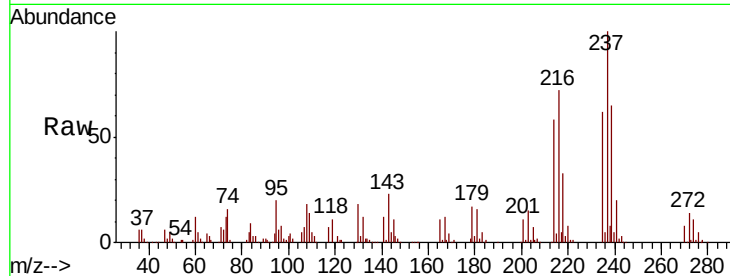
#41
 Hexachlorocyclopentadiene
 Concen: 39.709 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tot Ion:	237	Resp:	171360
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.6	83.6
272	13.9	0.0	33.9

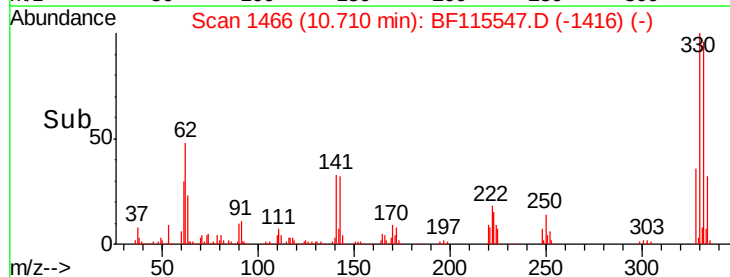
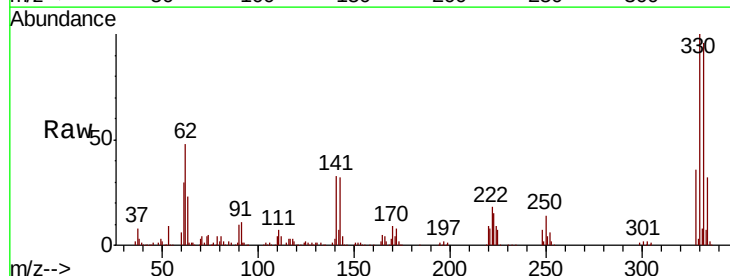
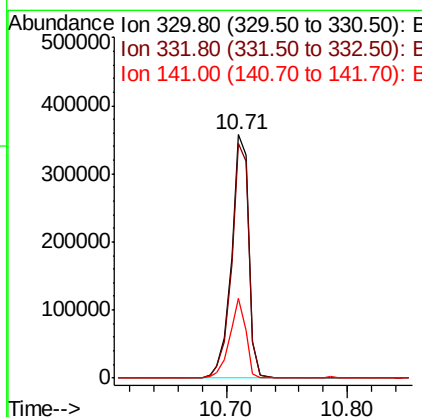
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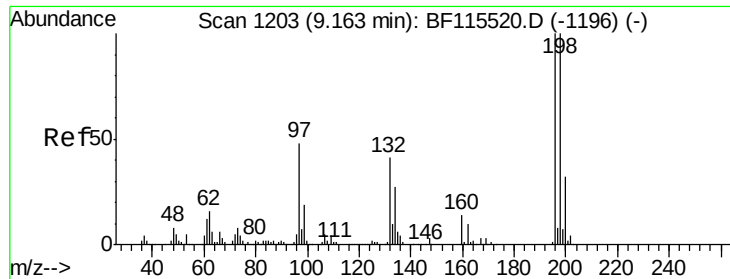
mohammad
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#42
 2,4,6-Tribromophenol
 Concen: 121.304 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion:	330	Resp:	355704
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.2
141	30.7	22.4	33.6





#43

2,4,6-Trichlorophenol

Concen: 45.902 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

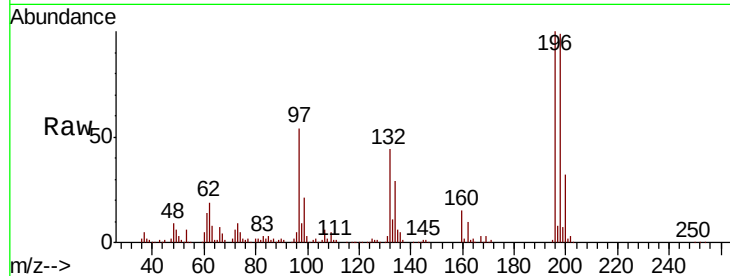
ClientSampled :

TP-1MS

Tot Ion:	196	Resp:	253947
Ion Ratio	Lower	Upper	
196	100		
198	99.3	80.6	121.0
200	32.3	25.8	38.6

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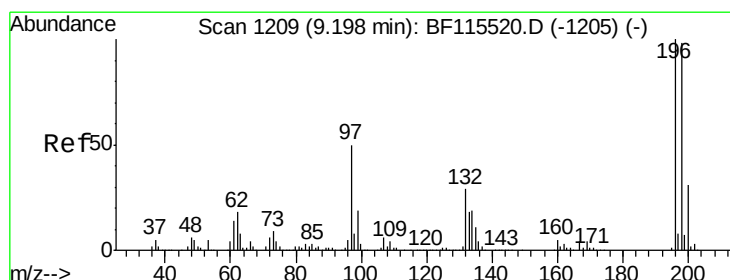
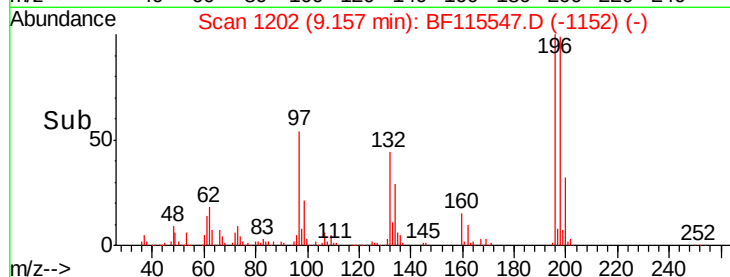
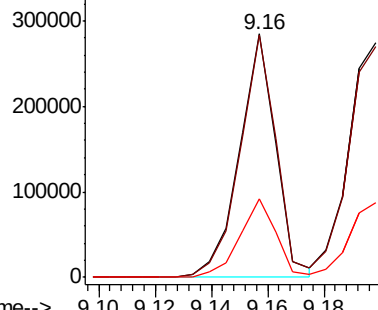


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.757 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	196	Resp:	259246
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.6	119.4
97	42.1	37.8	56.6
132	26.4	22.8	34.2

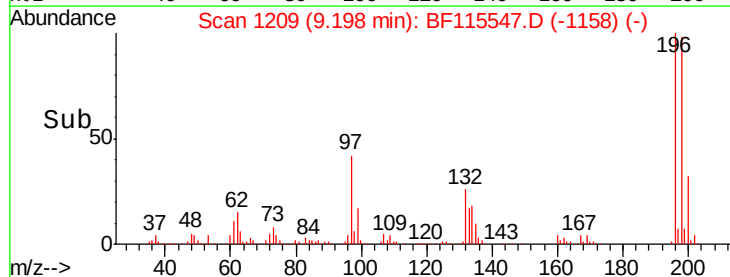
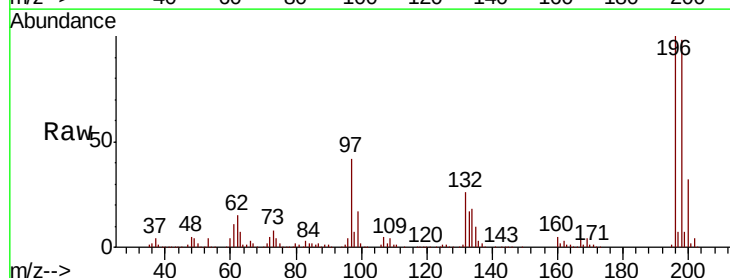
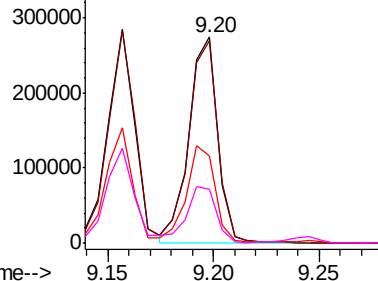
Abundance

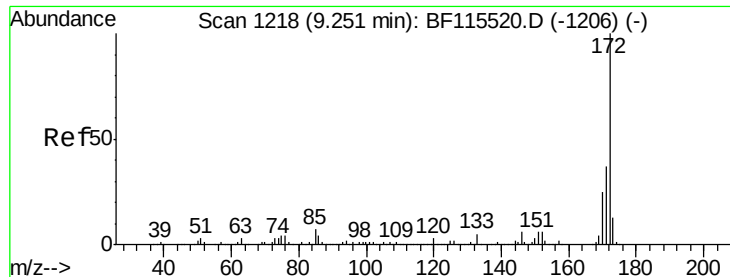
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





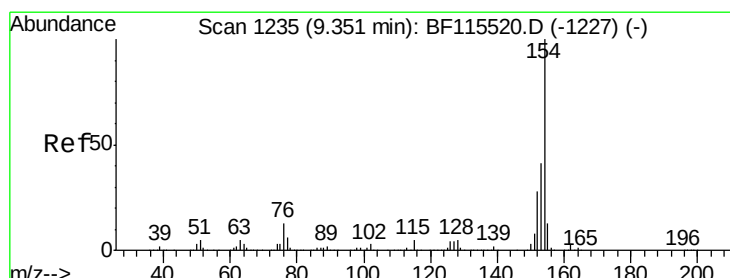
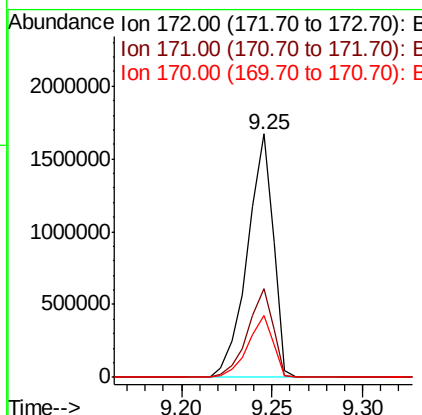
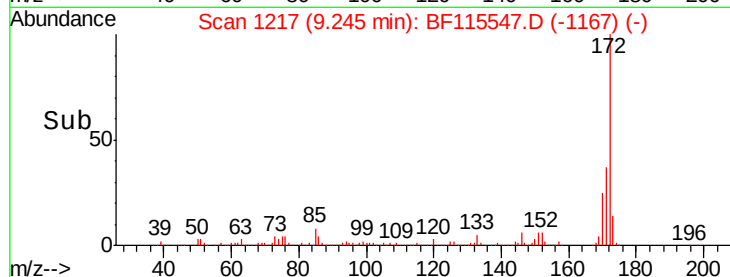
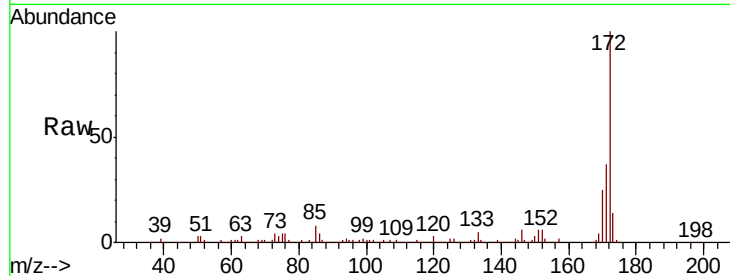
#45
2-Fluorobiphenyl
Concen: 115.797 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:172 Resp: 1662047
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 25.4 20.5 30.7

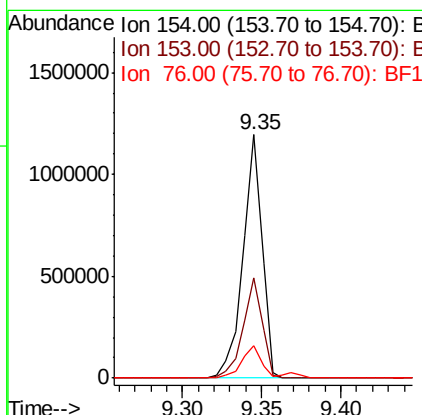
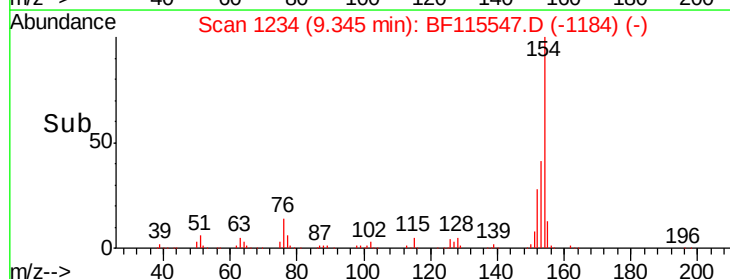
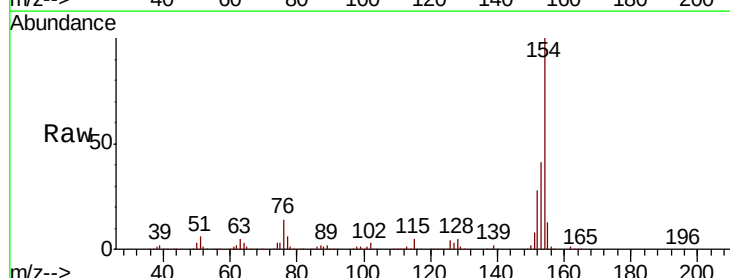
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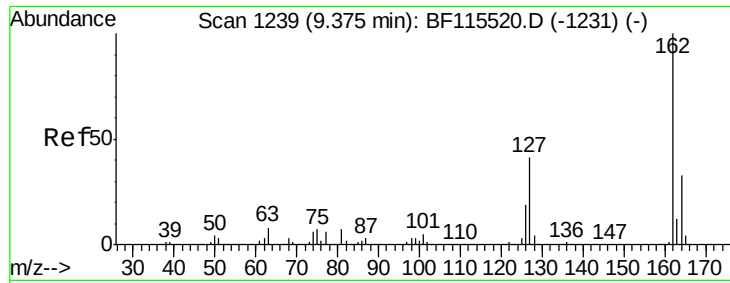
mohammad
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#46
1,1'-Biphenyl
Concen: 50.806 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:154 Resp: 997843
Ion Ratio Lower Upper
154 100
153 41.0 22.6 62.6
76 13.6 0.0 33.4





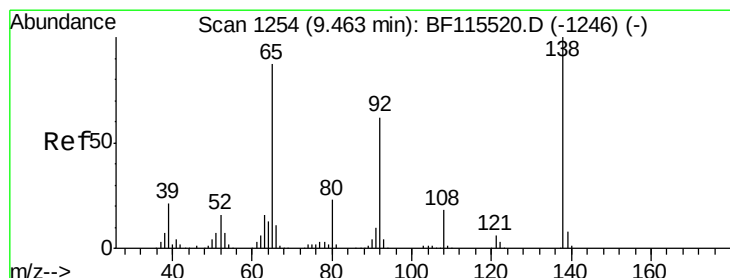
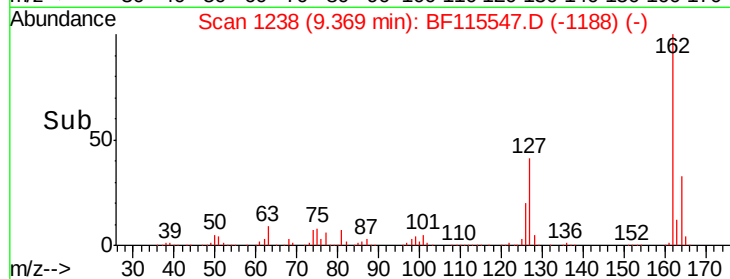
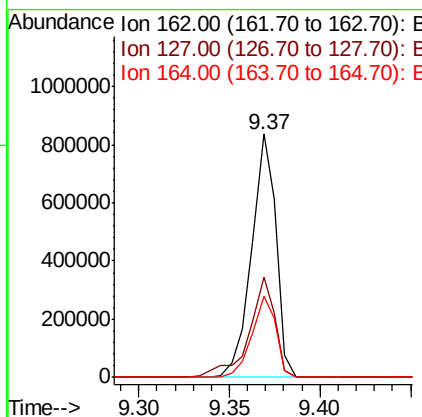
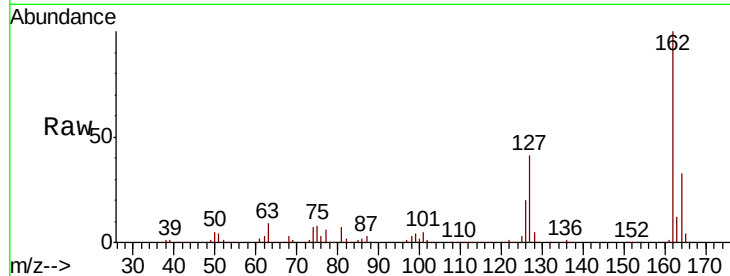
#47
2-Chloronaphthalene
Concen: 47.896 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.1	51.1
164	33.3	27.4	41.2

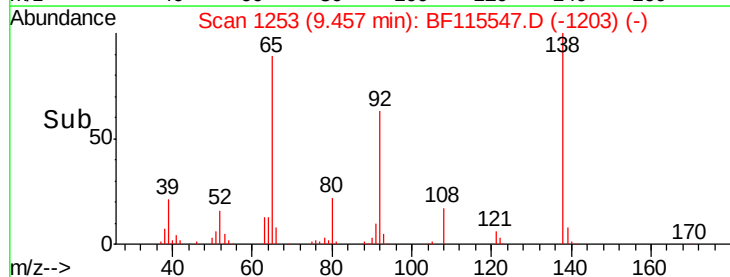
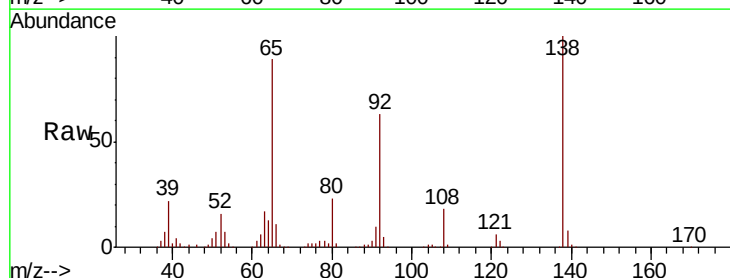
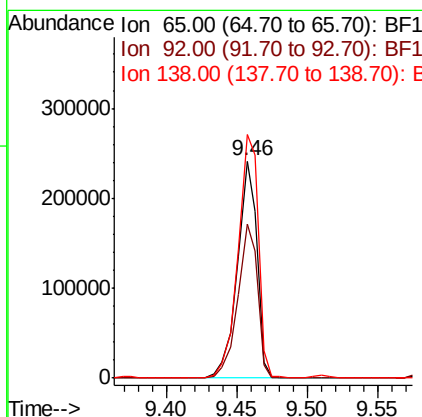
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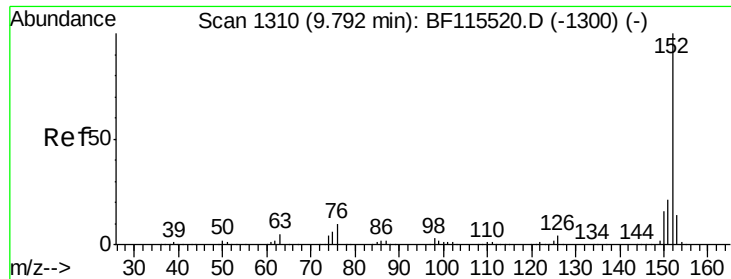
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#48
2-Nitroaniline
Concen: 45.860 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.8	86.6
138	112.2	91.2	136.8





#49

Acenaphthylene

Concen: 48.079 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:152 Resp: 1165043

Ion Ratio Lower Upper

152 100

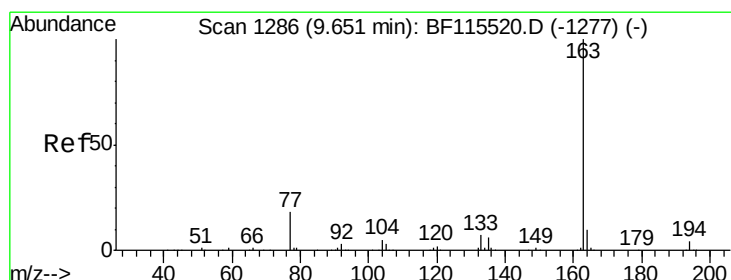
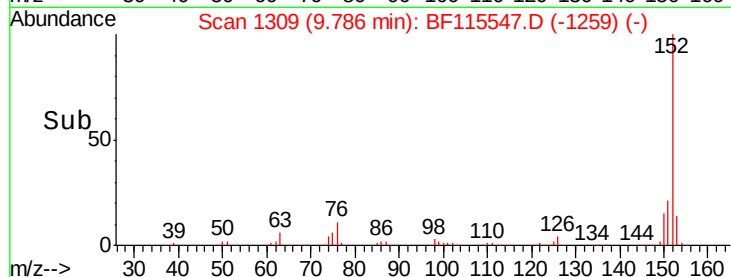
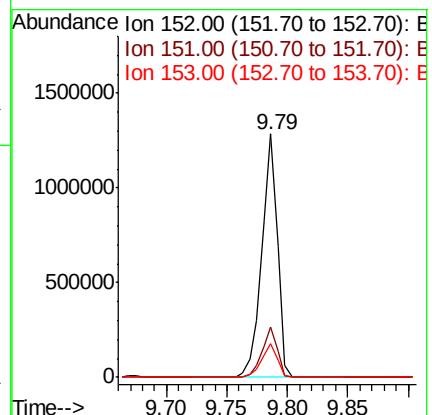
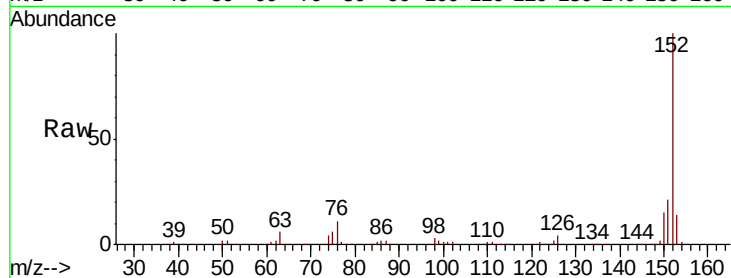
151 20.9 17.7 26.5

153 14.1 12.0 18.0

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#50

Dimethylphthalate

Concen: 63.642 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

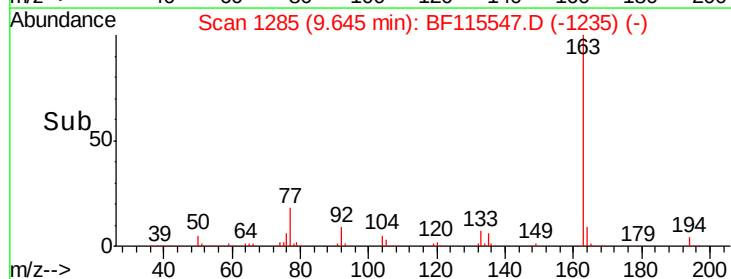
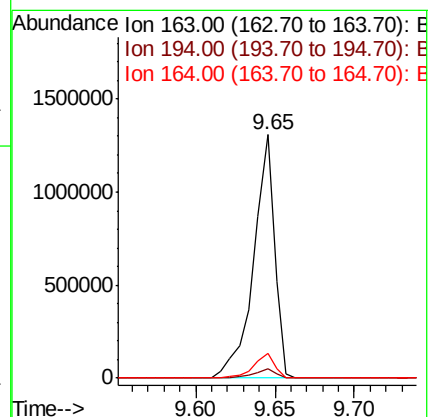
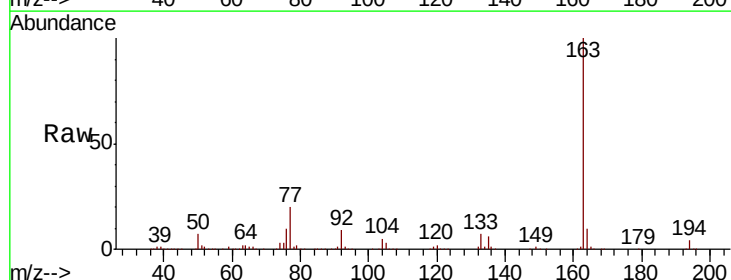
Tgt Ion:163 Resp: 1202900

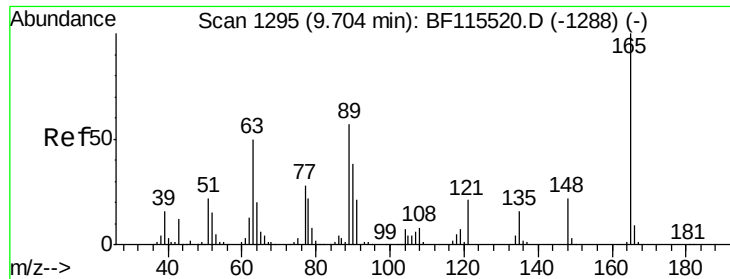
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.7 13.1





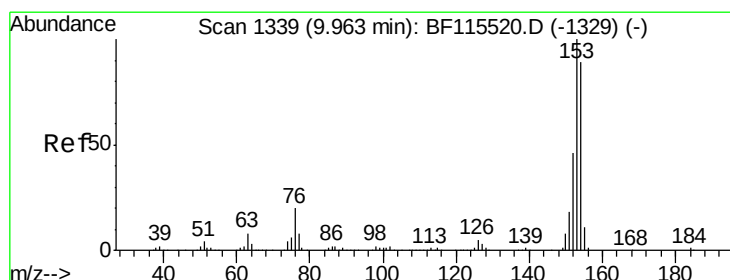
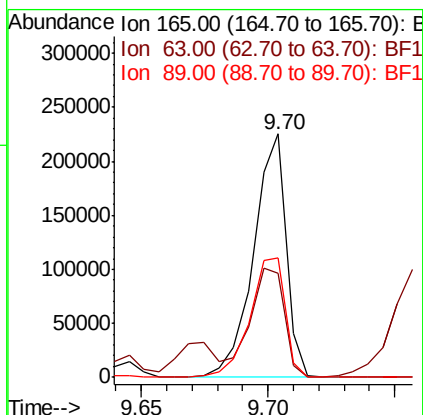
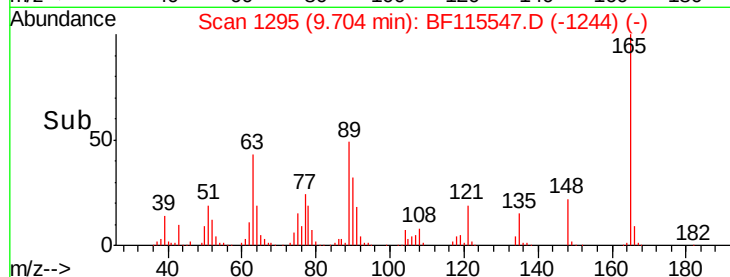
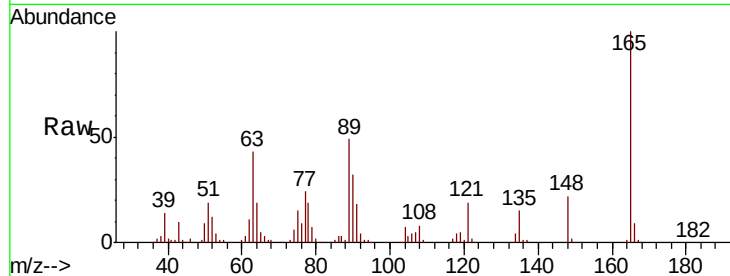
#51
2,6-Dinitrotoluene
Concen: 47.282 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	203095		
63	43.0		40.6	61.0
89	49.1		43.9	65.9

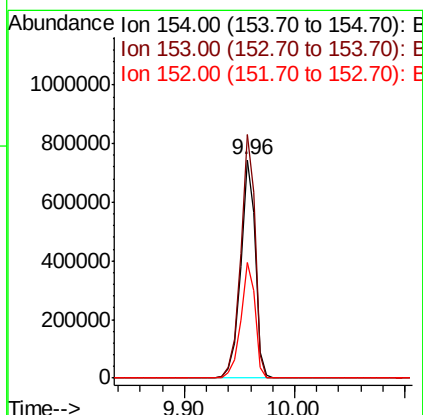
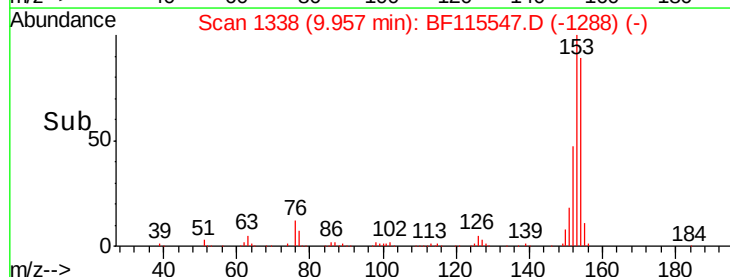
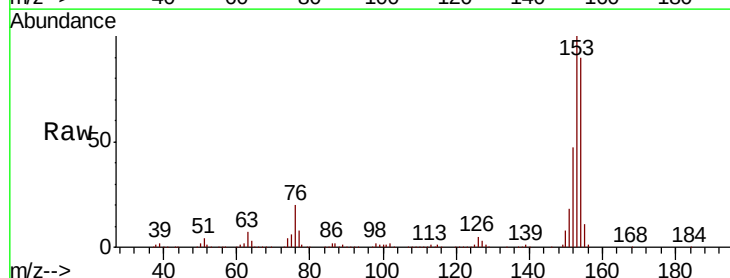
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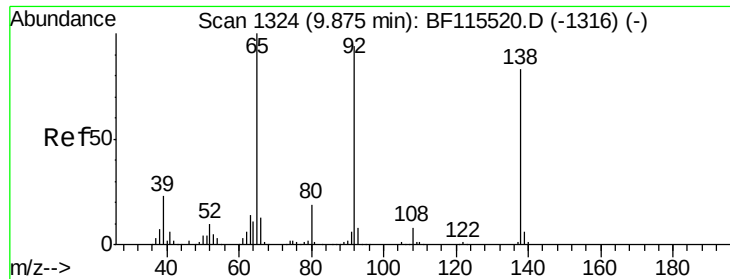
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#52
Acenaphthene
Concen: 44.247 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	692212		
153	111.7		88.6	133.0
152	53.0		42.3	63.5





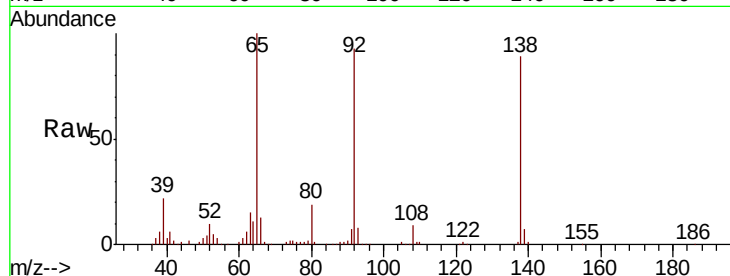
#53
3-Nitroaniline
Concen: 35.438 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.4	12.6
92	104.5	88.0	132.0

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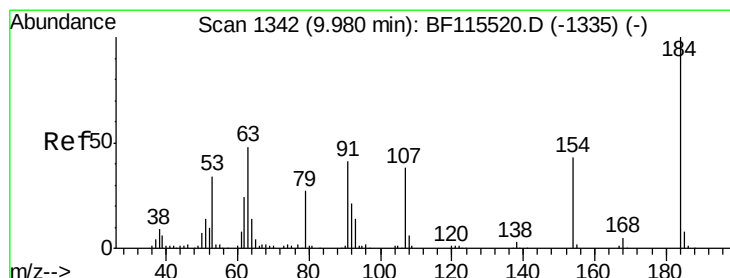
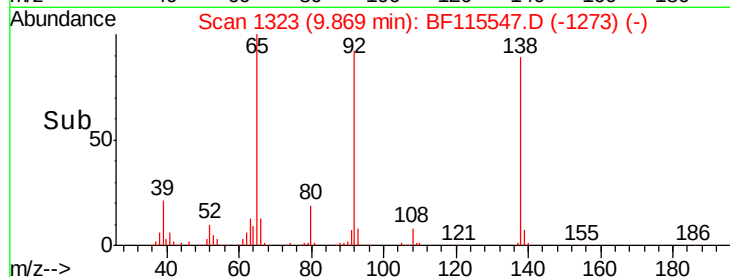
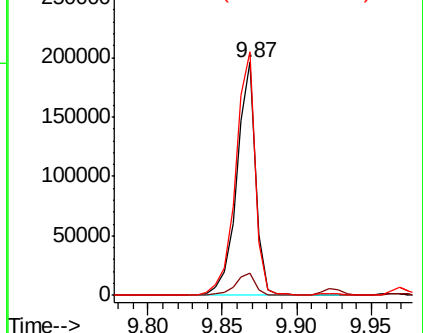


Abundance

Ion 138.00 (137.70 to 138.70): E

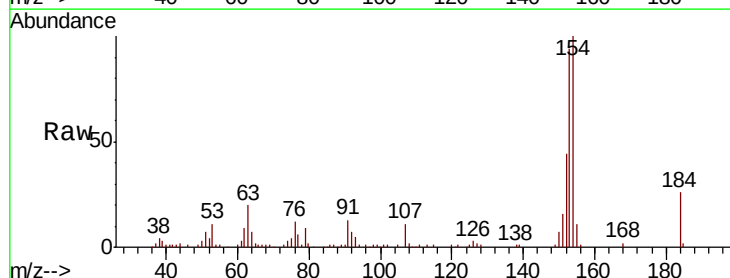
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 9.530 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.2	48.7	73.1#
154	388.5	48.6	73.0#

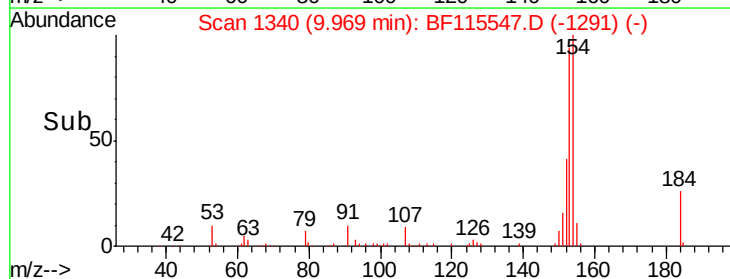
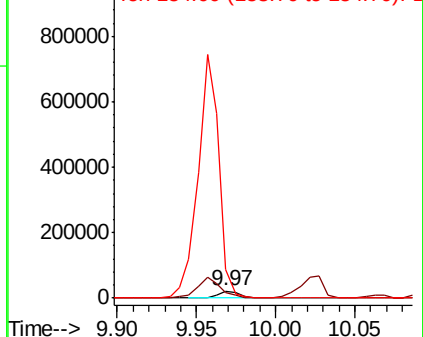


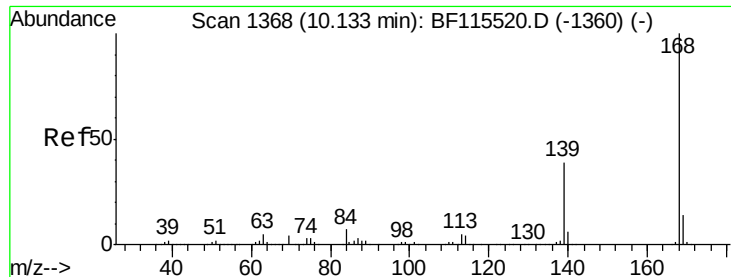
Abundance

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

Dibenzofuran

Concen: 46.038 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampled :

TP-1MS

Tot Ion:168 Resp: 1022820

Ion Ratio Lower Upper

168 100

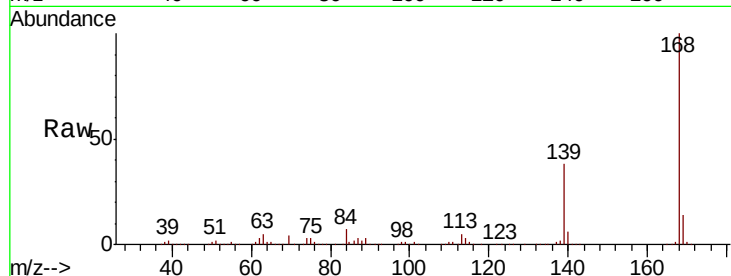
139 38.4 31.1 46.7

169 13.5 11.1 16.7

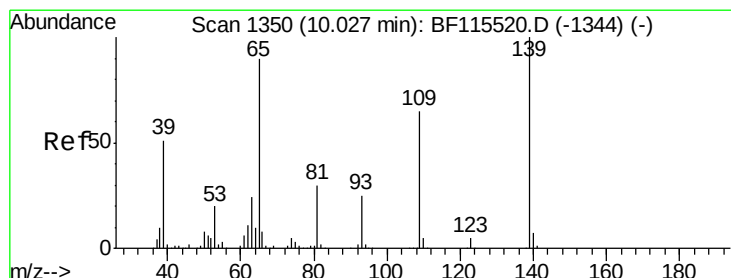
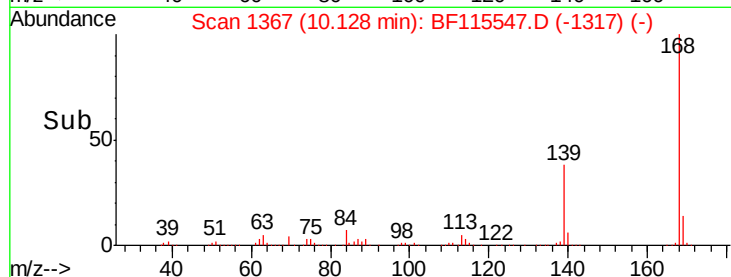
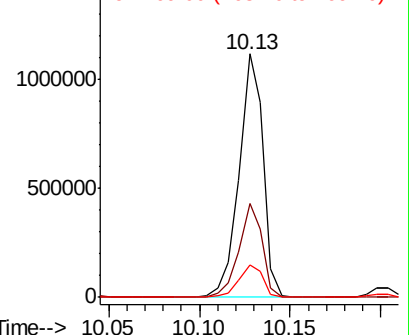
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Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.540 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

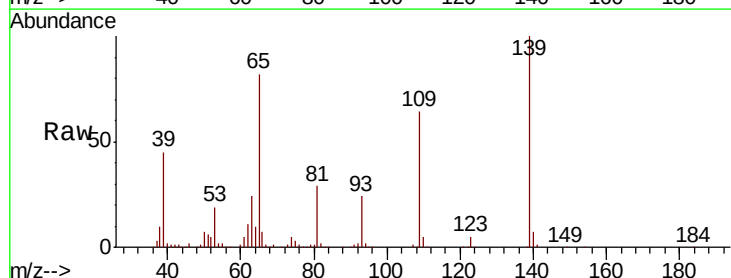
Tgt Ion:139 Resp: 282749

Ion Ratio Lower Upper

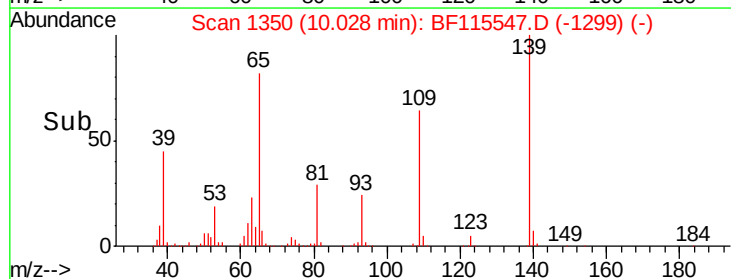
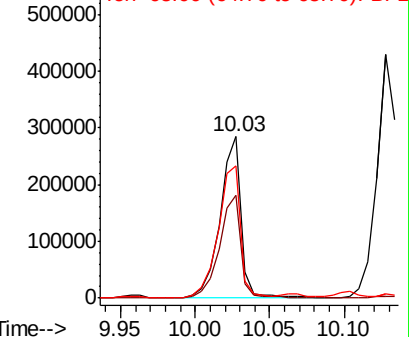
139 100

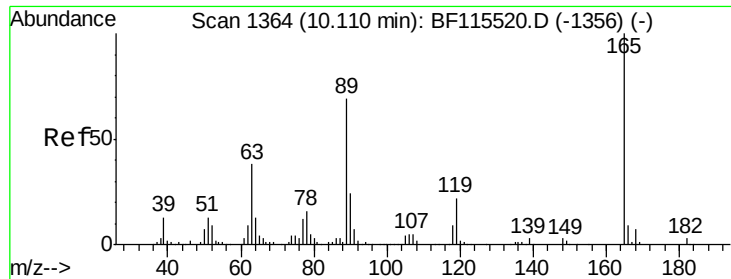
109 63.7 46.4 86.4

65 82.4 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





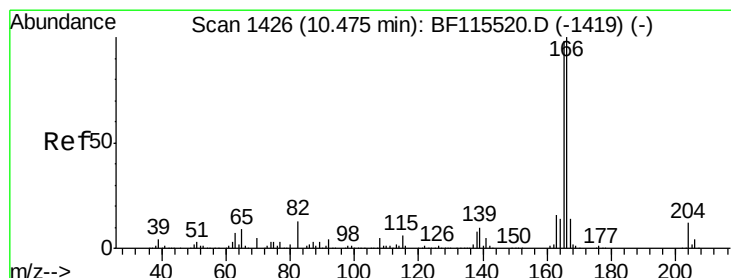
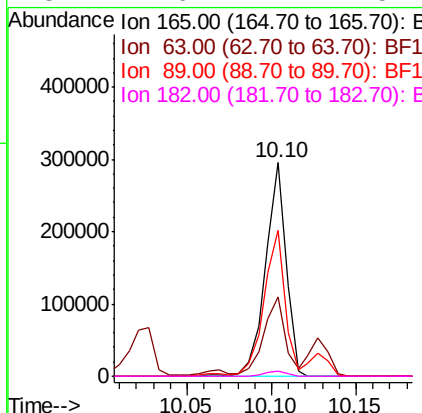
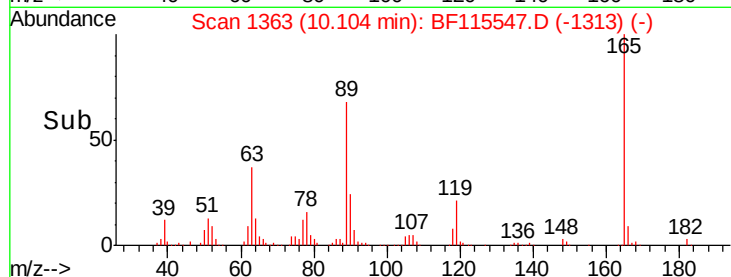
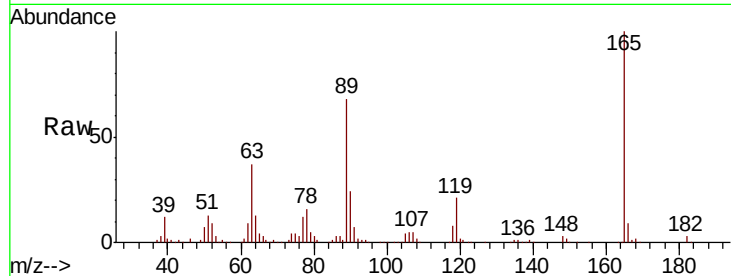
#57
2,4-Dinitrotoluene
Concen: 44.808 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		249352		
63	37.2		34.9	52.3	
89	68.2		57.5	86.3	
182	2.6		2.2	3.4	

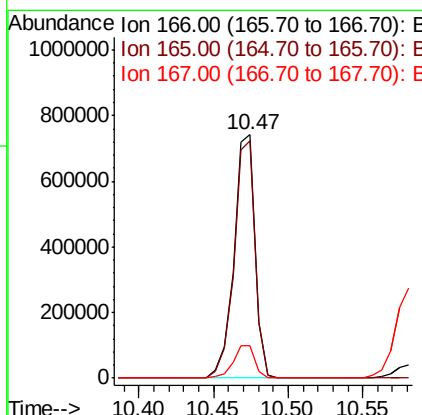
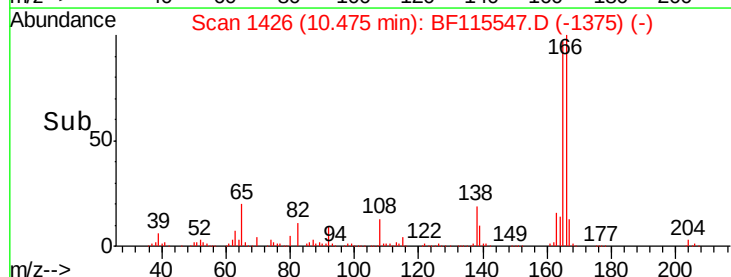
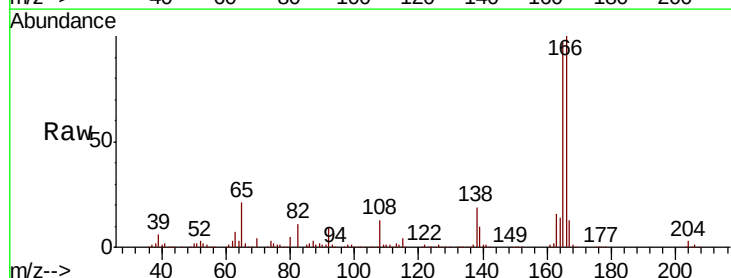
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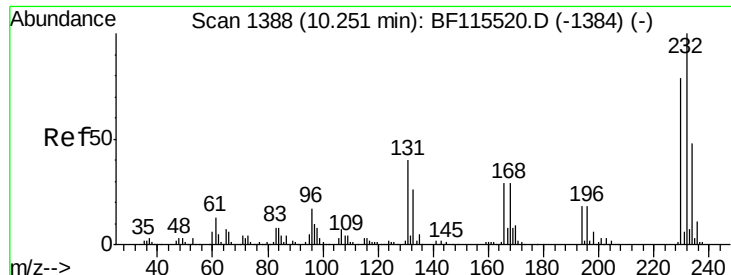
mohammad
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#58
Fluorene
Concen: 46.235 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		734334		
165	97.4		79.8	119.6	
167	13.1		11.2	16.8	





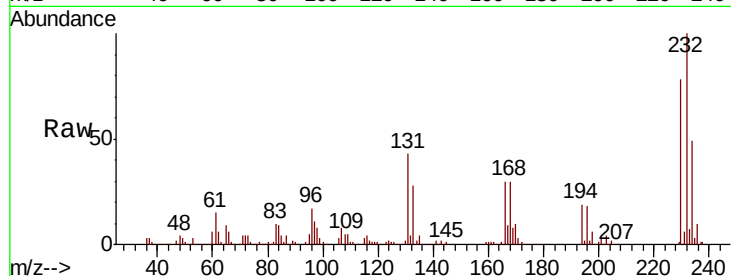
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.230 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	190538		
131	44.1	35.9	53.9	
130	2.1	1.8	2.6	
166	30.1	24.8	37.2	

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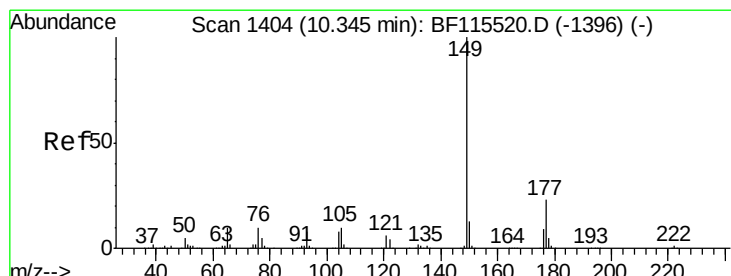
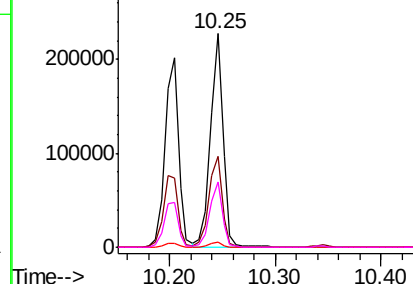
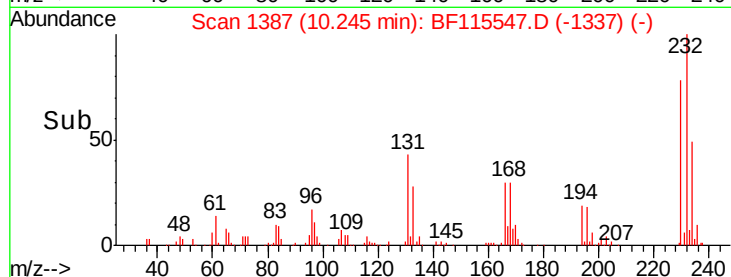
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

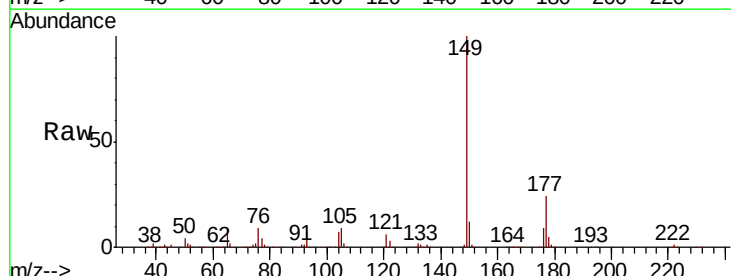
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.475 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	858473		
177	23.5	19.5	29.3	
150	12.3	10.4	15.6	

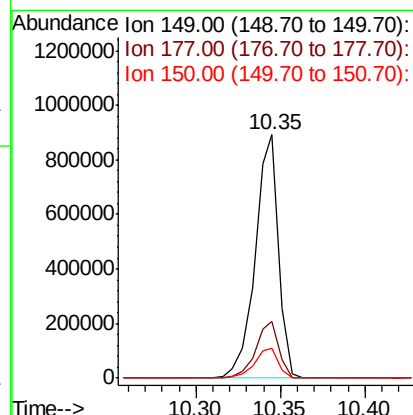
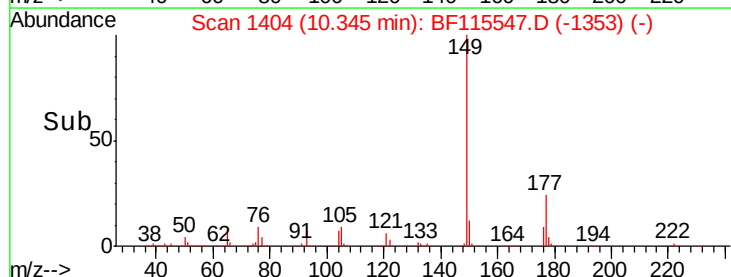


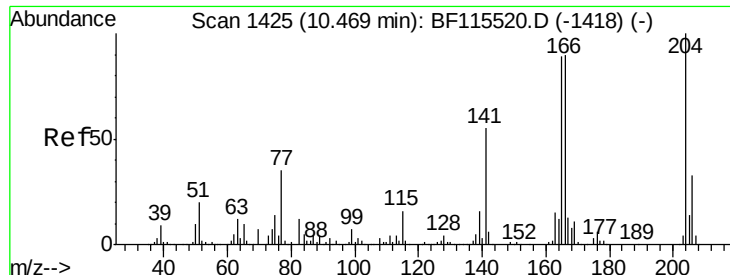
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





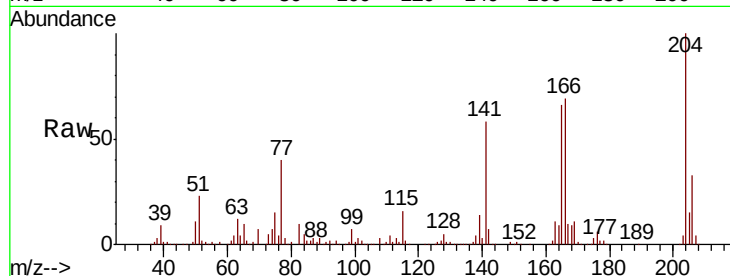
#61
 4-Chlorophenyl-phenylether
 Concen: 43.927 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

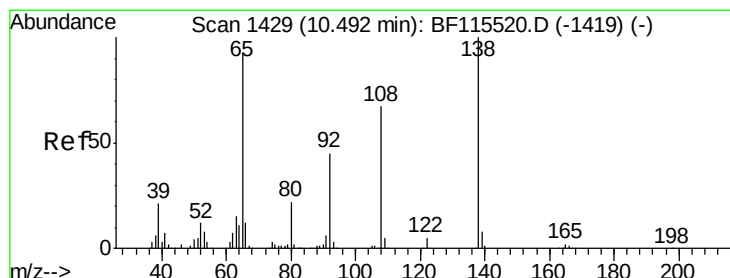
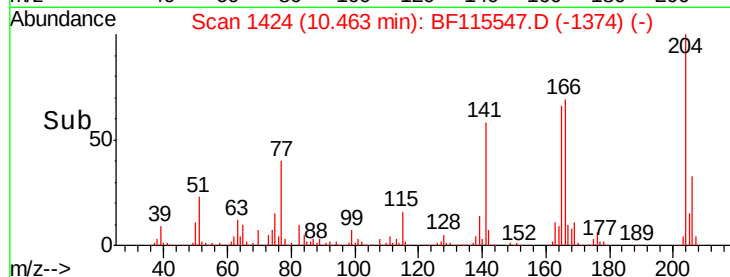
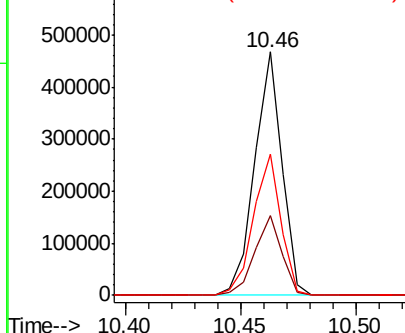
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	58.1	44.2	66.2

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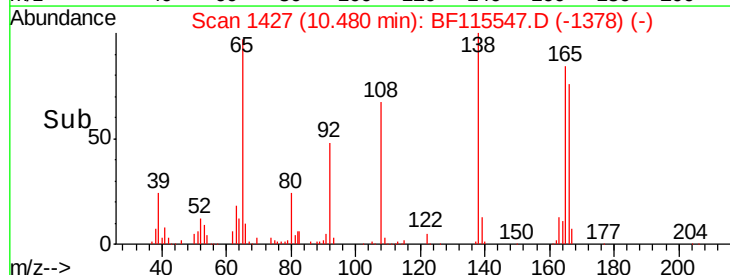
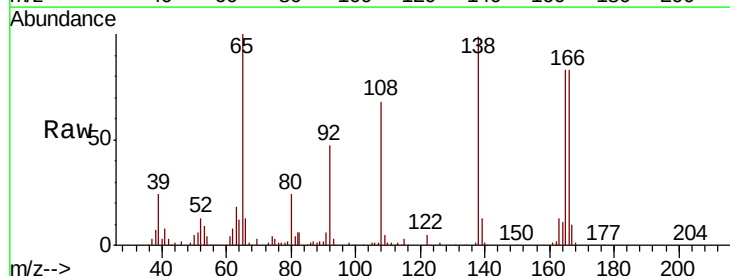
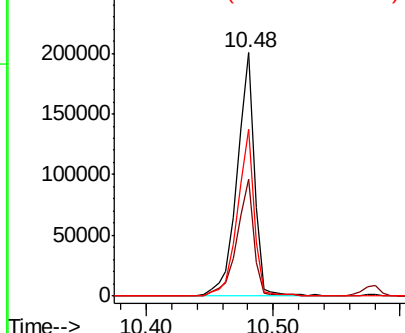
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

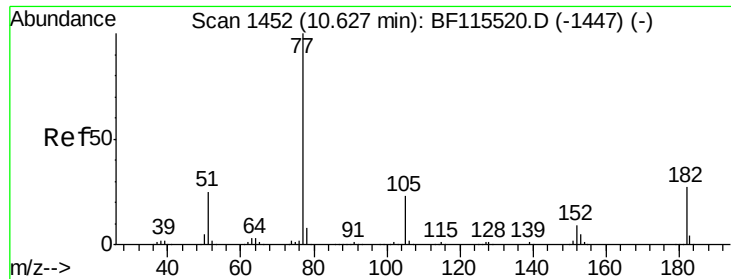


#62
 4-Nitroaniline
 Concen: 39.955 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.1	67.1
108	68.7	48.0	88.0

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





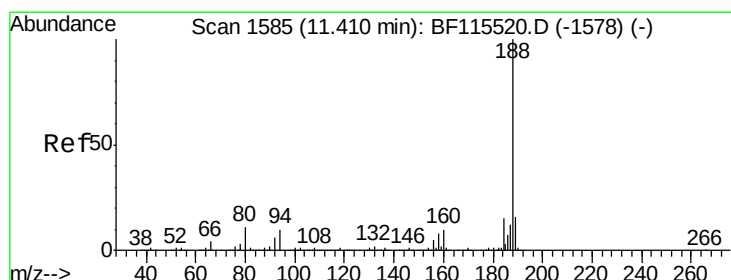
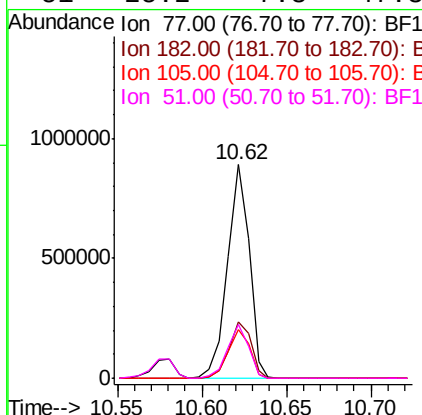
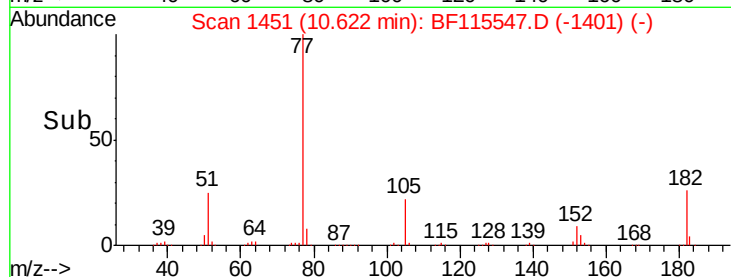
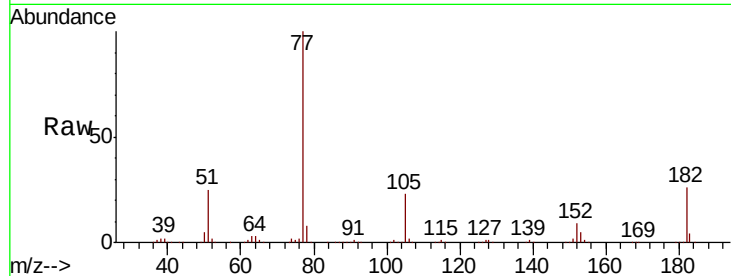
#63
Azobenzene
Concen: 46.224 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	6.9	46.9	
105	22.8	3.9	43.9	
51	25.2	7.3	47.3	

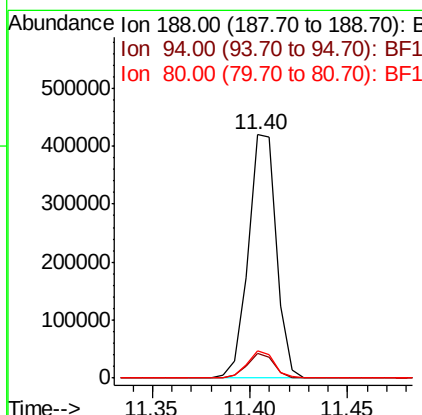
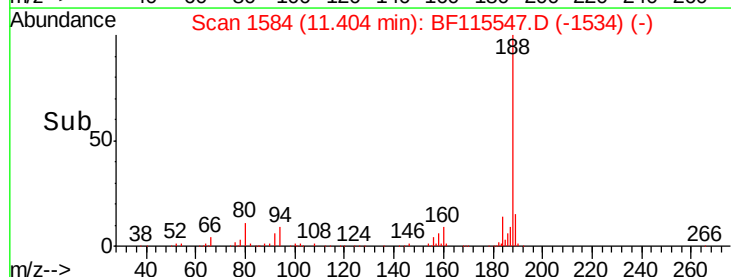
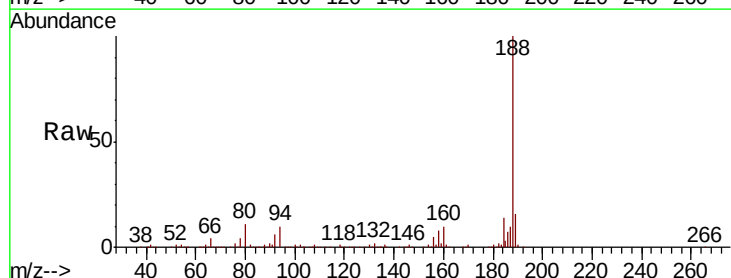
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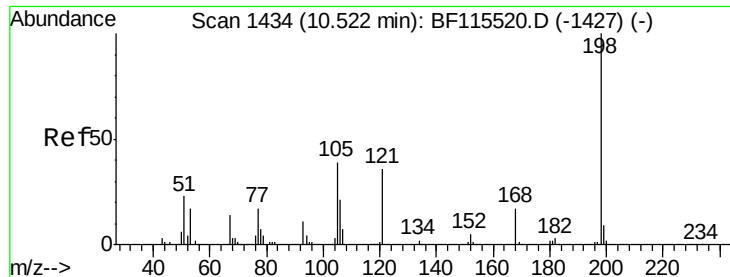
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	7.8	11.6	
80	11.4	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 12.748 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

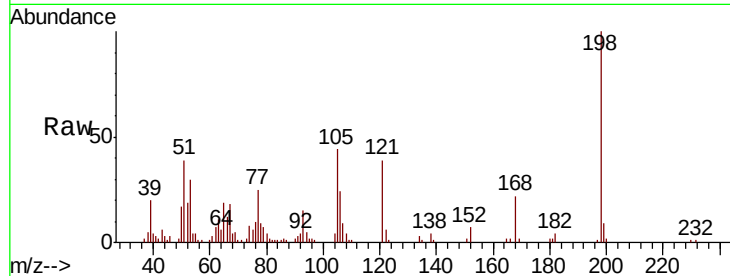
ClientSampled :

TP-1MS

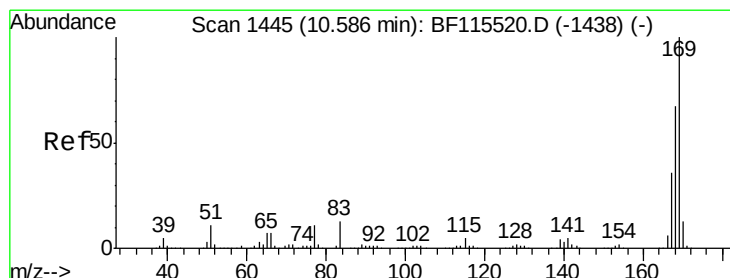
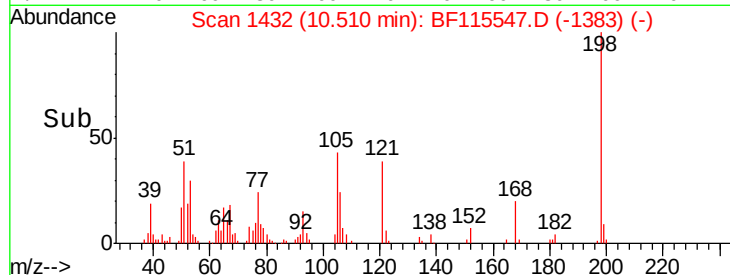
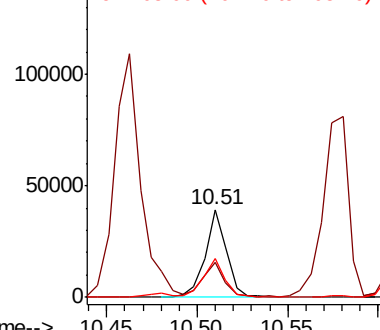
Tot Ion:	198	Resp:	32645
Ion Ratio	Lower	Upper	
198	100		
51	39.2	19.1	59.1
105	44.1	23.6	63.6

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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: 51.761 ng

RT: 10.58 min Scan# 1444

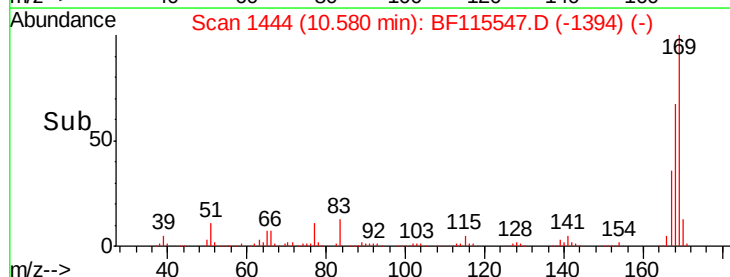
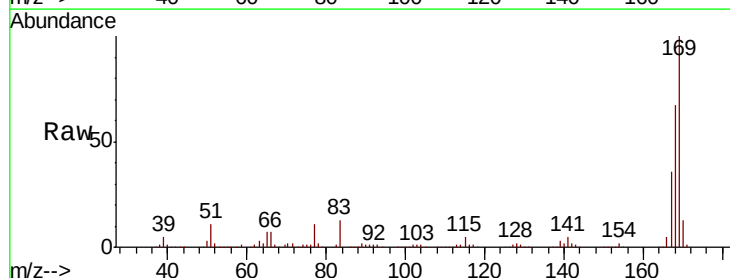
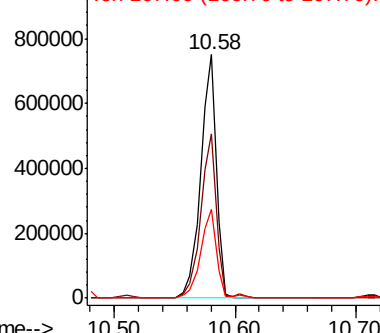
Delta R.T. -0.01 min

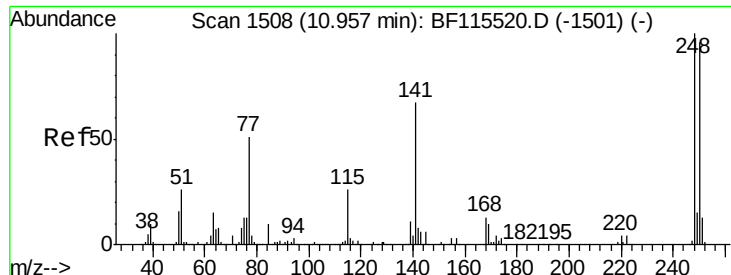
Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	169	Resp:	674862
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.3	81.5
167	36.4	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





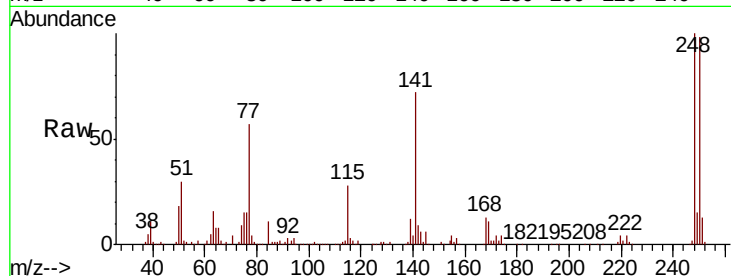
#67
4-Bromophenyl-phenylether
Concen: 48.491 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.0	117.0
141	72.4	57.7	86.5

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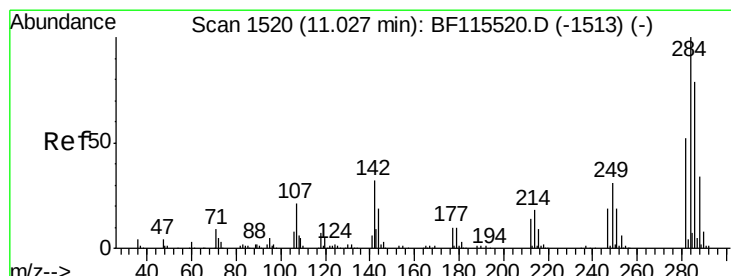
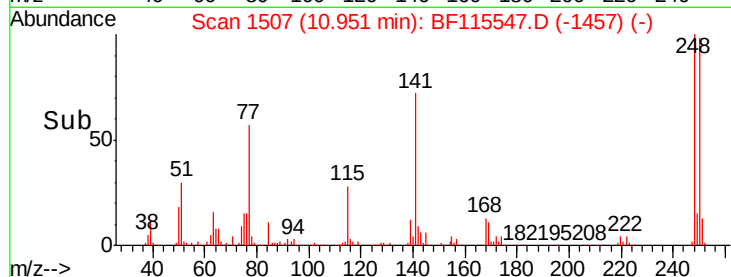
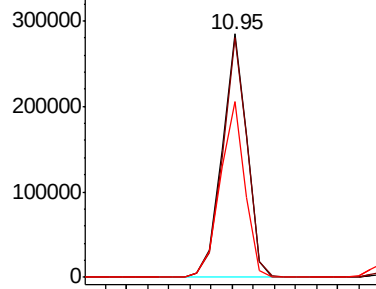


Abundance

Ion 248.00 (247.70 to 248.70): E

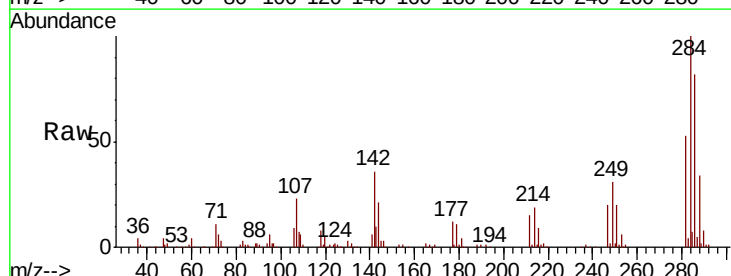
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.274 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	22.2	33.2#
249	31.3	23.4	35.2

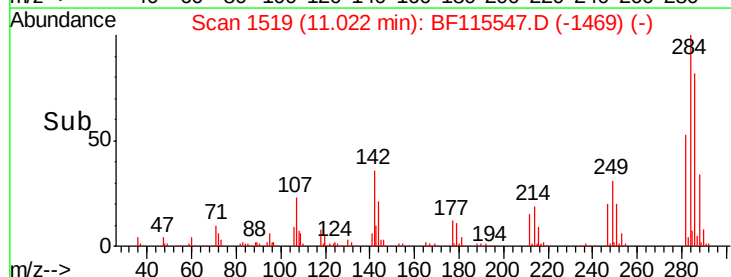
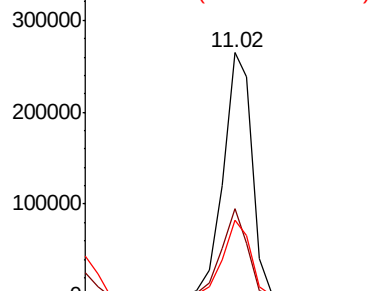


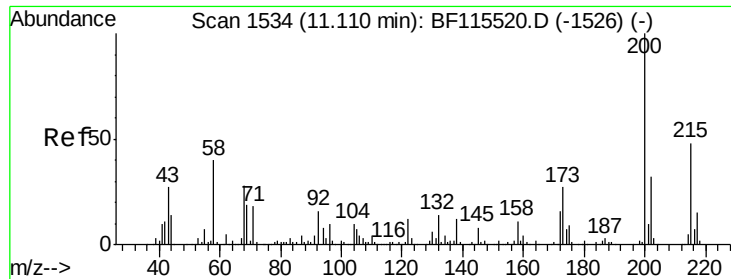
Abundance

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





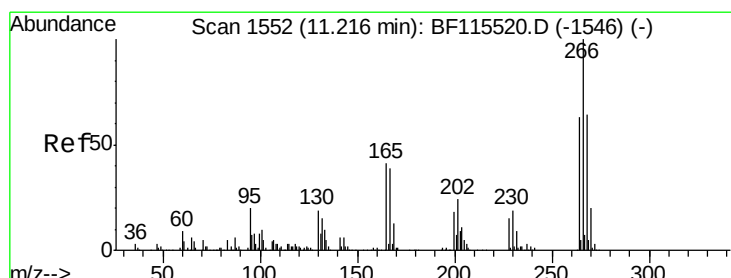
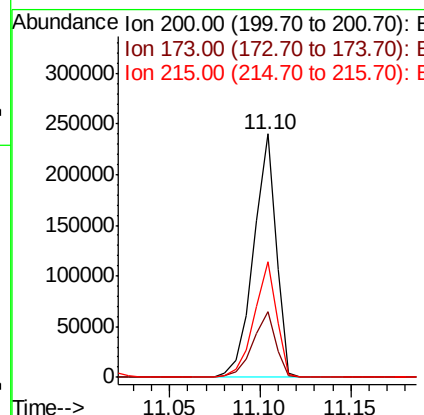
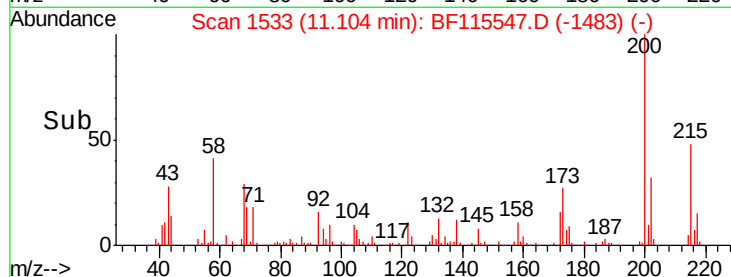
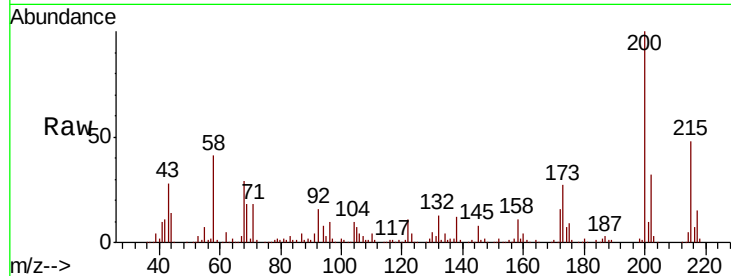
#69
Atrazine
Concen: 48.710 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	208343		
173	27.2	6.9	46.9	
215	47.7	27.9	67.9	

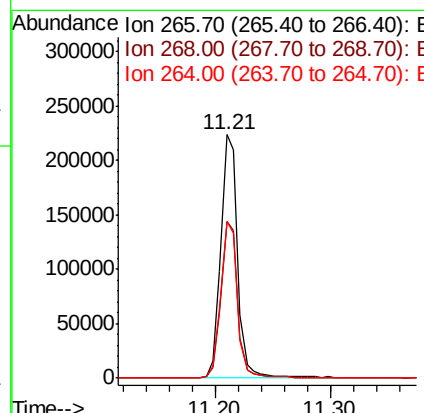
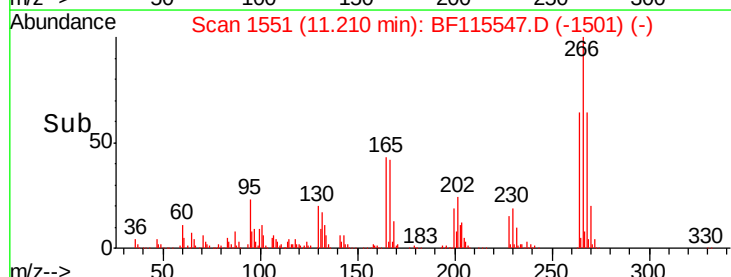
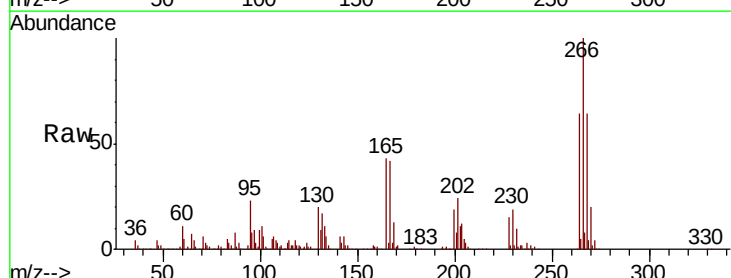
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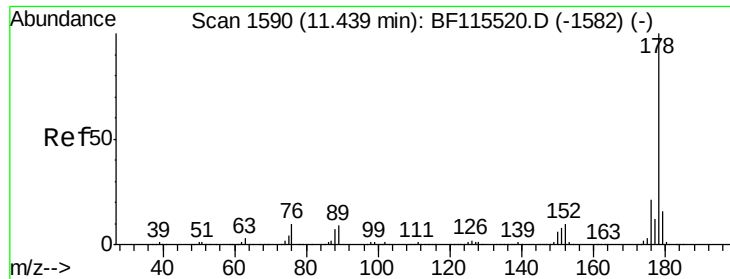
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#70
Pentachlorophenol
Concen: 68.112 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	227874		
268	64.4	51.6	77.4	
264	64.5	50.6	76.0	





#71

Phenanthrene

Concen: 47.447 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:178 Resp: 1019392

Ion Ratio Lower Upper

178 100

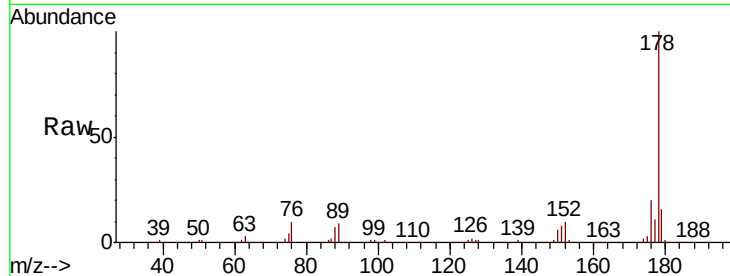
176 20.4 17.2 25.8

179 15.9 13.5 20.3

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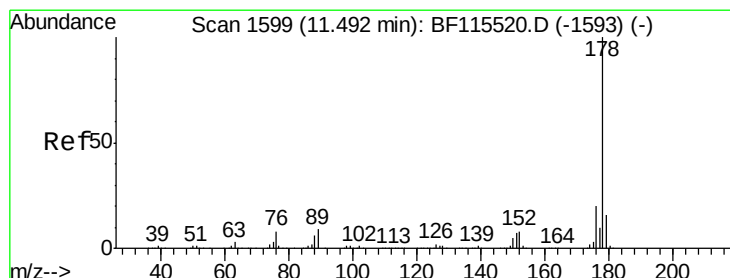
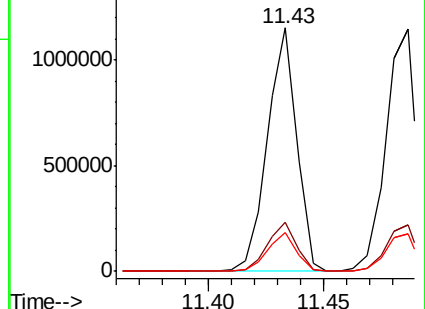
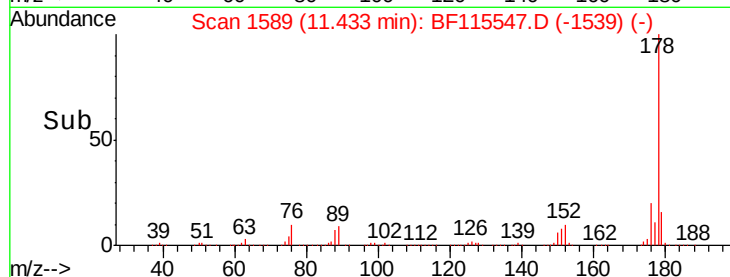
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.313 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

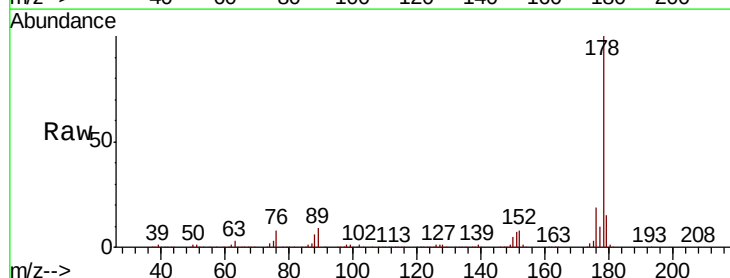
Tgt Ion:178 Resp: 1050538

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

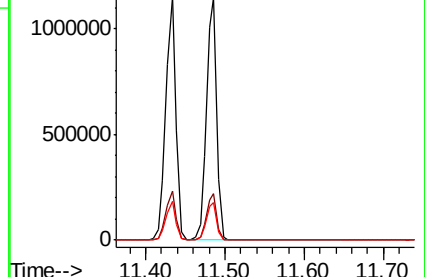
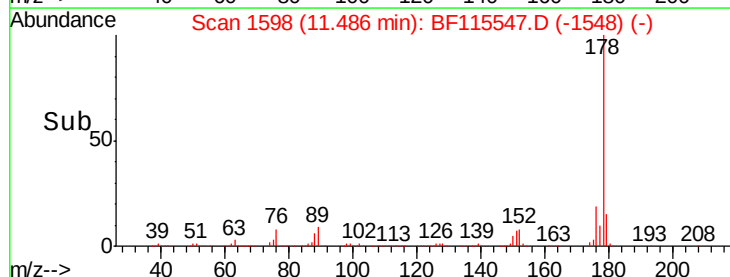
179 15.3 12.7 19.1

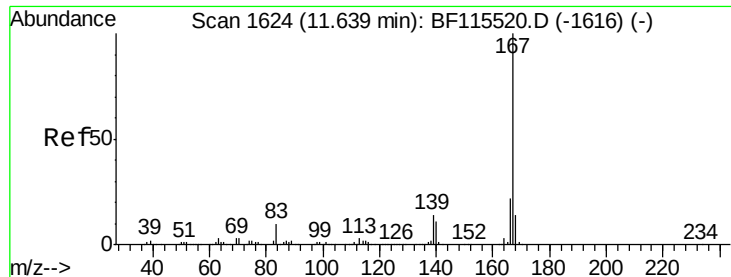


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





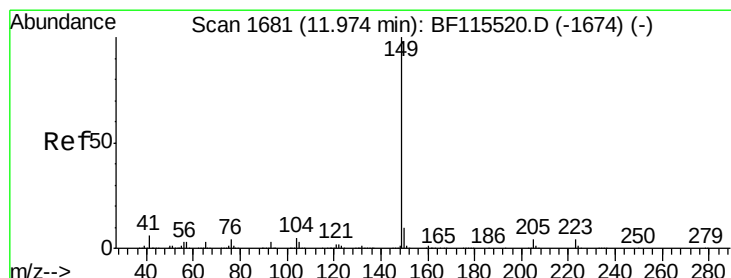
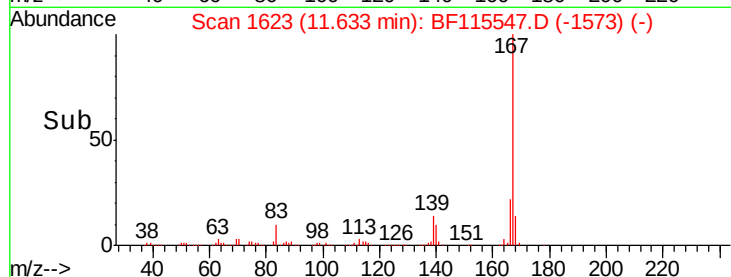
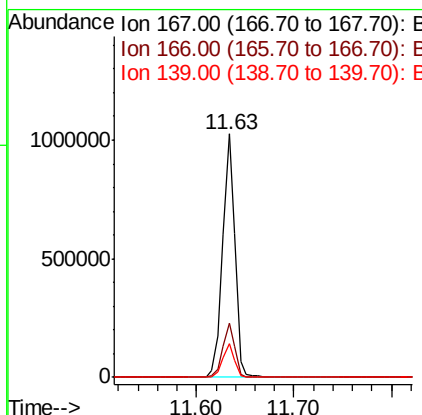
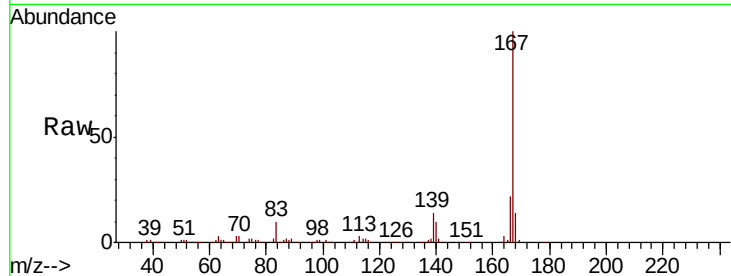
#73
 Carbazole
 Concen: 46.412 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampled :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.6	11.3	16.9

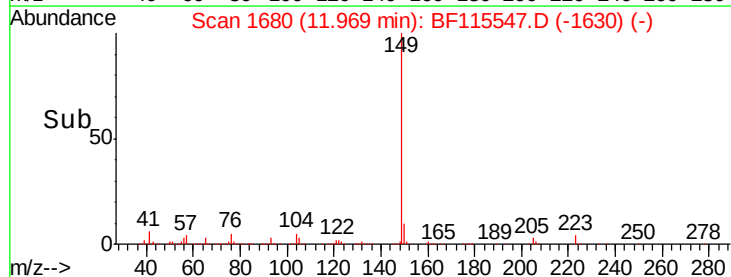
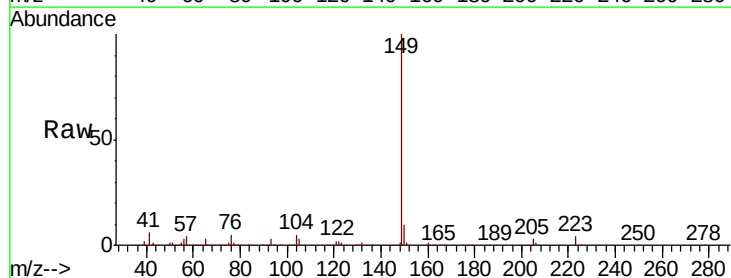
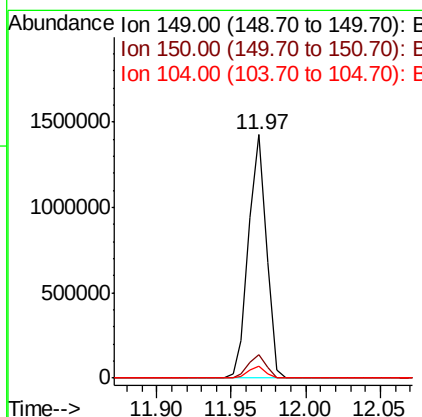
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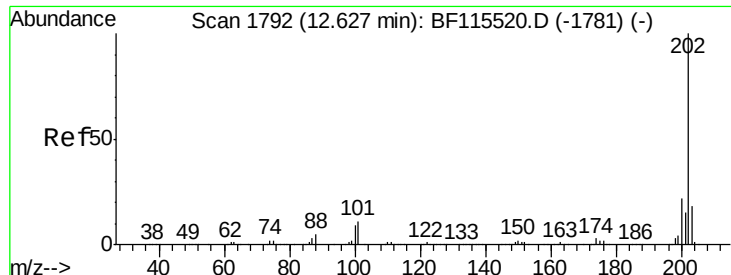
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#74
 Di-n-butylphthalate
 Concen: 49.257 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.9	3.8	5.8





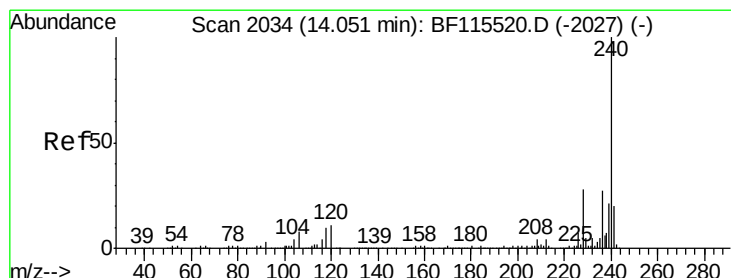
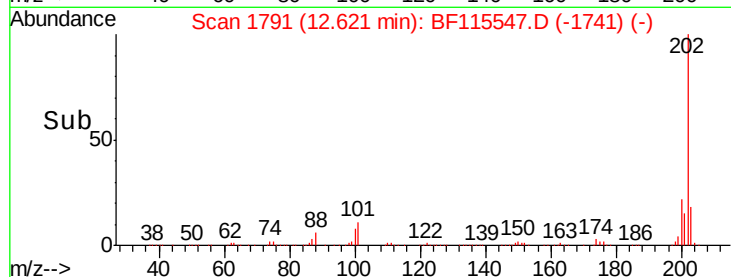
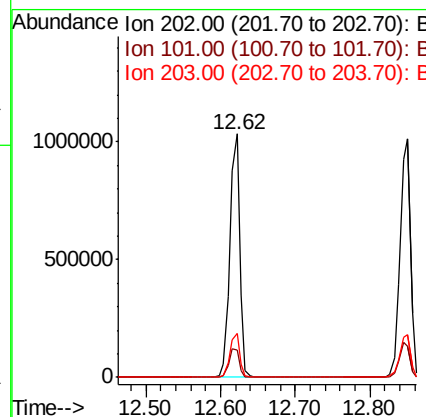
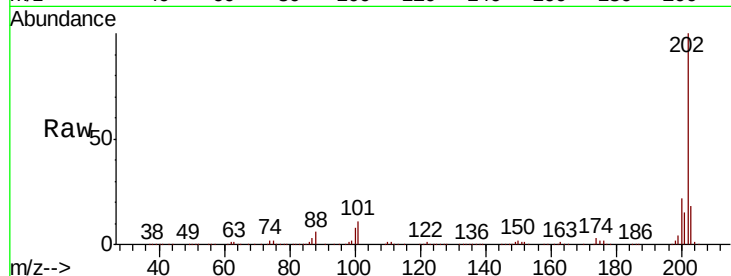
#75
Fluoranthene
Concen: 42.295 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.9	0.0	38.1

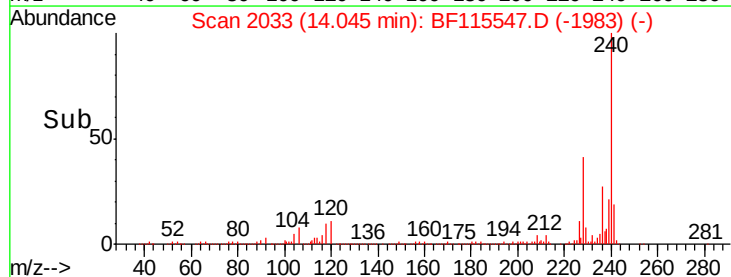
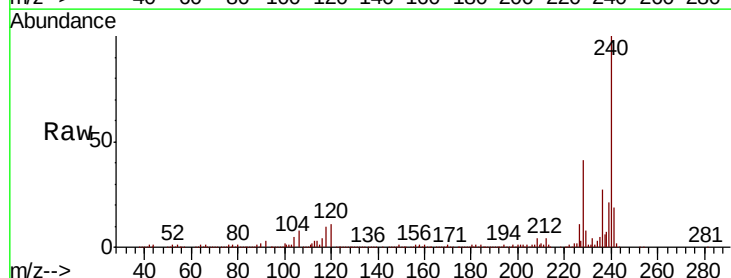
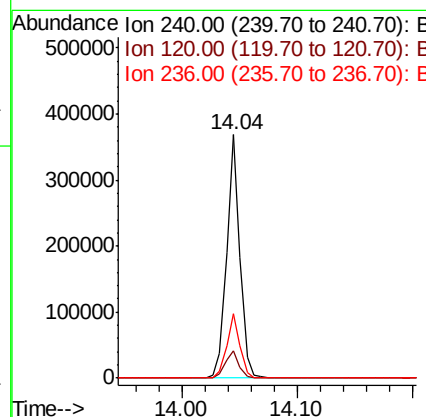
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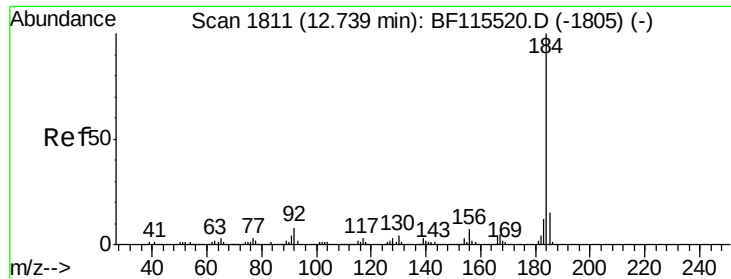
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	8.6	13.0
236	26.7	21.3	31.9





#77

Benzidine

Concen: 0.489 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampled :

TP-1MS

Tot Ion:184 Resp: 5070

Ion Ratio Lower Upper

184 100

185 21.9 12.0 18.0#

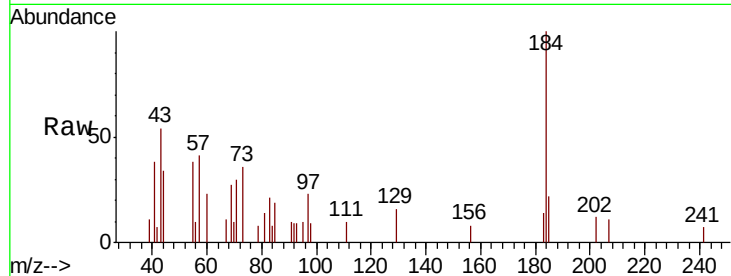
183 14.5 9.3 13.9#

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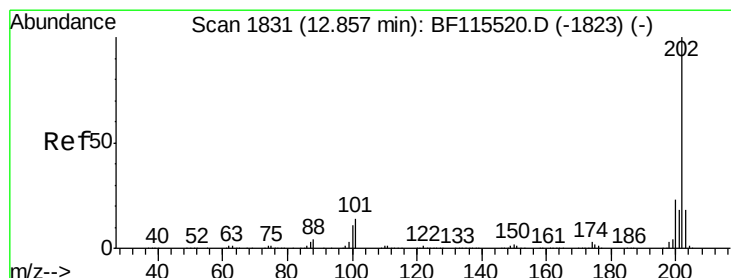
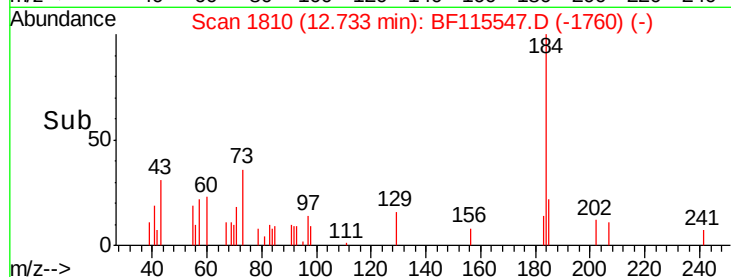
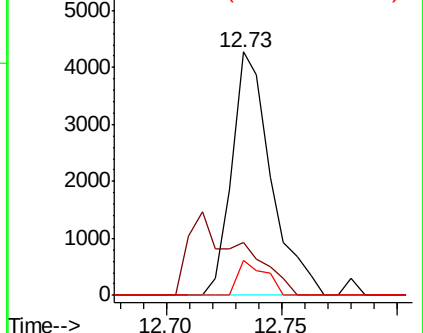
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.046 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:202 Resp: 968821

Ion Ratio Lower Upper

202 100

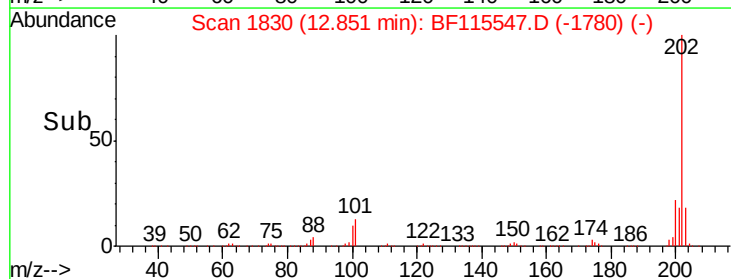
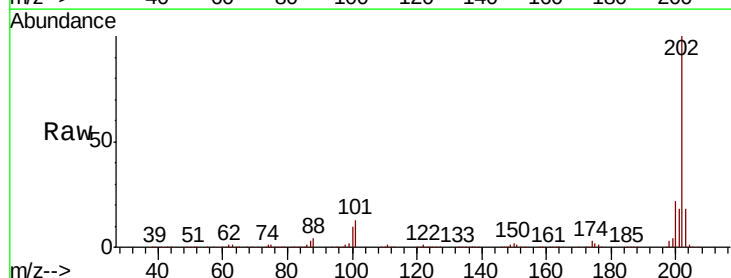
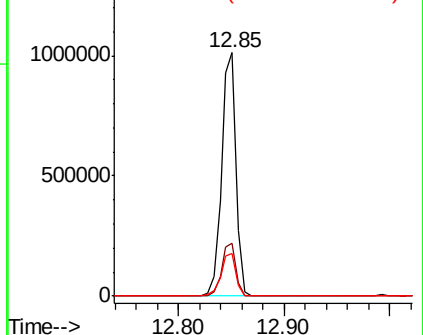
200 21.7 18.7 28.1

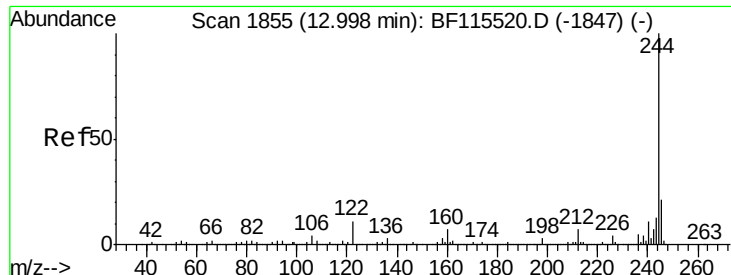
203 17.7 15.2 22.8

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





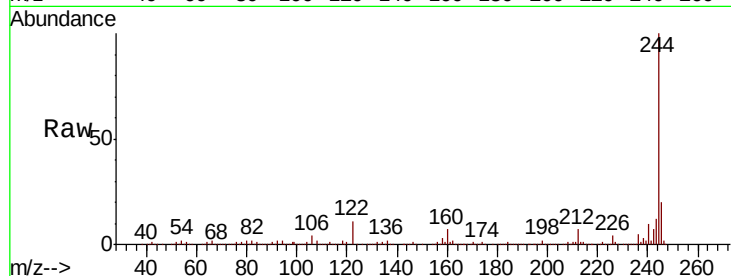
#79
 Terphenyl-d14
 Concen: 86.796 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

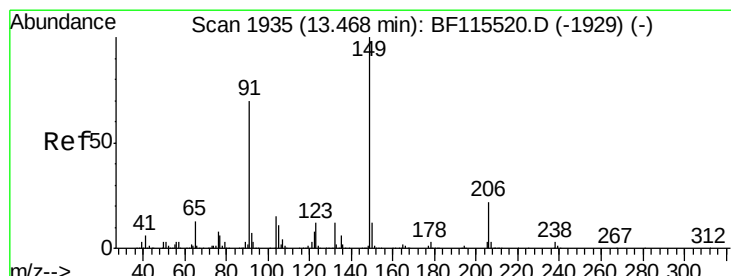
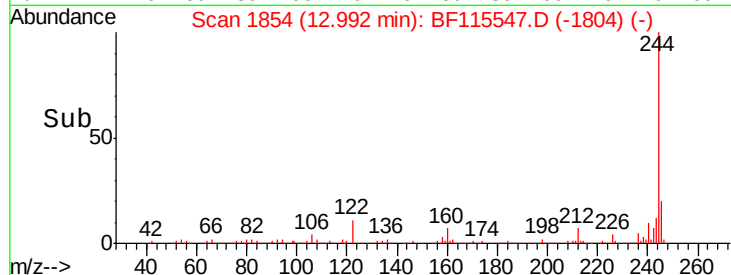
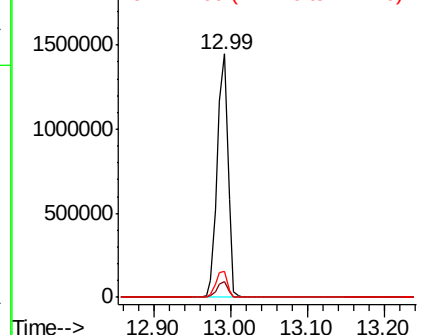
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	10.6	8.6	12.8

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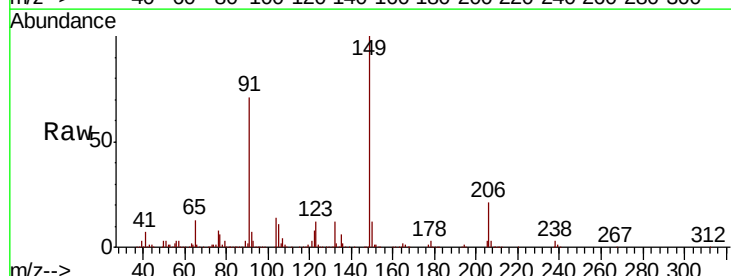


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

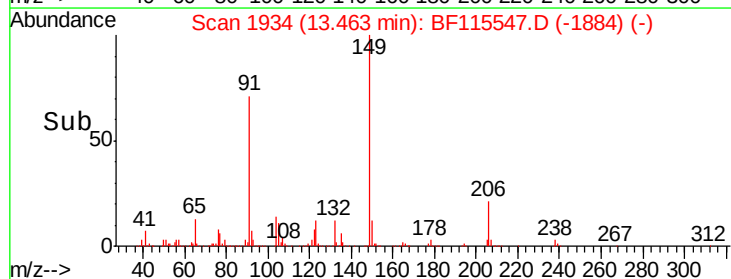
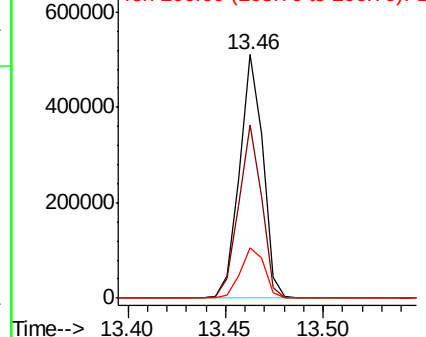


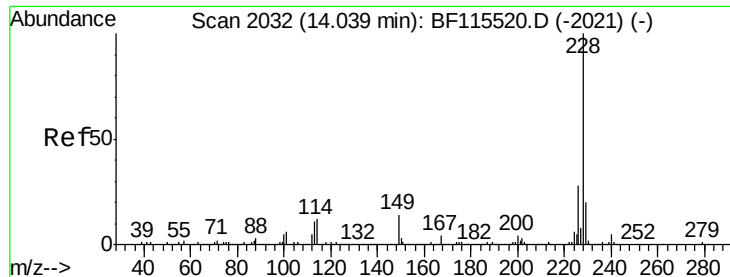
#80
 Butylbenzylphthalate
 Concen: 40.081 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	55.8	83.8
206	20.6	18.2	27.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





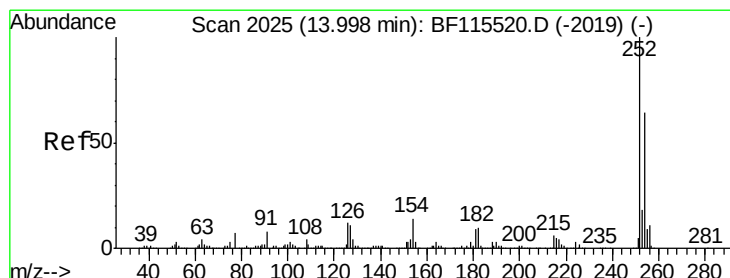
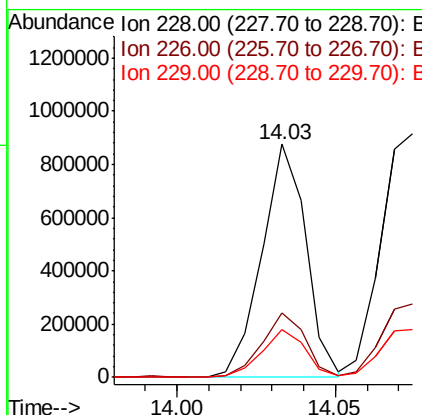
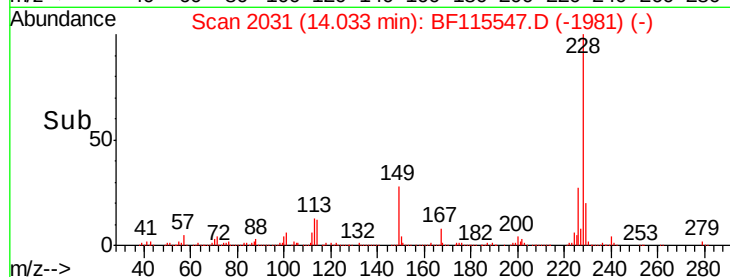
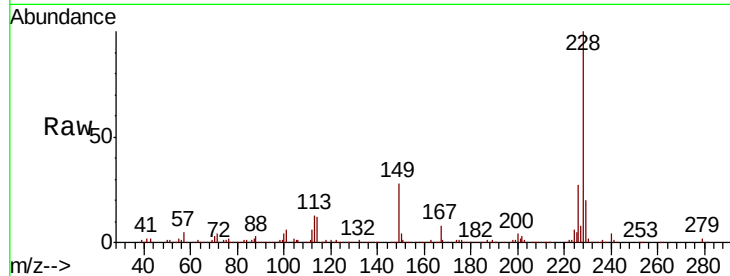
#81
Benzo(a)anthracene
Concen: 43.906 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	20.5	17.2	25.8

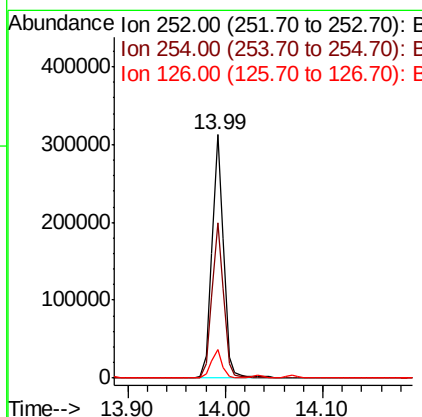
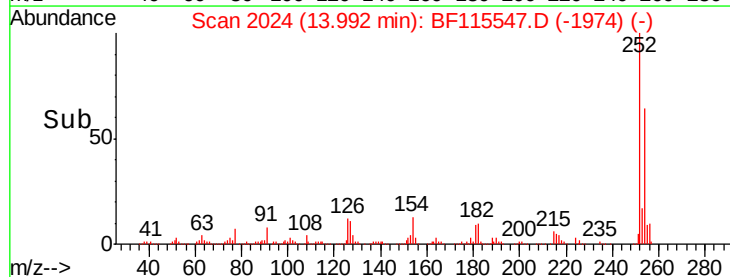
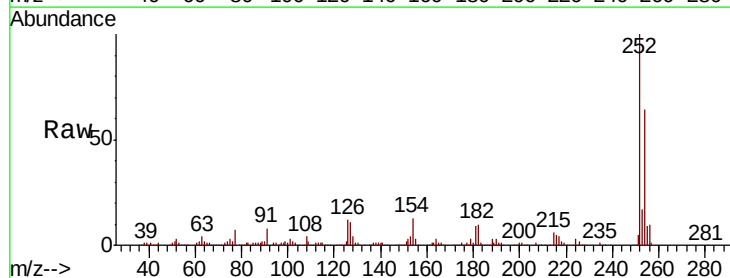
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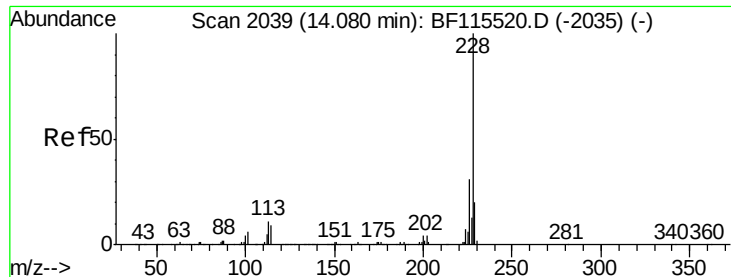
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#82
3,3'-Dichlorobenzidine
Concen: 38.113 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.9	79.3
126	11.7	9.9	14.9





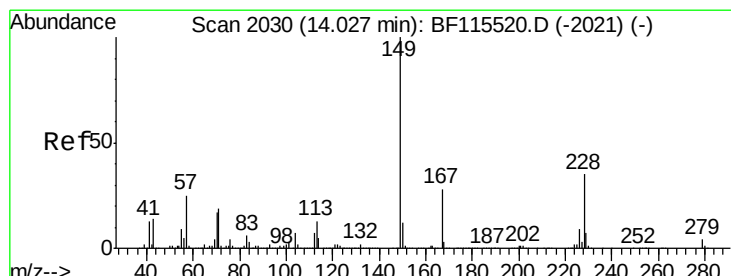
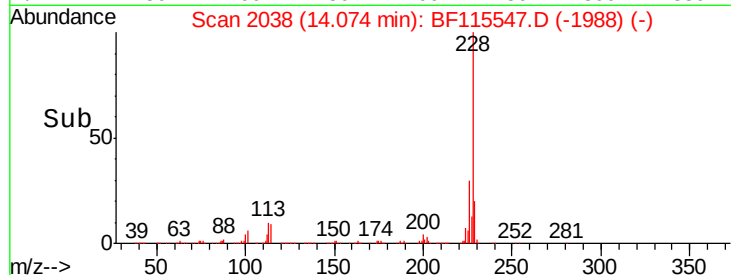
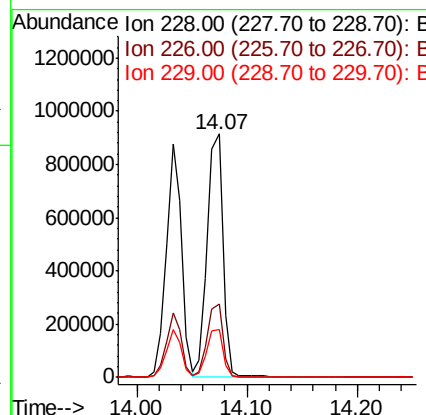
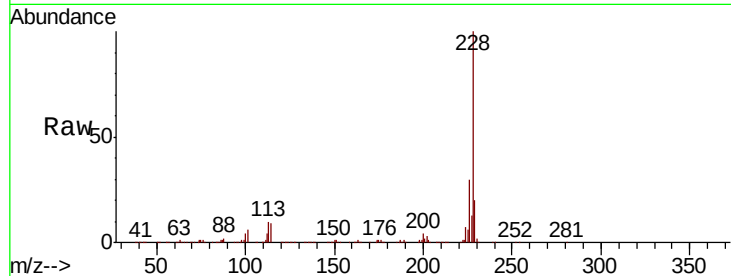
#83
Chrysene
Concen: 45.638 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.3	25.7	38.5		
229	19.7	16.6	25.0		

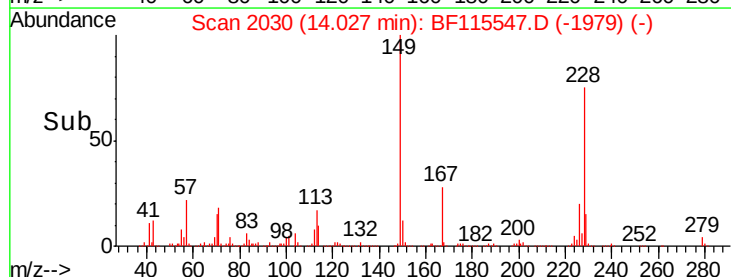
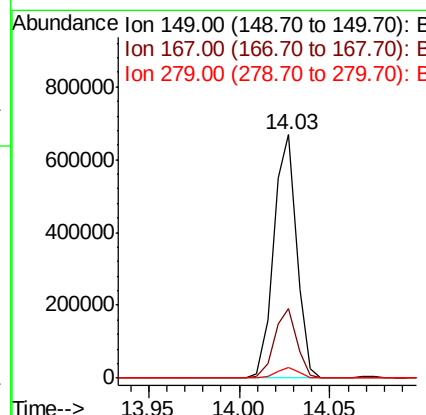
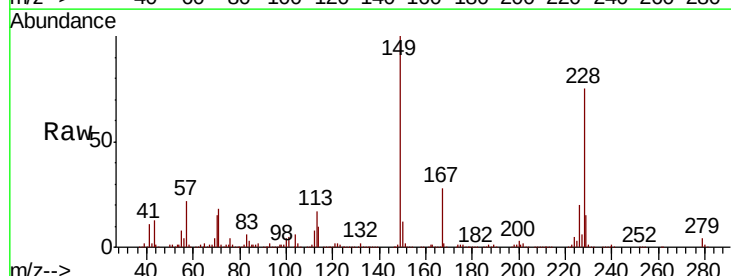
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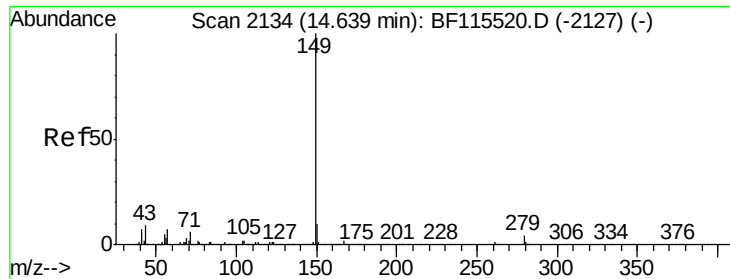
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.809 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	28.5	23.0	34.4		
279	4.4	4.2	6.2		





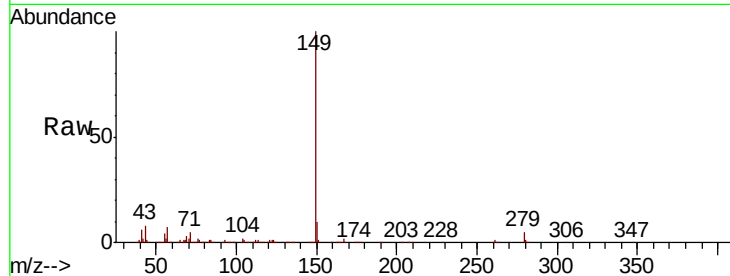
#85
Di-n-octyl phthalate
Concen: 50.787 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.4	7.2	10.8

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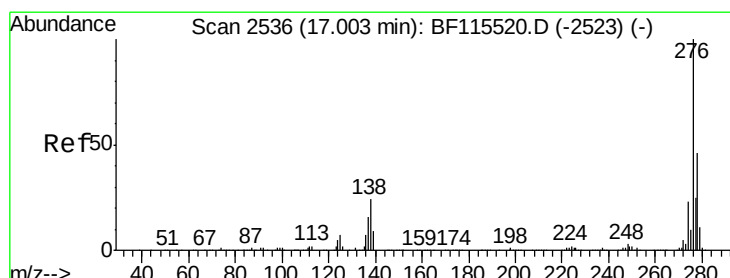
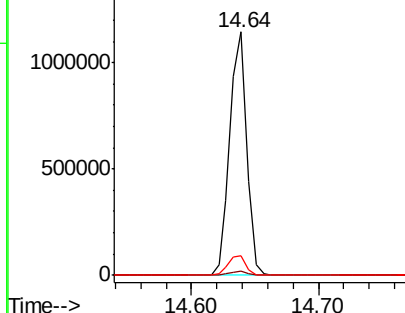
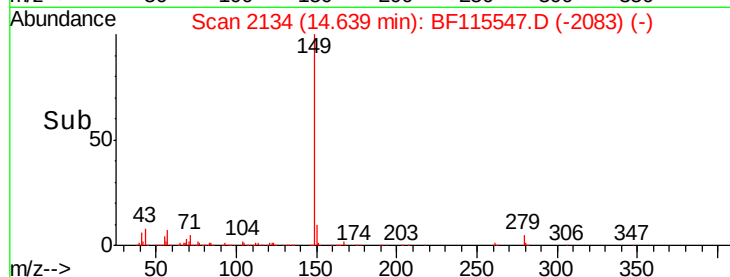


Abundance

Ion 149.00 (148.70 to 149.70): E

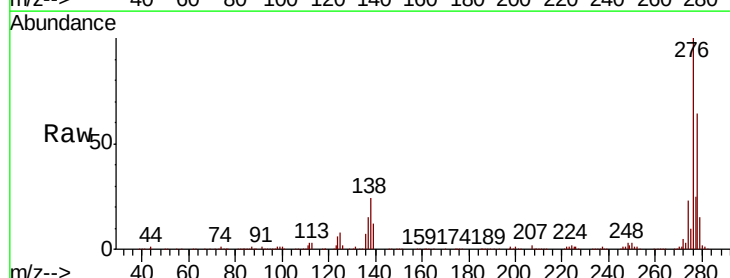
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.509 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.2
277	25.5	20.4	30.6

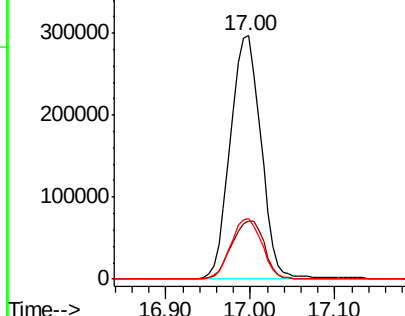
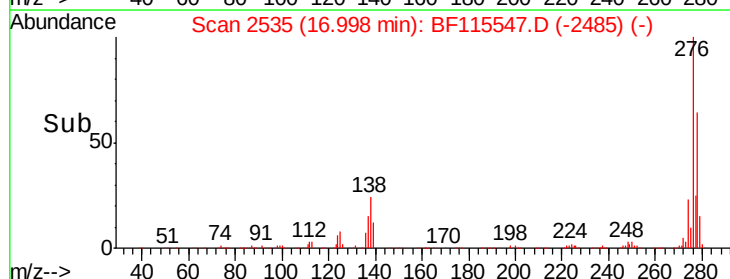


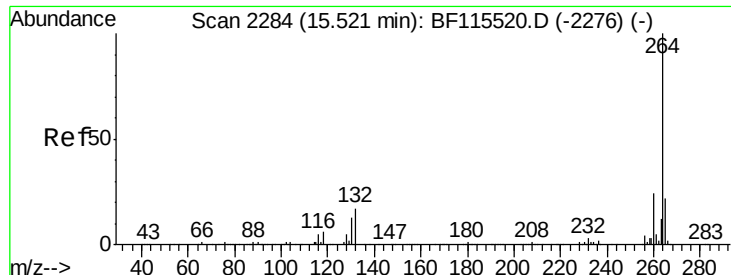
Abundance

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





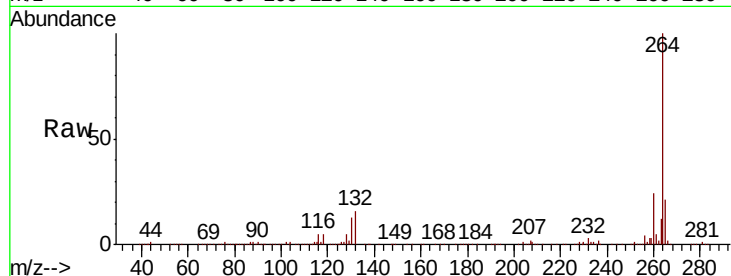
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

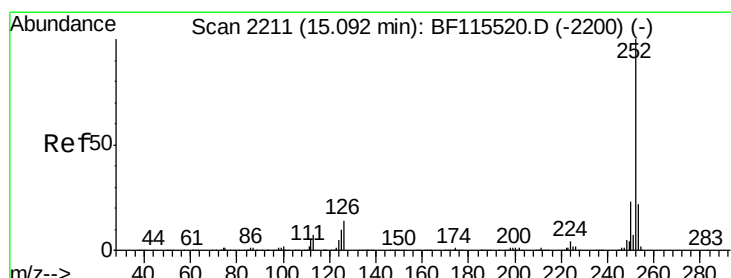
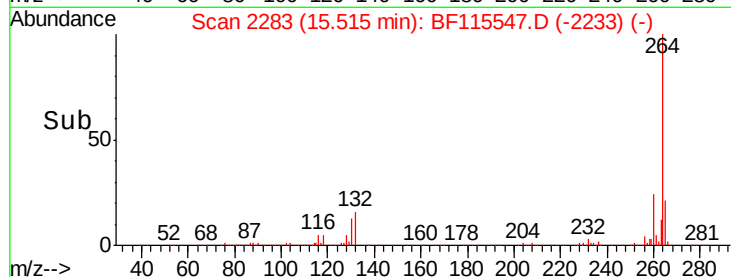
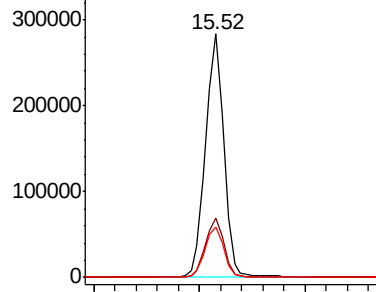
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	20.9	17.7	26.5

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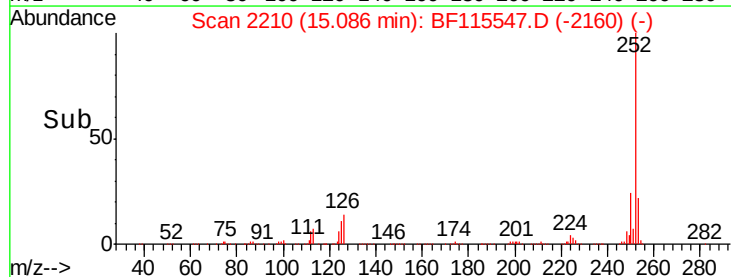
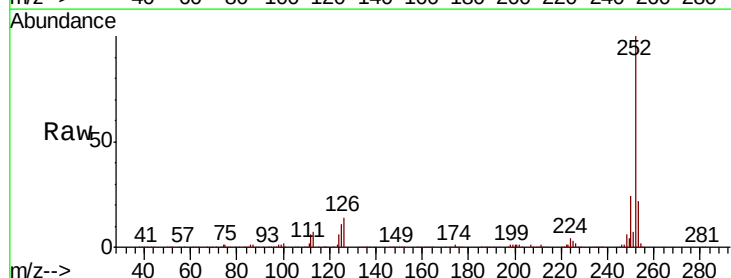
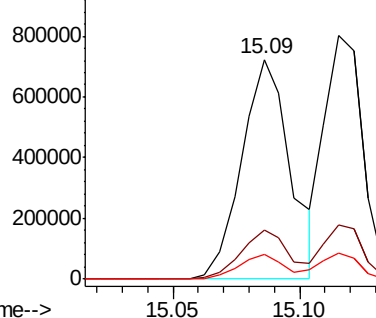
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

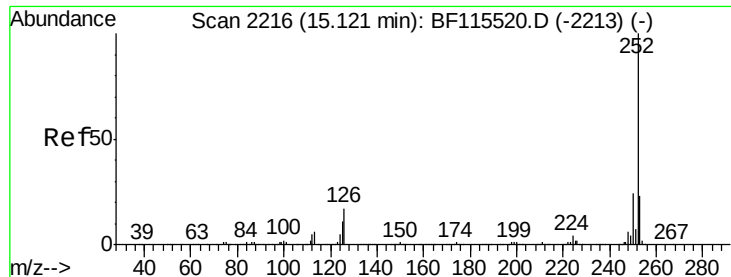


#88
Benzo(b)fluoranthene
Concen: 44.425 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.2	9.0	13.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





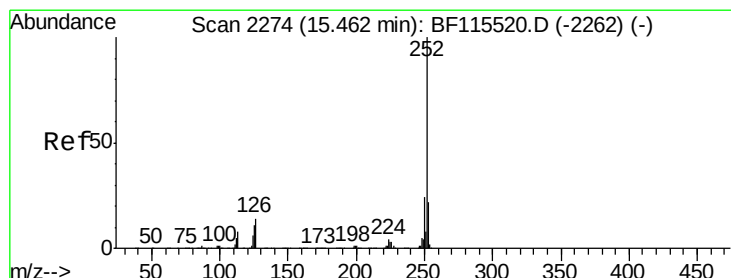
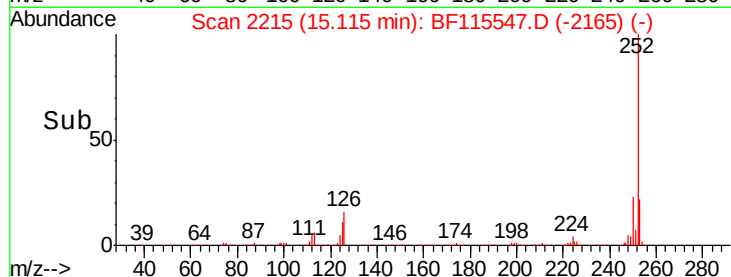
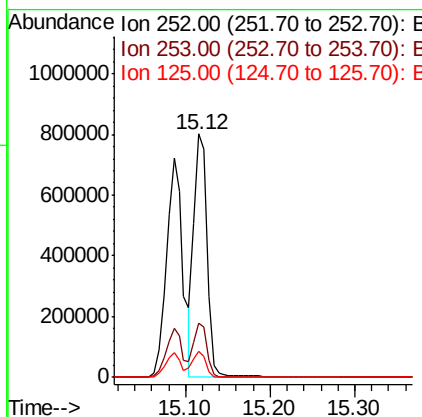
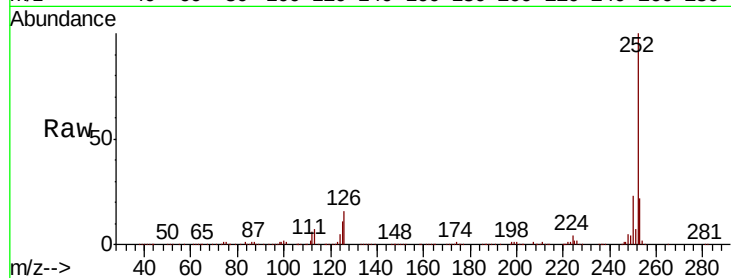
#89
Benzo(k)fluoranthene
Concen: 44.036 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	10.9	9.0	13.6

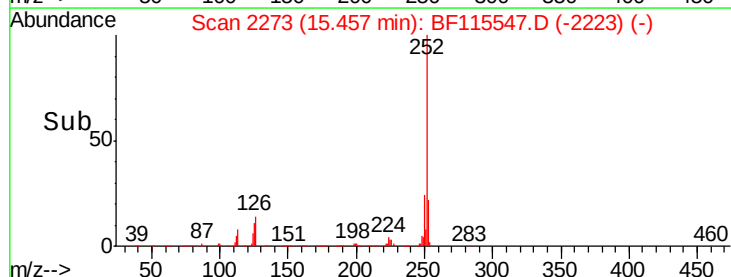
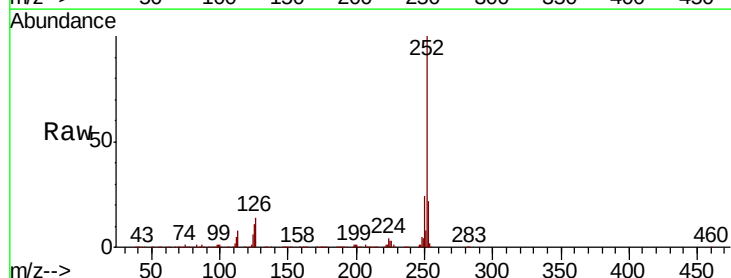
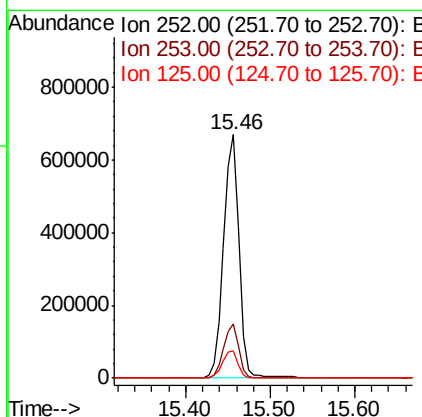
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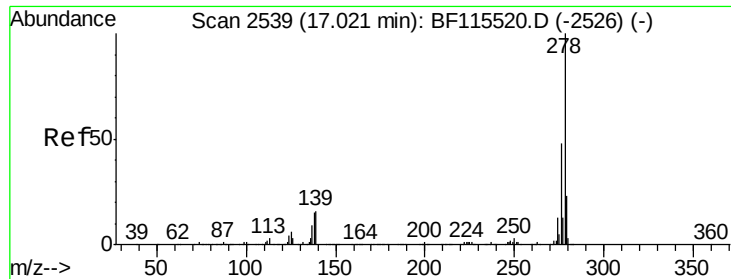
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#90
Benzo(a)pyrene
Concen: 45.275 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	9.1	13.7





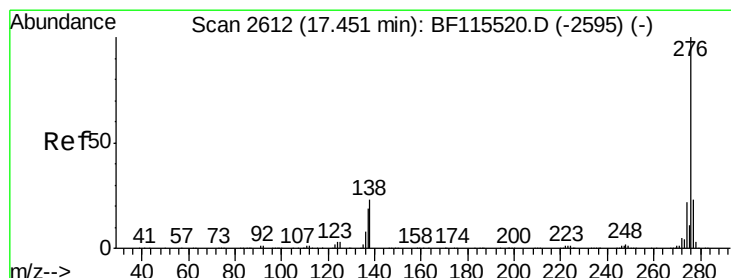
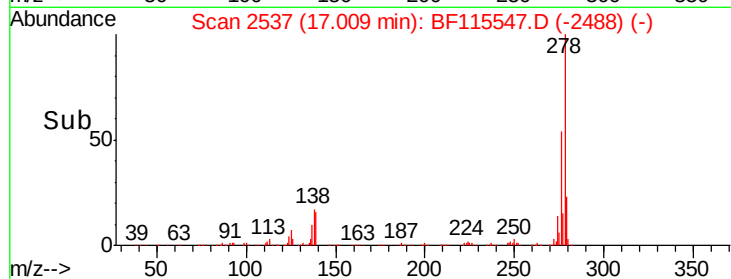
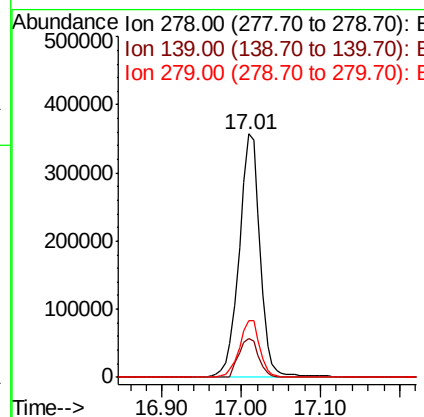
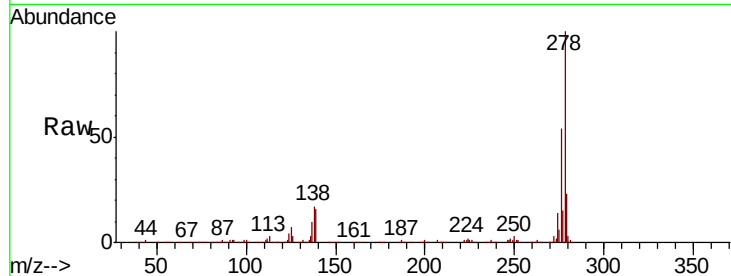
#91
Dibenzo(a,h)anthracene
Concen: 39.652 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:278	Resp: 653681
Ion Ratio	Lower Upper
278 100	
139 16.0	13.1 19.7
279 23.3	19.6 29.4

Manual Integrations
APPROVED

mohammad
7/15/2019 2:57:40 PM



#92
Benzo(g,h,i)perylene
Concen: 34.880 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:276	Resp: 573471
Ion Ratio	Lower Upper
276 100	
277 23.4	19.0 28.4
138 21.7	17.2 25.8

