

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115590.D
 Acq On : 16 Jul 2019 11:46
 Operator : HP/JU
 Sample : PB121224BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:05:33 PM

Quant Time: Jul 16 16:57:42 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	6.88	152	204003	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	739340	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	368740	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	710939	20.00	ng	0.00
76) Chrysene-d12	14.04	240	456100	20.00	ng	0.00
87) Perylene-d12	15.51	264	340057	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1345591	107.89	ng	0.02
7) Phenol-d6	6.52	99	1743495	110.17	ng	0.00
23) Nitrobenzene-d5	7.45	82	956872	75.25	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	473285	109.96	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1774692	84.24	ng	0.00
79) Terphenyl-d14	12.99	244	1889280	76.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	204359	32.849	ng	98
3) Pyridine	3.53	79	516532	30.603	ng	99
4) n-Nitrosodimethylamine	3.48	42	224046	36.590	ng	96
6) Aniline	6.55	93	562051	25.521	ng	99
8) 2-Chlorophenol	6.67	128	558323	38.937	ng	97
9) Benzaldehyde	6.43	77	73408	7.423	ng	98
10) Phenol	6.53	94	682283	37.139	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	531813	38.022	ng	98
12) 1,3-Dichlorobenzene	6.83	146	572752	35.527	ng	100
13) 1,4-Dichlorobenzene	6.90	146	535988	33.321	ng	98
14) 1,2-Dichlorobenzene	7.06	146	475532	32.340	ng	96
15) Benzyl Alcohol	7.02	79	413758	32.958	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	595928	32.362	ng	98
17) 2-Methylphenol	7.13	107	414521	33.545	ng	100
18) Hexachloroethane	7.40	117	185548	31.078	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	335402	32.497	ng	100
20) 3+4-Methylphenols	7.29	107	490418	33.411	ng	98
22) Acetophenone	7.29	105	663032	39.696	ng	# 94
24) Nitrobenzene	7.46	77	524721	38.261	ng	98
25) Isophorone	7.70	82	962621	37.834	ng	100
26) 2-Nitrophenol	7.78	139	274159	38.838	ng	95
27) 2,4-Dimethylphenol	7.82	122	458950	43.453	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	584559	37.451	ng	99
29) 2,4-Dichlorophenol	8.02	162	431168	39.253	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	468181	37.706	ng	98
31) Naphthalene	8.19	128	1405226	39.245	ng	97
32) Benzoic acid	7.95	122	340316	39.262	ng	99
33) 4-Chloroaniline	8.23	127	331232	20.884	ng	99
34) Hexachlorobutadiene	8.31	225	263618	37.023	ng	99
35) Caprolactam	8.60	113	134152m	39.523	ng	
36) 4-Chloro-3-methylphenol	8.72	107	443641	38.936	ng	99
37) 2-Methylnaphthalene	8.88	142	948365	39.956	ng	97
38) 1-Methylnaphthalene	8.98	142	892825	39.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	438108	39.455	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	358846	56.652	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	310417	38.227	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	323044	38.846	ng	99
46) 1,1'-Biphenyl	9.35	154	1160628	40.261	ng	98
47) 2-Chloronaphthalene	9.37	162	914389	38.094	ng	97
48) 2-Nitroaniline	9.46	65	271812	36.586	ng	98
49) Acenaphthylene	9.79	152	1378336	38.753	ng	98
50) Dimethylphthalate	9.65	163	1053830	37.986	ng	99
51) 2,6-Dinitrotoluene	9.70	165	247601	39.272	ng	88
52) Acenaphthene	9.96	154	972711	42.360	ng	99
53) 3-Nitroaniline	9.87	138	180114	24.999	ng	97
54) 2,4-Dinitrophenol	9.98	184	250774	77.472	ng	92
55) Dibenzofuran	10.13	168	1238936	37.993	ng	100
56) 4-Nitrophenol	10.03	139	383213	69.751	ng	98
57) 2,4-Dinitrotoluene	10.10	165	324658	39.747	ng	99
58) Fluorene	10.47	166	924158	39.642	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	282247	40.601	ng	99
60) Diethylphthalate	10.35	149	1024912	39.429	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	473627	36.636	ng	99
62) 4-Nitroaniline	10.49	138	239163	34.606	ng	97
63) Azobenzene	10.62	77	982008	38.948	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	163777	37.705	ng	97
66) n-Nitrosodiphenylamine	10.58	169	850256	38.447	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	303920	37.409	ng	97
68) Hexachlorobenzene	11.02	284	347036	37.404	ng	94
69) Atrazine	11.10	200	256485	35.353	ng	98
70) Pentachlorophenol	11.22	266	401813	70.809	ng	99
71) Phenanthrene	11.43	178	1407637	38.627	ng	97
72) Anthracene	11.49	178	1423173	37.789	ng	100
73) Carbazole	11.63	167	1263081	38.245	ng	99
74) Di-n-butylphthalate	11.96	149	1529086	37.587	ng	99
75) Fluoranthene	12.62	202	1461764	37.958	ng	98
77) Benzidine	12.73	184	299837	18.557	ng	99
78) Pyrene	12.84	202	1458737	37.750	ng	98
80) Butylbenzylphthalate	13.46	149	639439	38.817	ng	99
81) Benzo(a)anthracene	14.03	228	1136241	37.814	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	335269	31.387	ng	99
83) Chrysene	14.07	228	1199221	39.757	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	845650	41.444	ng	99
85) Di-n-octyl phthalate	14.63	149	1398873	43.087	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	938607	36.626	ng	99
88) Benzo(b)fluoranthene	15.08	252	1080149	49.329	ng	99
89) Benzo(k)fluoranthene	15.12	252	983954	50.401	ng	98
90) Benzo(a)pyrene	15.45	252	919786	48.872	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	786396	47.596	ng	99
92) Benzo(g,h,i)perylene	17.43	276	769624	46.706	ng	99

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



#1

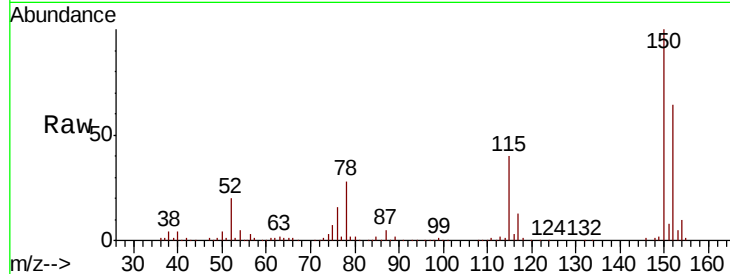
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.7	194.5
115	62.6	48.2	72.4

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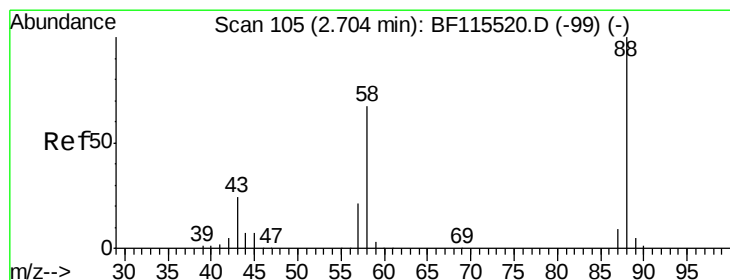
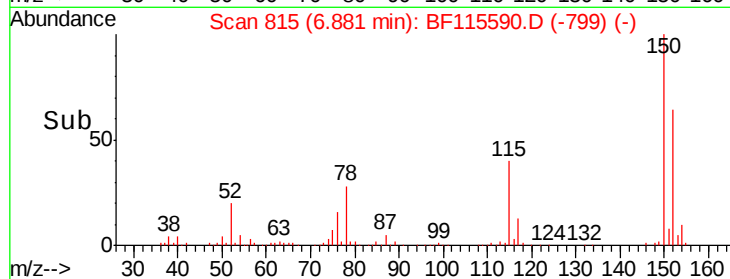
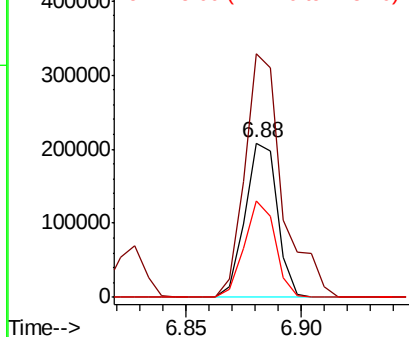


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

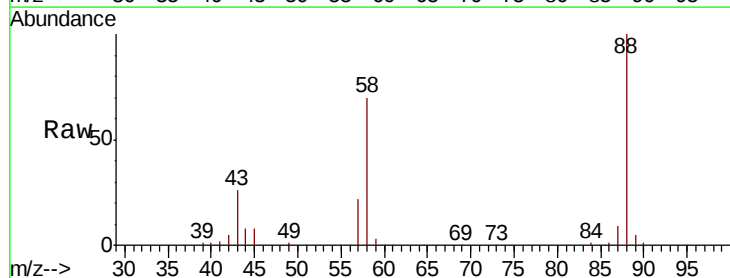
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.849 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	52.6	79.0
43	25.3	19.1	28.7

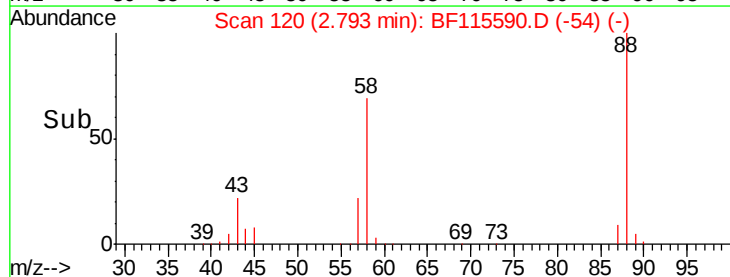
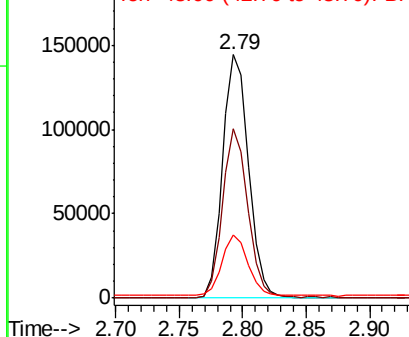


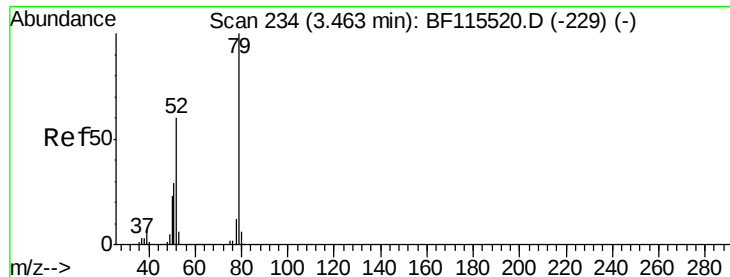
Abundance

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: 30.603 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

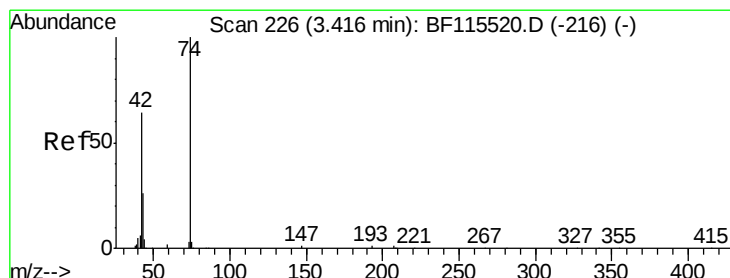
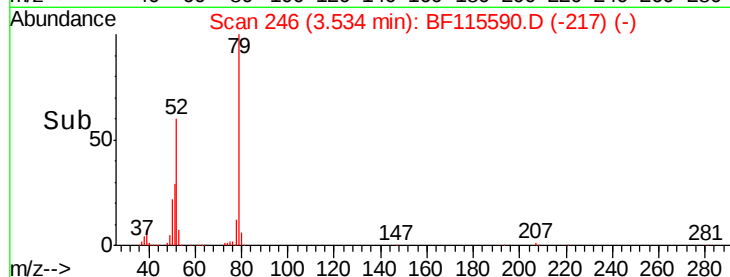
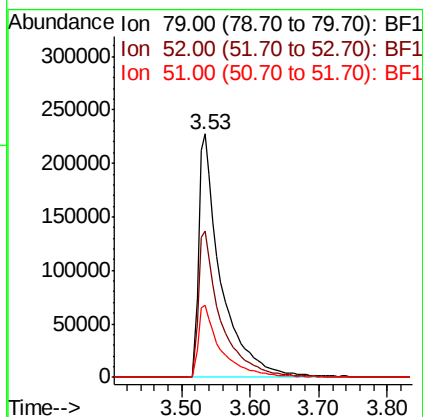
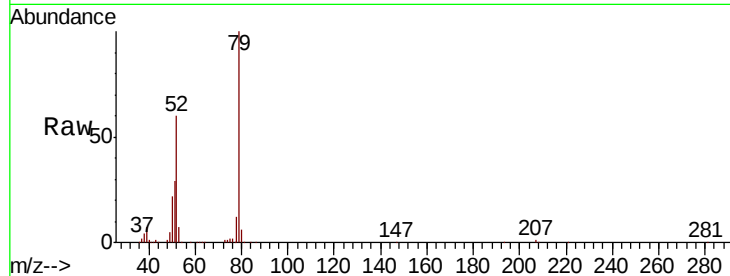
ClientSampleId :

PB121224BS

Tot Ion:	79	Resp:	516532
Ion Ratio	Lower	Upper	
79	100		
52	60.3	47.8	71.6
51	29.5	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 36.590 ng

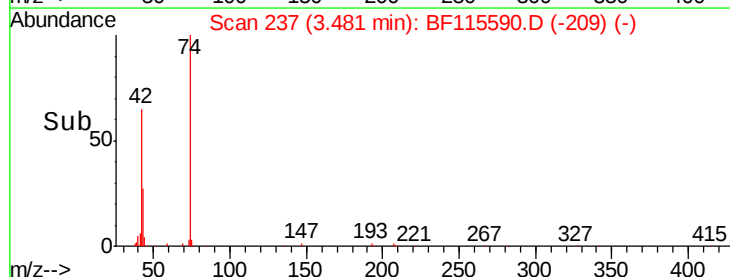
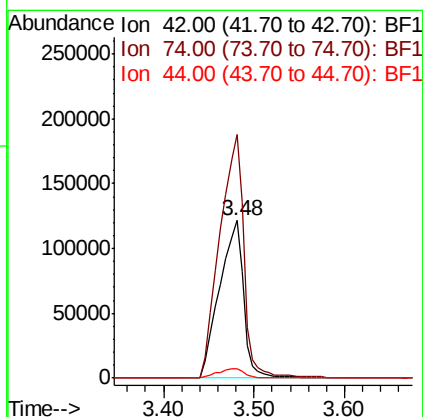
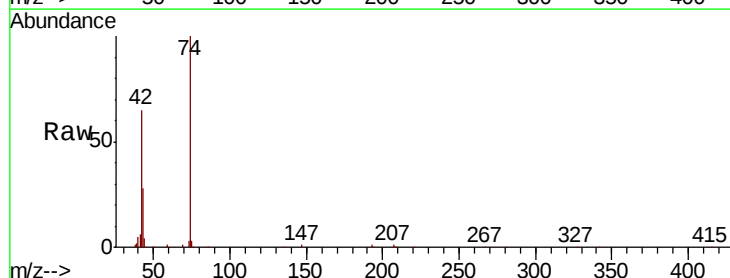
RT: 3.48 min Scan# 237

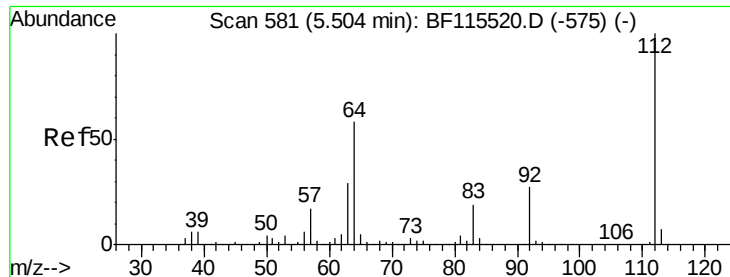
Delta R.T. 0.06 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	42	Resp:	224046
Ion Ratio	Lower	Upper	
42	100		
74	154.4	127.5	191.3
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 107.890 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

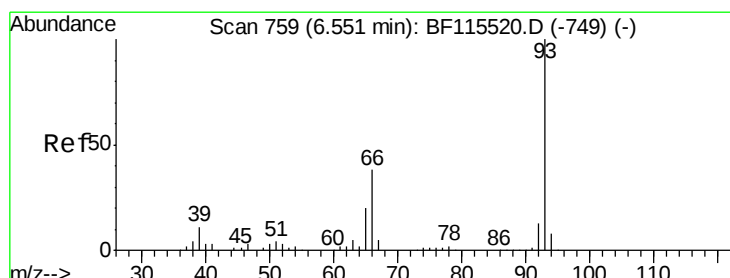
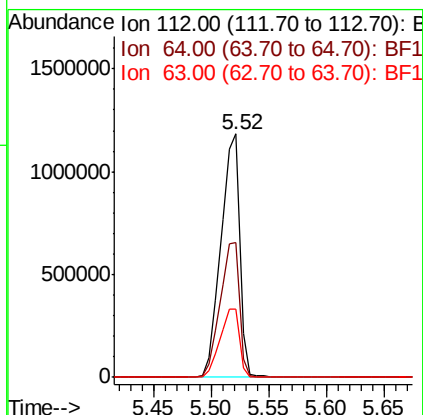
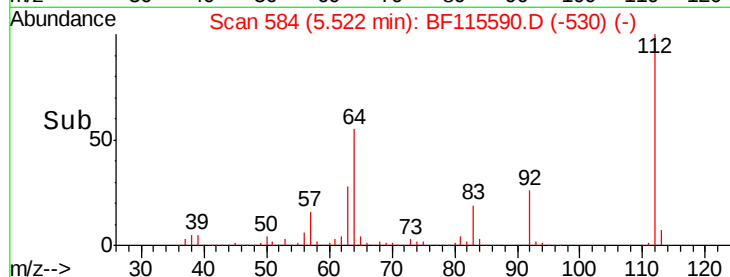
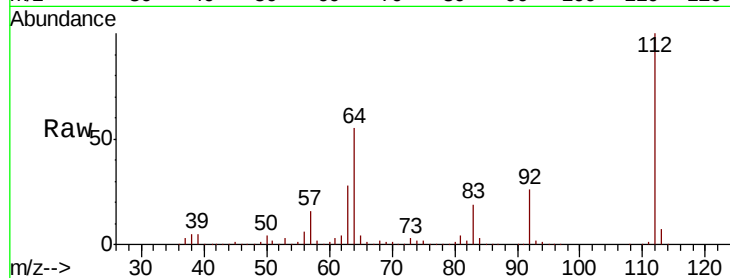
ClientSampleId :

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Tot Ion:	112	Resp:	1345591
Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.8	70.2
63	28.3	24.1	36.1

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#6

Aniline

Concen: 25.521 ng

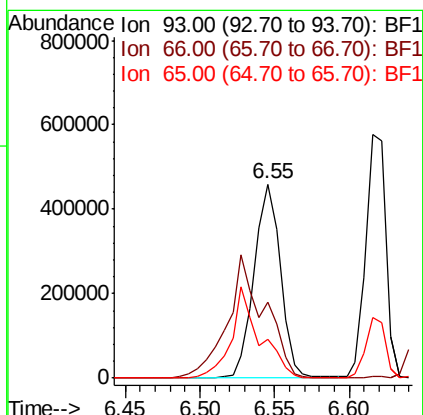
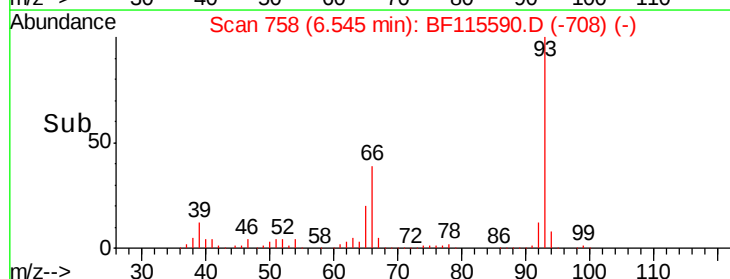
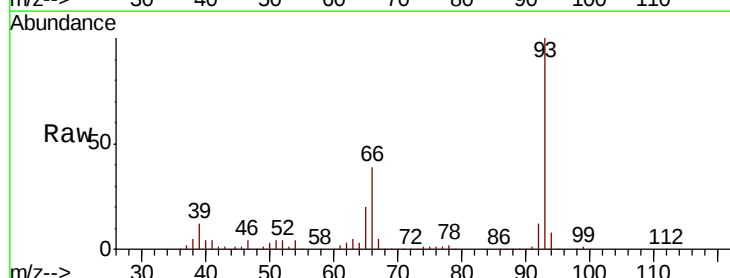
RT: 6.55 min Scan# 758

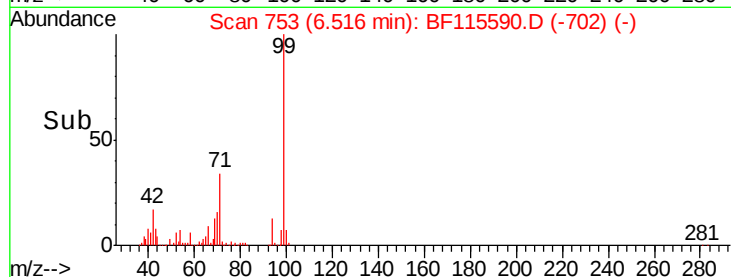
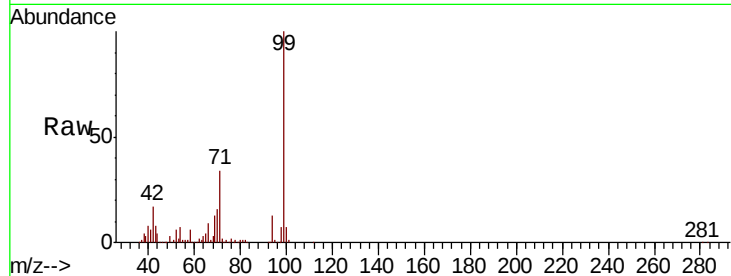
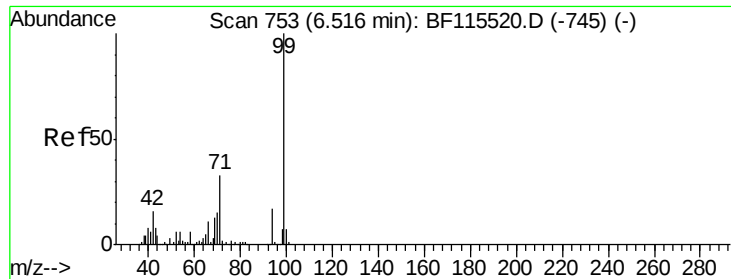
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	562051
Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.7	47.5
65	20.0	16.2	24.2





#7

Phenol-d6

Concen: 110.171 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tot Ion:	99	Resp:	1743495
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	34.2	28.5	42.7

Instrument :

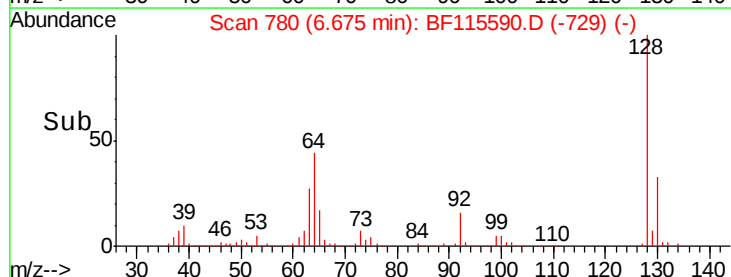
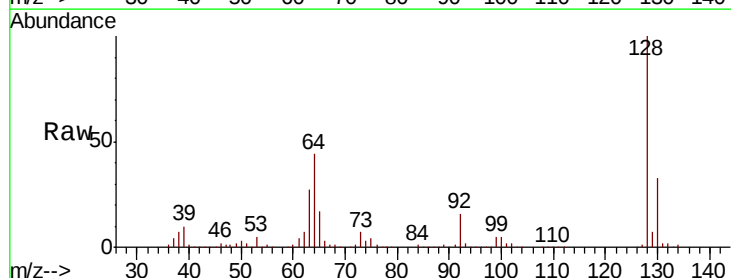
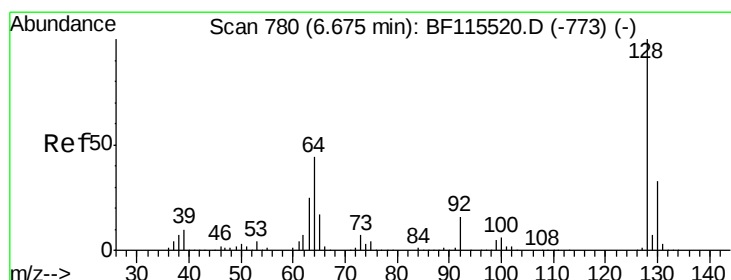
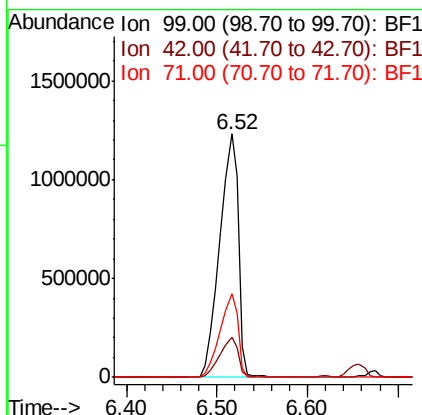
BNA_F

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#8

2-Chlorophenol

Concen: 38.937 ng

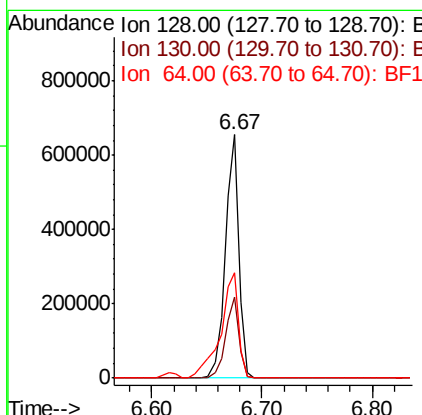
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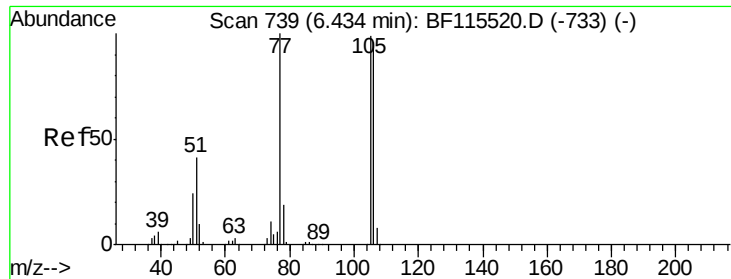
Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	128	Resp:	558323
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	43.5	26.8	66.8





#9

Benzaldehyde

Concen: 7.423 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

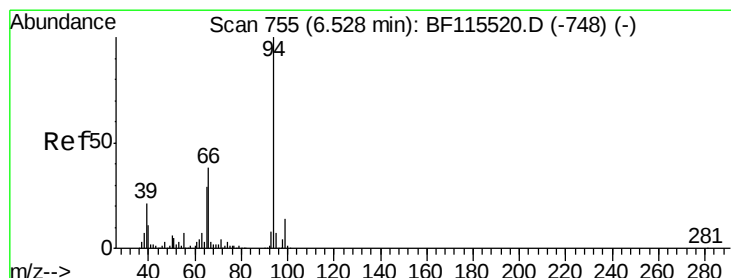
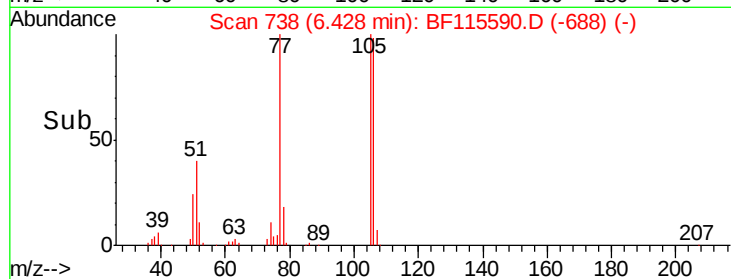
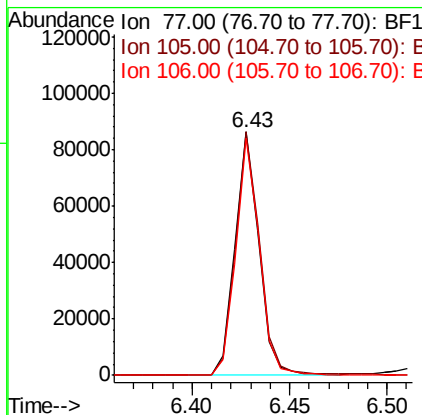
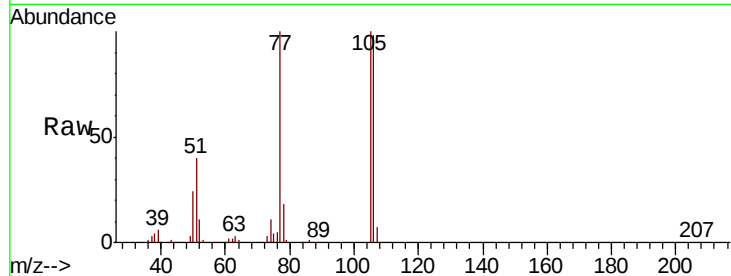
ClientSampleId :

PB121224BS

Tot Ion:	77	Resp:	73408
Ion	Ratio	Lower	Upper
77	100		
105	99.9	78.8	118.8
106	97.6	75.6	115.6

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#10

Phenol

Concen: 37.139 ng

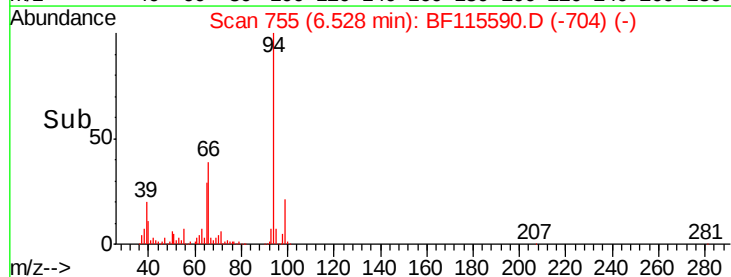
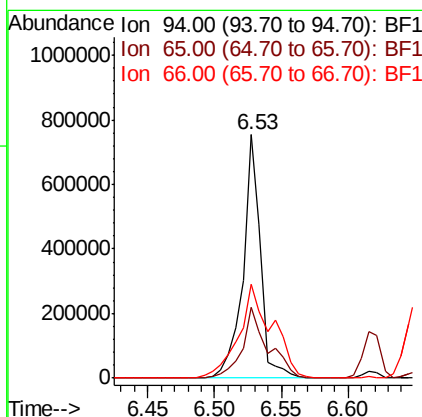
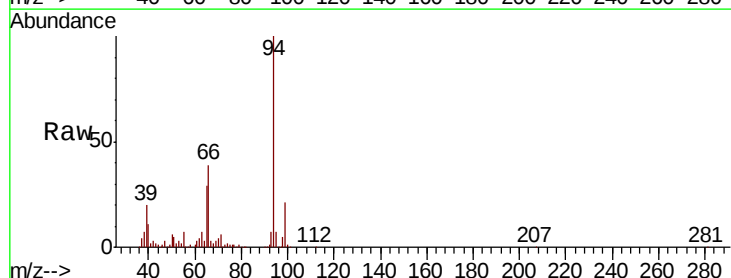
RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	94	Resp:	682283
Ion	Ratio	Lower	Upper
94	100		
65	28.9	14.5	54.5
66	38.7	31.3	71.3





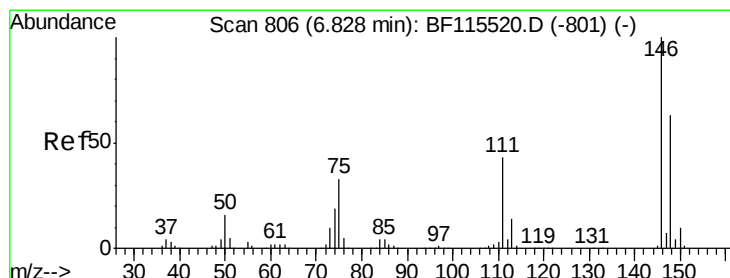
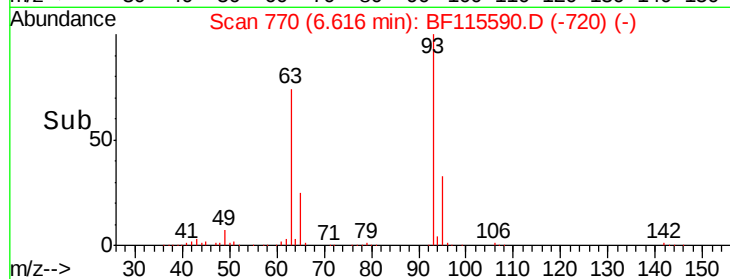
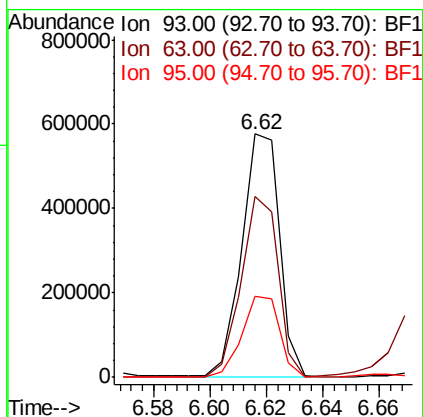
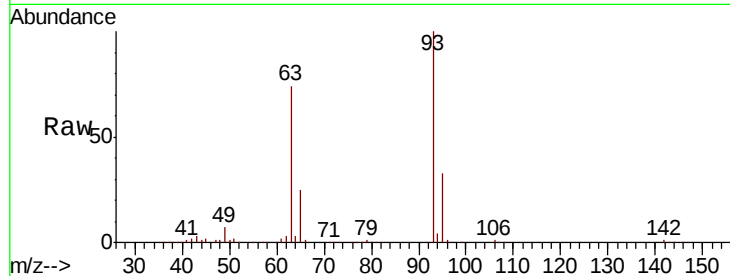
#11
bis(2-Chloroethyl)ether
Concen: 38.022 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:	93	Resp:	531813
Ion Ratio	Lower	Upper	
93	100		
63	74.4	52.2	92.2
95	33.1	12.9	52.9

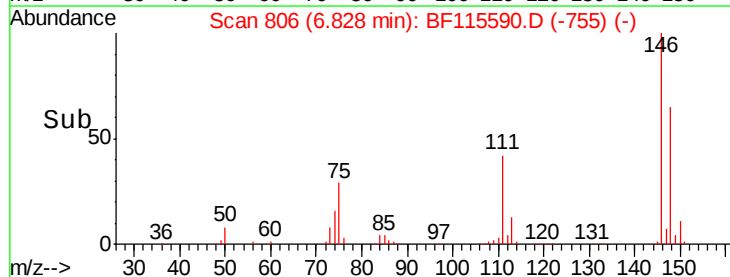
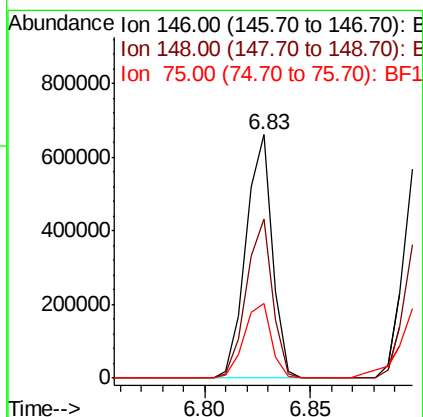
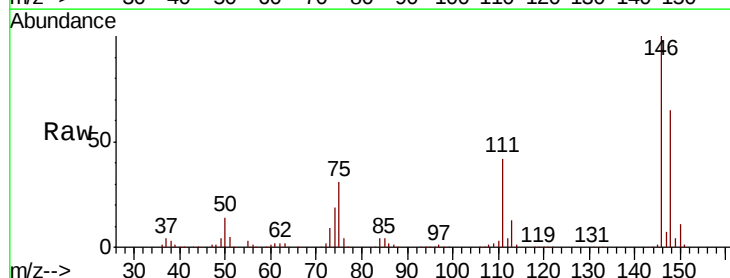
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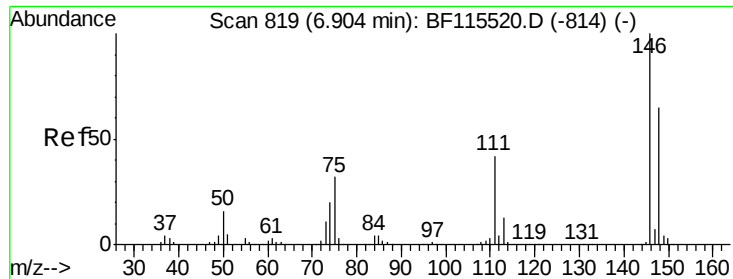
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.527 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:	146	Resp:	572752
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.1	78.1
75	30.6	24.9	37.3





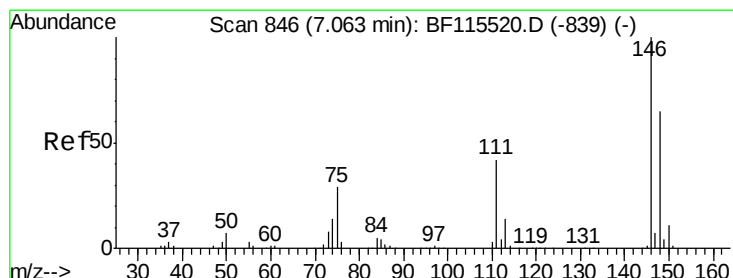
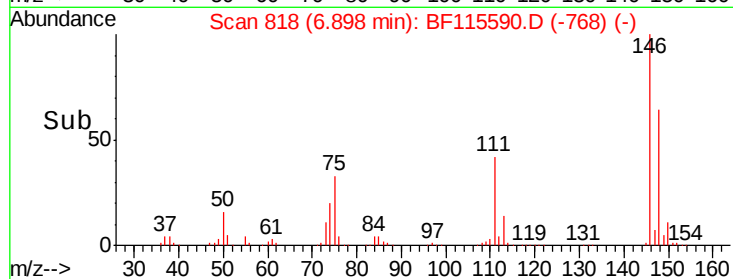
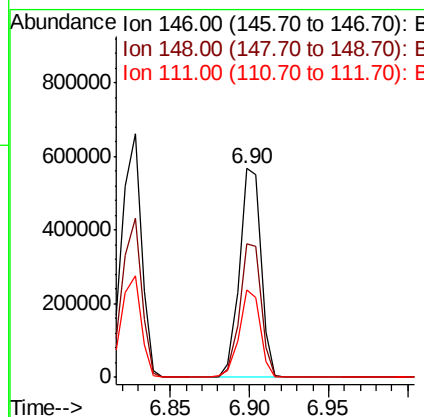
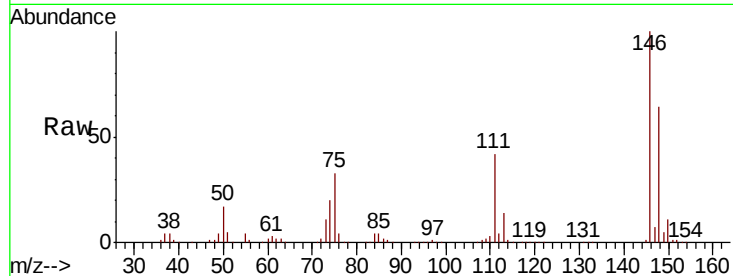
#13
 1,4-Dichlorobenzene
 Concen: 33.321 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampled :
 PB121224BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	41.9	35.5	53.3

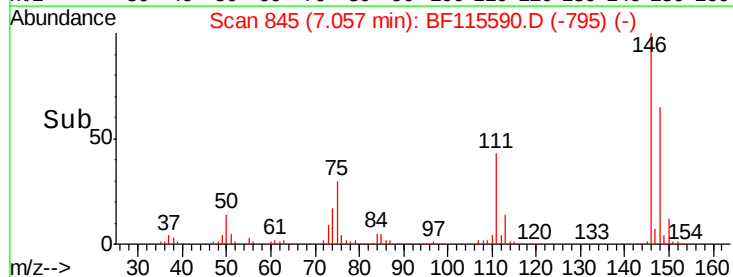
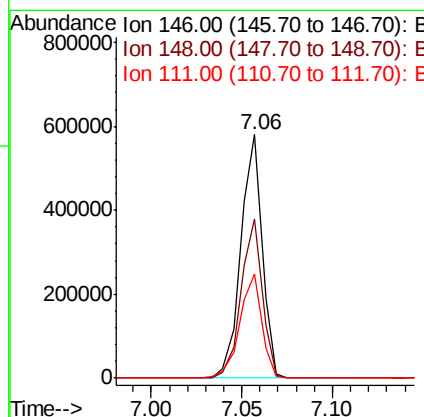
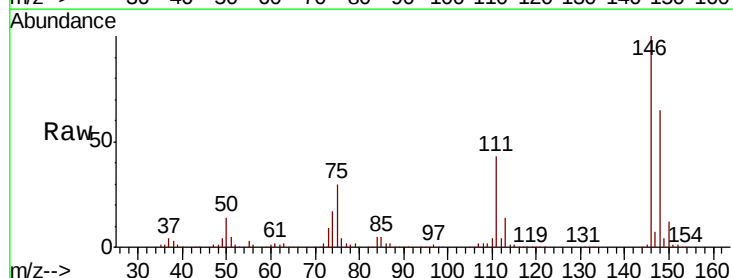
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#14
 1,2-Dichlorobenzene
 Concen: 32.340 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	42.6	37.6	56.4





#15

Benzyl Alcohol

Concen: 32.958 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

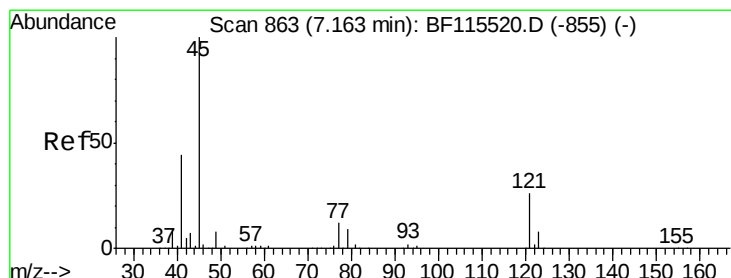
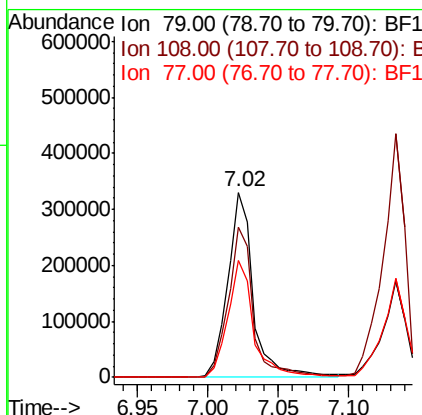
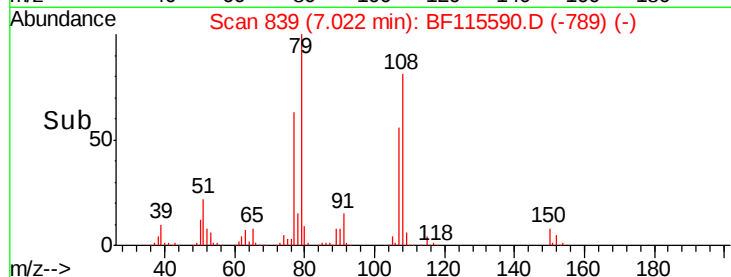
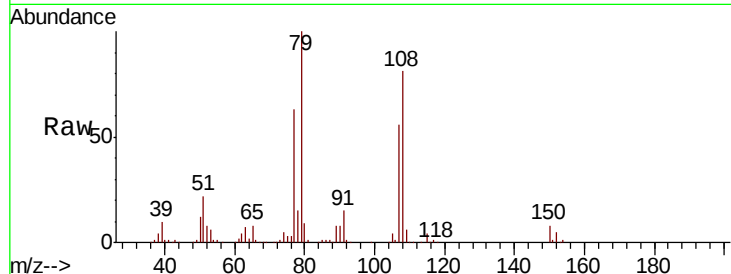
ClientSampleId :

PB121224BS

Tot Ion:	79	Resp:	413758
Ion Ratio	Lower	Upper	
79	100		
108	81.1	64.2	96.4
77	63.1	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.362 ng

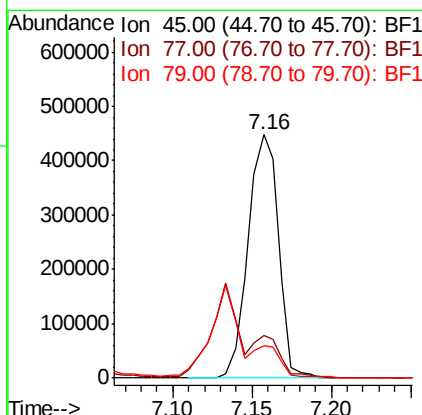
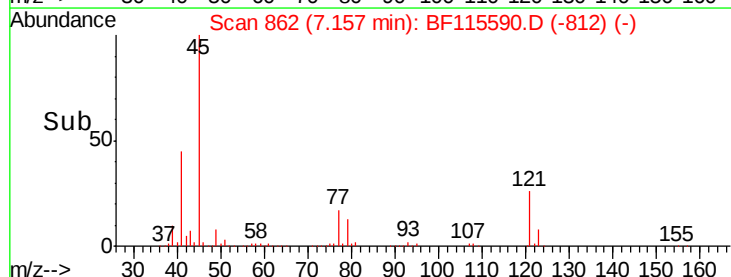
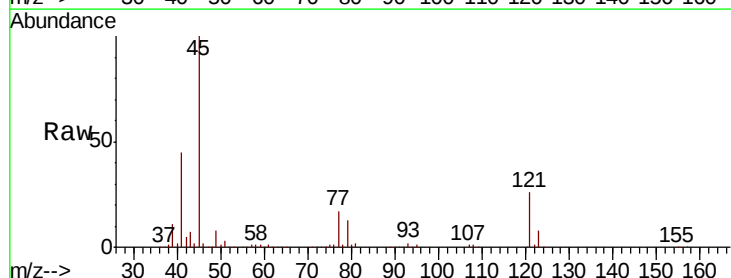
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	45	Resp:	595928
Ion Ratio	Lower	Upper	
45	100		
77	17.3	0.0	38.1
79	13.3	0.0	34.1





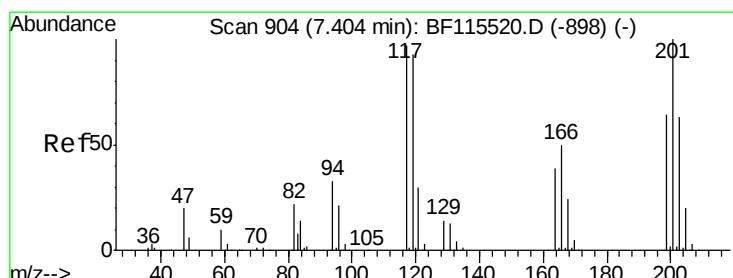
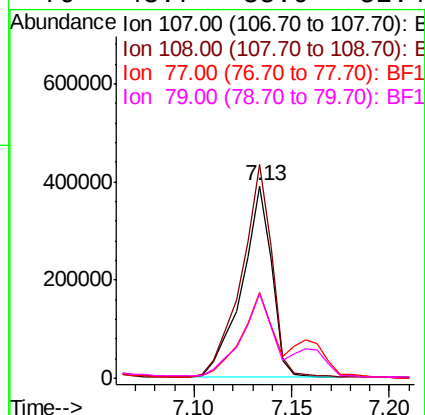
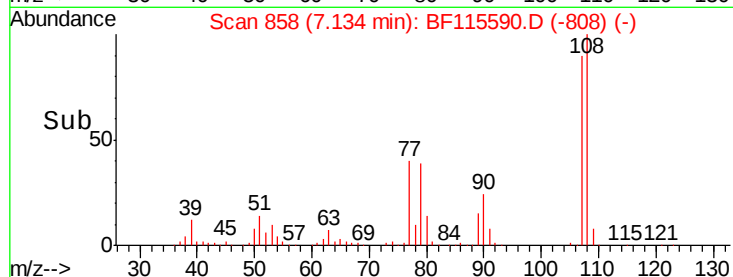
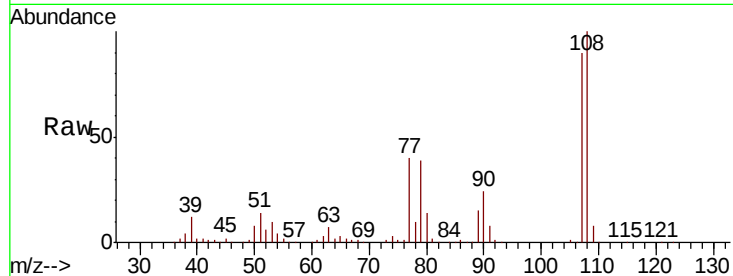
#17
2-Methylphenol
Concen: 33.545 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	89.4	134.2	
77	44.9	35.7	53.5	
79	43.7	35.0	52.4	

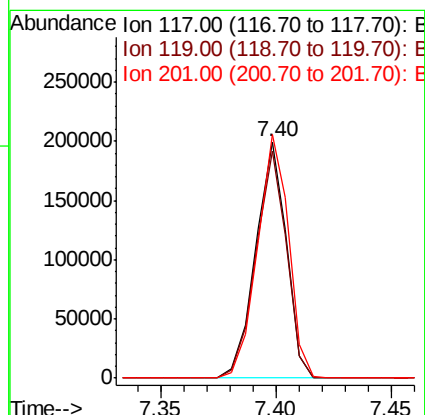
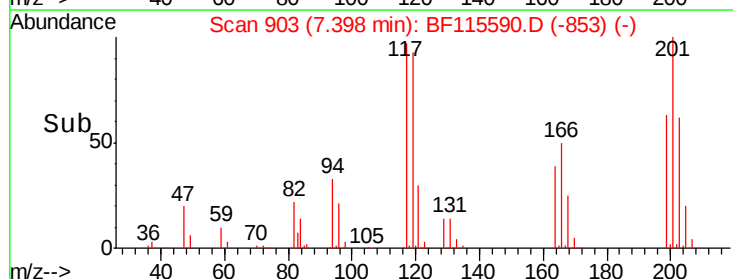
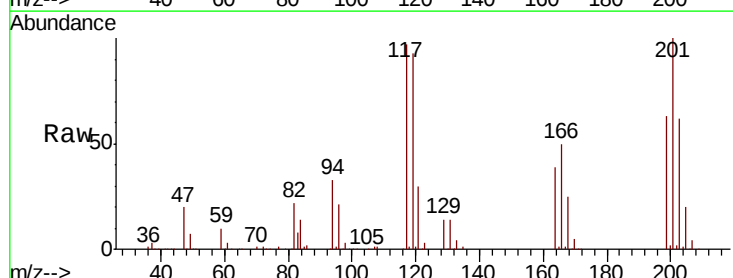
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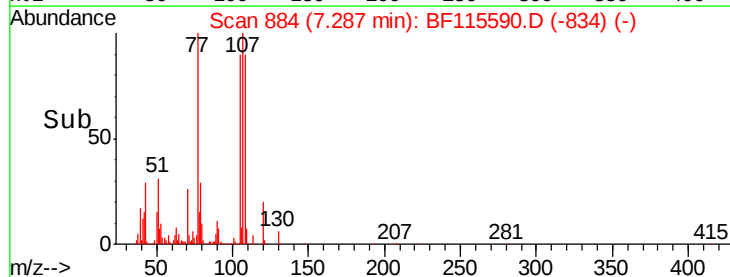
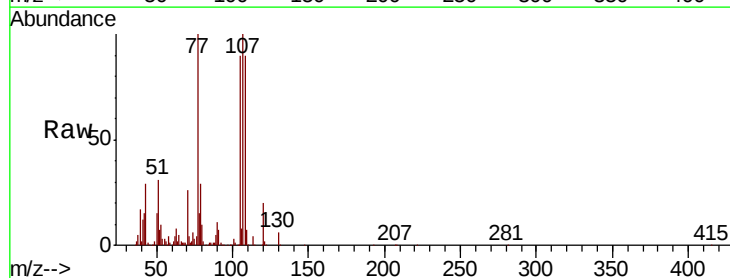
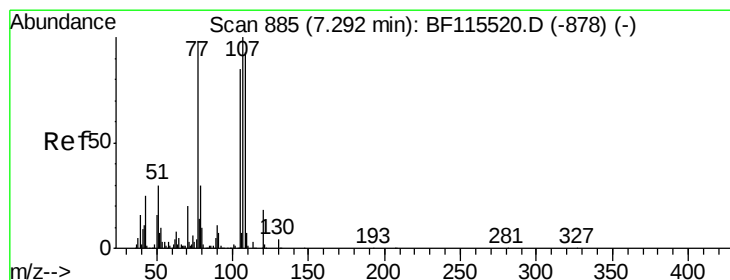
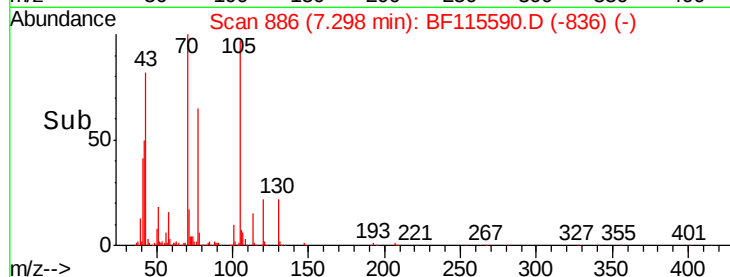
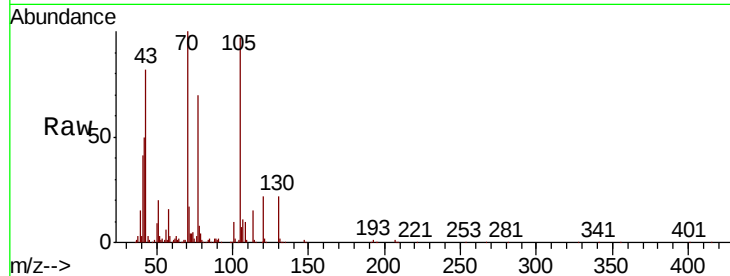
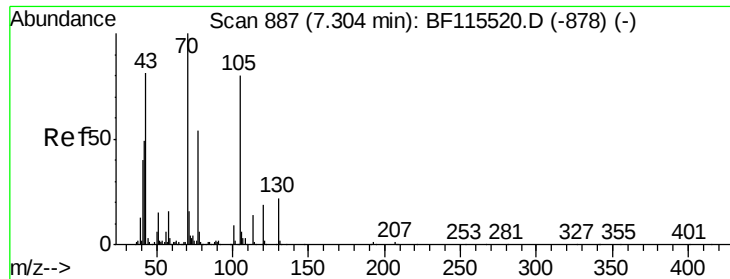
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#18
Hexachloroethane
Concen: 31.078 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.7	116.5	
201	103.0	86.0	129.0	





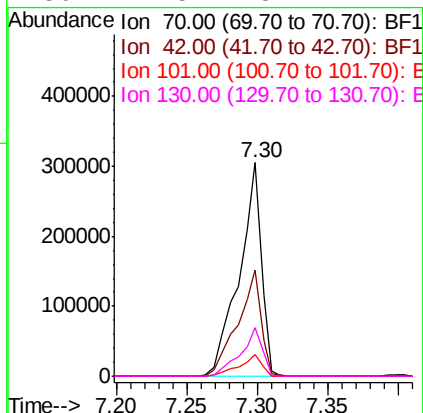
#19
n-Nitroso-di-n-propylamine
Concen: 32.497 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.7	39.6	59.4		
101	10.1	8.1	12.1		
130	22.5	18.2	27.2		

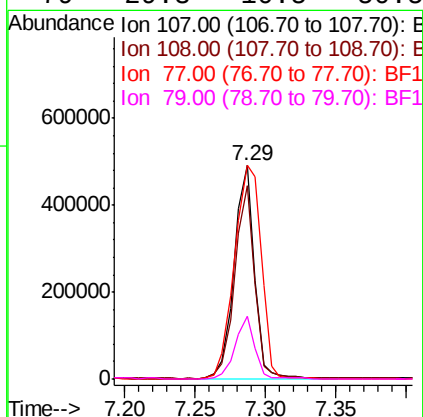
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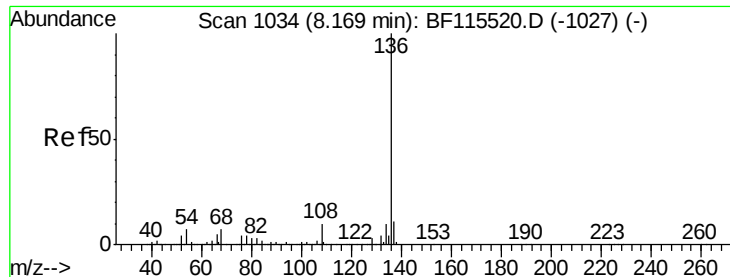
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#20
3+4-Methylphenols
Concen: 33.411 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.5	72.9	112.9		
77	99.9	77.6	117.6		
79	29.3	10.5	50.5		





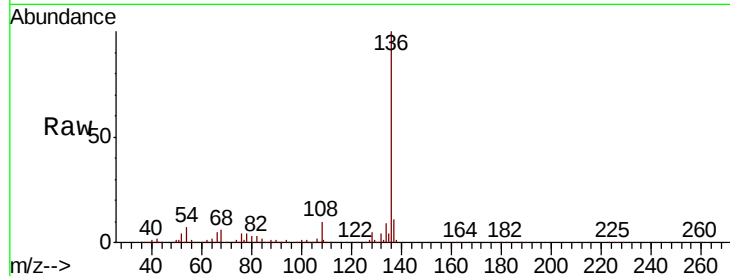
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.4	
54	6.7	5.6	8.4	
68	6.0	5.0	7.6	

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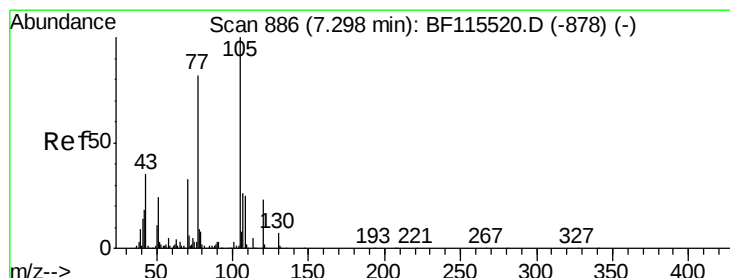
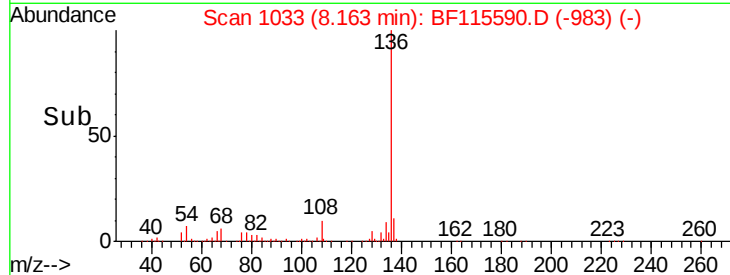
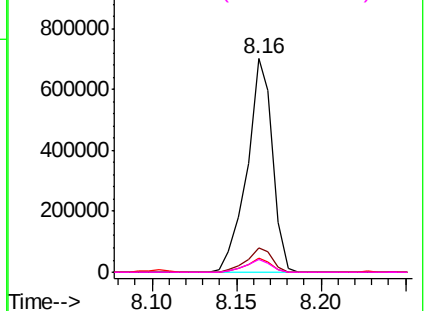
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.696 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	3.5	5.3#	
51	26.1	25.6	38.4	
120	22.6	17.9	26.9	

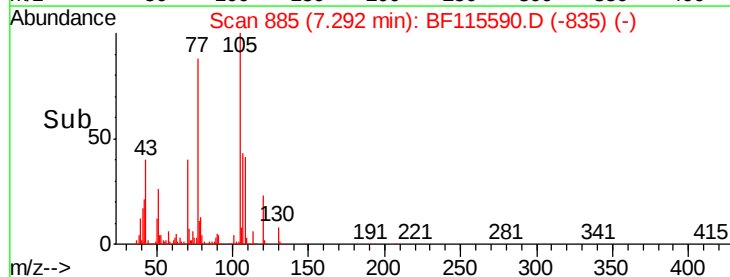
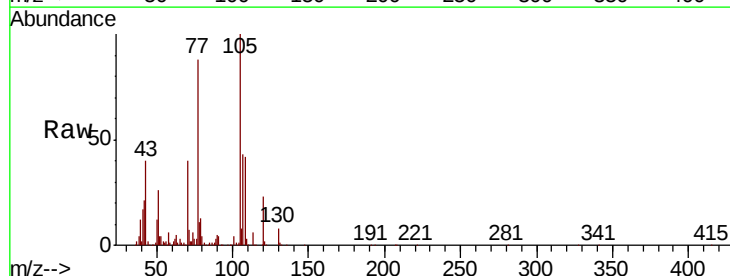
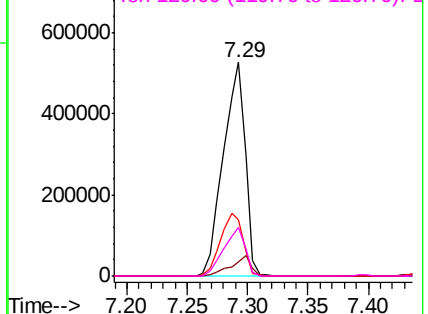
Abundance

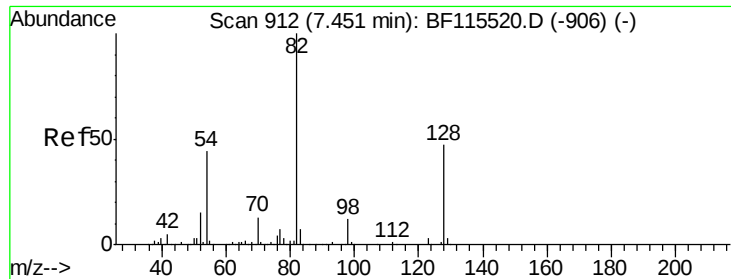
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





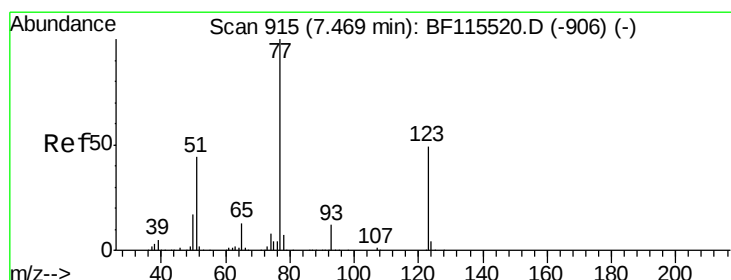
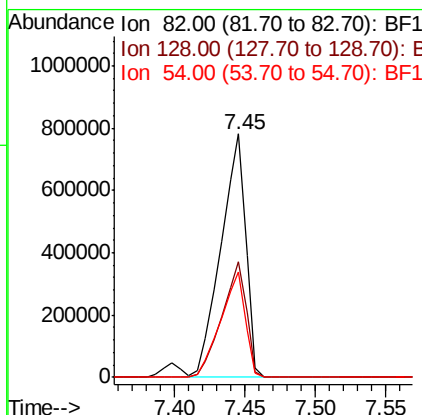
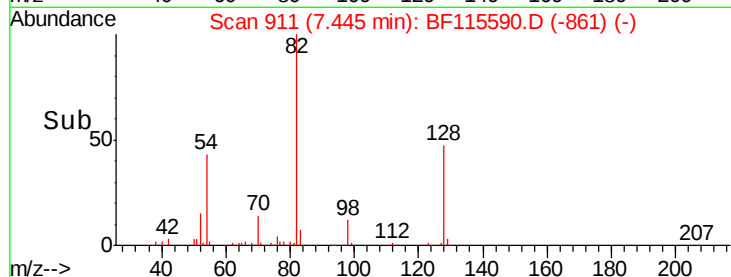
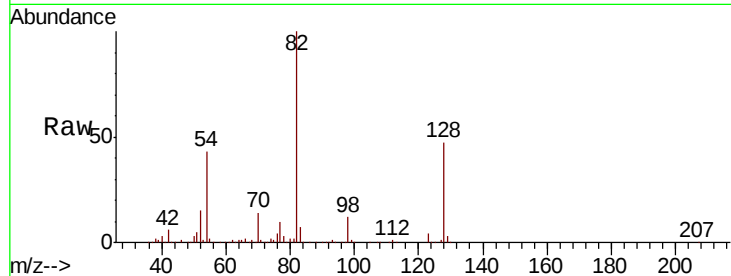
#23
Nitrobenzene-d5
Concen: 75.255 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.6	57.8
54	43.3	35.6	53.4

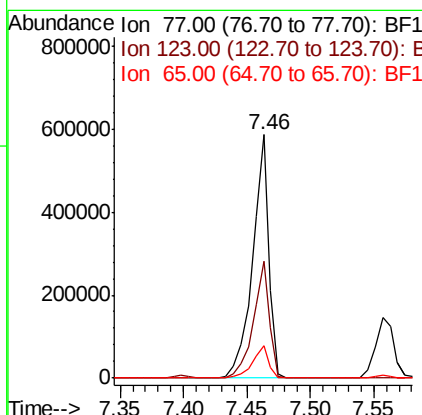
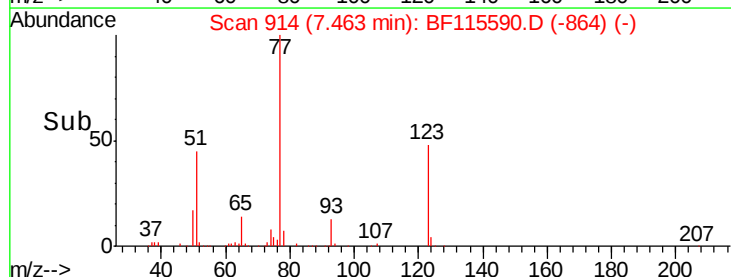
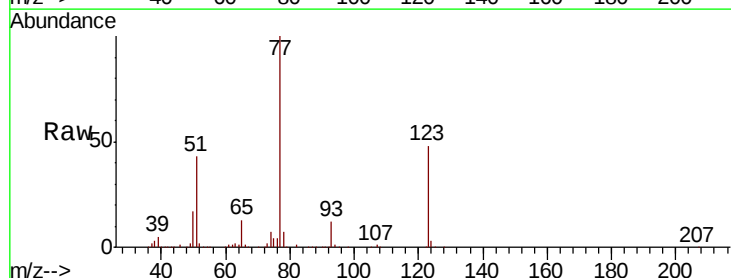
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#24
Nitrobenzene
Concen: 38.261 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	40.0	60.0
65	13.1	11.0	16.4





#25

Isophorone

Concen: 37.834 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

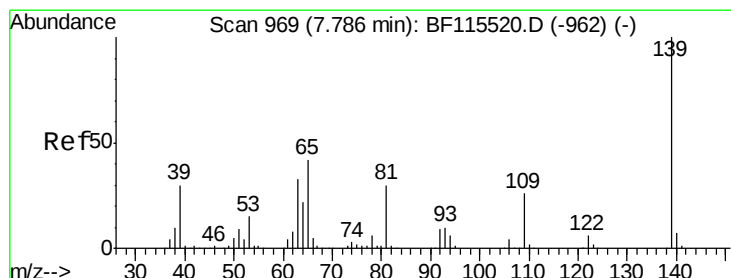
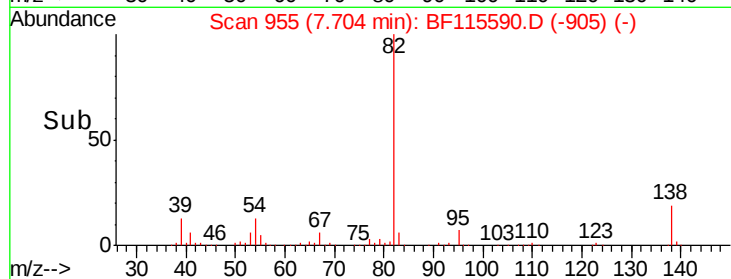
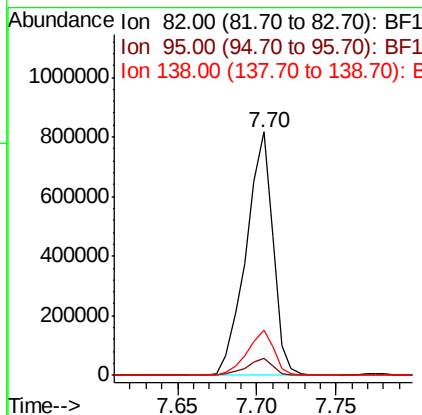
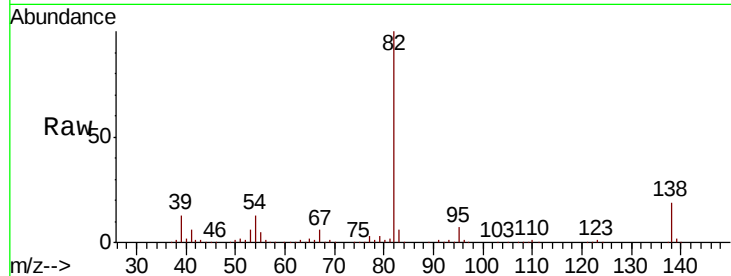
ClientSampled :

PB121224BS

Tot Ion:	82	Resp:	962621
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.838 ng

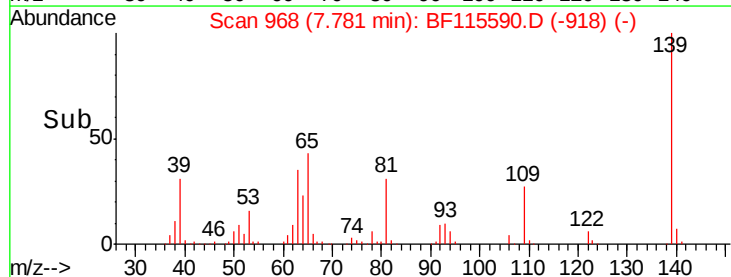
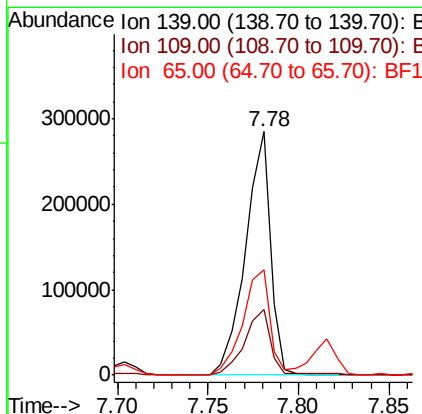
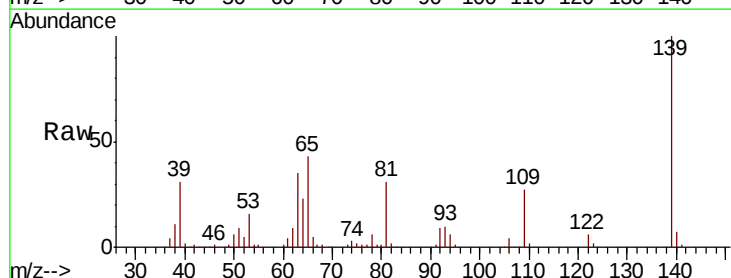
RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	139	Resp:	274159
Ion Ratio	Lower	Upper	
139	100		
109	27.2	23.3	34.9
65	43.4	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 43.453 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

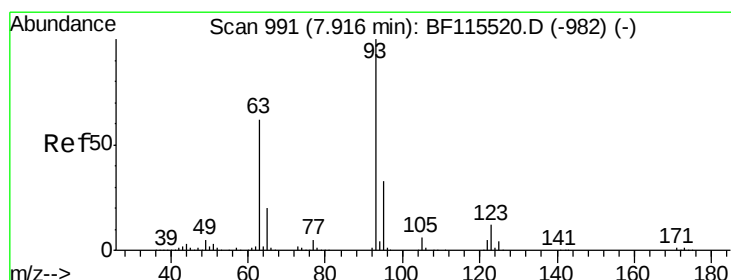
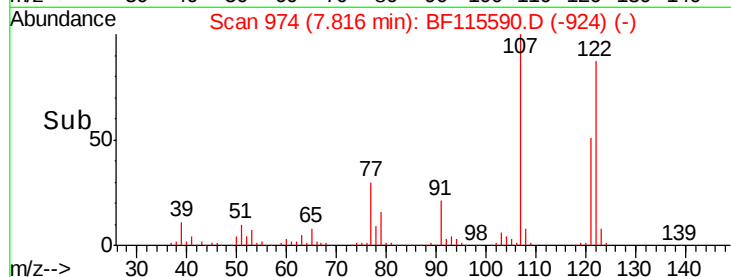
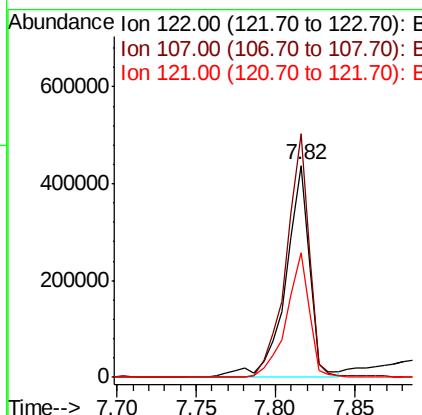
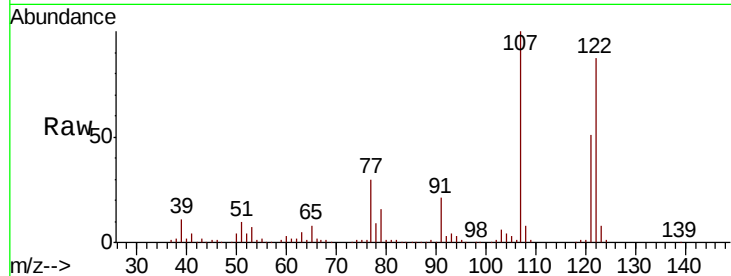
ClientSampleId :

PB121224BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		458950		
107	115.1	92.9	139.3		
121	59.1	46.9	70.3		

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#28

bis(2-Chloroethoxy)methane

Concen: 37.451 ng

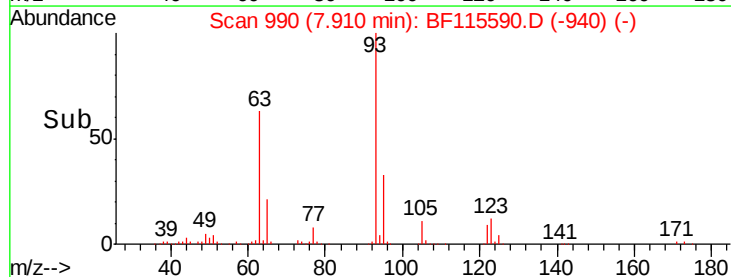
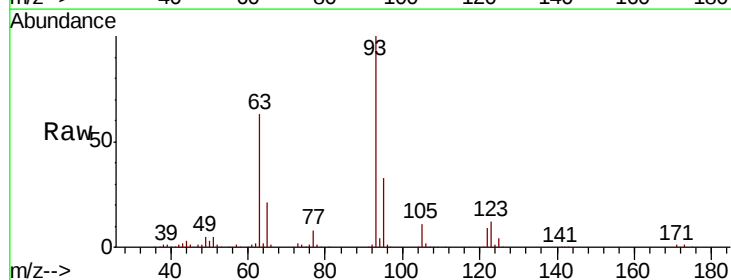
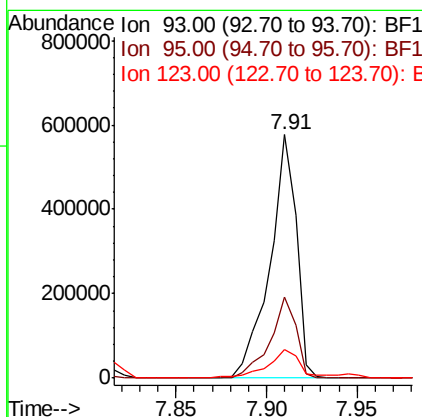
RT: 7.91 min Scan# 990

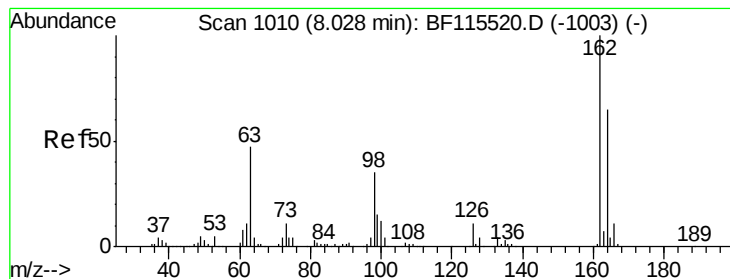
Delta R.T. -0.01 min

Lab File: BF115590.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		584559		
95	33.2	27.0	40.4		
123	11.9	9.9	14.9		





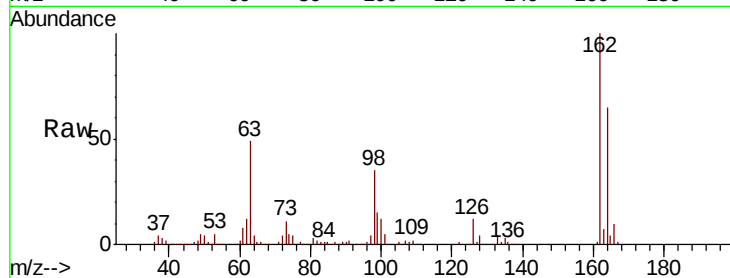
#29
 2,4-Dichlorophenol
 Concen: 39.253 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

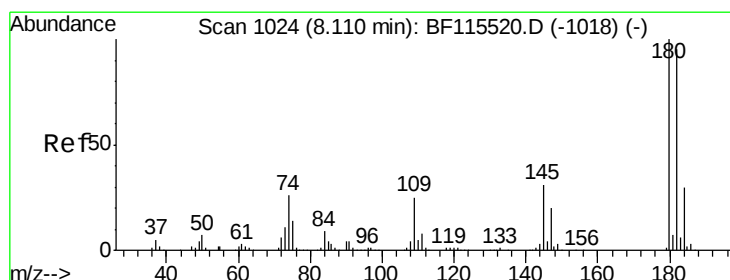
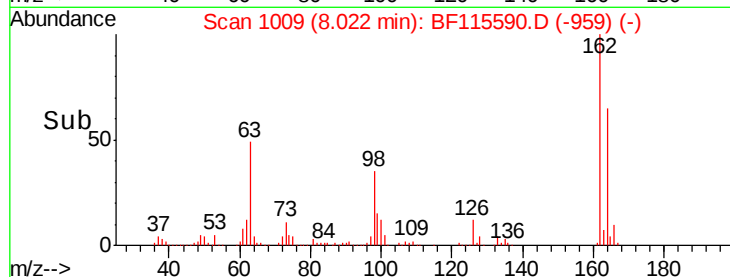
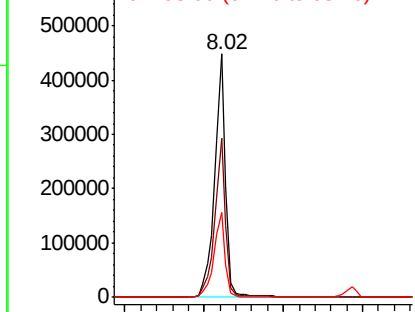
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	35.0	17.7	57.7

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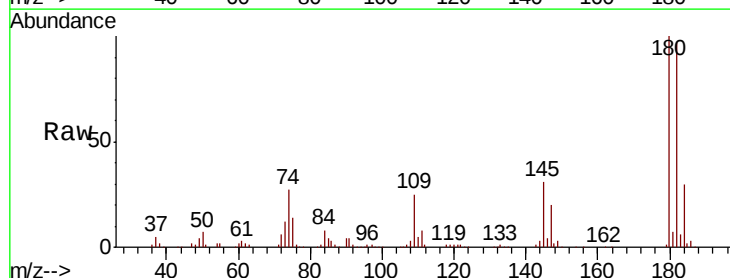


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

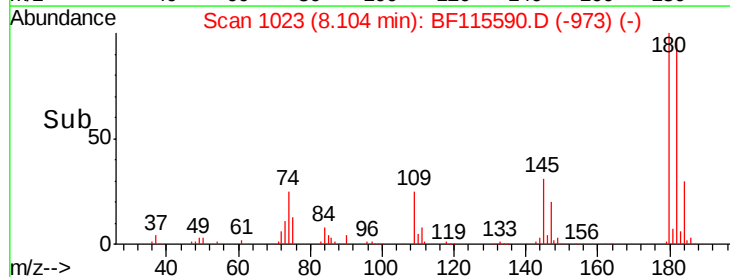
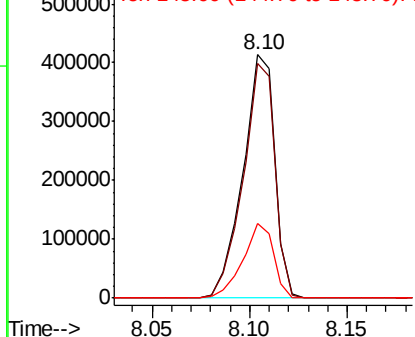


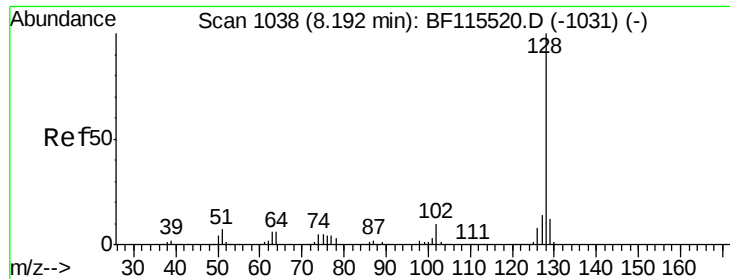
#30
 1,2,4-Trichlorobenzene
 Concen: 37.706 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.0	112.6
145	30.9	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





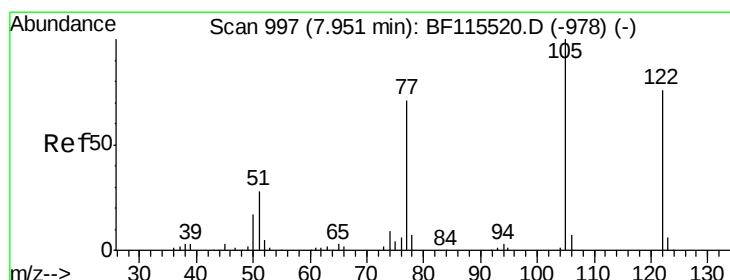
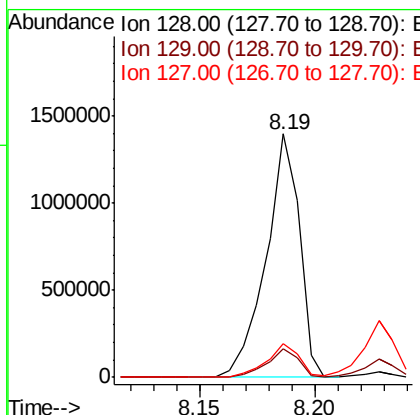
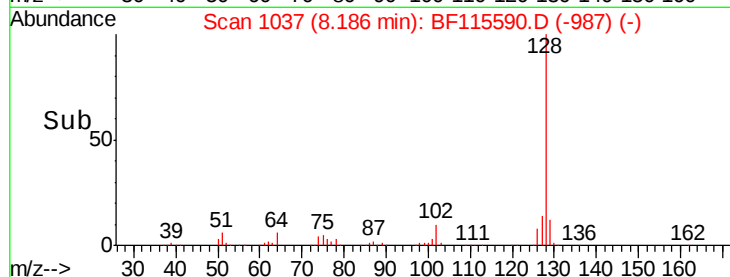
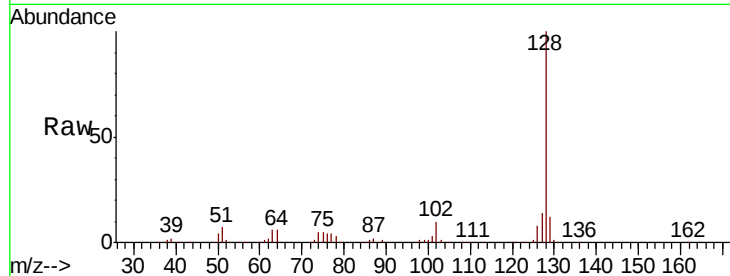
#31
Naphthalene
Concen: 39.245 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:128 Resp: 1405226
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.8 12.1 18.1

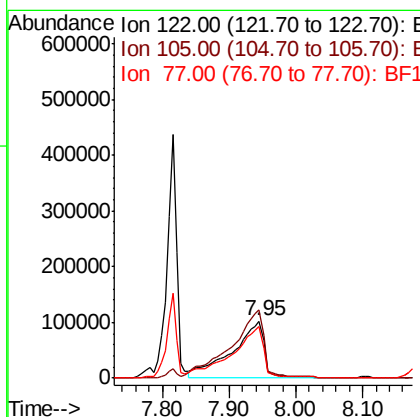
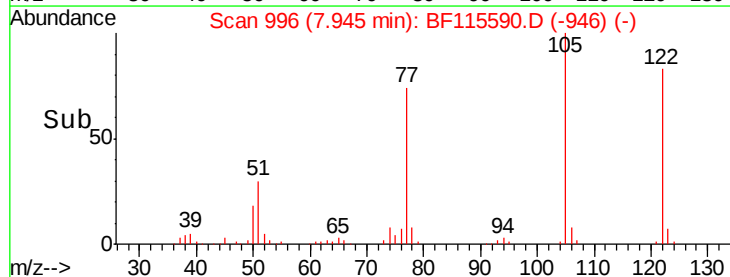
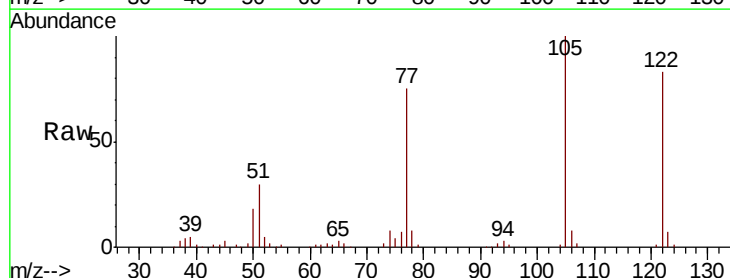
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#32
Benzoic acid
Concen: 39.262 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:122 Resp: 340316
Ion Ratio Lower Upper
122 100
105 120.6 102.5 142.5
77 90.1 70.2 110.2





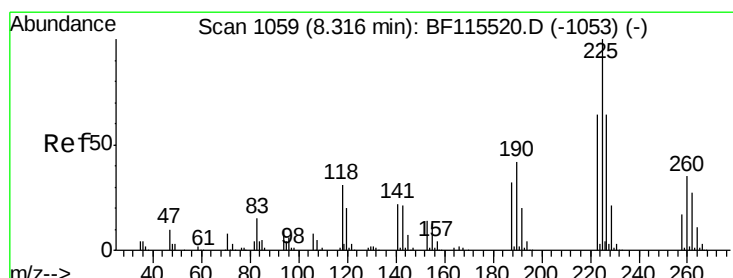
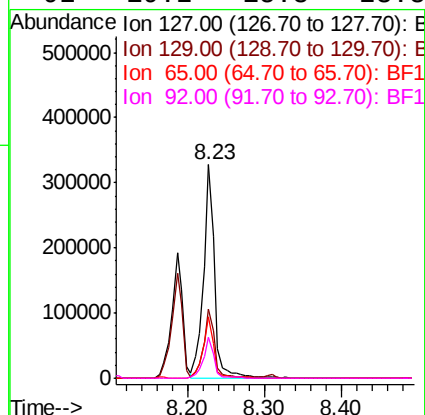
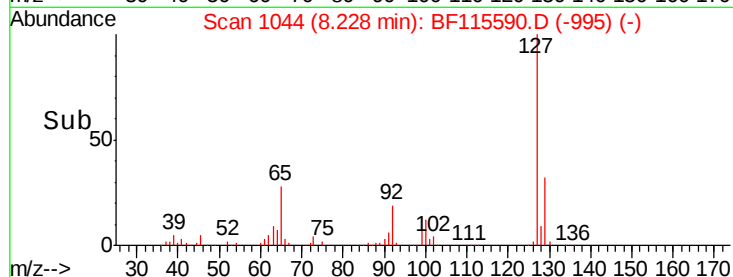
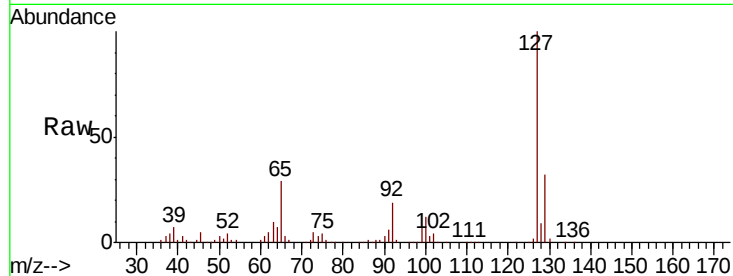
#33
4-Chloroaniline
Concen: 20.884 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.6	39.8		
65	28.9	23.7	35.5		
92	19.2	15.8	23.8		

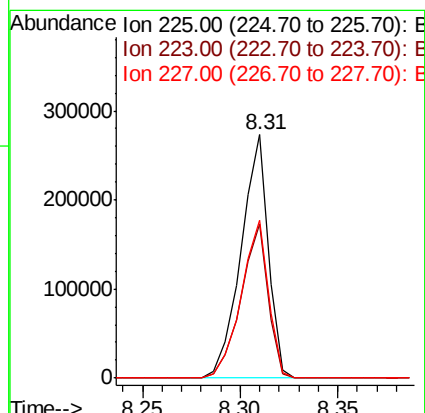
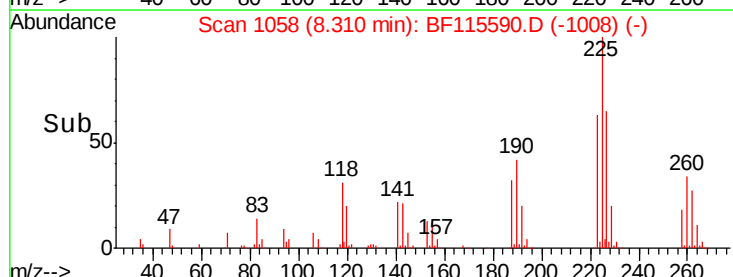
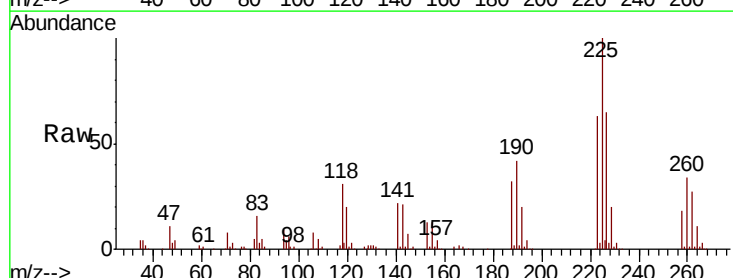
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#34
Hexachlorobutadiene
Concen: 37.023 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.9	76.3		
227	65.0	50.7	76.1		





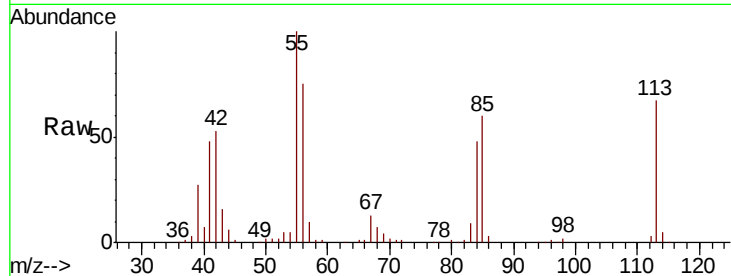
#35
Caprolactam
Concen: 39.523 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleID :
PB121224BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.8	126.9	166.9
56	111.1	90.3	130.3

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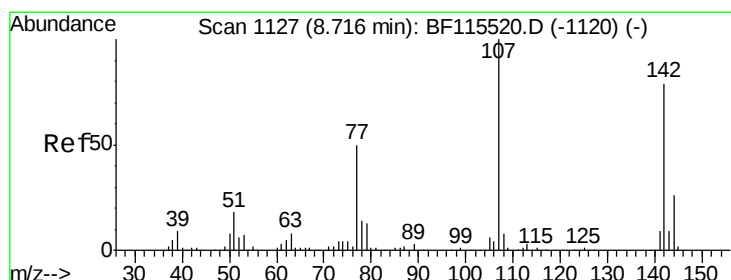
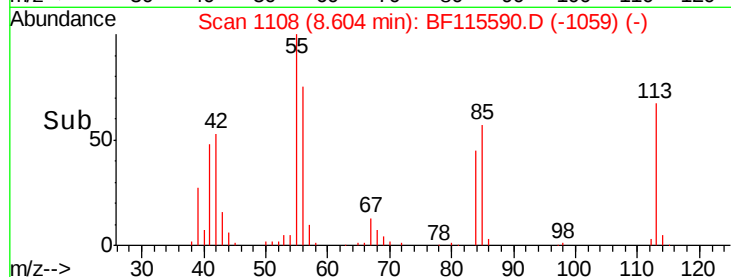
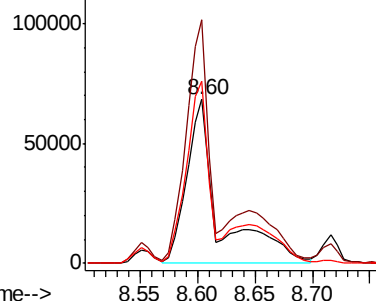


Abundance

Ion 113.00 (112.70 to 113.70): E

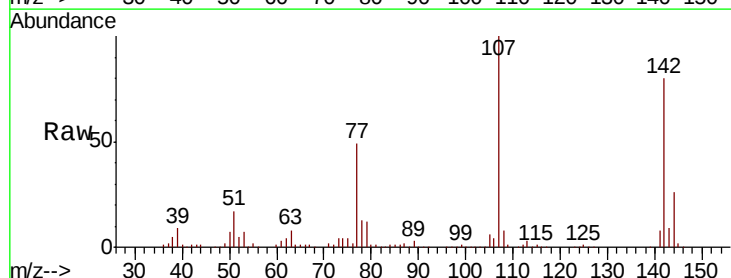
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 38.936 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.6	30.8
142	80.4	63.1	94.7

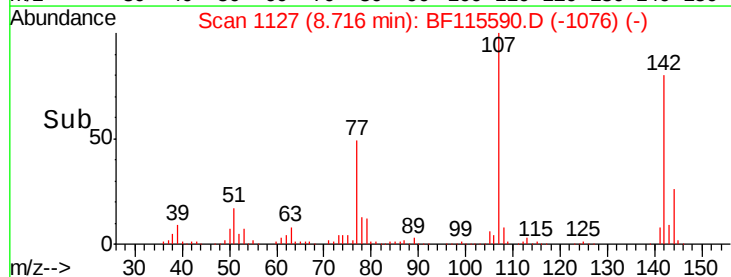
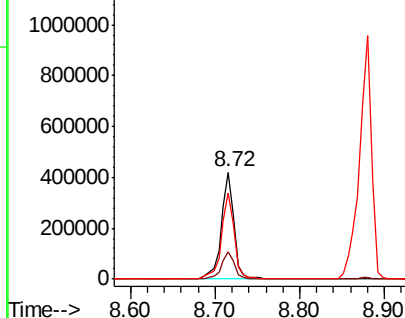


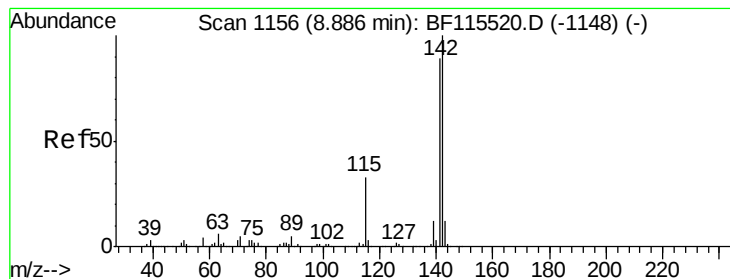
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





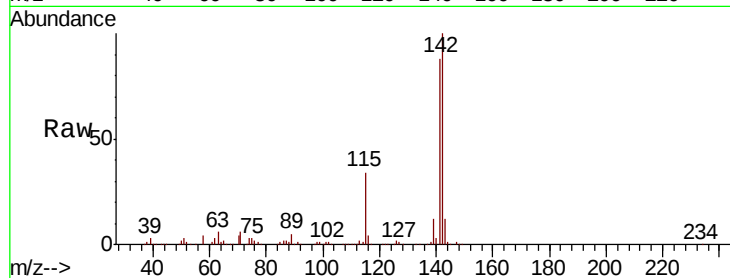
#37
2-Methylnaphthalene
Concen: 39.956 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.0	108.0
115	34.0	29.9	44.9

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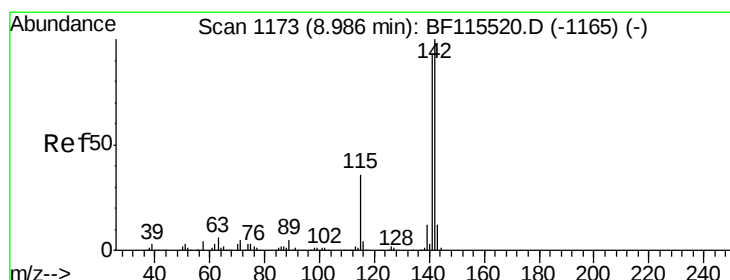
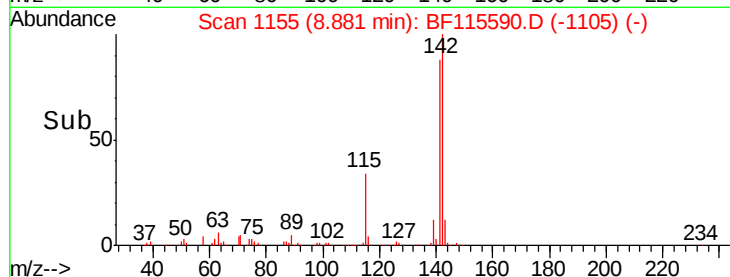
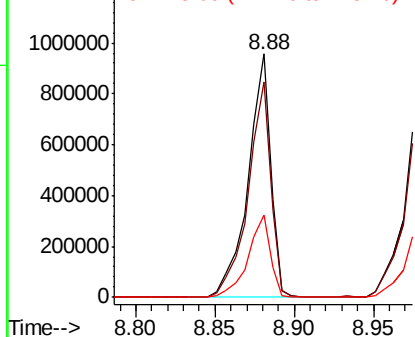


Abundance

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: 39.603 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

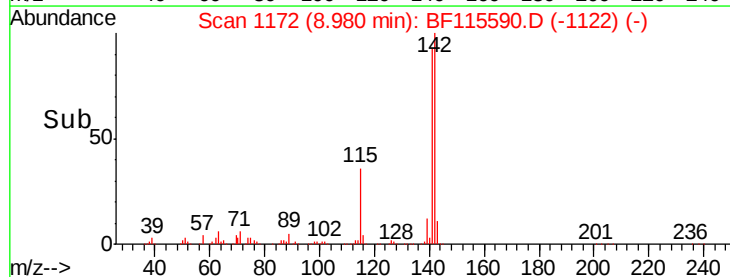
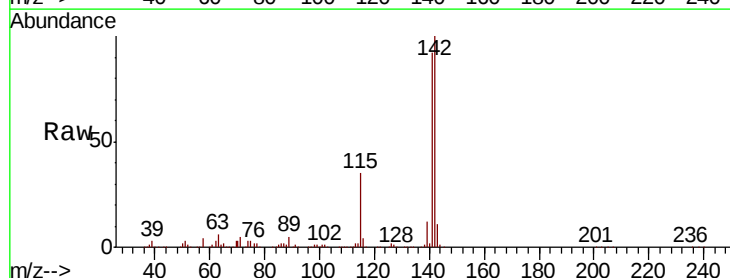
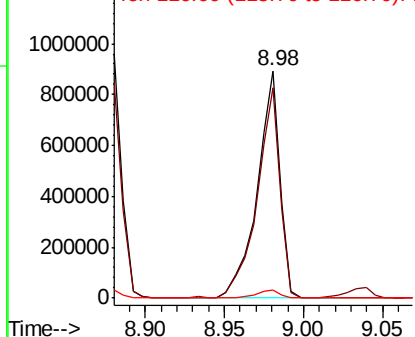
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.3	112.9
116	3.6	3.3	4.9

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





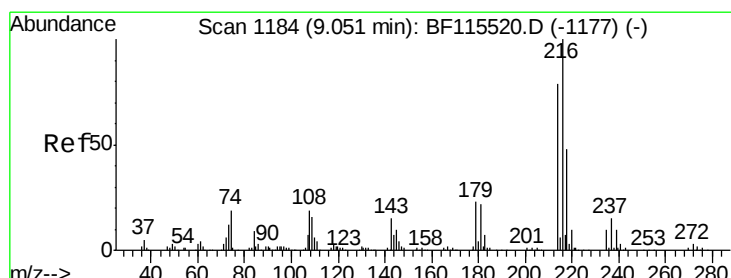
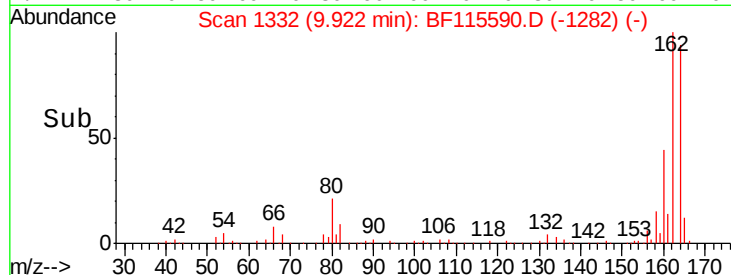
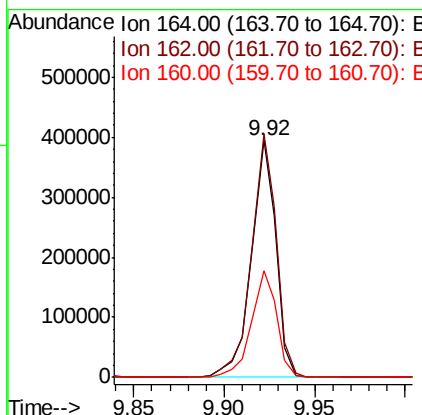
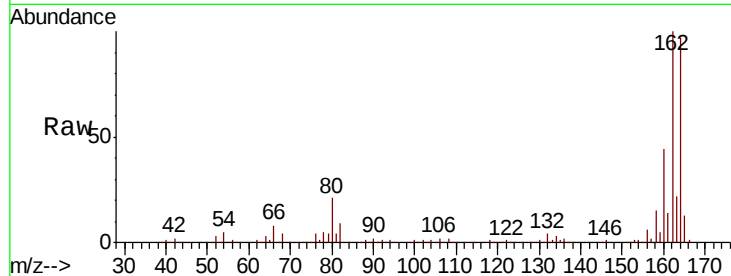
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	44.9	36.8	55.2

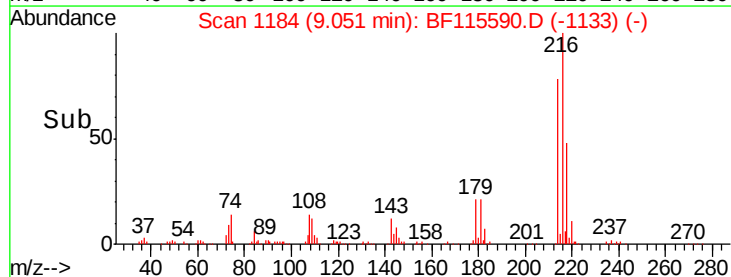
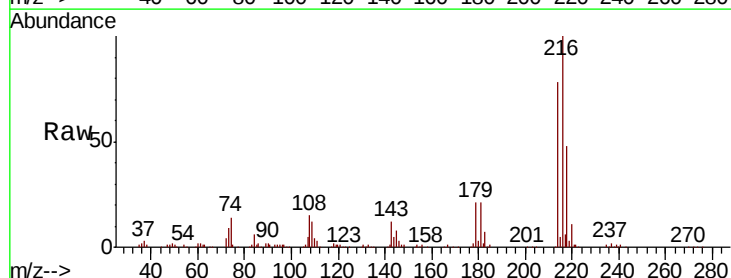
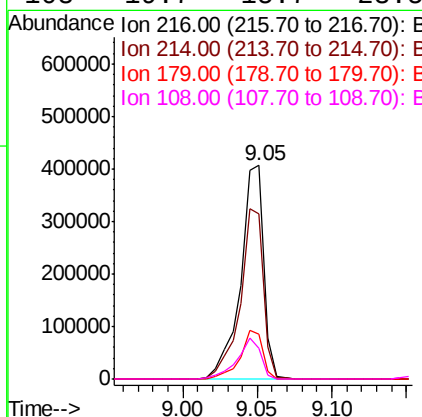
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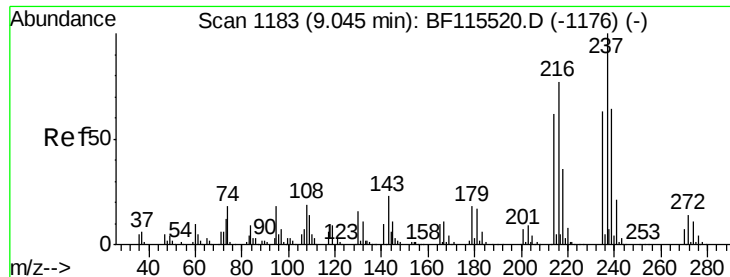
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.455 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	65.1	97.7
179	21.9	18.3	27.5
108	19.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 56.652 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

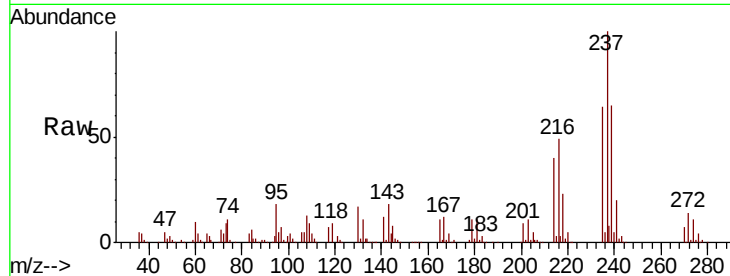
ClientSampleId :

PB121224BS

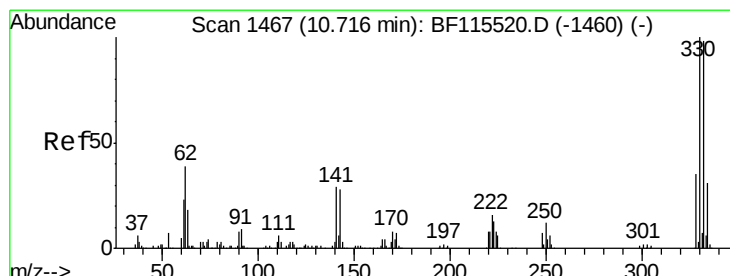
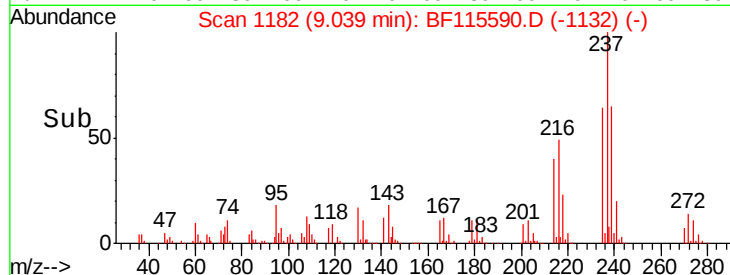
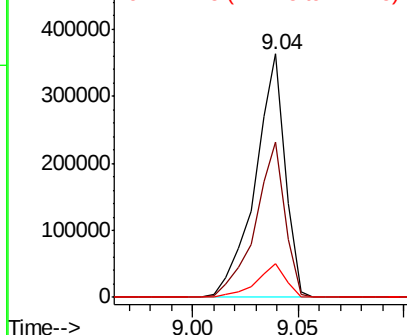
Tot Ion:	237	Resp:	358846
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.6	83.6
272	13.7	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 109.962 ng

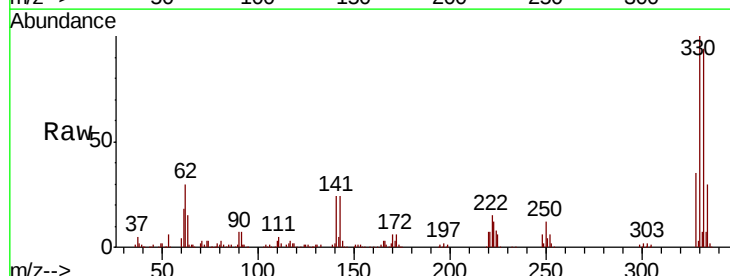
RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

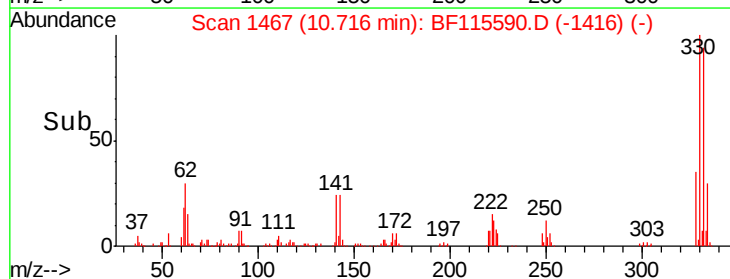
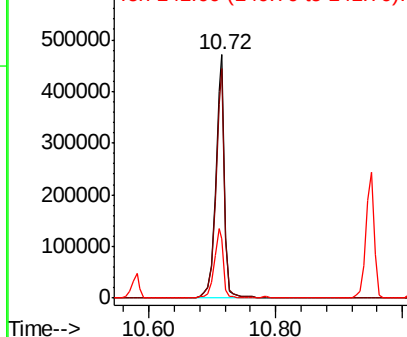
Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	330	Resp:	473285
Ion Ratio	Lower	Upper	
330	100		
332	94.6	77.4	116.2
141	30.1	22.4	33.6



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





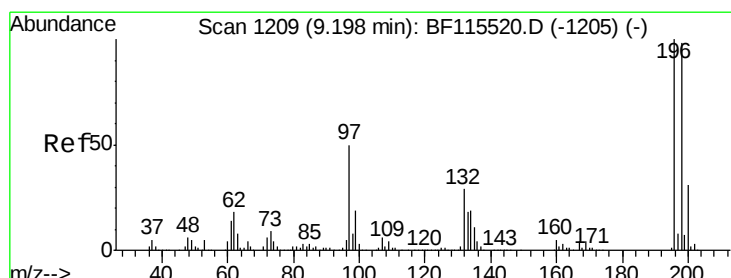
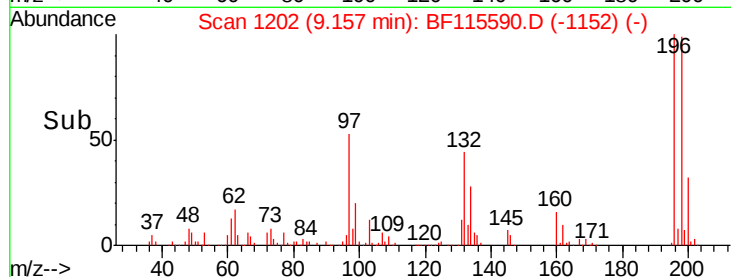
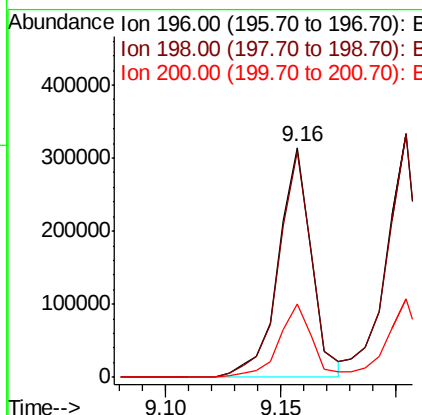
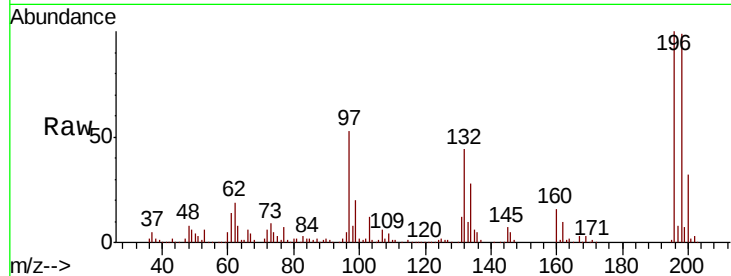
#43
 2,4,6-Trichlorophenol
 Concen: 38.227 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	310417		
198	98.5	80.6	121.0	
200	32.1	25.8	38.6	

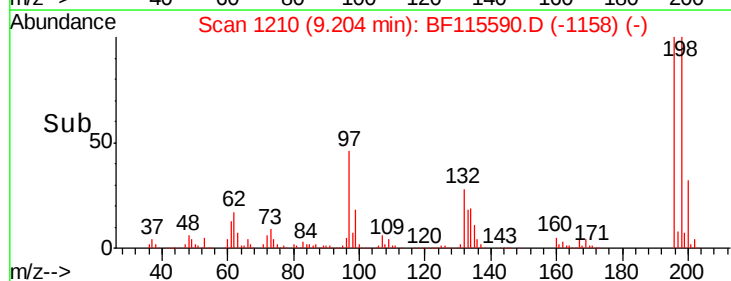
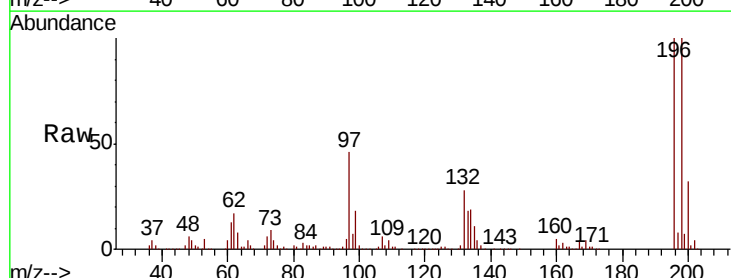
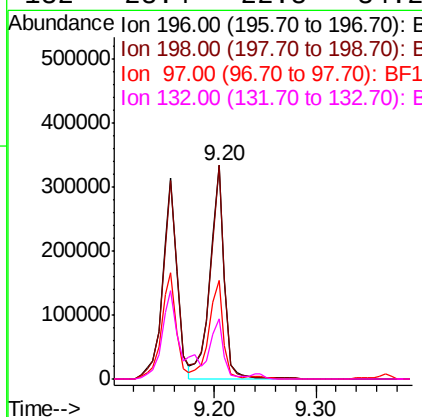
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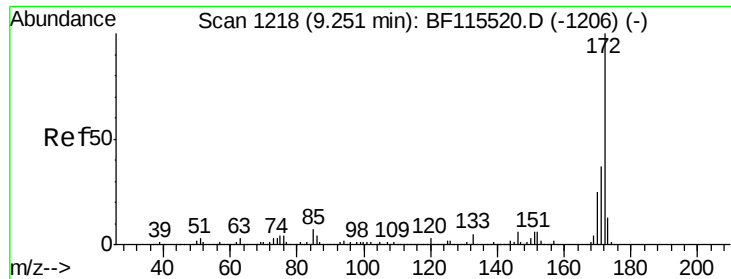
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.846 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323044		
198	100.1	79.6	119.4	
97	46.4	37.8	56.6	
132	28.4	22.8	34.2	





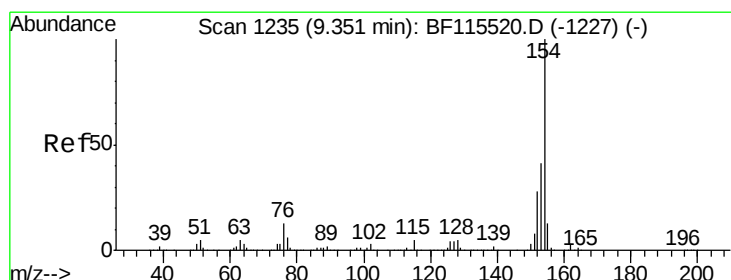
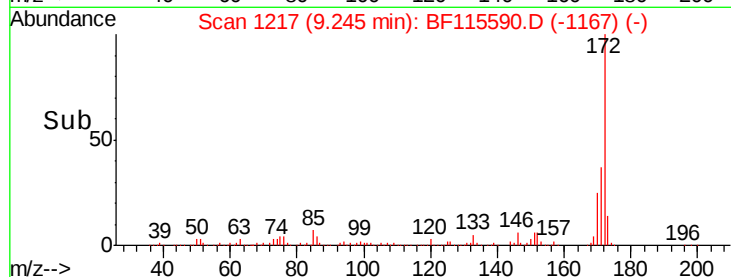
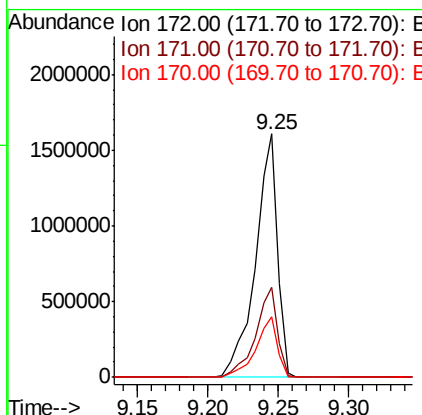
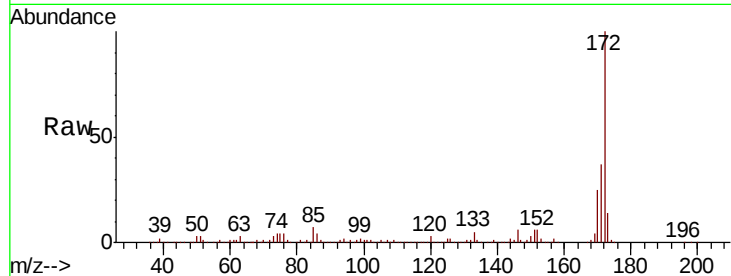
#45
2-Fluorobiphenyl
Concen: 84.239 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.9	20.5	30.7

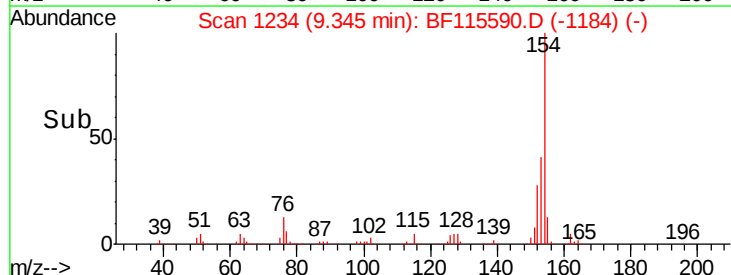
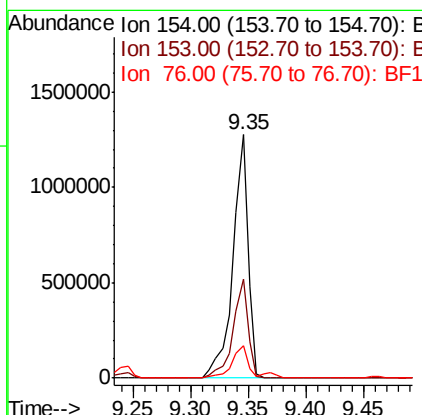
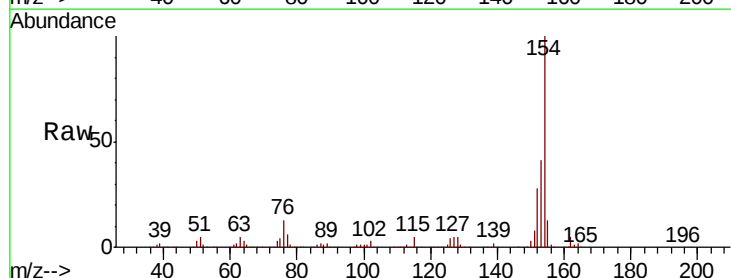
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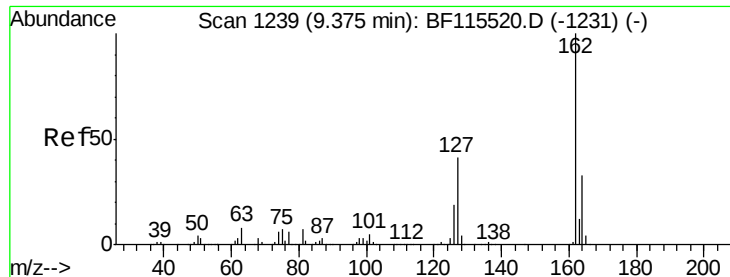
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#46
1,1'-Biphenyl
Concen: 40.261 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.6	62.6
76	13.1	0.0	33.4





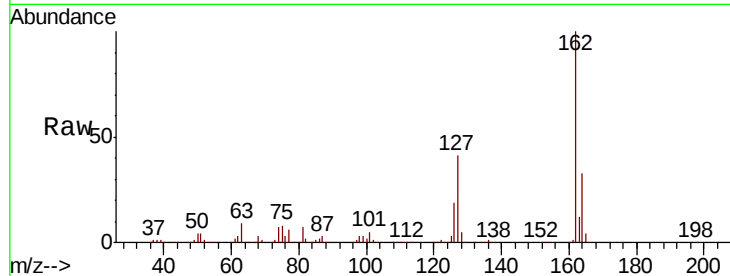
#47
 2-Chloronaphthalene
 Concen: 38.094 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

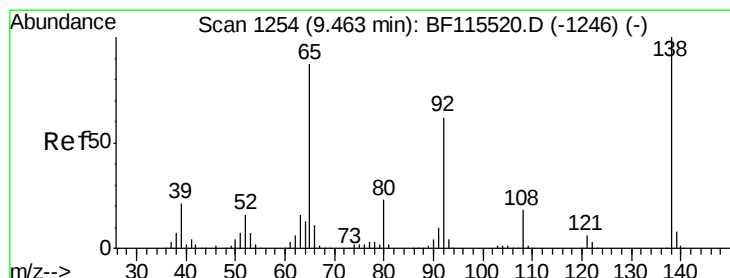
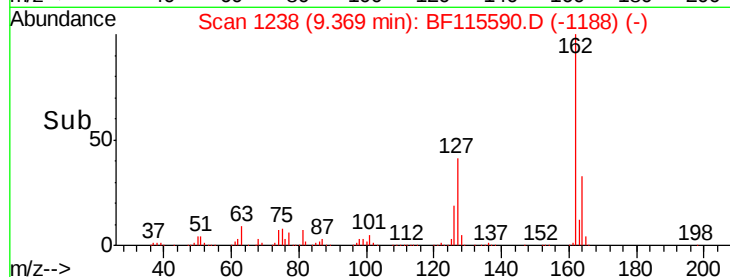
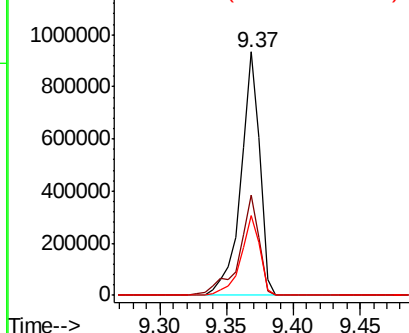
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	34.1	51.1	
164	32.5	27.4	41.2	

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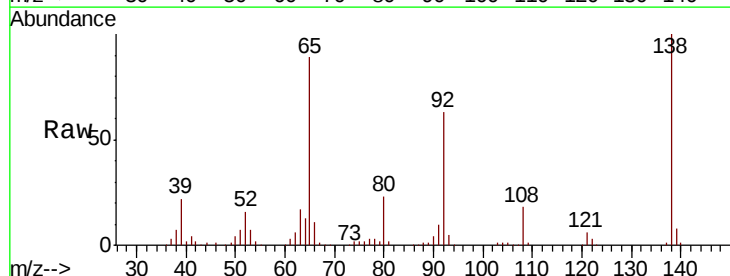


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

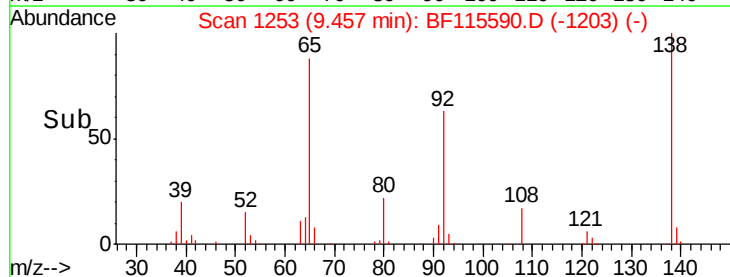
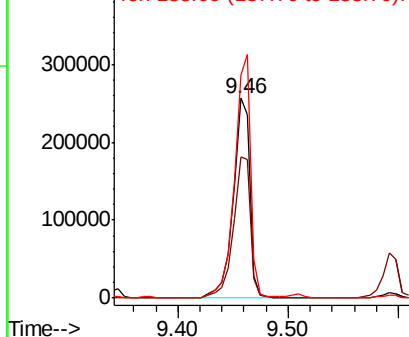


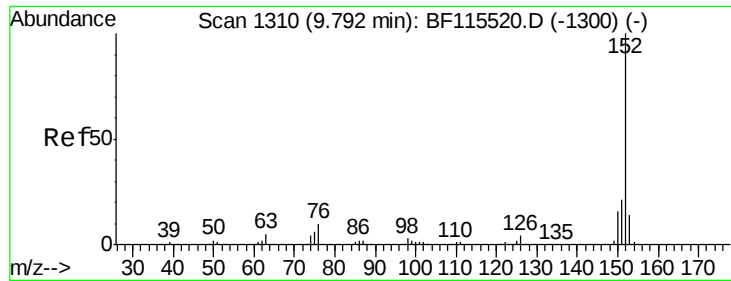
#48
 2-Nitroaniline
 Concen: 36.586 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.8	57.8	86.6	
138	112.0	91.2	136.8	



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





#49

Acenaphthylene

Concen: 38.753 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

PB121224BS

Tot Ion:152 Resp: 1378336

Ion Ratio Lower Upper

152 100

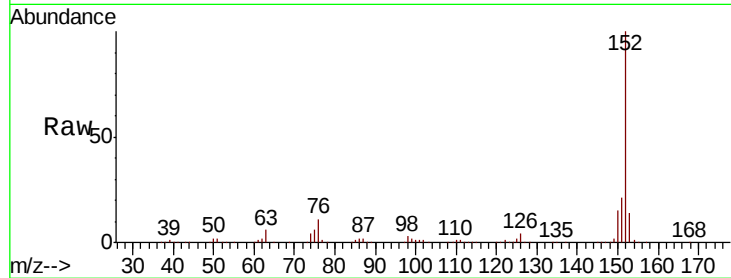
151 21.0 17.7 26.5

153 14.0 12.0 18.0

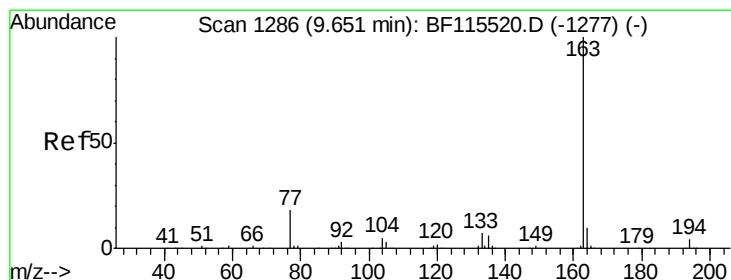
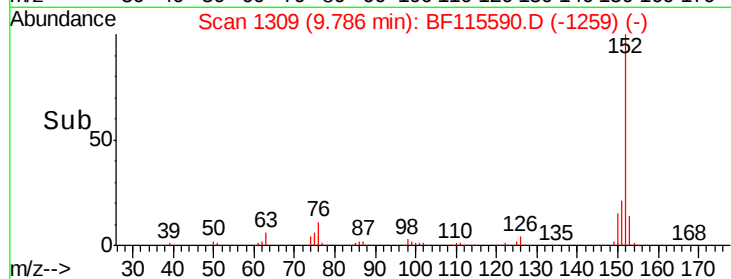
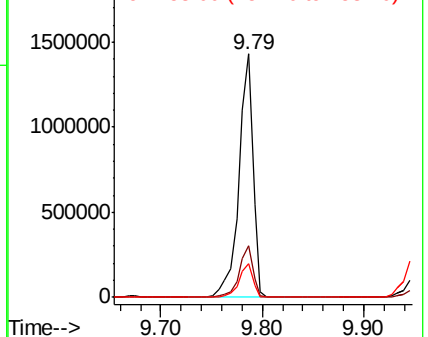
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.986 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

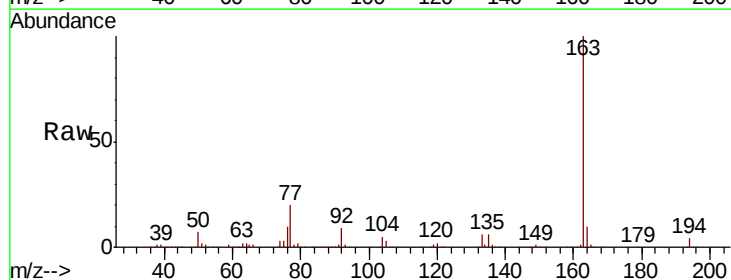
Tgt Ion:163 Resp: 1053830

Ion Ratio Lower Upper

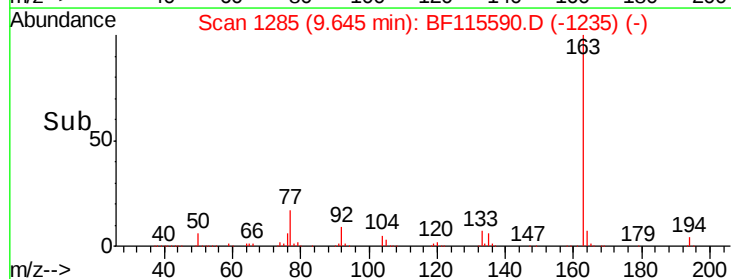
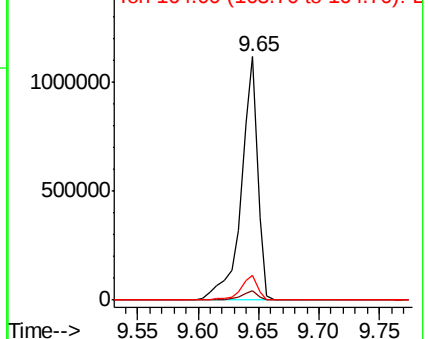
163 100

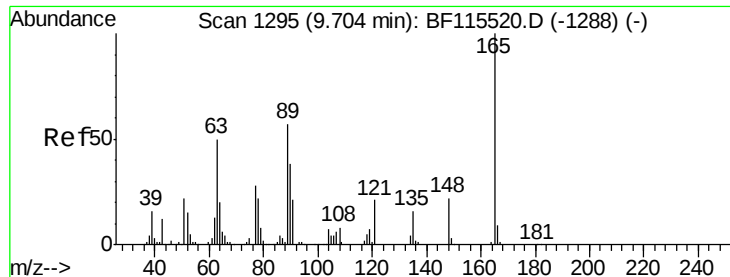
194 4.1 3.3 4.9

164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





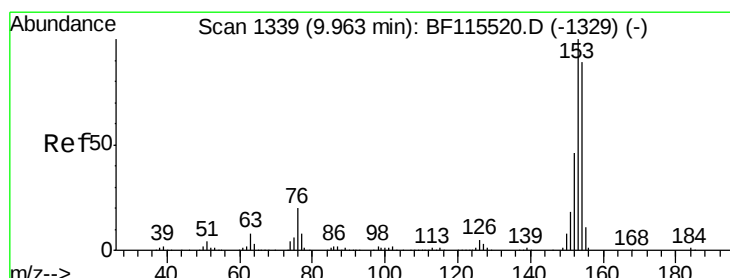
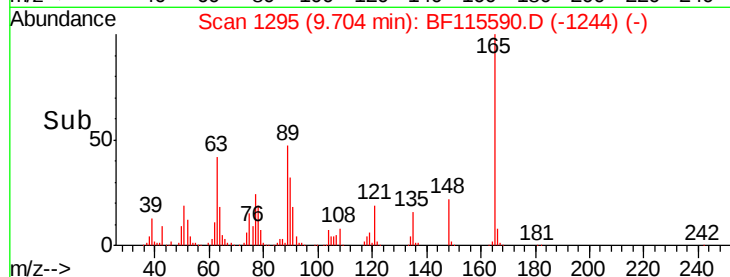
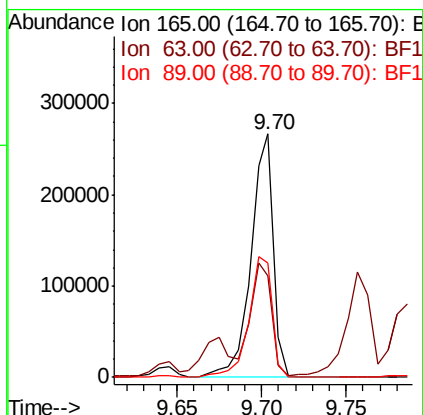
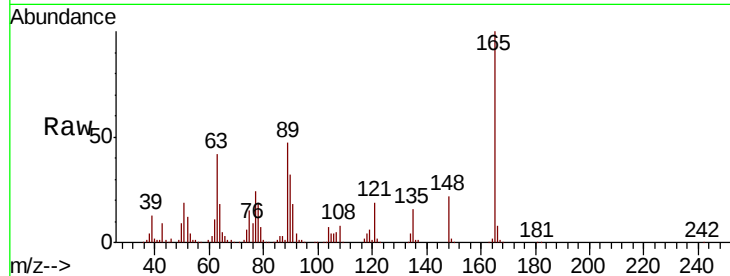
#51
2,6-Dinitrotoluene
Concen: 39.272 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247601		
63	41.9		40.6	61.0
89	47.2		43.9	65.9

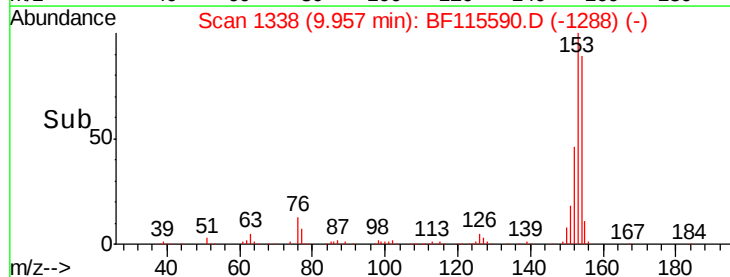
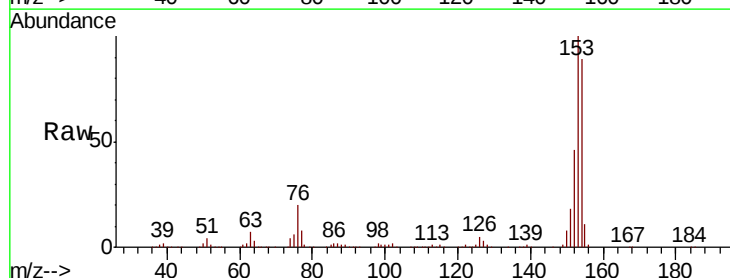
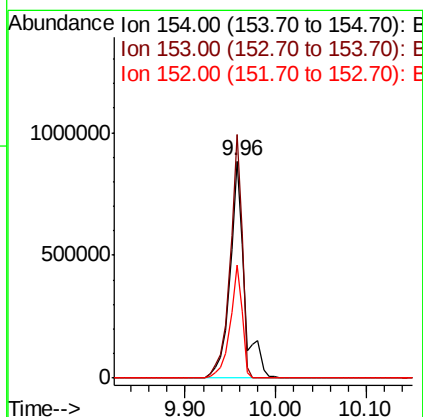
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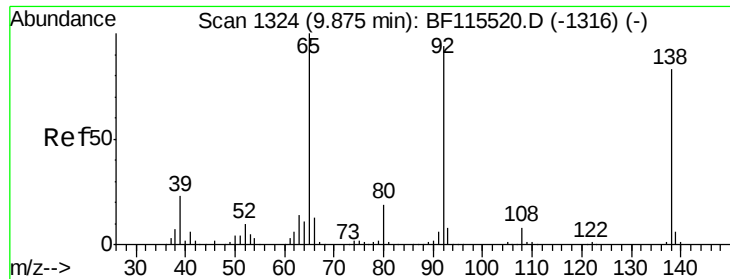
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#52
Acenaphthene
Concen: 42.360 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	972711		
153	112.3		88.6	133.0
152	51.9		42.3	63.5





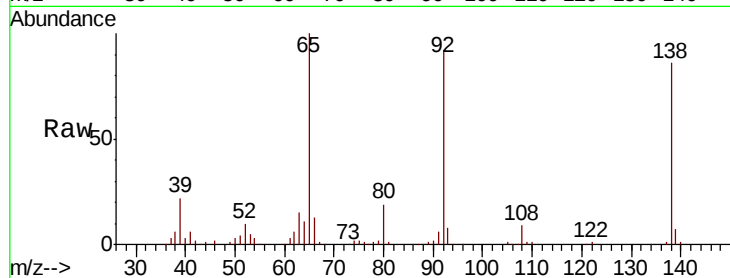
#53
3-Nitroaniline
Concen: 24.999 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampled :
PB121224BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.4	12.6
92	106.5	88.0	132.0

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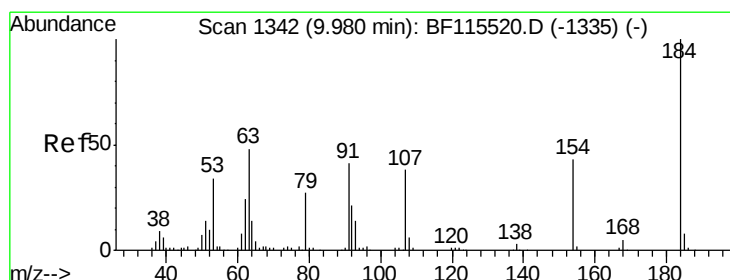
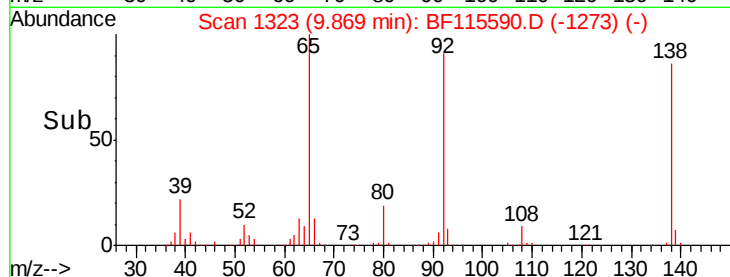
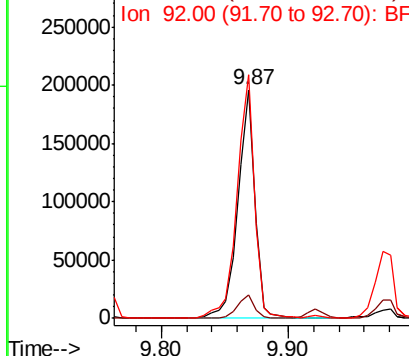


Abundance

Ion 138.00 (137.70 to 138.70): E

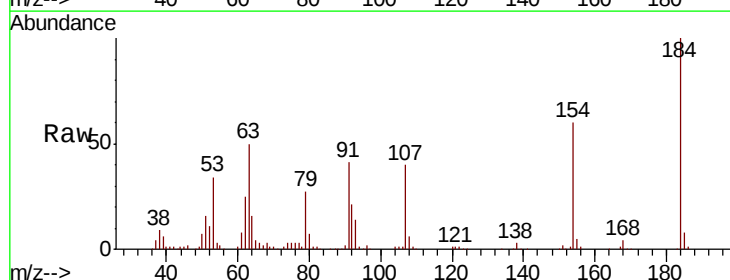
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.472 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.9	48.7	73.1
154	59.8	48.6	73.0

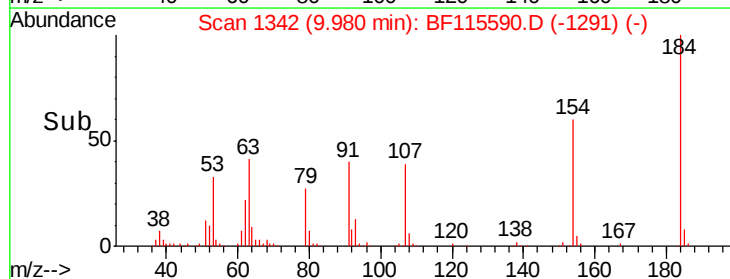
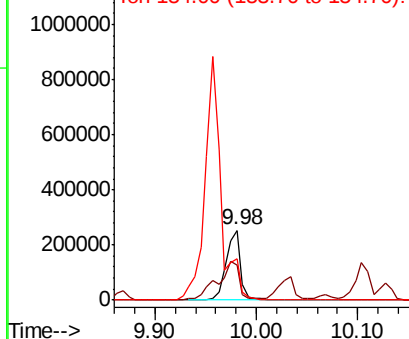


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 37.993 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

PB121224BS

Tot Ion:168 Resp: 1238936

Ion Ratio Lower Upper

168 100

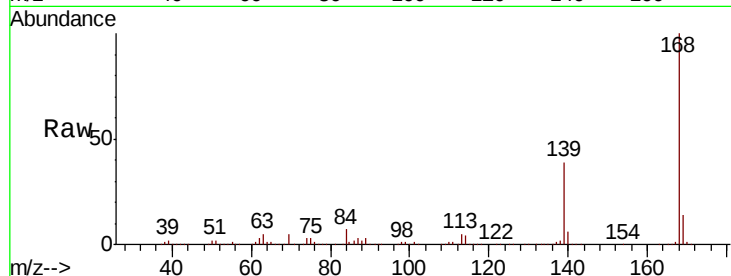
139 39.0 31.1 46.7

169 14.1 11.1 16.7

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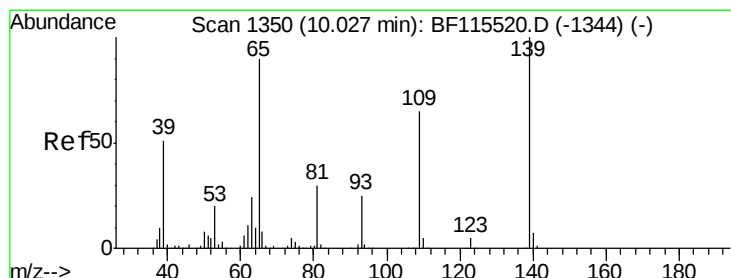
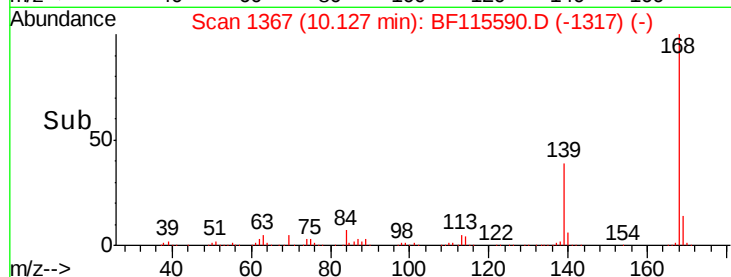
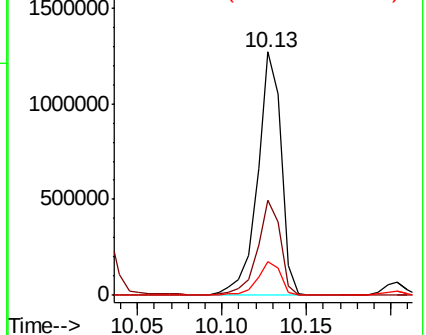
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.751 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

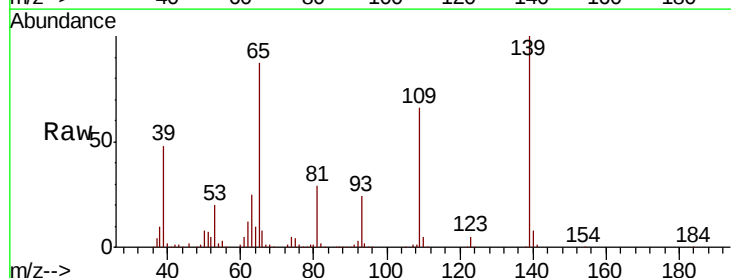
Tgt Ion:139 Resp: 383213

Ion Ratio Lower Upper

139 100

109 65.8 46.4 86.4

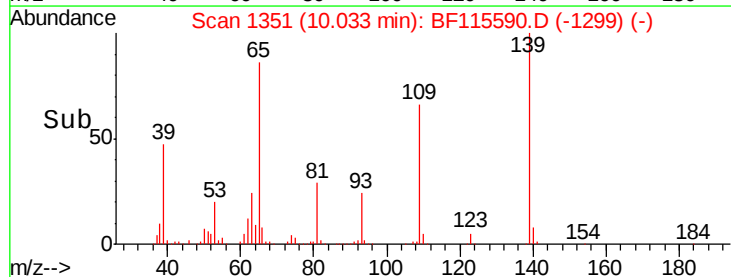
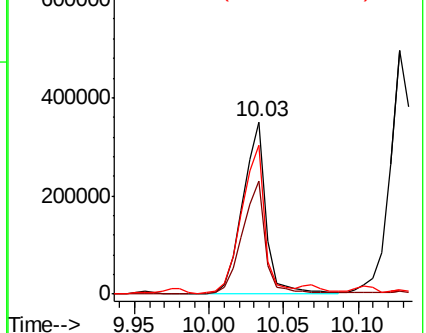
65 86.6 68.9 108.9

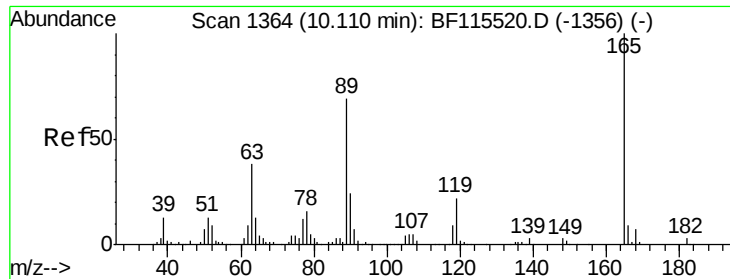


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.747 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

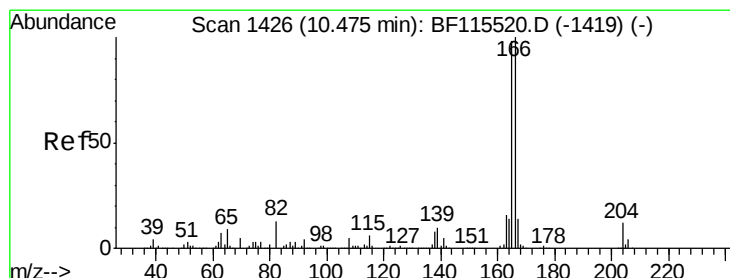
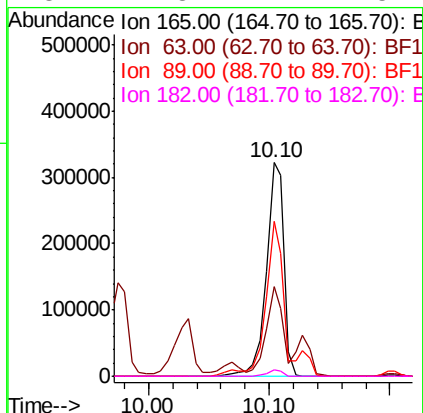
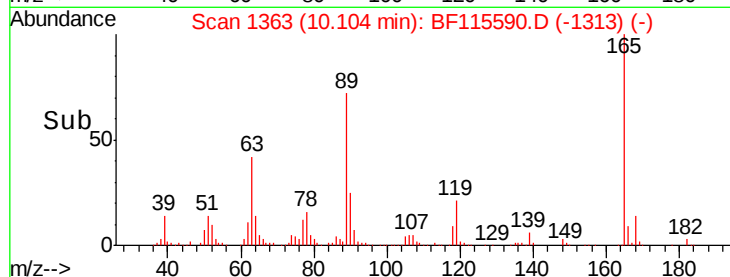
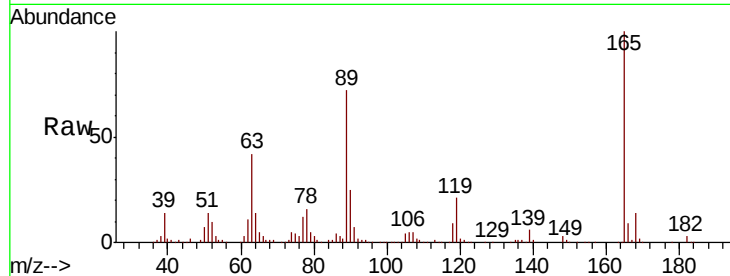
ClientSampleId :

PB121224BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	34.9	52.3
89	72.4	57.5	86.3
182	2.8	2.2	3.4

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#58

Fluorene

Concen: 39.642 ng

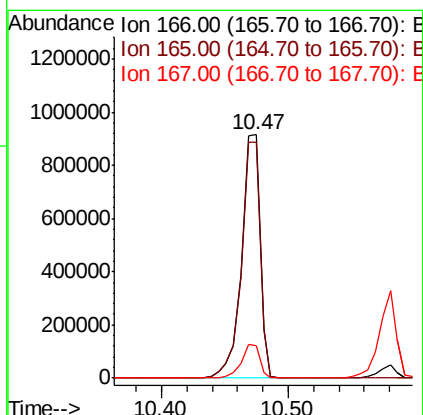
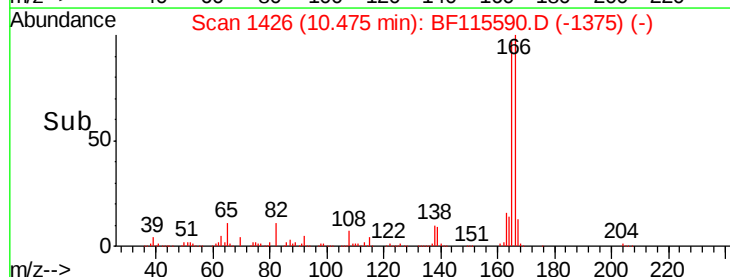
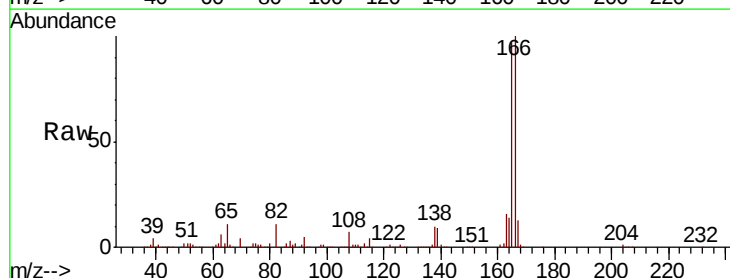
RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.6
167	13.2	11.2	16.8





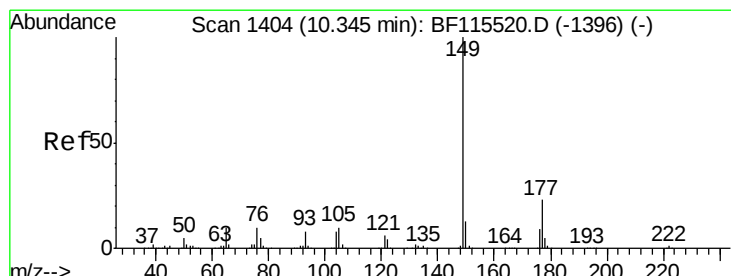
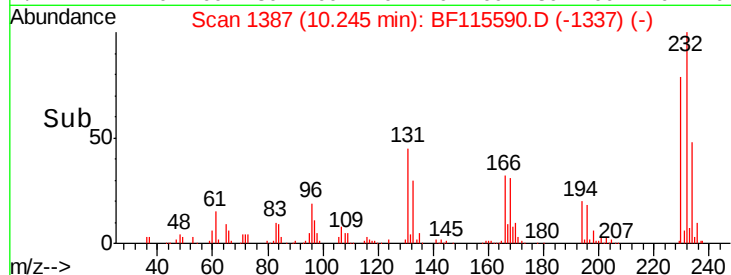
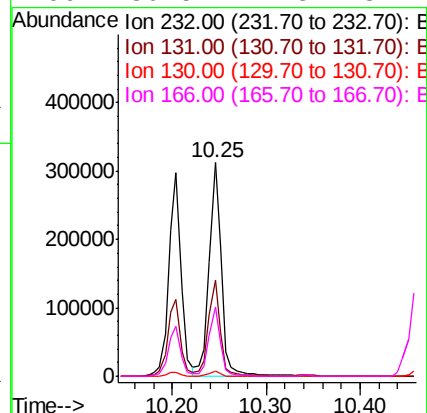
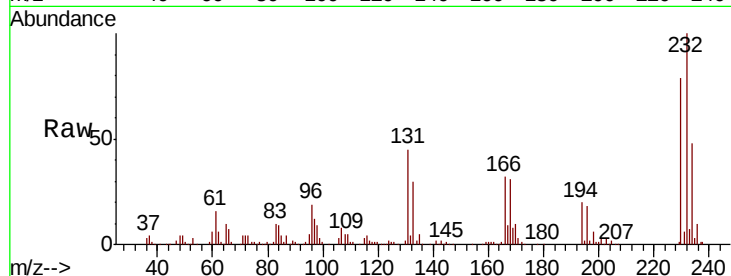
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.601 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion:	232	Resp:	282247
Ion Ratio	Lower	Upper	
232	100		
131	44.3	35.9	53.9
130	2.1	1.8	2.6
166	30.5	24.8	37.2

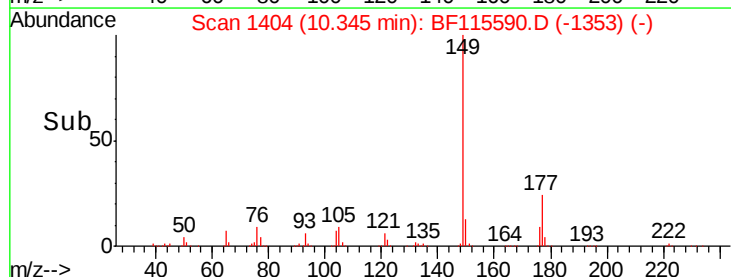
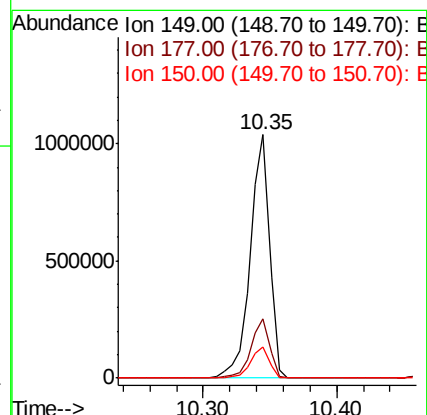
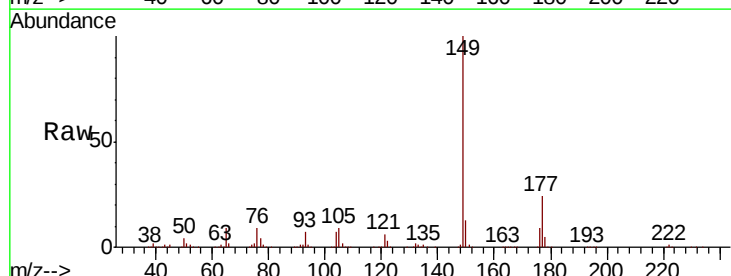
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#60
 Diethylphthalate
 Concen: 39.429 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion:	149	Resp:	1024912
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.5	29.3
150	12.7	10.4	15.6





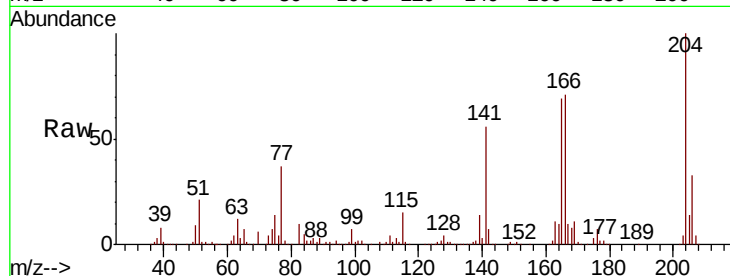
#61
 4-Chlorophenyl-phenylether
 Concen: 36.636 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

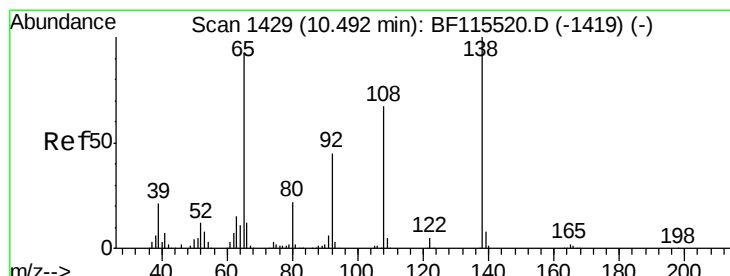
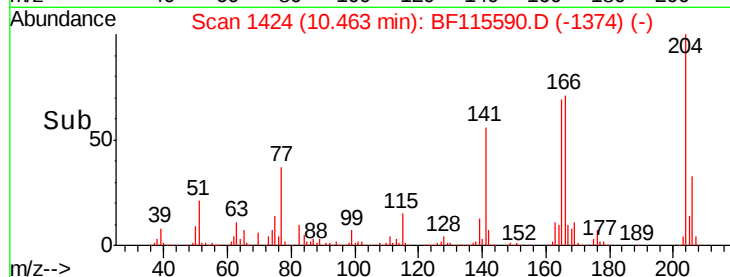
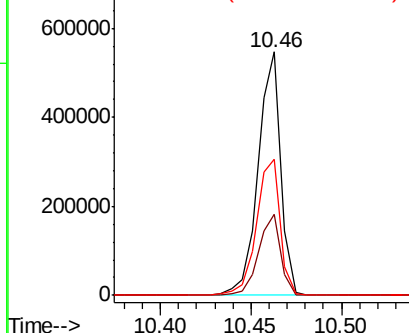
Tot Ion:	204	Resp:	473627
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.7	40.1
141	56.0	44.2	66.2

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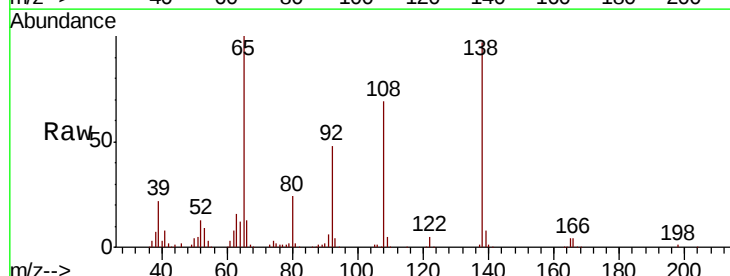


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

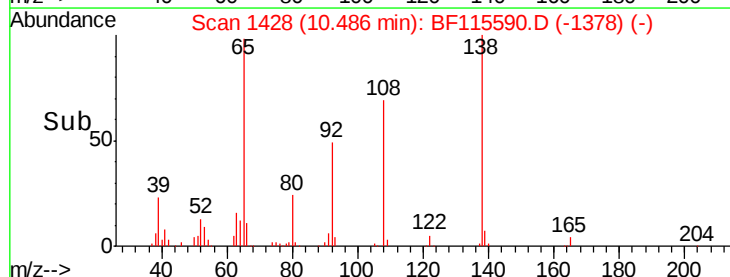
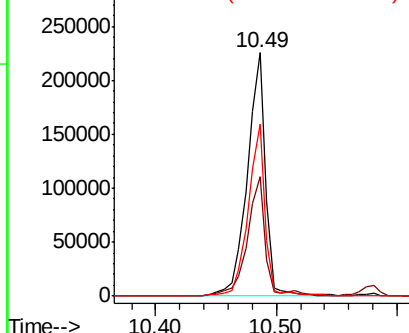


#62
 4-Nitroaniline
 Concen: 34.606 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion:	138	Resp:	239163
Ion Ratio	Lower	Upper	
138	100		
92	49.2	27.1	67.1
108	70.7	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





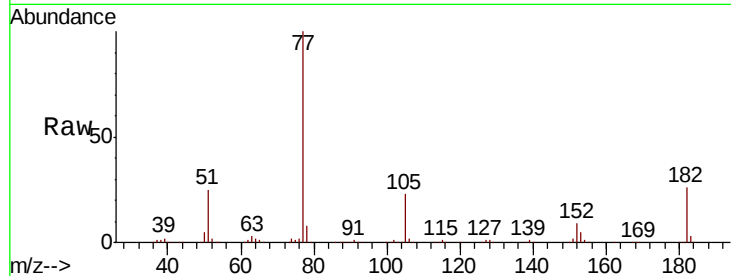
#63
Azobenzene
Concen: 38.948 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

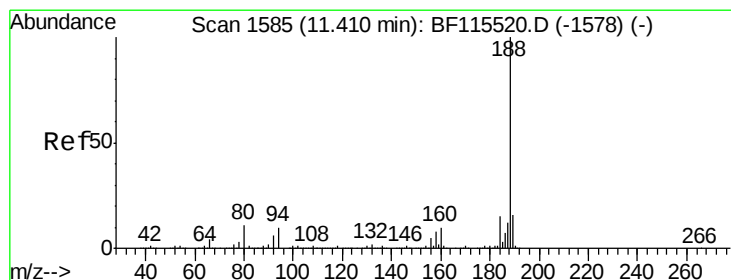
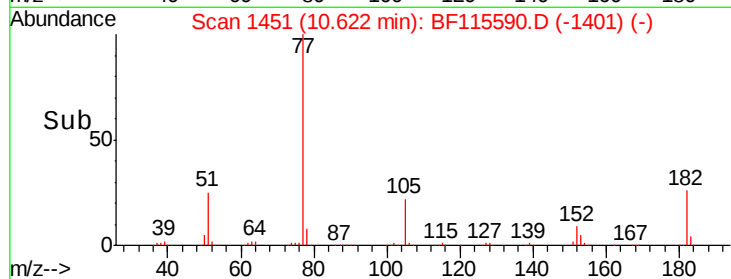
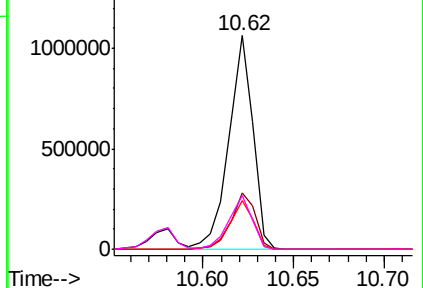
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		982008		
182	26.3	6.9	46.9		
105	22.9	3.9	43.9		
51	25.3	7.3	47.3		

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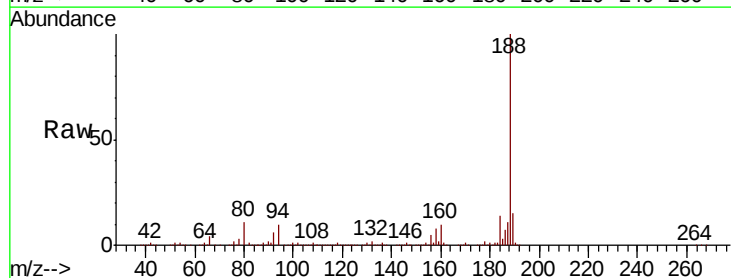


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

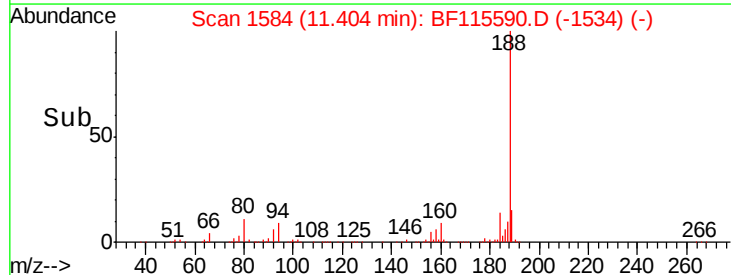
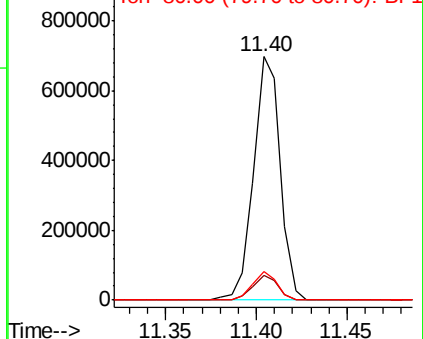


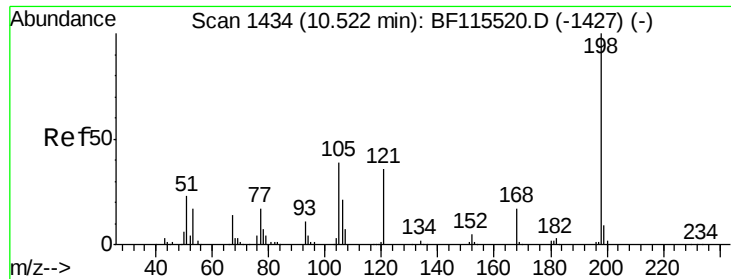
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		710939		
94	10.1	7.8	11.6		
80	11.5	8.6	13.0		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.705 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

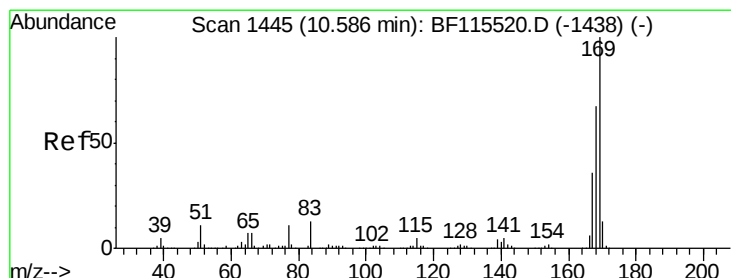
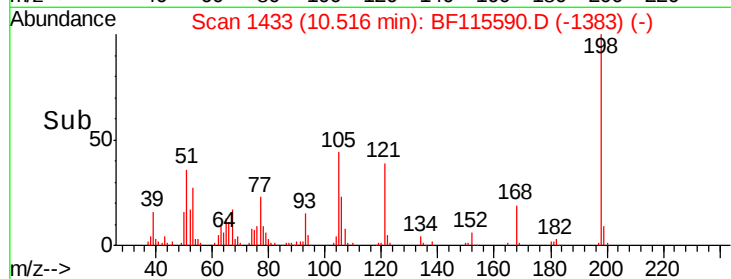
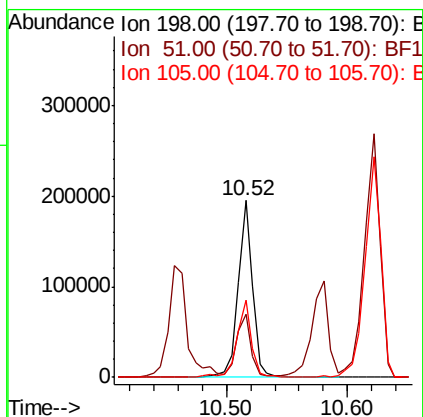
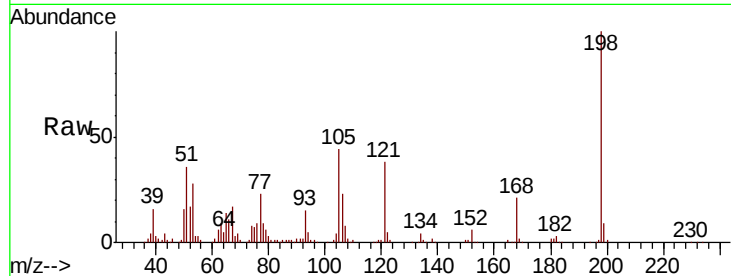
ClientSampleId :

PB121224BS

Tot Ion:	198	Resp:	163777
Ion Ratio	Lower	Upper	
198	100		
51	35.9	19.1	59.1
105	44.0	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 38.447 ng

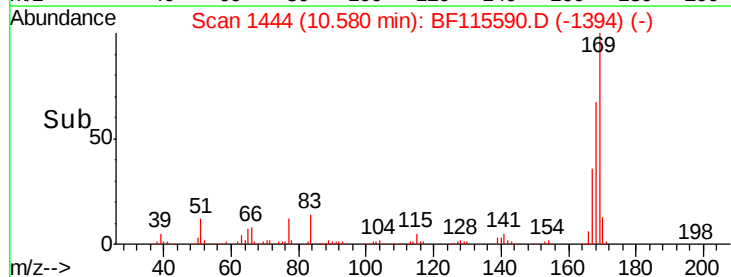
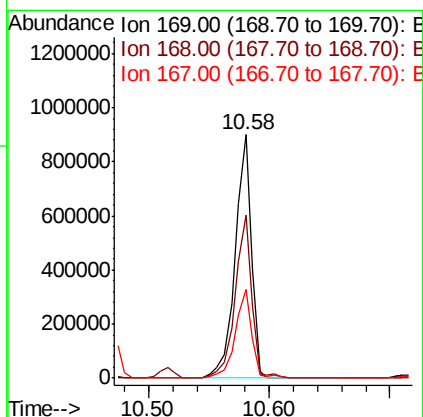
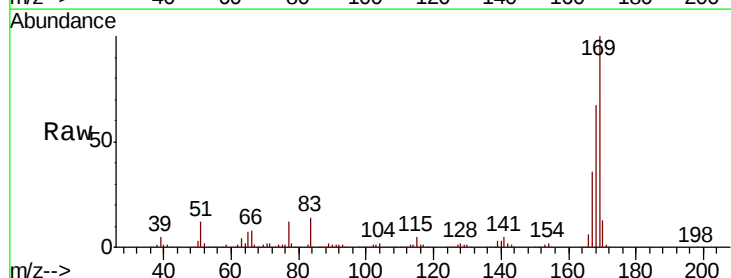
RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	169	Resp:	850256
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.3	81.5
167	36.5	30.2	45.2





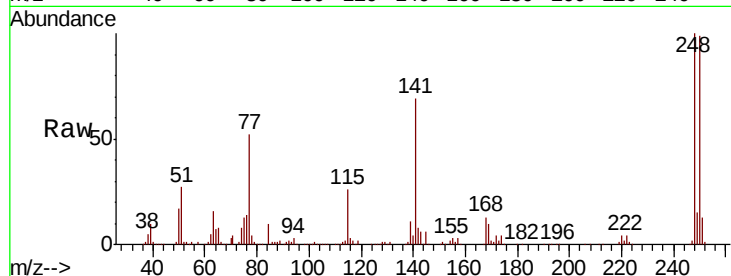
#67
 4-Bromophenyl-phenylether
 Concen: 37.409 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

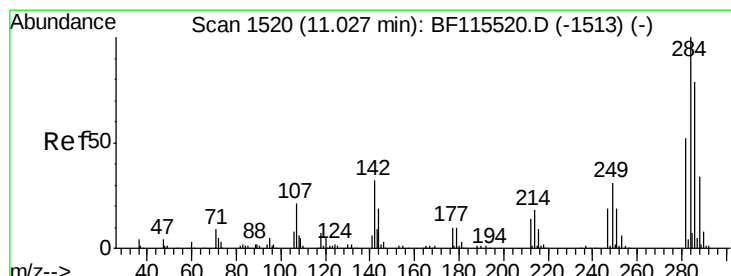
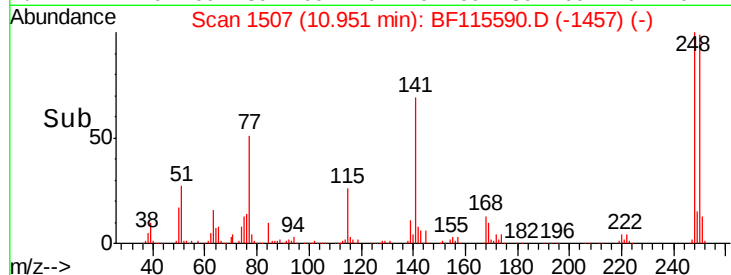
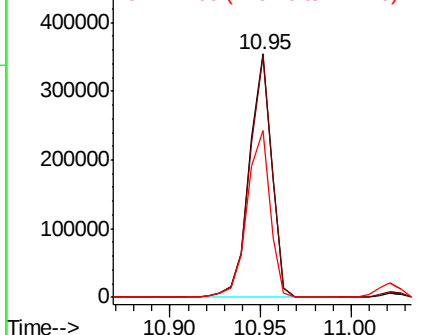
Tot Ion:	248	Resp:	303920
Ion Ratio	Lower	Upper	
248	100		
250	99.1	78.0	117.0
141	68.6	57.7	86.5

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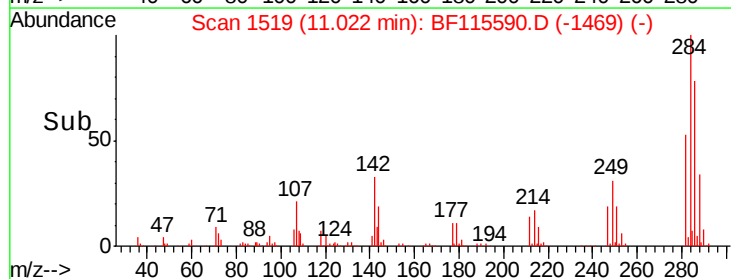
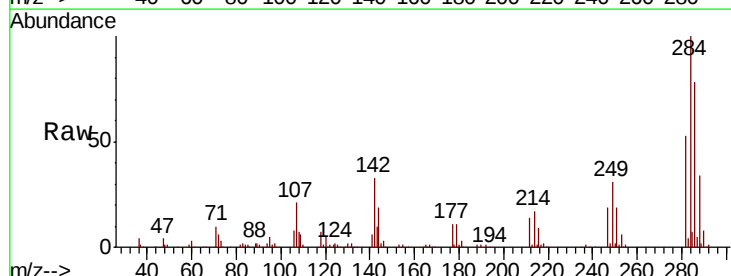
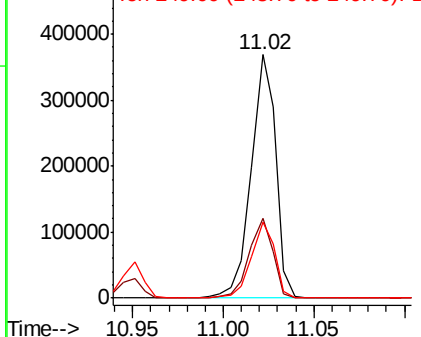
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

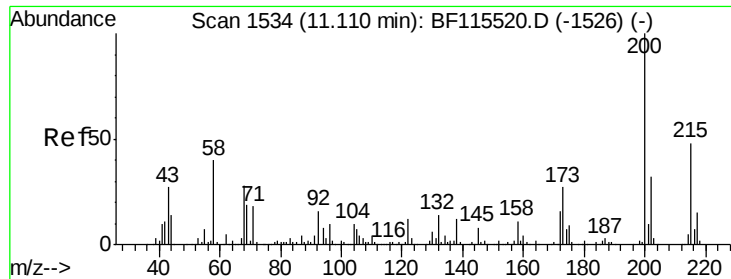


#68
 Hexachlorobenzene
 Concen: 37.404 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion:	284	Resp:	347036
Ion Ratio	Lower	Upper	
284	100		
142	32.7	22.2	33.2
249	31.2	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





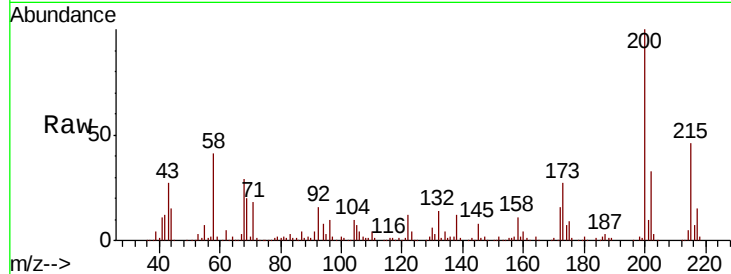
#69
Atrazine
Concen: 35.353 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

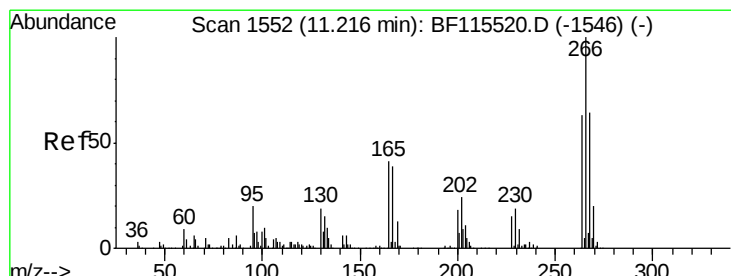
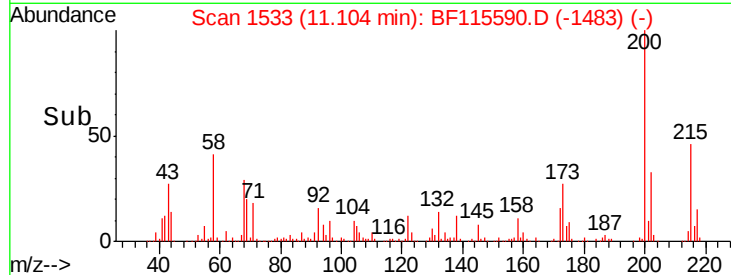
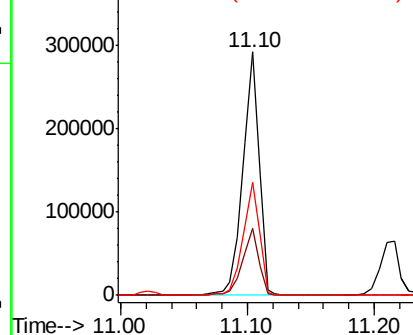
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	6.9	46.9
215	46.3	27.9	67.9

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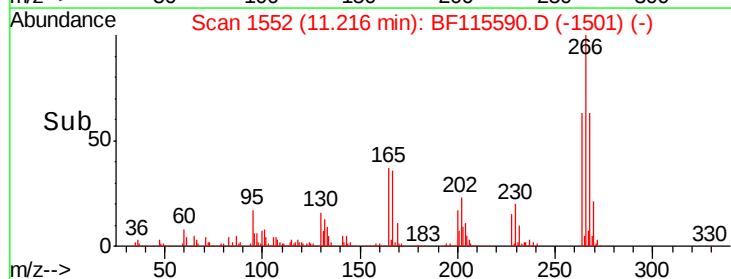
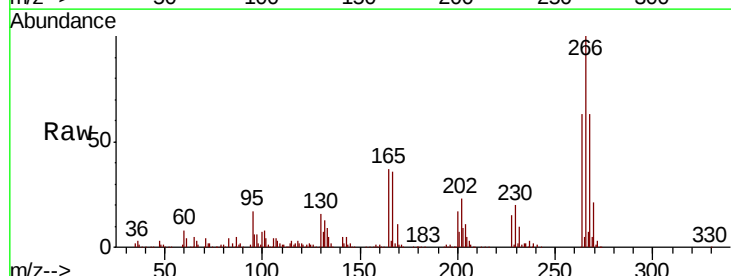
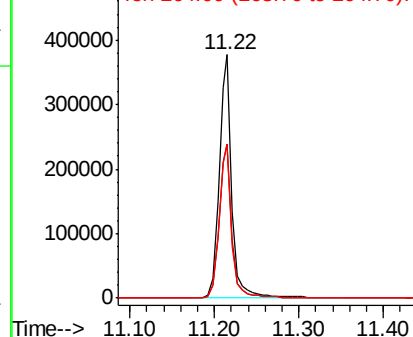
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

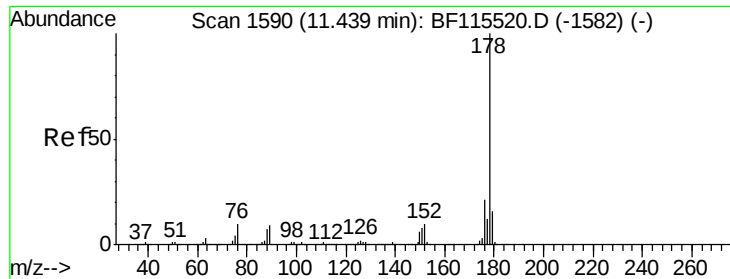


#70
Pentachlorophenol
Concen: 70.809 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.6	77.4
264	63.0	50.6	76.0

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





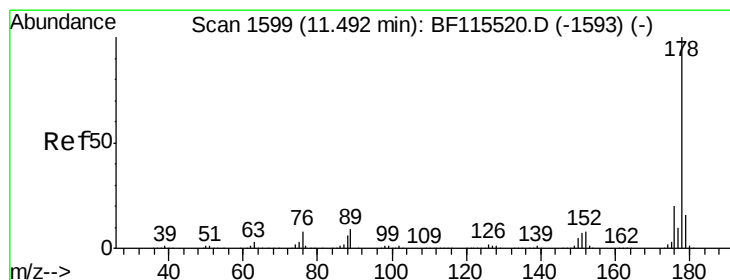
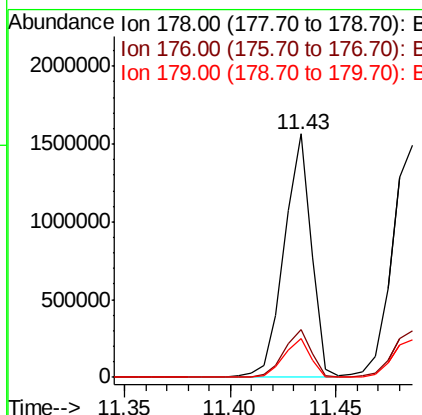
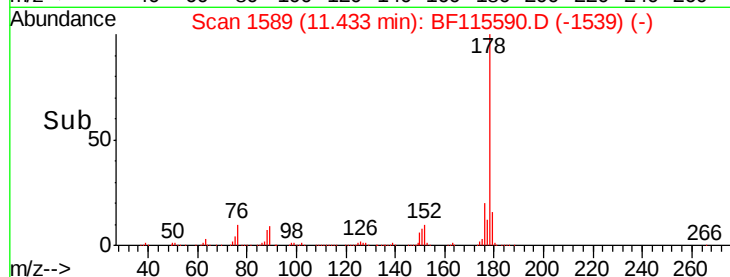
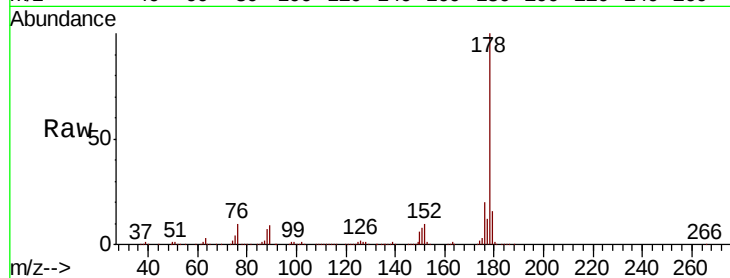
#71
Phenanthrene
Concen: 38.627 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:178 Resp: 1407637
Ion Ratio Lower Upper
178 100
176 19.8 17.2 25.8
179 15.9 13.5 20.3

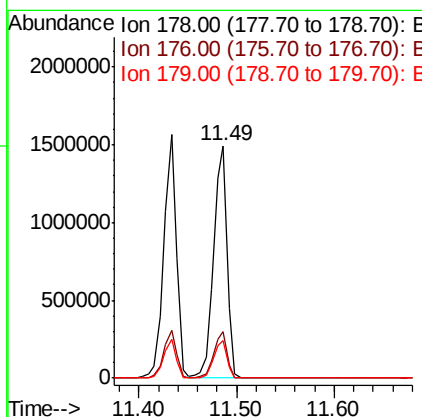
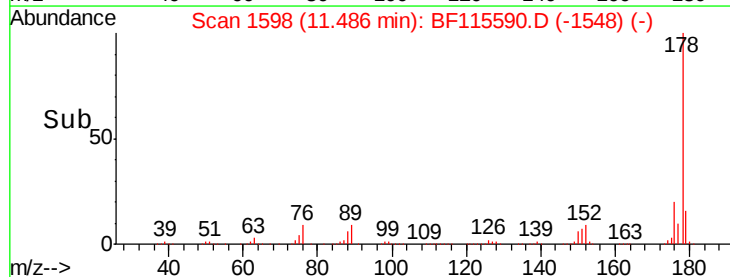
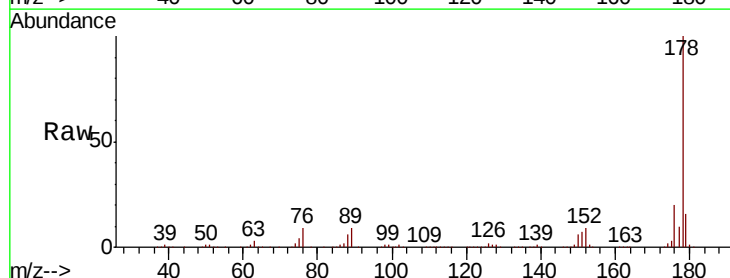
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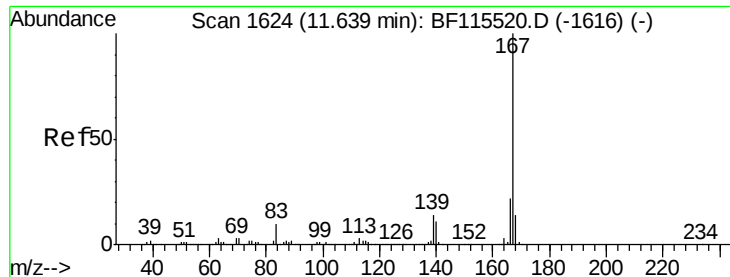
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#72
Anthracene
Concen: 37.789 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:178 Resp: 1423173
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.1 12.7 19.1





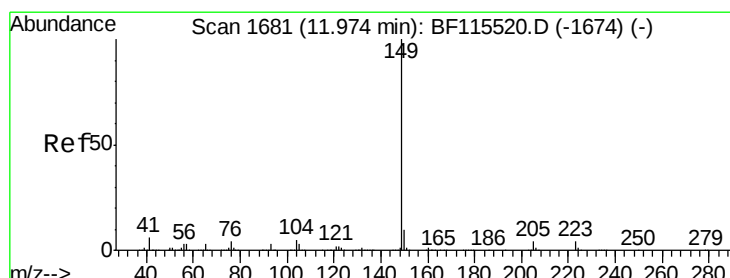
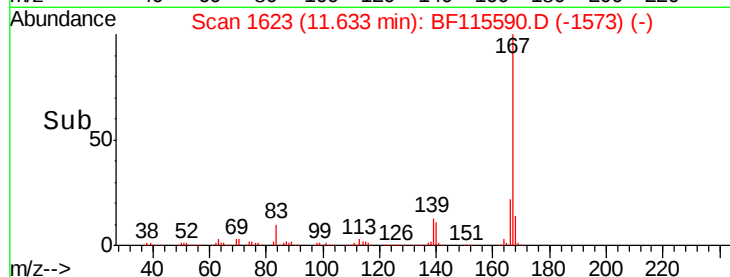
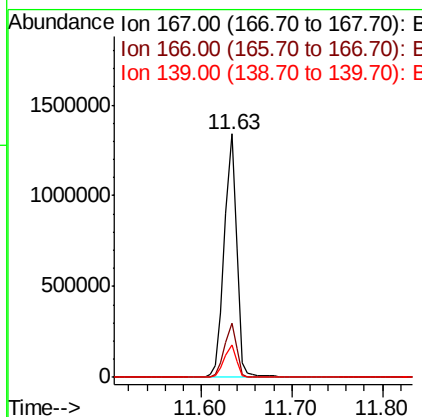
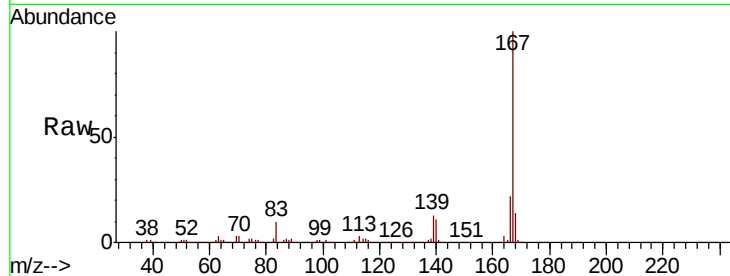
#73
 Carbazole
 Concen: 38.245 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.4	11.3	16.9

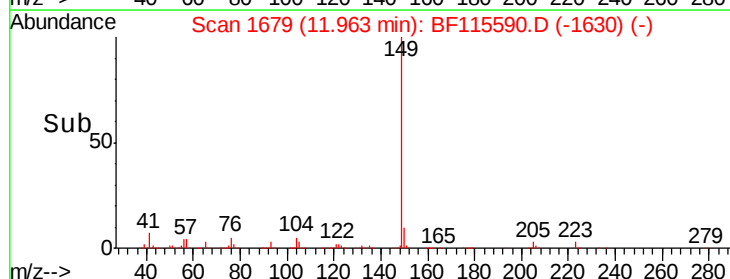
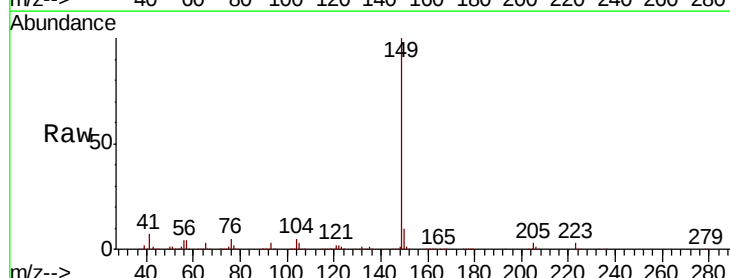
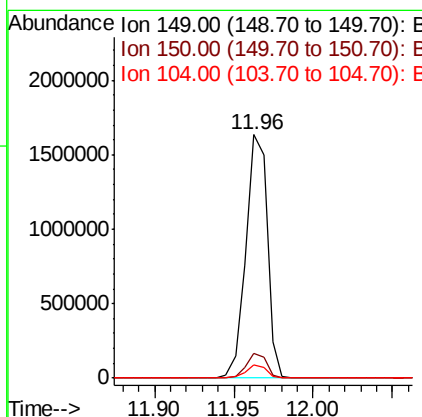
Manual Integrations
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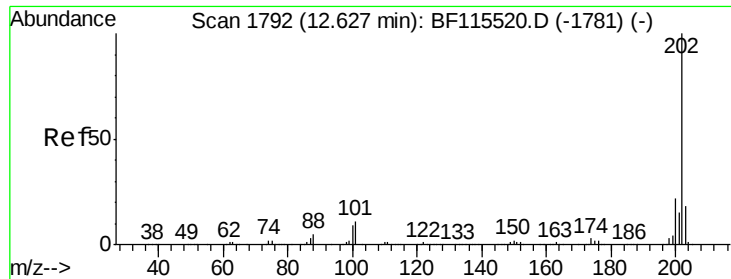
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#74
 Di-n-butylphthalate
 Concen: 37.587 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	3.8	5.8





#75

Fluoranthene

Concen: 37.958 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

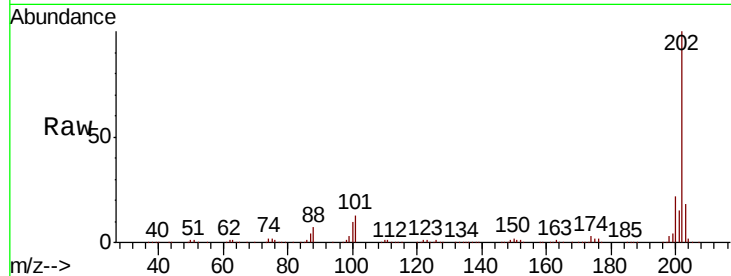
ClientSampleId :

PB121224BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.4
203	18.4	0.0	38.1

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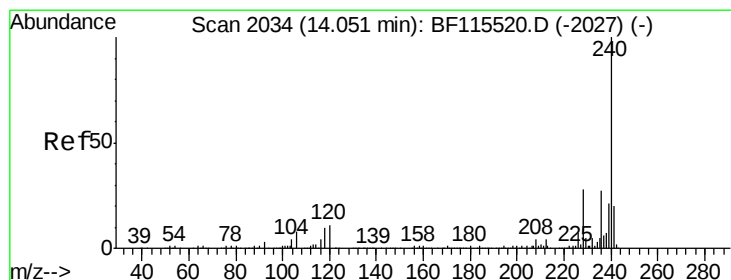
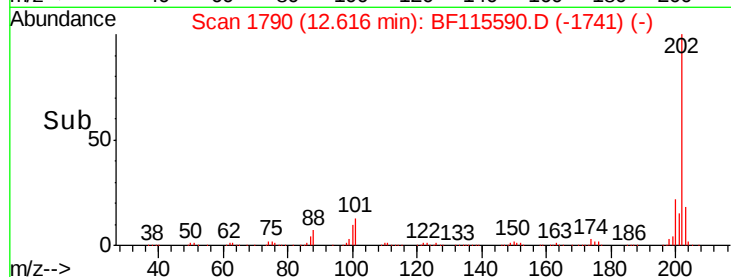
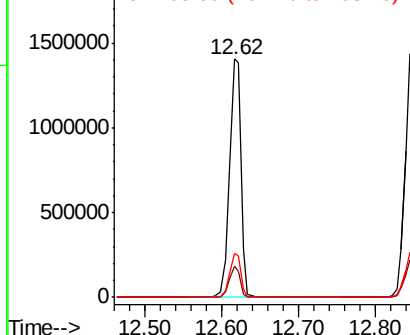


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

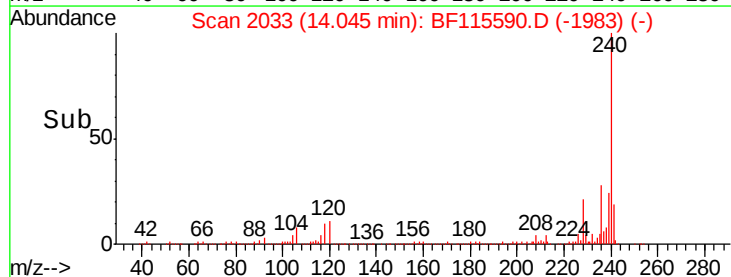
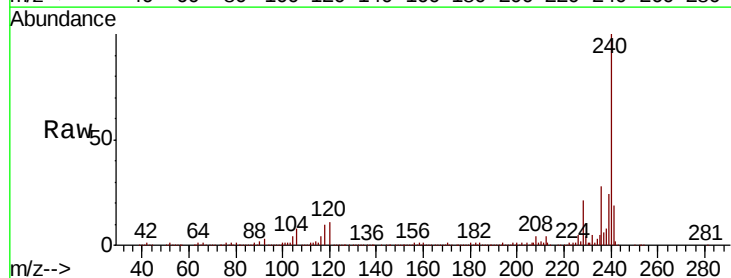
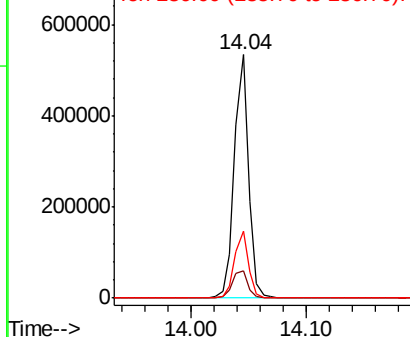
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	27.5	21.3	31.9

Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.557 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

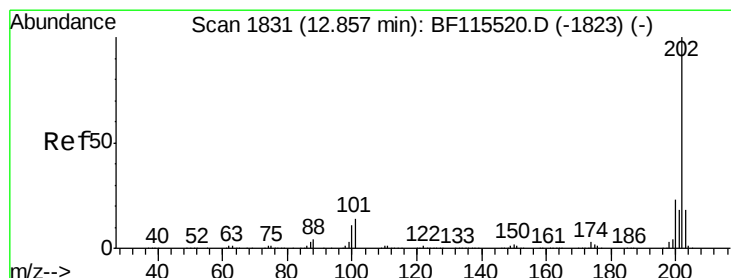
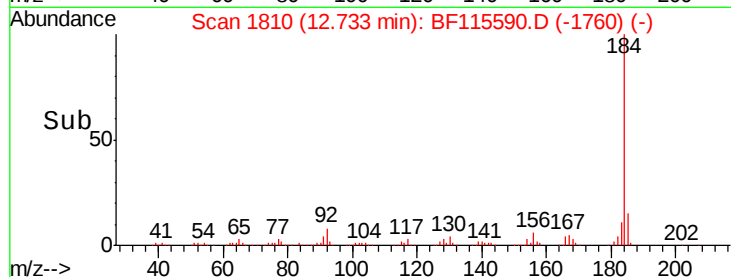
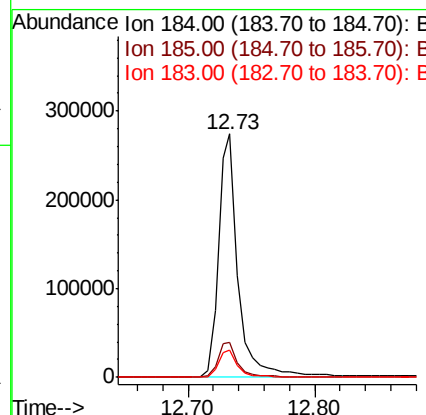
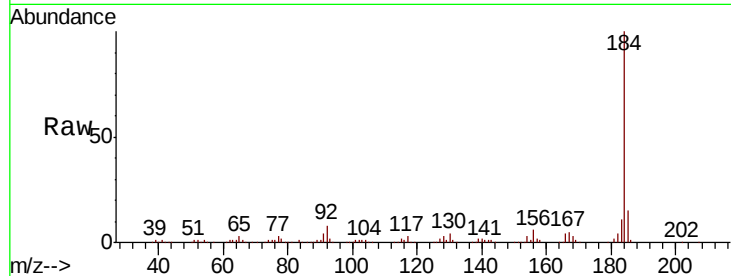
ClientSampleId :

PB121224BS

Tot Ion:	184	Resp:	299837
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.1	9.3	13.9

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#78

Pyrene

Concen: 37.750 ng

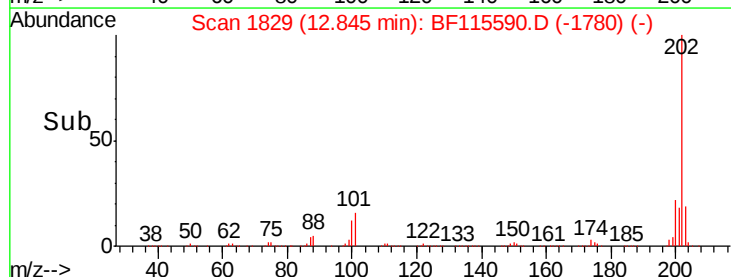
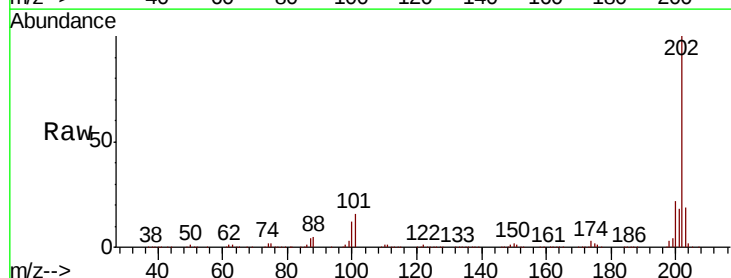
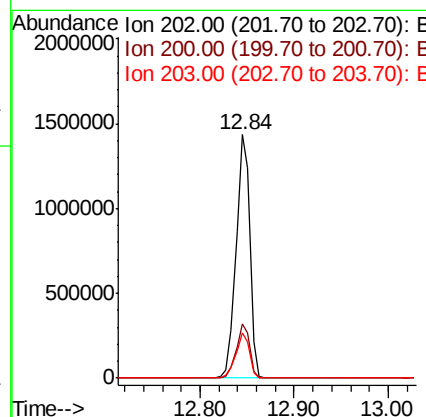
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:	202	Resp:	1458737
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.7	28.1
203	18.6	15.2	22.8





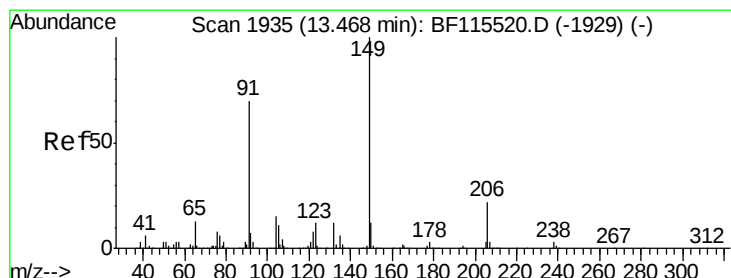
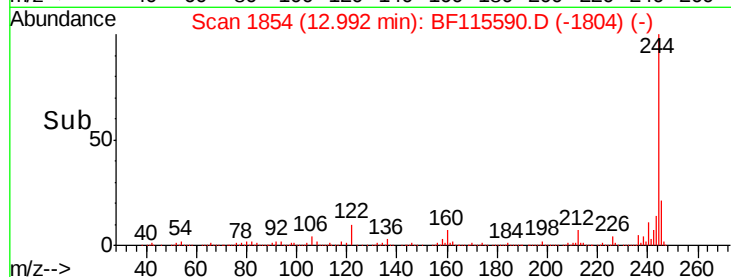
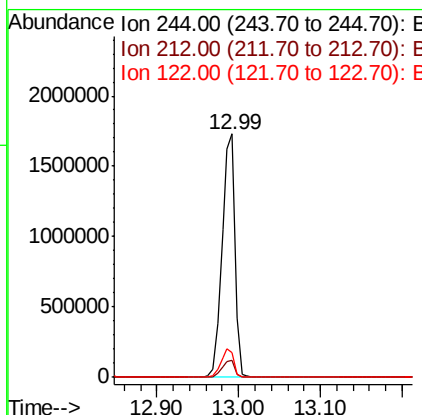
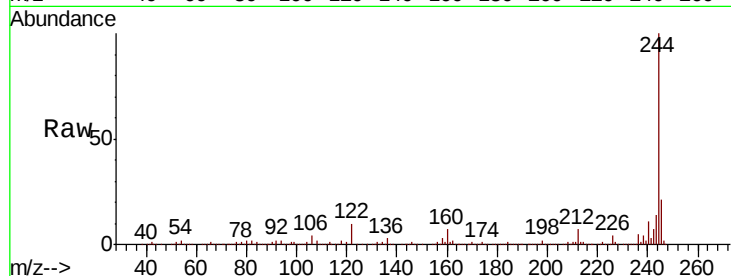
#79
 Terphenyl-d14
 Concen: 76.431 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.4	8.6	12.8

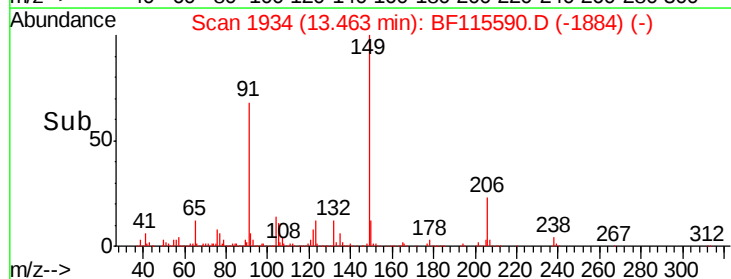
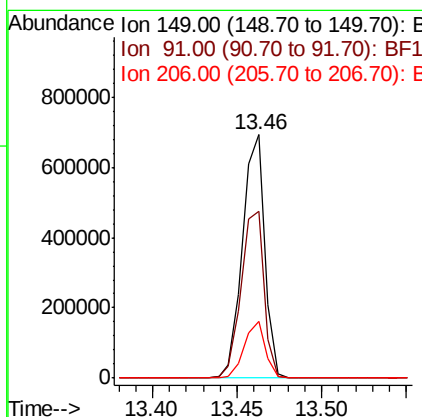
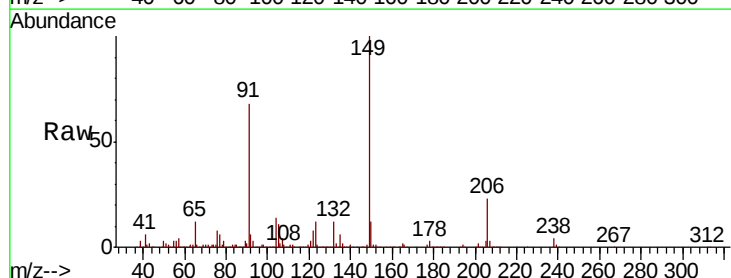
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 38.817 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	55.8	83.8
206	23.1	18.2	27.2





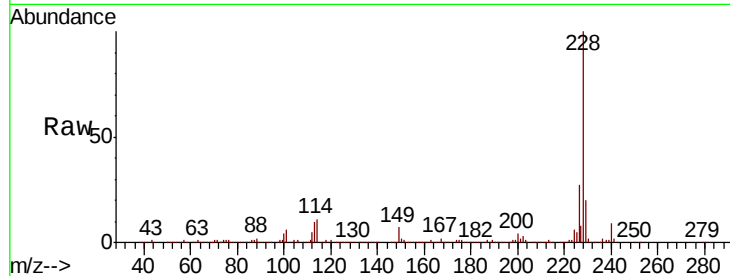
#81
Benzo(a)anthracene
Concen: 37.814 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.0
229	20.2	17.2	25.8

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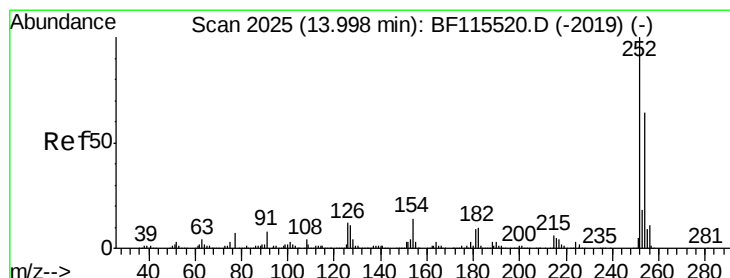
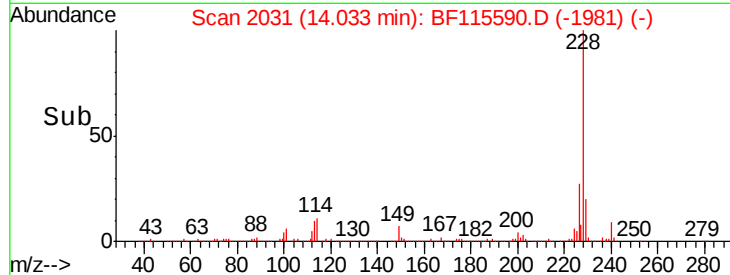
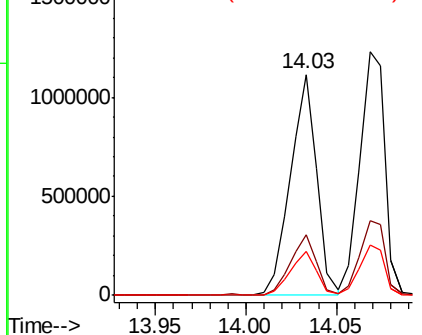


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.387 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

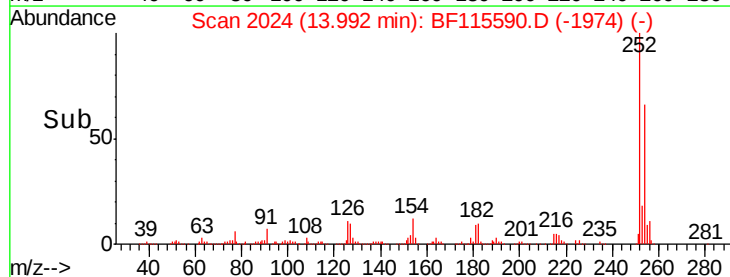
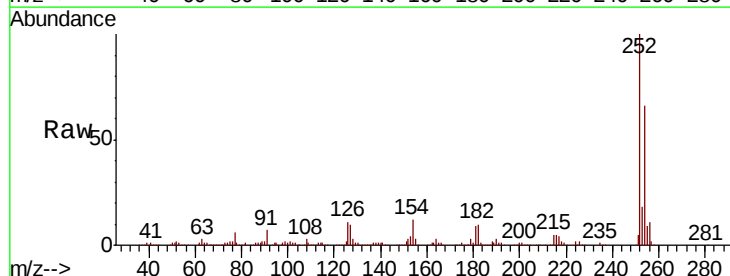
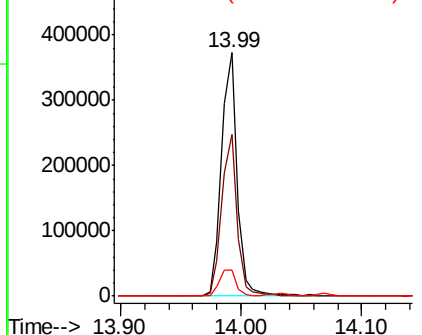
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.9	79.3
126	10.6	9.9	14.9

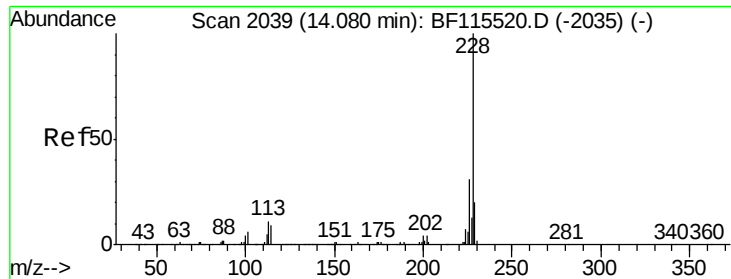
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.757 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

PB121224BS

Tot Ion:228 Resp: 1199221

Ion Ratio Lower Upper

228 100

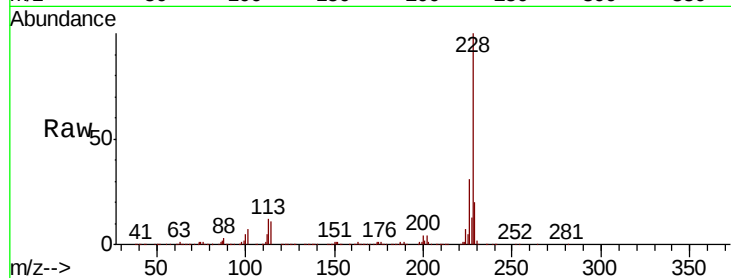
226 30.7 25.7 38.5

229 20.4 16.6 25.0

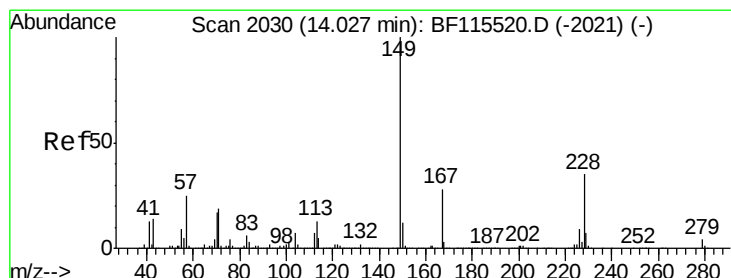
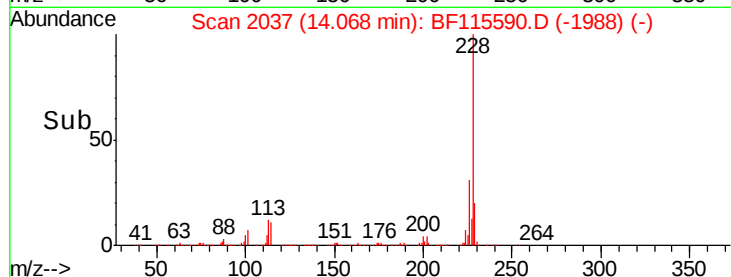
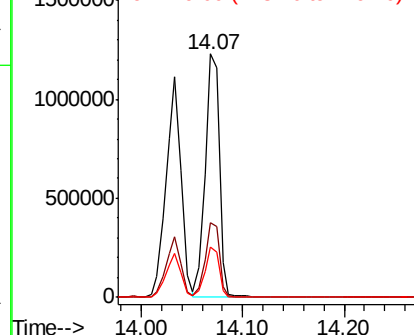
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.444 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

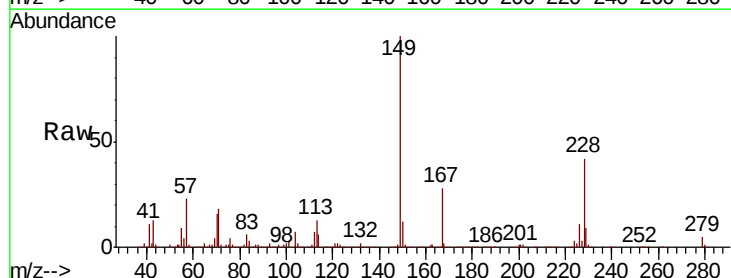
Tgt Ion:149 Resp: 845650

Ion Ratio Lower Upper

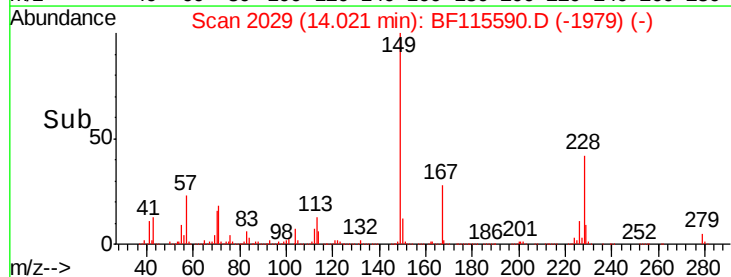
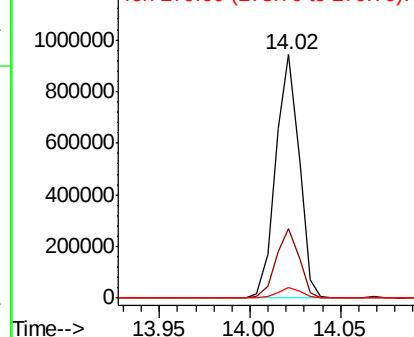
149 100

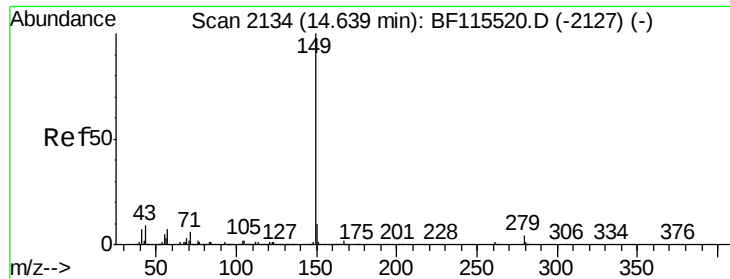
167 28.3 23.0 34.4

279 4.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.087 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

PB121224BS

Tot Ion:149 Resp: 1398873

Ion Ratio Lower Upper

149 100

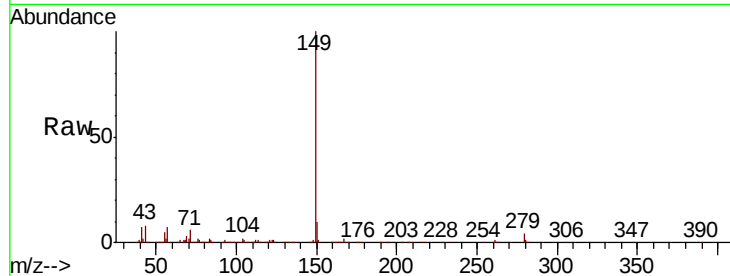
167 1.6 1.4 2.0

43 8.4 7.2 10.8

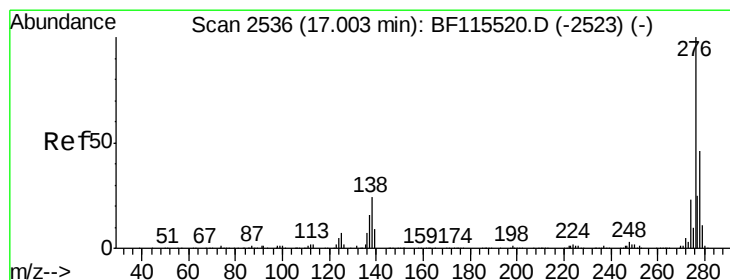
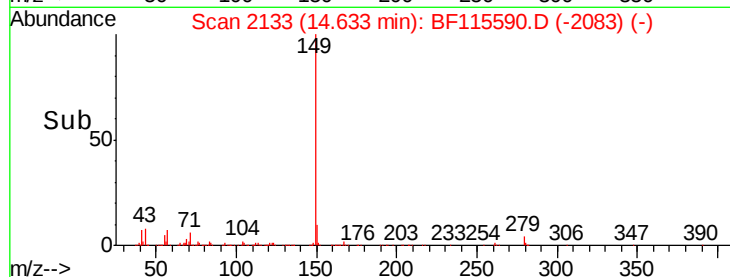
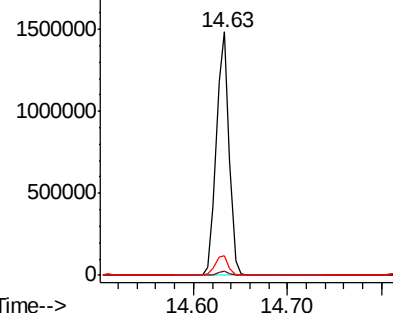
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.626 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

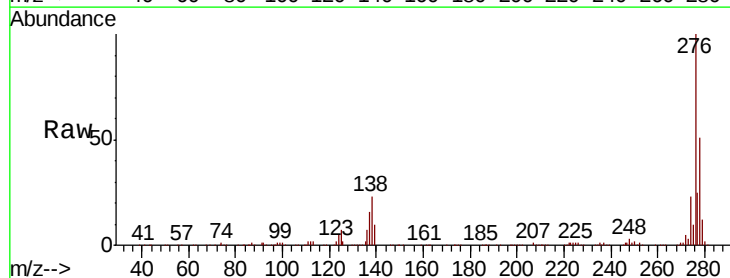
Tgt Ion:276 Resp: 938607

Ion Ratio Lower Upper

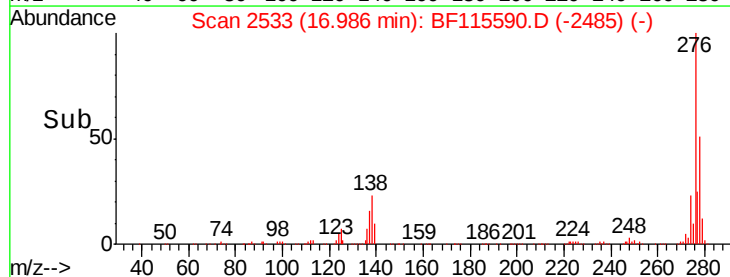
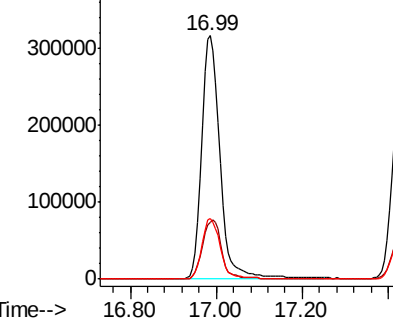
276 100

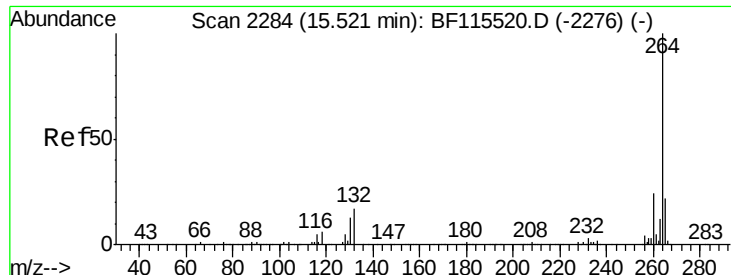
138 24.9 20.2 30.2

277 24.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
400000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





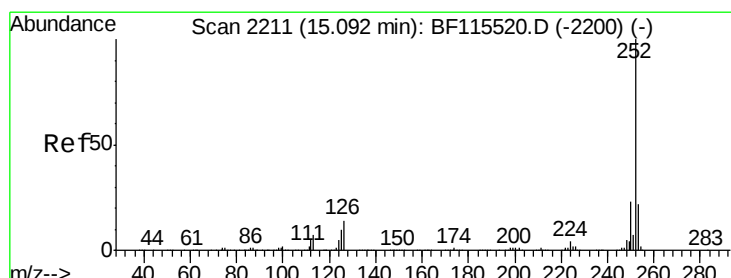
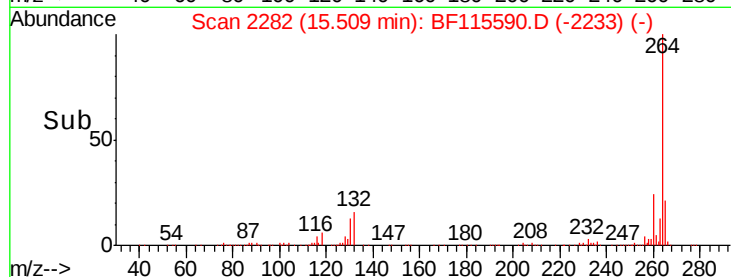
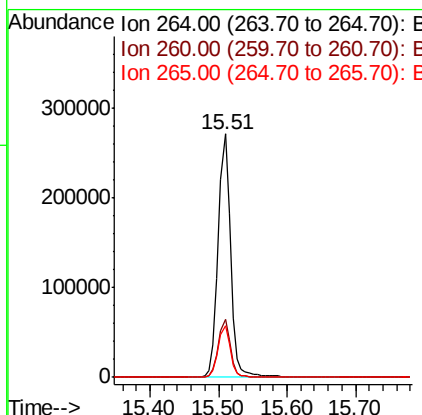
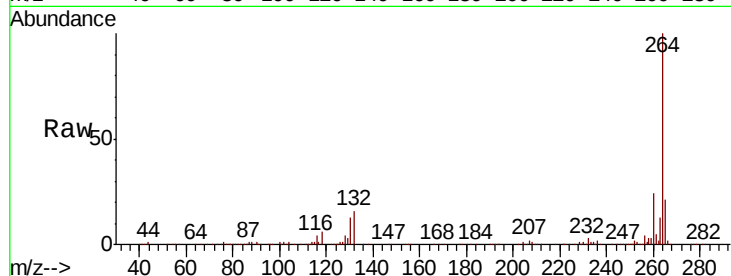
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.2	17.7	26.5

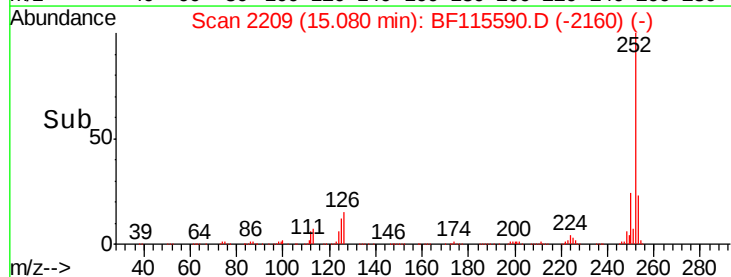
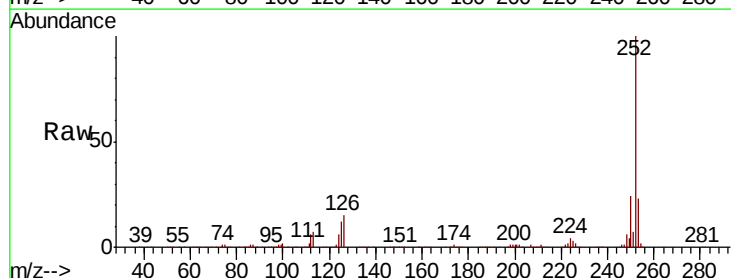
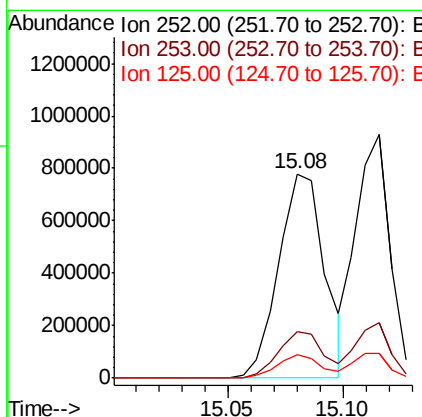
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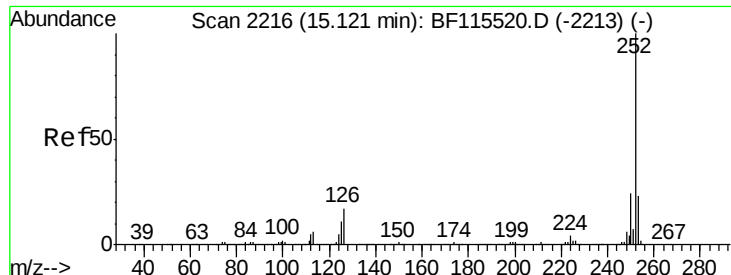
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#88
Benzo(b)fluoranthene
Concen: 49.329 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.5	9.0	13.4





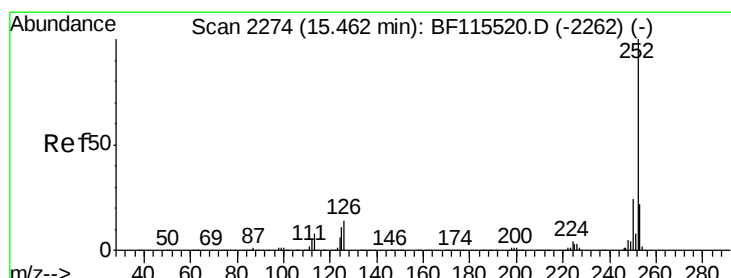
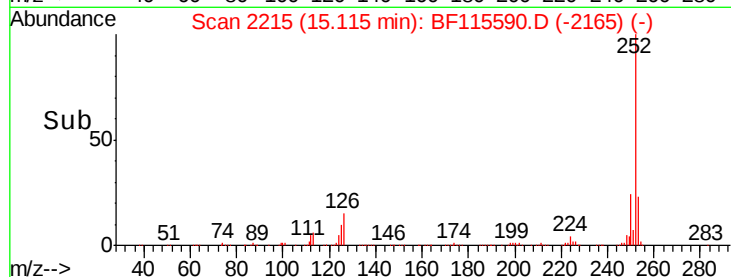
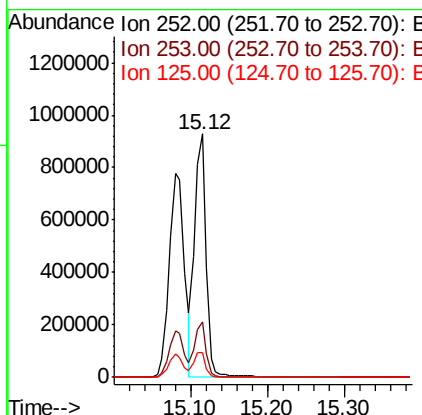
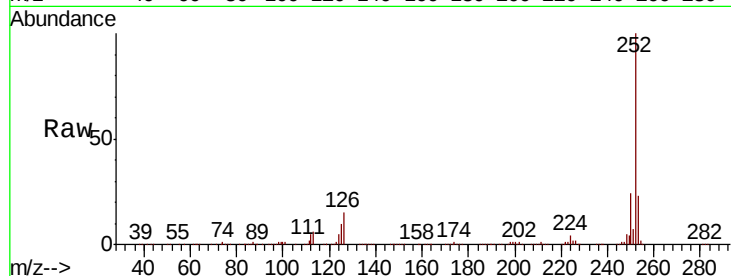
#89
Benzo(k)fluoranthene
Concen: 50.401 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.4	9.0	13.6

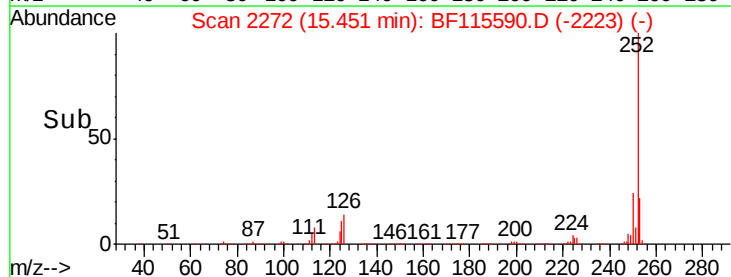
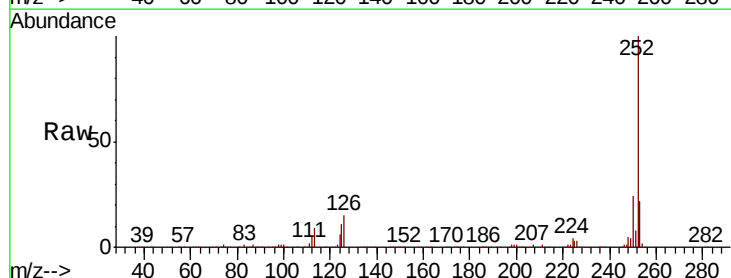
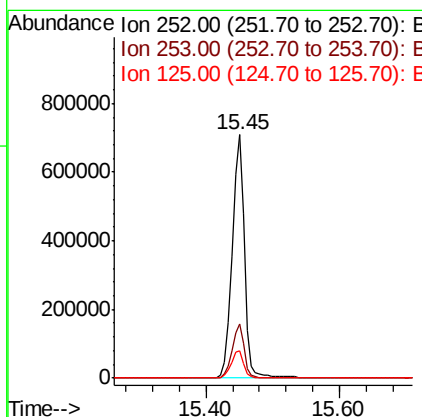
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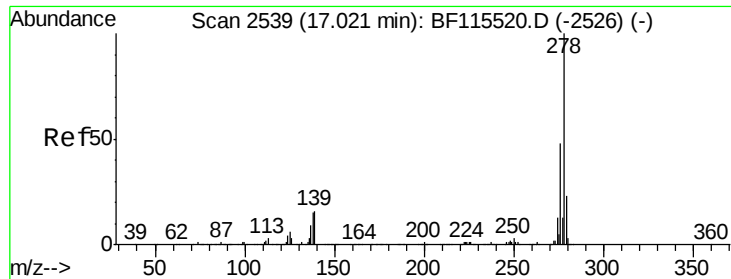
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#90
Benzo(a)pyrene
Concen: 48.872 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.2	9.1	13.7





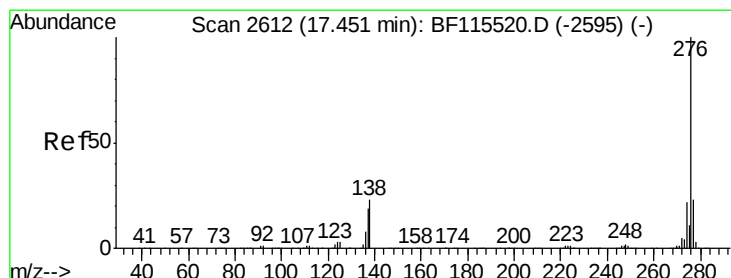
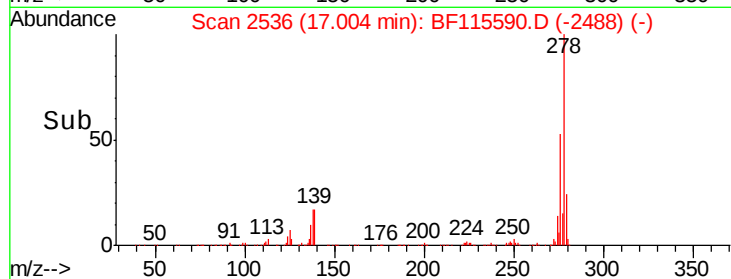
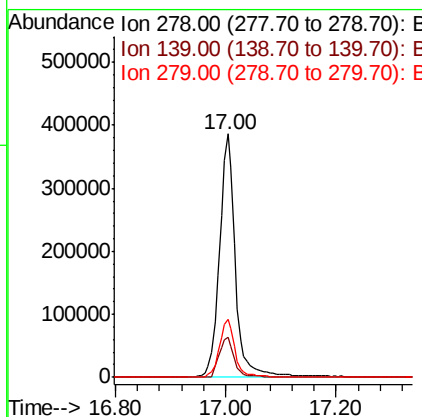
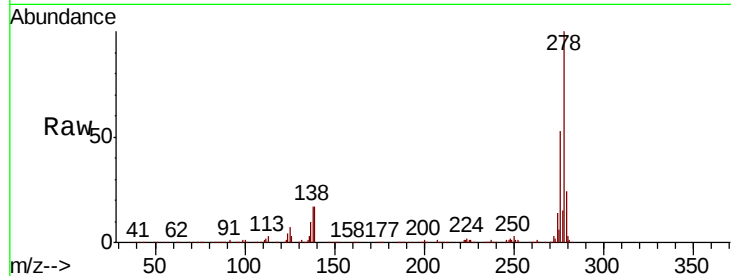
#91
Dibenzo(a,h)anthracene
Concen: 47.596 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	23.7	19.6	29.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.706 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.9	17.2	25.8

