

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115642.D
 Acq On : 18 Jul 2019 9:03
 Operator : HP/JU
 Sample : PB121459BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Manual Integrations
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mohammad
 7/19/2019 3:58:14 PM

Quant Time: Jul 18 17:02:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192464	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	799506	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	425425	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	788719	20.00	ng	0.00
76) Chrysene-d12	14.04	240	451661	20.00	ng	0.00
87) Perylene-d12	15.50	264	340993	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1207876	102.65	ng	0.02
7) Phenol-d6	6.52	99	1615356	108.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	989422	71.96	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	485657	97.80	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1826326	75.14	ng	0.00
79) Terphenyl-d14	12.99	244	1912666	78.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	174766	29.776	ng	98
3) Pyridine	3.54	79	442661	27.798	ng	99
4) n-Nitrosodimethylamine	3.48	42	199191	34.481	ng	98
6) Aniline	6.55	93	499492	24.040	ng	98
8) 2-Chlorophenol	6.67	128	501656	37.083	ng	100
9) Benzaldehyde	6.43	77	46749	5.011	ng	98
10) Phenol	6.53	94	622717	35.929	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	489635	37.106	ng	99
12) 1,3-Dichlorobenzene	6.83	146	500990	32.938	ng	99
13) 1,4-Dichlorobenzene	6.90	146	492105	32.427	ng	97
14) 1,2-Dichlorobenzene	7.06	146	486377	35.060	ng	98
15) Benzyl Alcohol	7.03	79	446643	37.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	636418	36.633	ng	98
17) 2-Methylphenol	7.14	107	440998	37.827	ng	99
18) Hexachloroethane	7.40	117	189499	33.642	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	352477	36.199	ng	96
20) 3+4-Methylphenols	7.29	107	507085	36.618	ng	# 90
22) Acetophenone	7.29	105	687650	38.072	ng	# 99
24) Nitrobenzene	7.46	77	542284	36.566	ng	95
25) Isophorone	7.70	82	959236	34.864	ng	99
26) 2-Nitrophenol	7.78	139	284419	37.260	ng	98
27) 2,4-Dimethylphenol	7.82	122	498054	43.607	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	625899	37.081	ng	99
29) 2,4-Dichlorophenol	8.03	162	447206	37.649	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	472019	35.155	ng	98
31) Naphthalene	8.19	128	1429877	36.928	ng	97
32) Benzoic acid	7.95	122	330743	35.286	ng	99
33) 4-Chloroaniline	8.23	127	420016	24.489	ng	97
34) Hexachlorobutadiene	8.31	225	267145	34.695	ng	100
35) Caprolactam	8.60	113	140144m	38.181	ng	
36) 4-Chloro-3-methylphenol	8.72	107	474638	38.521	ng	99
37) 2-Methylnaphthalene	8.88	142	975139	37.993	ng	97
38) 1-Methylnaphthalene	8.98	142	909376	37.302	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	459524	35.869	ng	97

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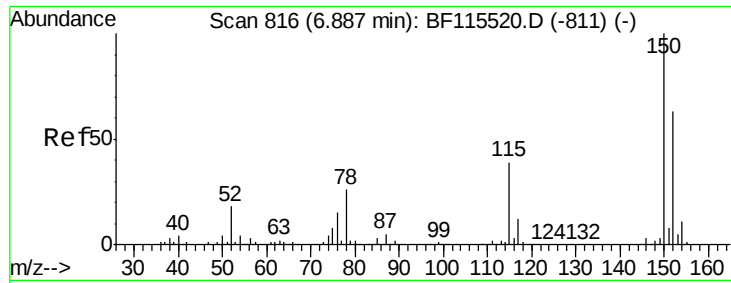
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Quant Time: Jul 18 17:02:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	347690	47.577	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	313705	33.485	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	338468	35.277	ng	98
46) 1,1'-Biphenyl	9.35	154	1205936	36.259	ng	98
47) 2-Chloronaphthalene	9.37	162	940930	33.977	ng	98
48) 2-Nitroaniline	9.46	65	289466	33.771	ng	99
49) Acenaphthylene	9.79	152	1430200	34.853	ng	98
50) Dimethylphthalate	9.64	163	1120262	35.000	ng	99
51) 2,6-Dinitrotoluene	9.70	165	261193	35.908	ng	96
52) Acenaphthene	9.96	154	1038745	39.209	ng	99
53) 3-Nitroaniline	9.87	138	208206	25.048	ng	100
54) 2,4-Dinitrophenol	9.98	184	270794	72.510	ng	97
55) Dibenzofuran	10.13	168	1313721	34.918	ng	100
56) 4-Nitrophenol	10.03	139	407612	64.306	ng	96
57) 2,4-Dinitrotoluene	10.10	165	347618	36.887	ng	98
58) Fluorene	10.47	166	939463	34.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	290479	36.217	ng	99
60) Diethylphthalate	10.34	149	1051136	35.050	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	501001	33.590	ng	96
62) 4-Nitroaniline	10.49	138	244574	30.674	ng	96
63) Azobenzene	10.62	77	996852	34.269	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	172537	35.805	ng	96
66) n-Nitrosodiphenylamine	10.57	169	847026	34.524	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	316368	35.101	ng	96
68) Hexachlorobenzene	11.02	284	333155	32.367	ng	95
69) Atrazine	11.10	200	250221	31.089	ng	99
70) Pentachlorophenol	11.22	266	387649	61.576	ng	99
71) Phenanthrene	11.43	178	1430365	35.380	ng	98
72) Anthracene	11.48	178	1448588	34.670	ng	99
73) Carbazole	11.63	167	1281061	34.964	ng	99
74) Di-n-butylphthalate	11.96	149	1549653	34.336	ng	100
75) Fluoranthene	12.62	202	1501218	35.139	ng	97
77) Benzidine	12.73	184	285902	17.869	ng	99
78) Pyrene	12.84	202	1515184	39.596	ng	99
80) Butylbenzylphthalate	13.46	149	686833	42.104	ng	100
81) Benzo(a)anthracene	14.03	228	1065846	35.820	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	325175	30.741	ng	99
83) Chrysene	14.07	228	1083243	36.265	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	818444	40.504	ng	98
85) Di-n-octyl phthalate	14.63	149	1311215	40.784	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	941059	37.083	ng	99
88) Benzo(b)fluoranthene	15.08	252	975108	44.410	ng	99
89) Benzo(k)fluoranthene	15.11	252	954618	48.765	ng	99
90) Benzo(a)pyrene	15.44	252	896168	47.487	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	789326	47.642	ng	99
92) Benzo(g,h,i)perylene	17.43	276	831995	50.353	ng	99

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



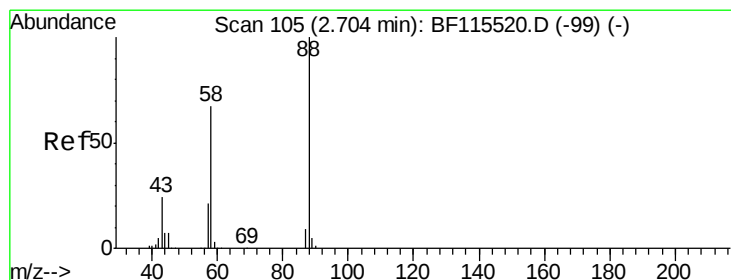
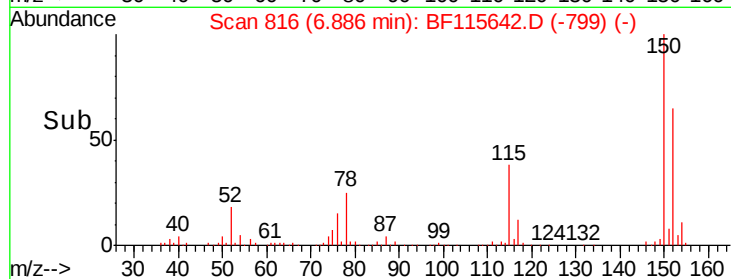
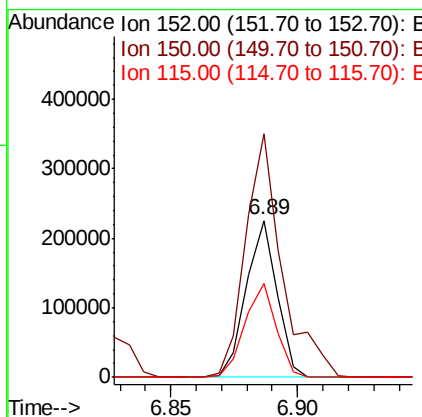
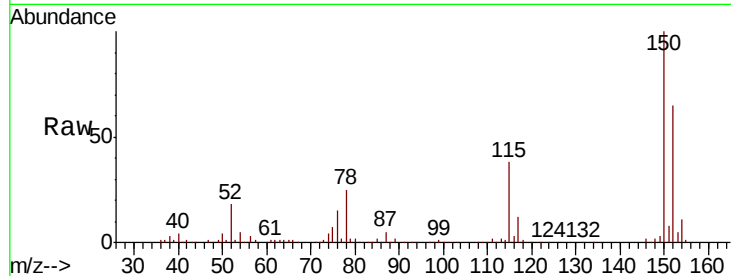
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	129.7	194.5
115	59.5	48.2	72.4

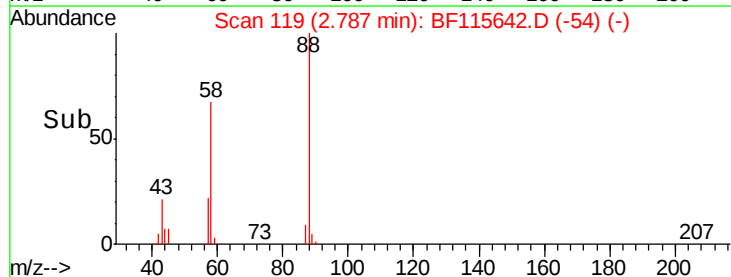
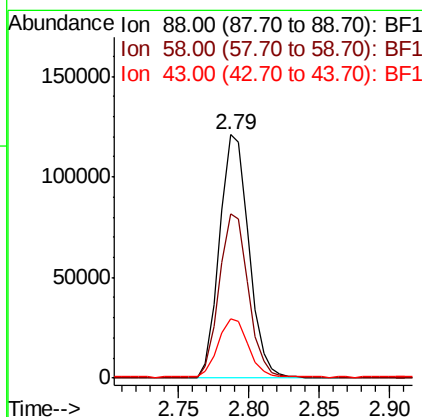
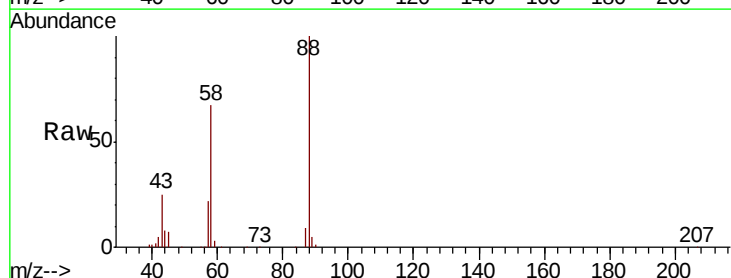
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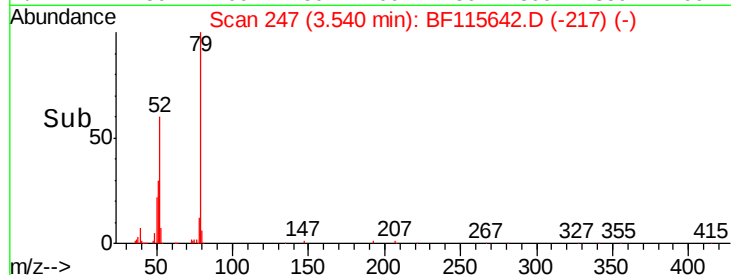
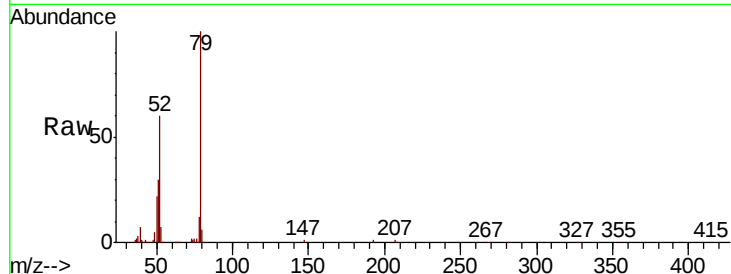
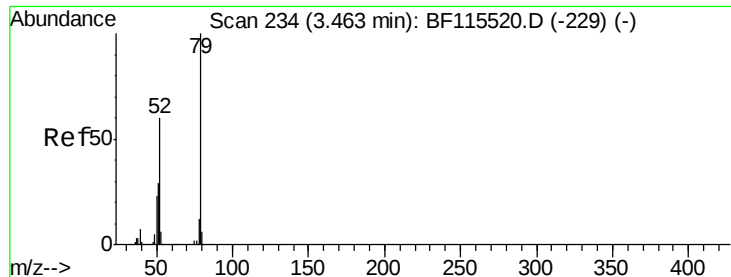
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#2
 1,4-Dioxane
 Concen: 29.776 ng
 RT: 2.79 min Scan# 119
 Delta R.T. 0.08 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	52.6	79.0
43	24.5	19.1	28.7





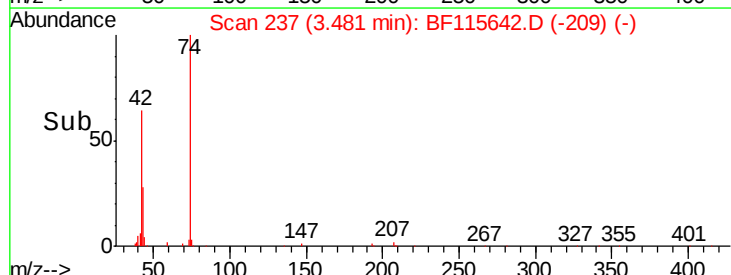
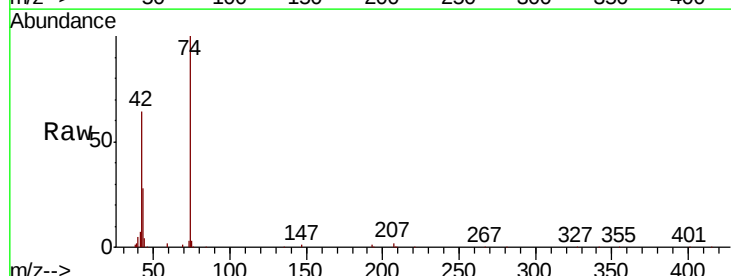
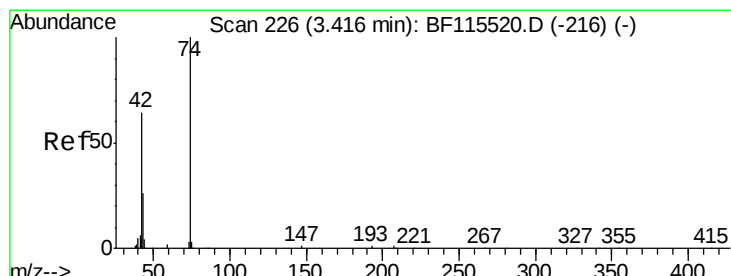
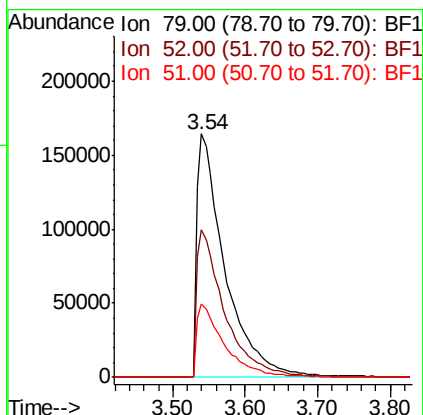
#3
Pvridine
Concen: 27.798 ng
RT: 3.54 min Scan# 247
Delta R.T. 0.08 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.4	47.8	71.6
51	29.9	23.8	35.8

Instrument :
BNA_F
ClientSampleId :
PB121459BS

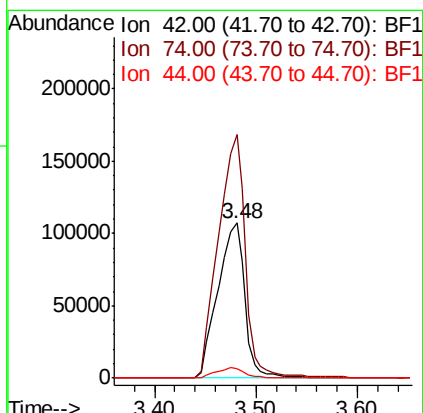
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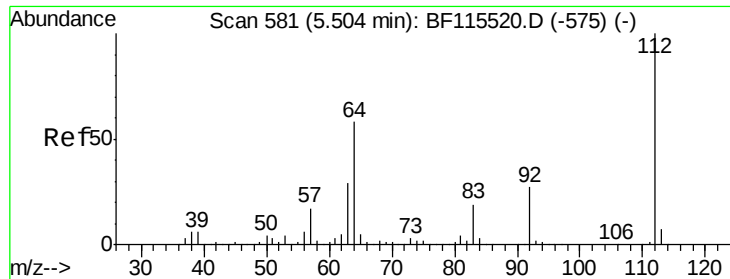
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#4
n-Nitrosodimethylamine
Concen: 34.481 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.06 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.9	127.5	191.3
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 102.655 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampled :

PB121459BS

Tot Ion: 112 Resp: 1207876

Ion Ratio Lower Upper

112 100

64 54.1 46.8 70.2

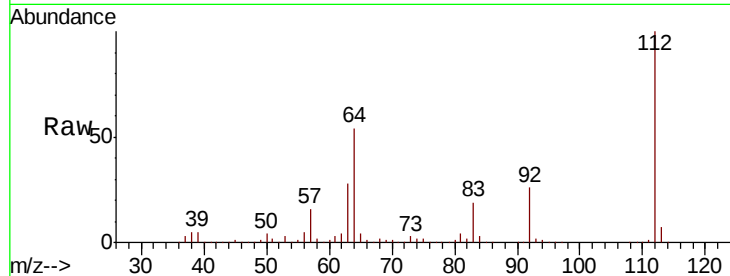
63 27.7 24.1 36.1

Manual Integrations

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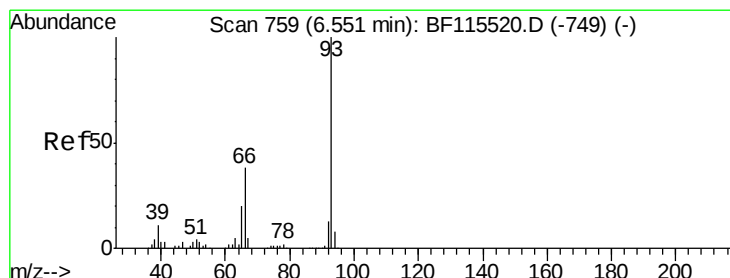
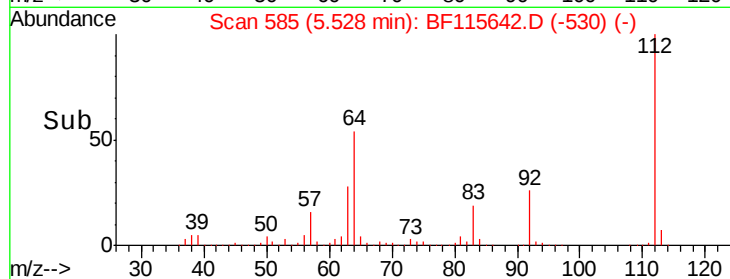
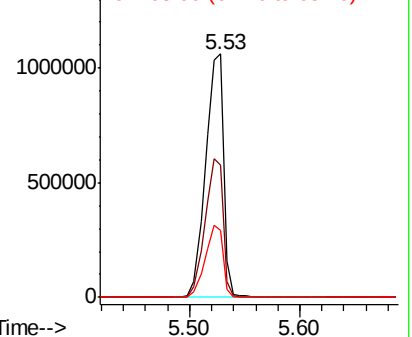
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Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)



#6

Aniline

Concen: 24.040 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

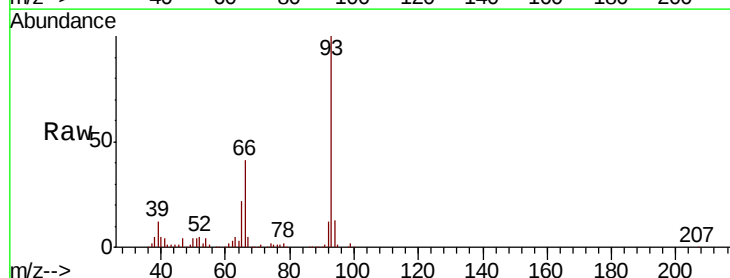
Tgt Ion: 93 Resp: 499492

Ion Ratio Lower Upper

93 100

66 40.6 31.7 47.5

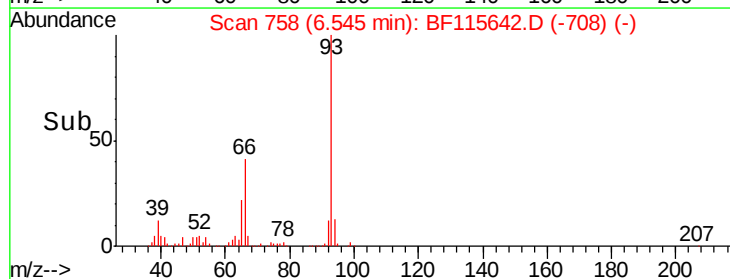
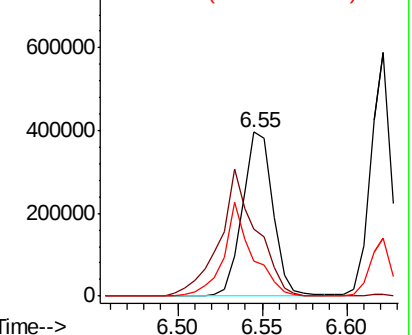
65 21.5 16.2 24.2

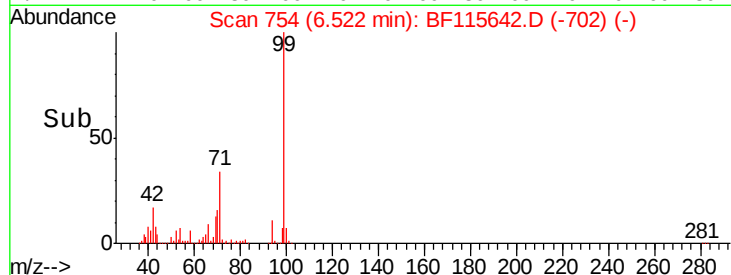
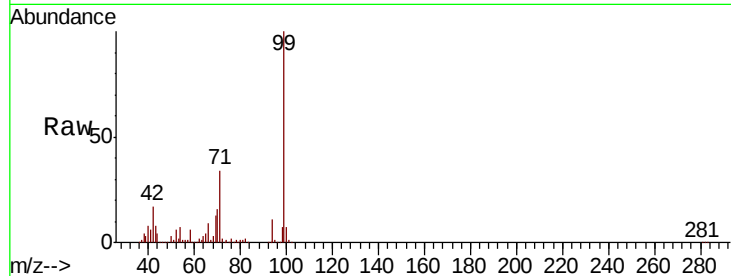
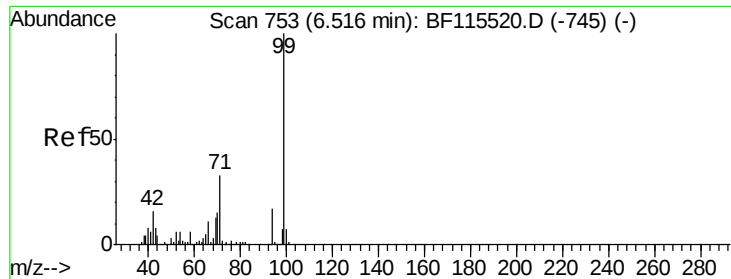


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)





#7

Phenol-d6

Concen: 108.194 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tot Ion: 99 Resp: 1615356

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 34.2 28.5 42.7

Instrument :

BNA_F

ClientSampleId :

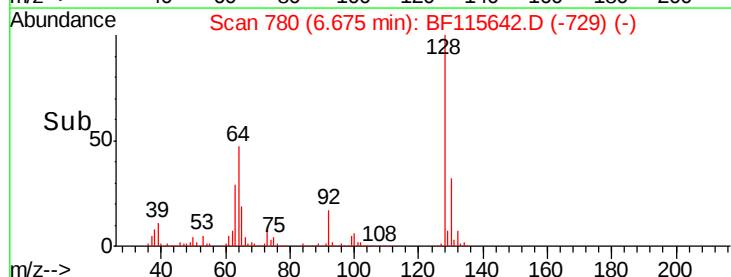
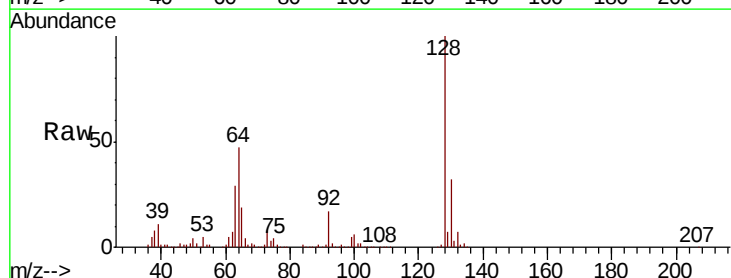
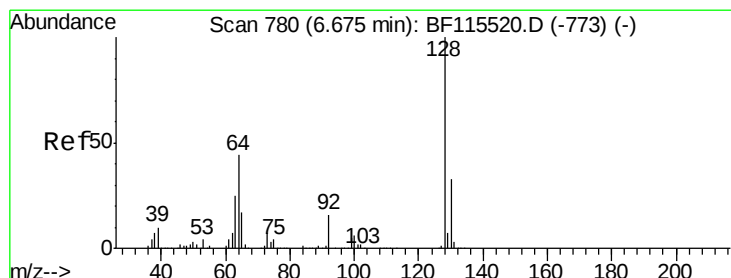
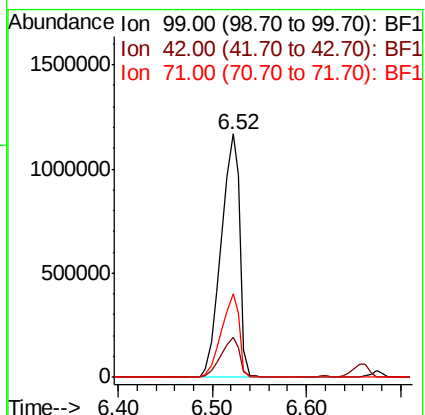
PB121459BS

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#8

2-Chlorophenol

Concen: 37.083 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

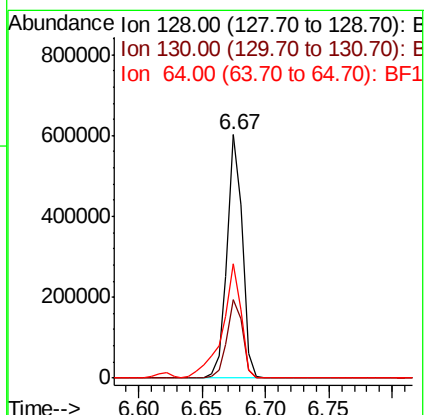
Tgt Ion:128 Resp: 501656

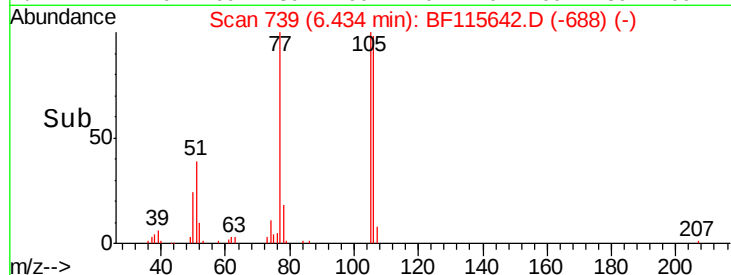
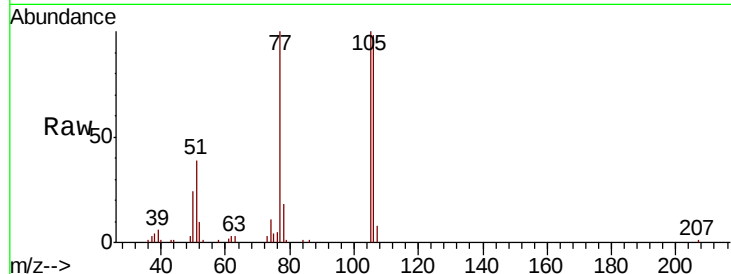
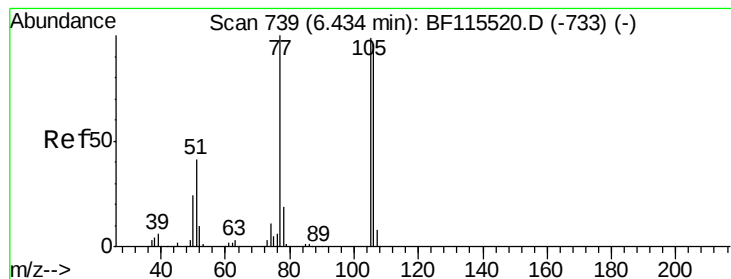
Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 46.9 26.8 66.8





#9

Benzaldehyde

Concen: 5.011 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tot Ion:	77	Resp:	46749
Ion	Ratio	Lower	Upper
77	100		
105	100.4	78.8	118.8
106	98.3	75.6	115.6

Instrument :

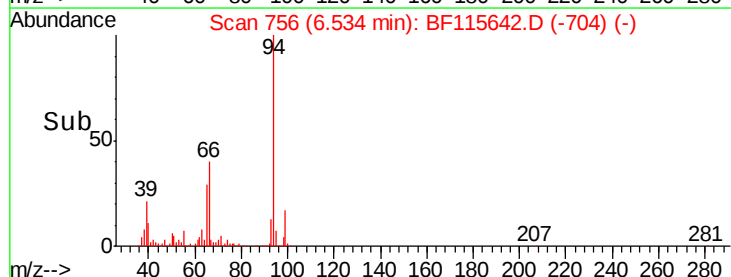
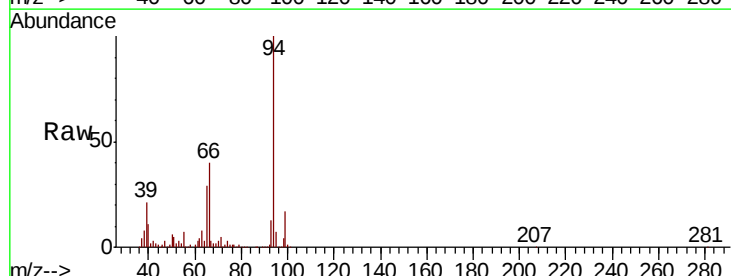
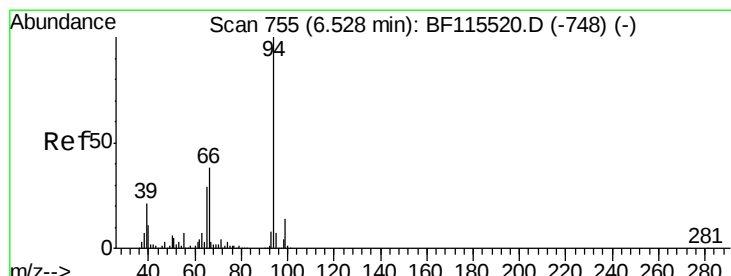
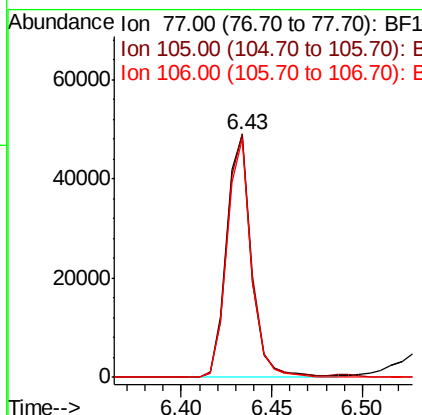
BNA_F

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#10

Phenol

Concen: 35.929 ng

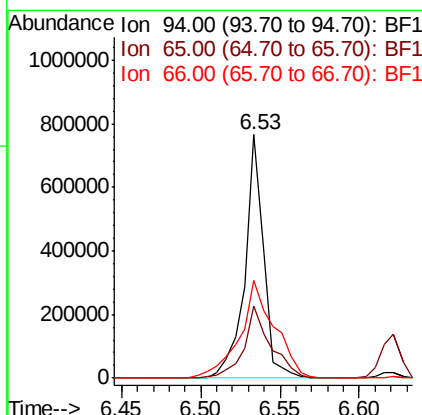
RT: 6.53 min Scan# 756

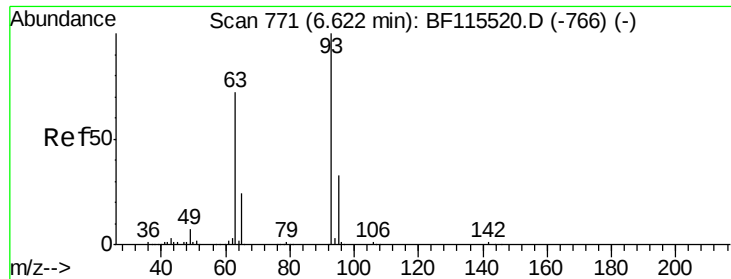
Delta R.T. 0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	94	Resp:	622717
Ion	Ratio	Lower	Upper
94	100		
65	29.5	14.5	54.5
66	40.1	31.3	71.3





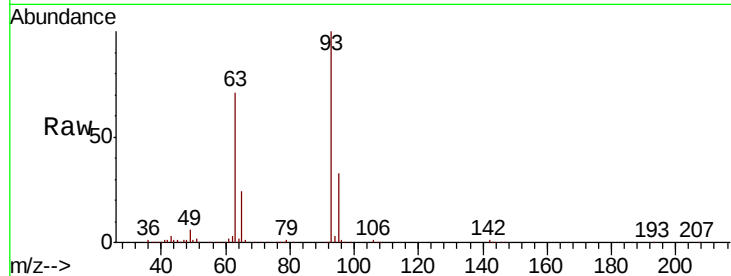
#11
bis(2-Chloroethyl)ether
Concen: 37.106 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	71.1	52.2	92.2
95	33.0	12.9	52.9

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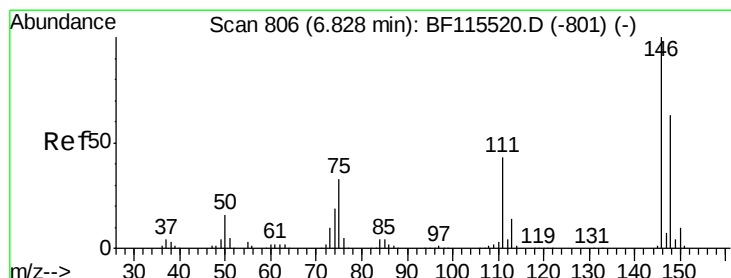
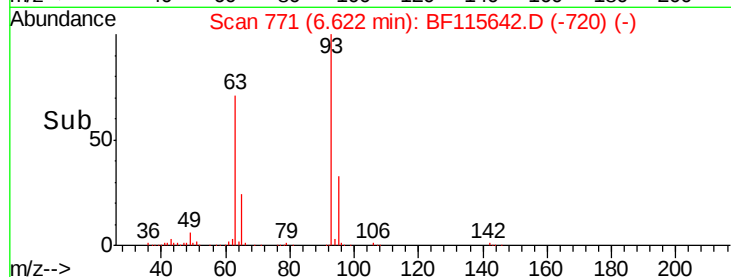
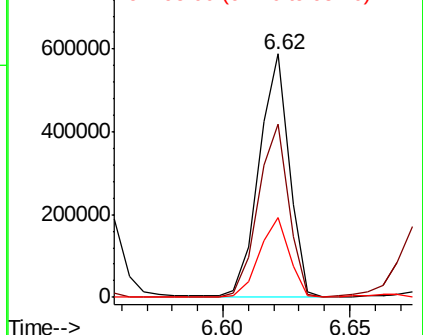


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 32.938 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

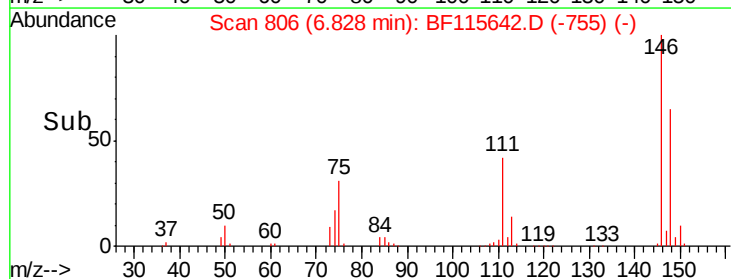
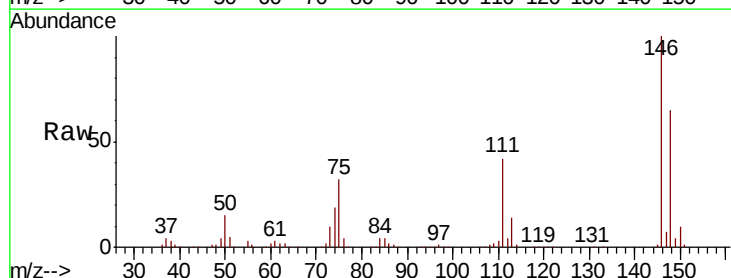
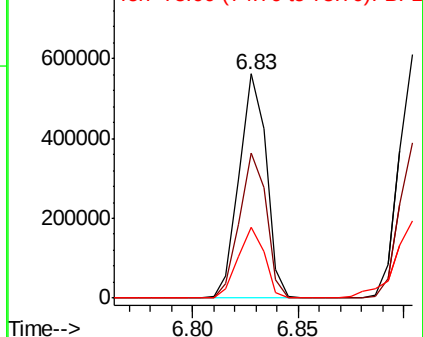
Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.6	52.1	78.1
75	31.7	24.9	37.3

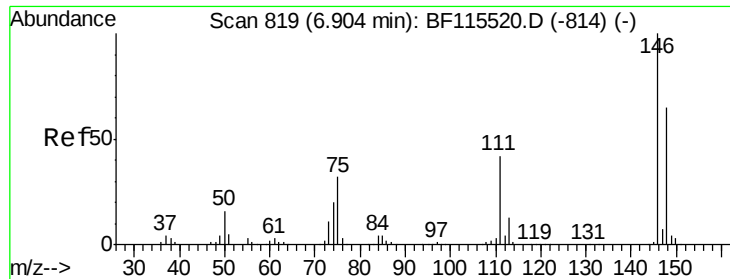
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





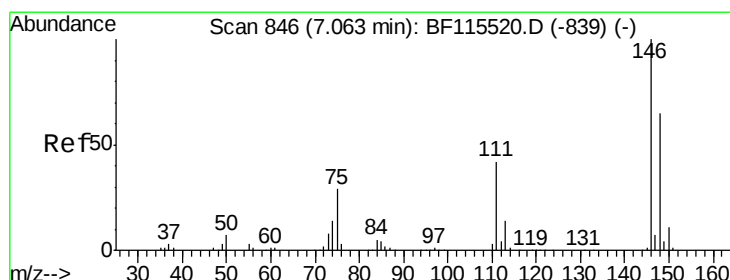
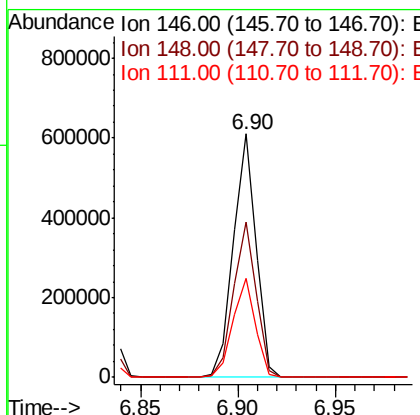
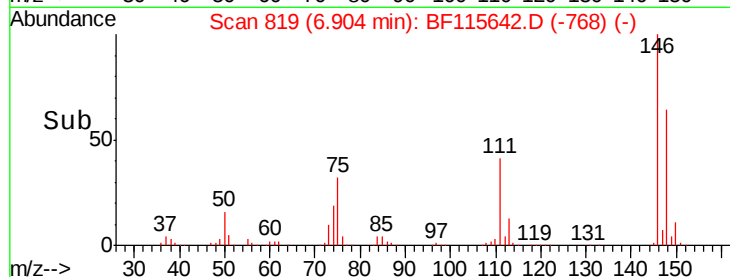
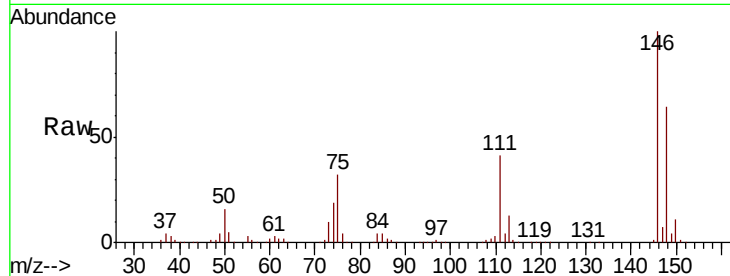
#13
 1,4-Dichlorobenzene
 Concen: 32.427 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	40.8	35.5	53.3

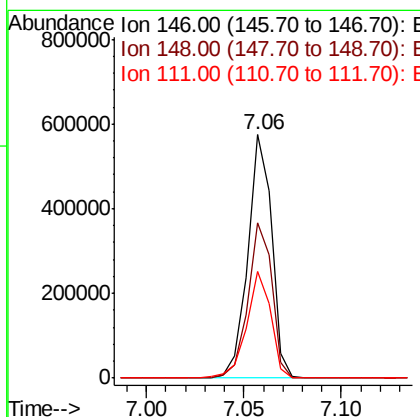
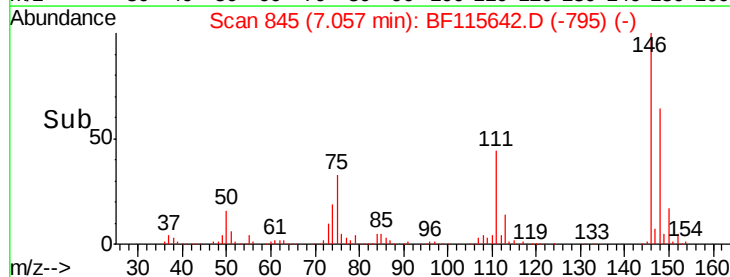
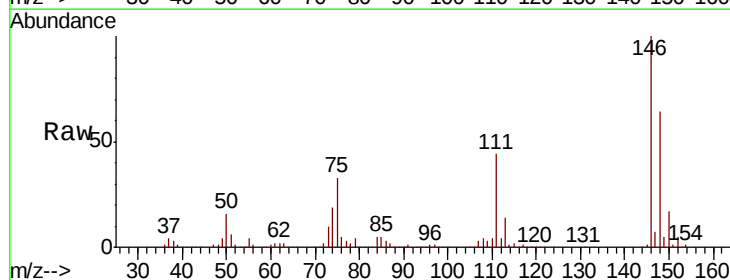
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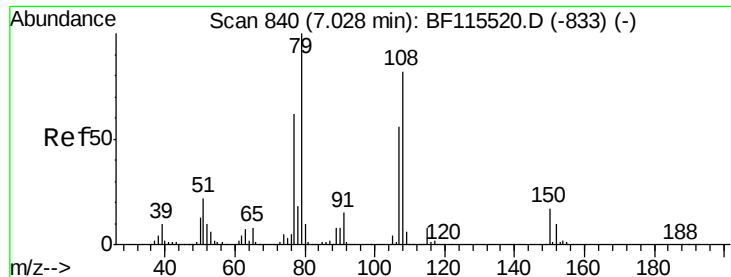
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#14
 1,2-Dichlorobenzene
 Concen: 35.060 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.8	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.711 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

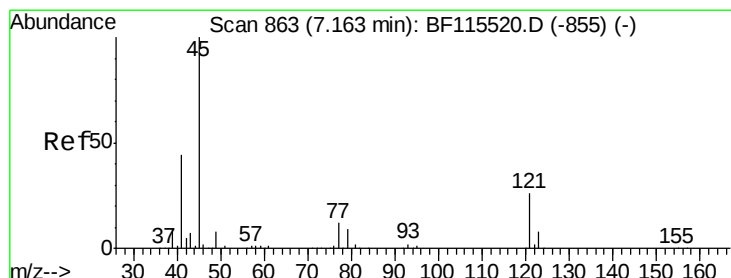
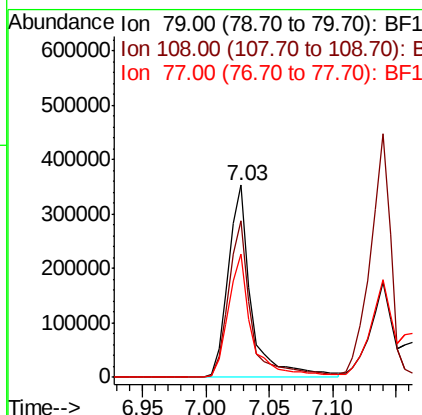
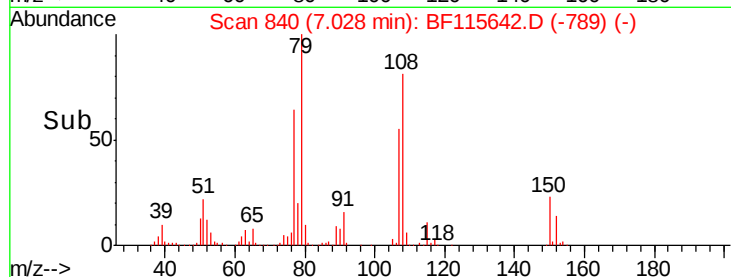
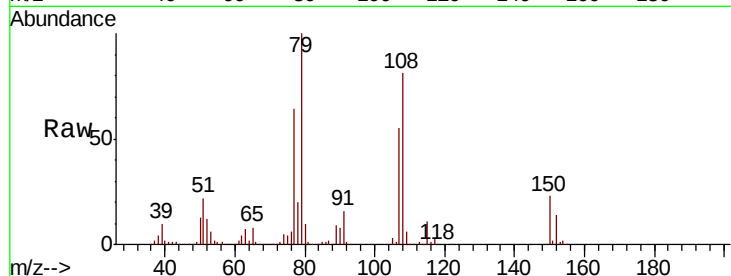
ClientSampleId :

PB121459BS

Tot Ion:	79	Resp:	446643
Ion Ratio	Lower	Upper	
79	100		
108	81.2	64.2	96.4
77	64.2	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.633 ng

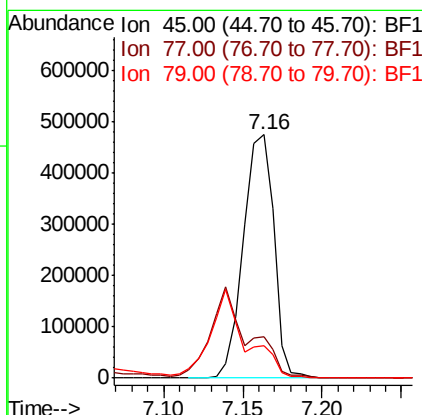
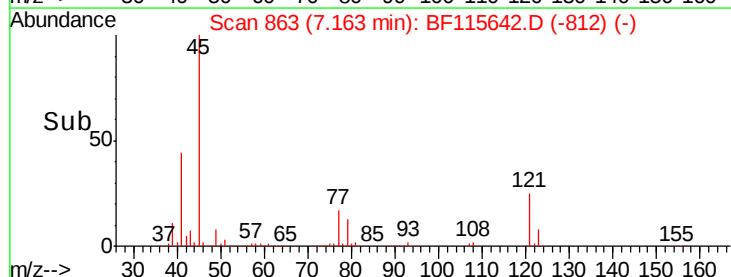
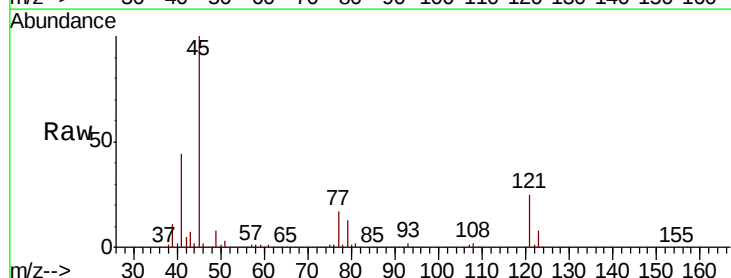
RT: 7.16 min Scan# 863

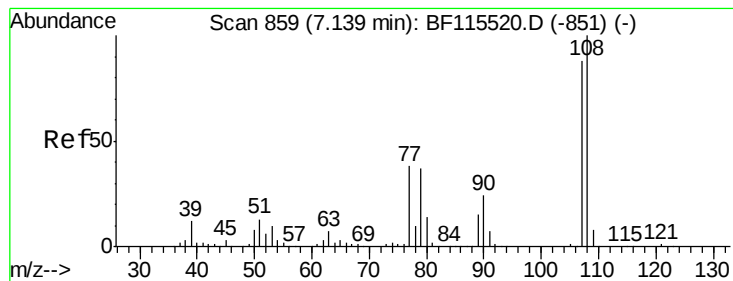
Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	45	Resp:	636418
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	38.1
79	13.3	0.0	34.1





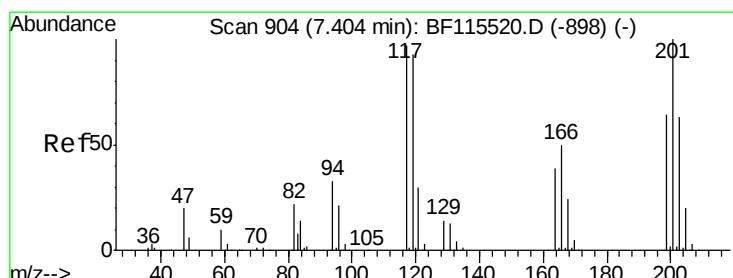
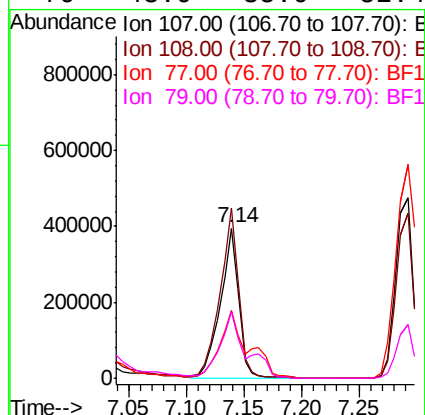
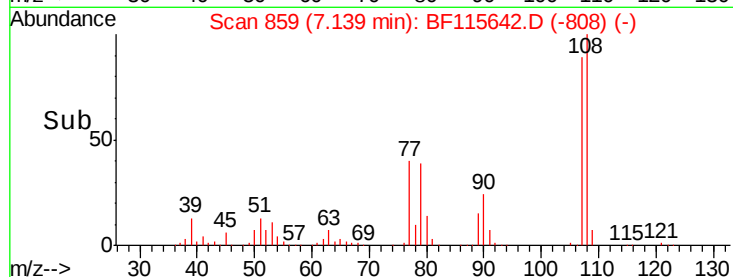
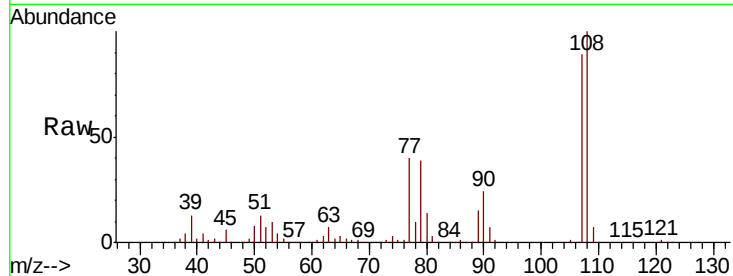
#17
2-Methylphenol
Concen: 37.827 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	89.4	134.2	
77	45.1	35.7	53.5	
79	43.9	35.0	52.4	

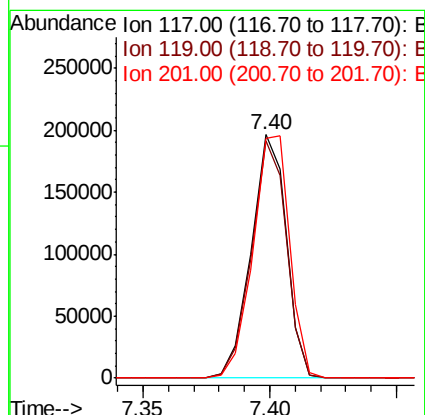
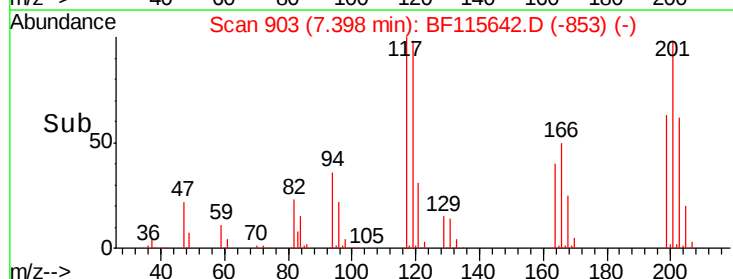
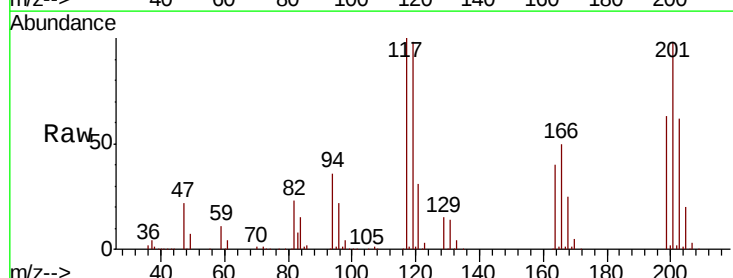
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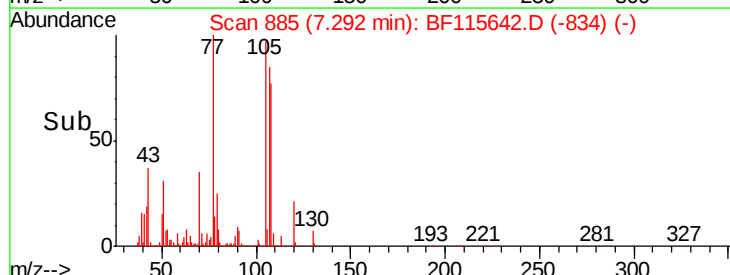
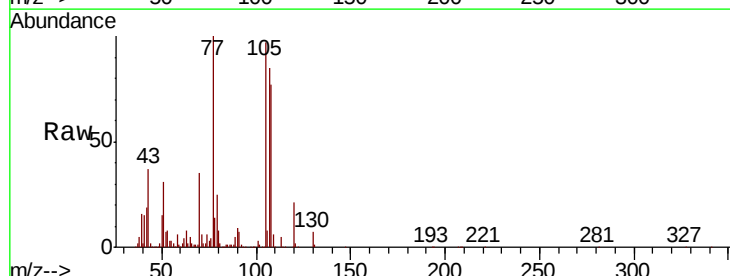
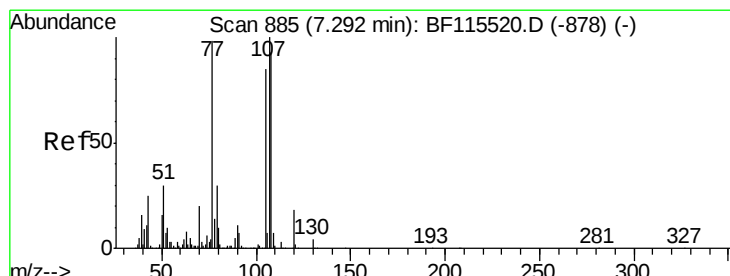
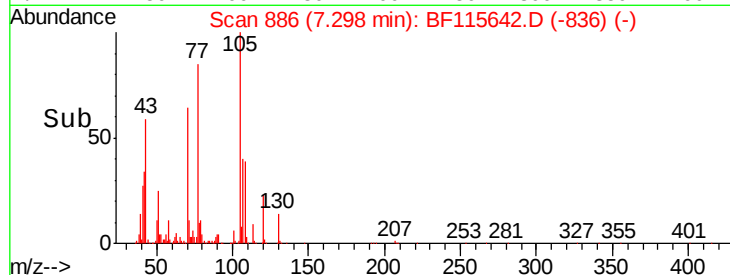
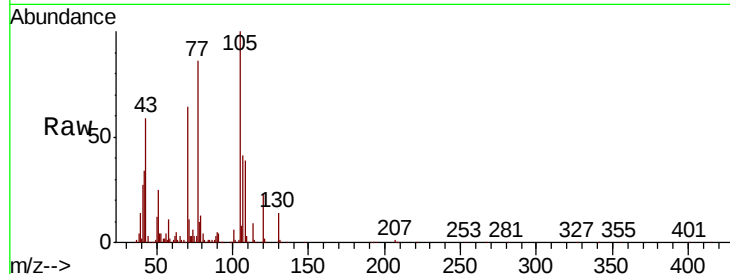
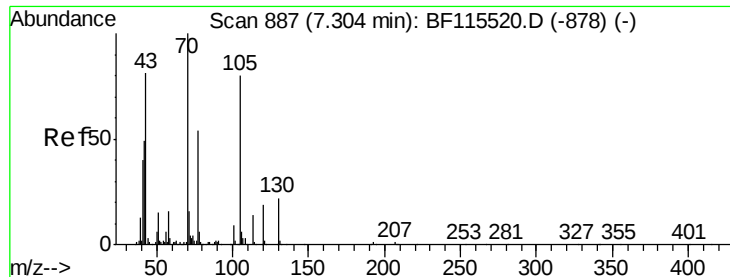
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#18
Hexachloroethane
Concen: 33.642 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.7	116.5	
201	98.3	86.0	129.0	





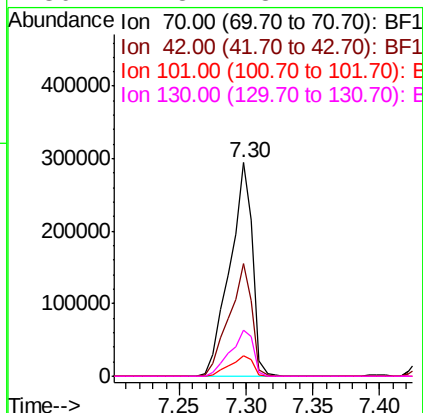
#19
n-Nitroso-di-n-propylamine
Concen: 36.199 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	39.6	59.4	
101	9.5	8.1	12.1	
130	21.8	18.2	27.2	

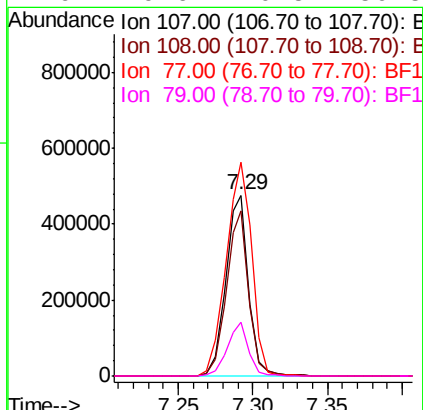
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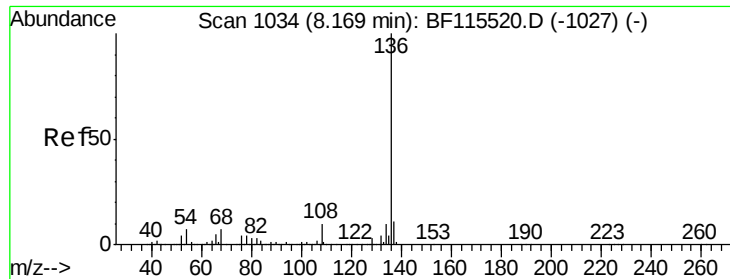
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#20
3+4-Methylphenols
Concen: 36.618 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	72.9	112.9	
77	118.1	77.6	117.6#	
79	29.6	10.5	50.5	





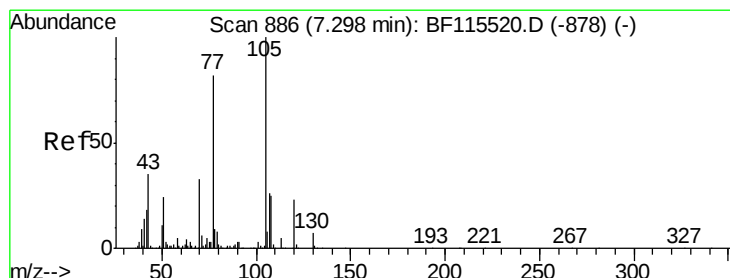
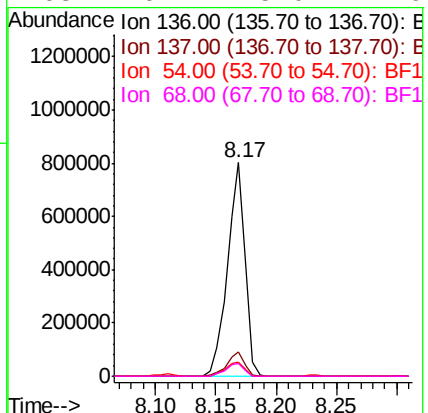
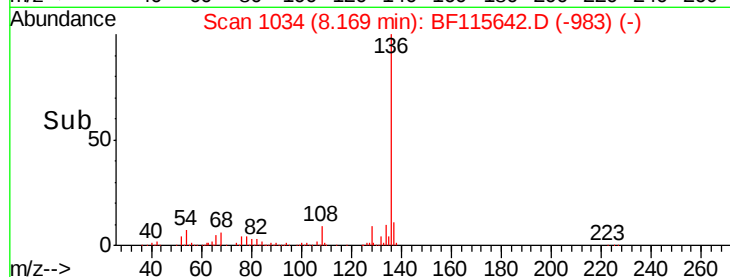
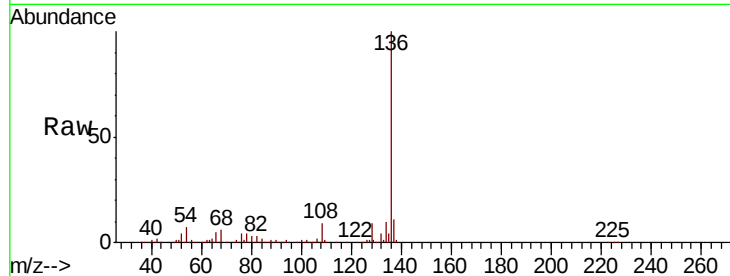
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	6.6	5.6	8.4	
68	6.2	5.0	7.6	

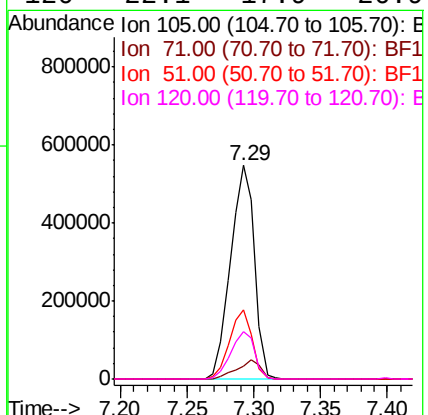
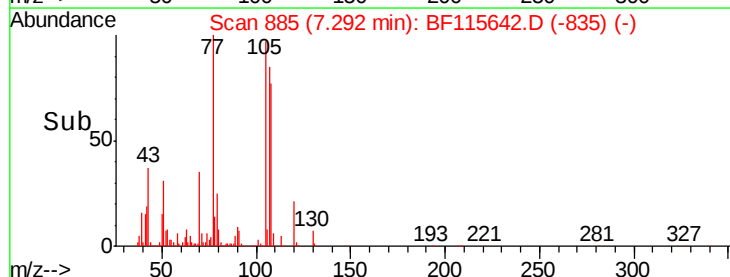
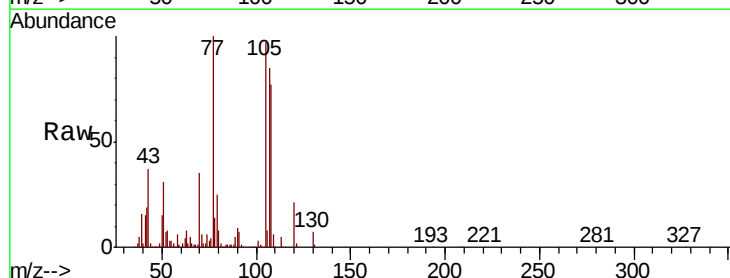
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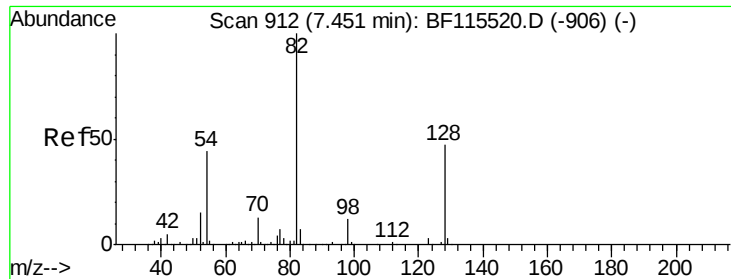
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#22
Acetophenone
Concen: 38.072 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	3.5	5.3#	
51	32.2	25.6	38.4	
120	22.1	17.9	26.9	





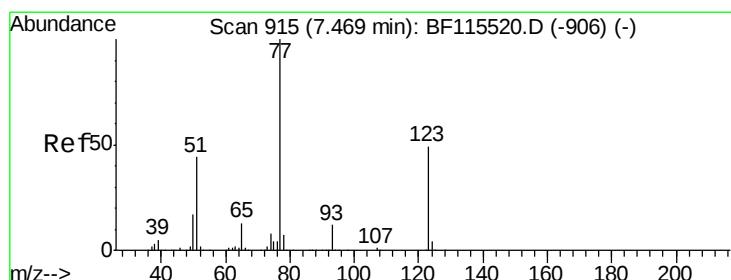
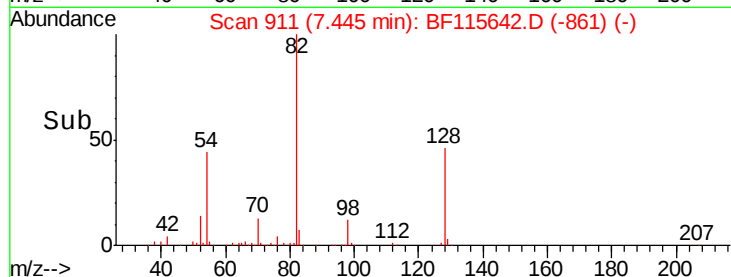
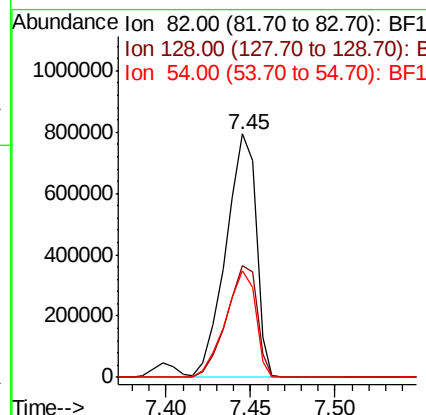
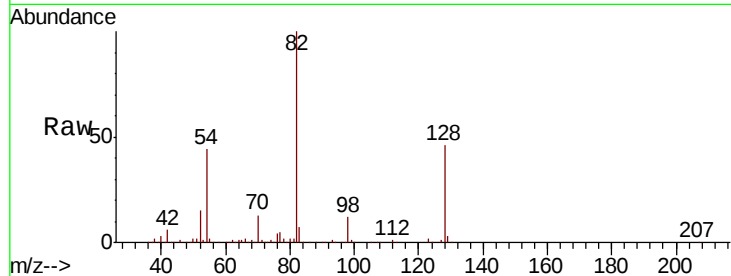
#23
Nitrobenzene-d5
Concen: 71.959 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampled :
PB121459BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	38.6	57.8
54	44.0	35.6	53.4

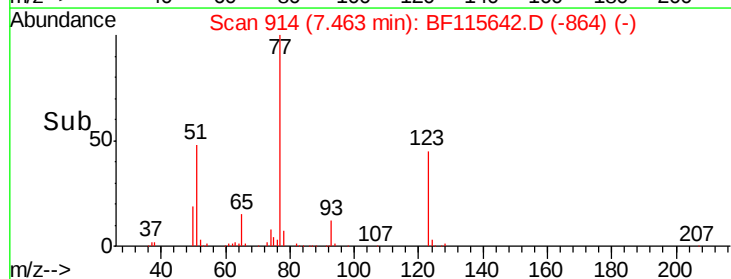
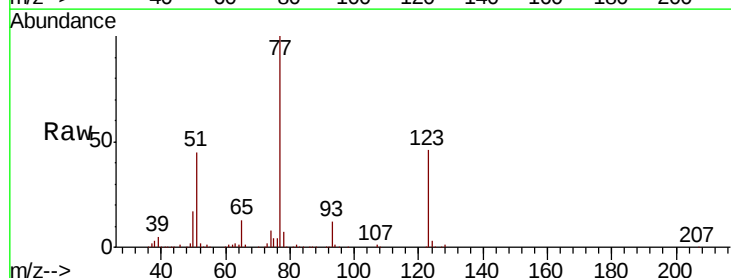
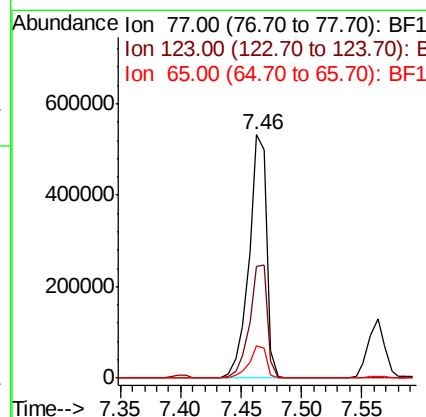
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#24
Nitrobenzene
Concen: 36.566 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	40.0	60.0
65	13.2	11.0	16.4





#25

Isophorone

Concen: 34.864 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

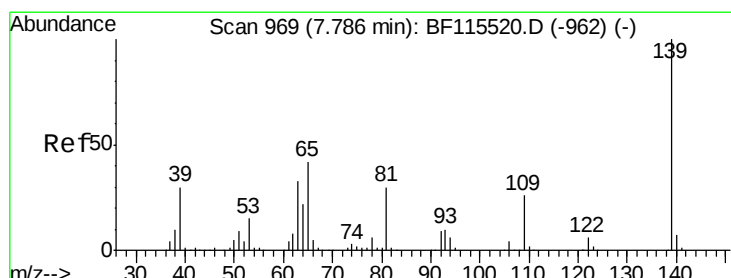
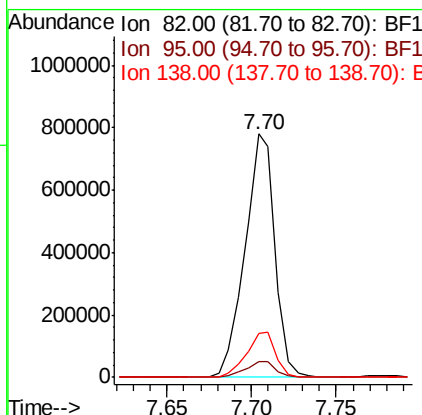
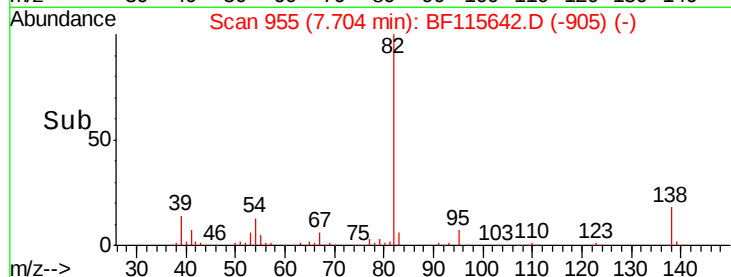
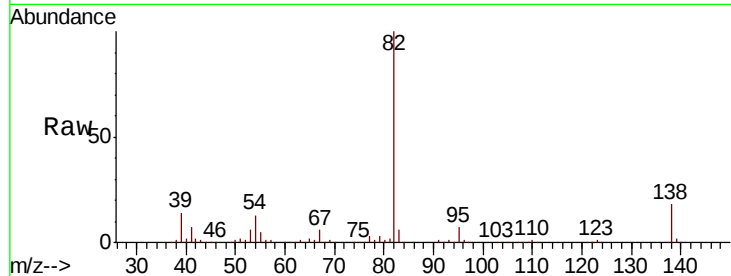
ClientSampled :

PB121459BS

Tot Ion:	82	Resp:	959236
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.5	8.3
138	18.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 37.260 ng

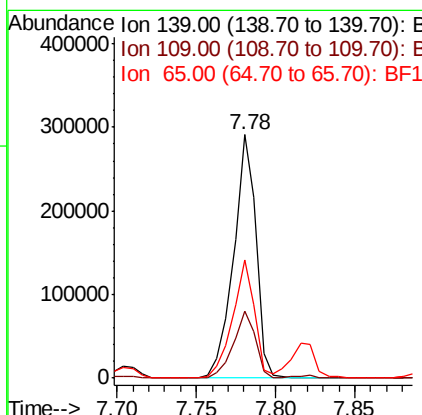
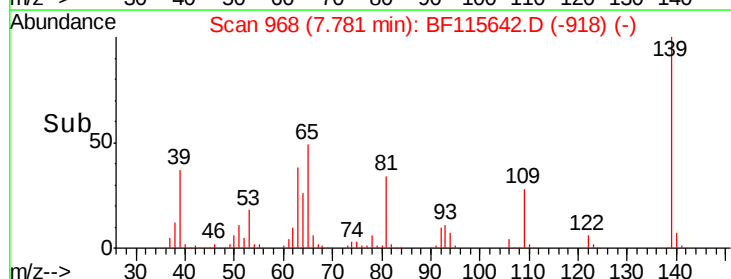
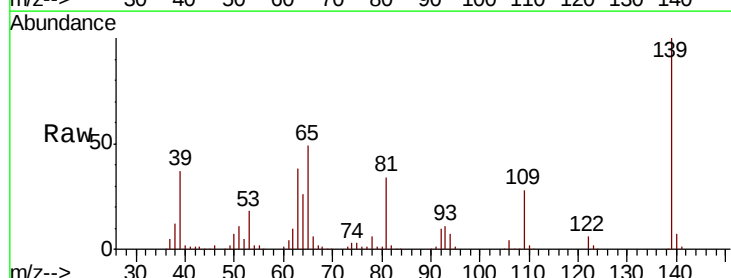
RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	139	Resp:	284419
Ion Ratio	Lower	Upper	
139	100		
109	27.6	23.3	34.9
65	48.8	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 43.607 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

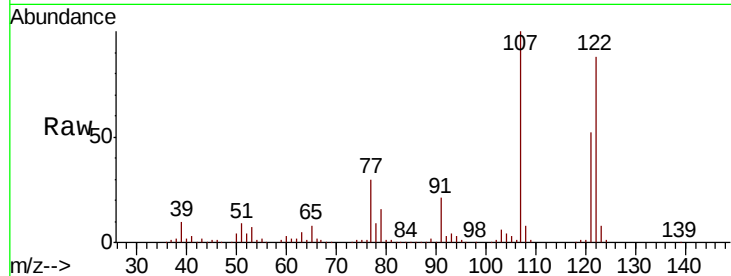
ClientSampleId :

PB121459BS

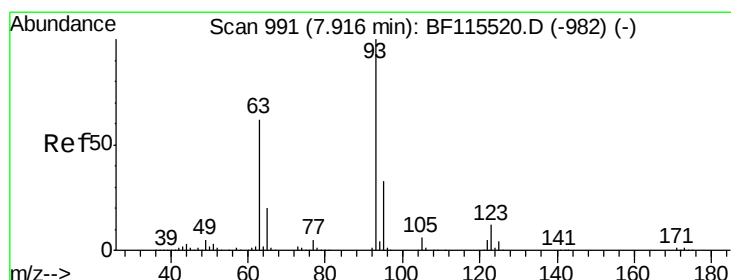
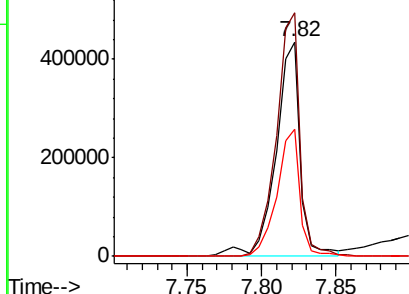
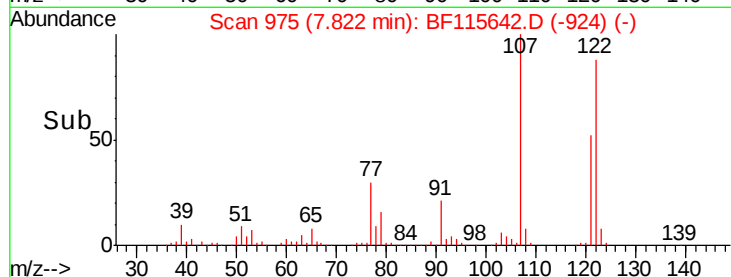
Tot Ion:	122	Resp:	498054
Ion Ratio	Lower	Upper	
122	100		
107	113.4	92.9	139.3
121	58.9	46.9	70.3

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.081 ng

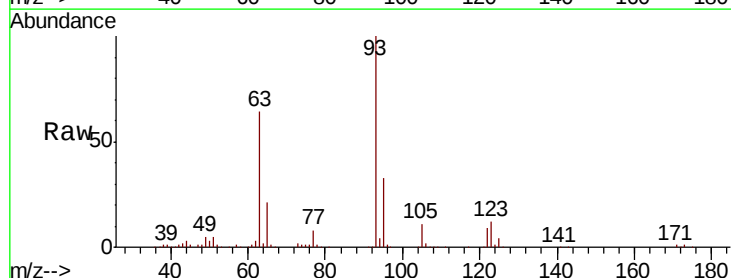
RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

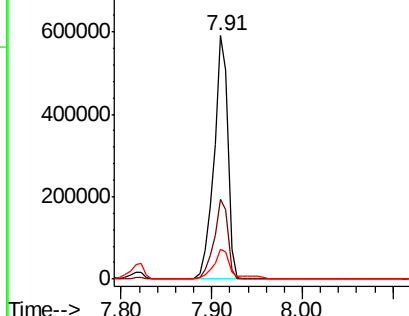
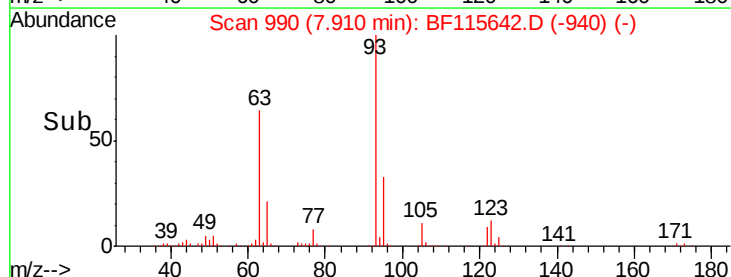
Lab File: BF115642.D

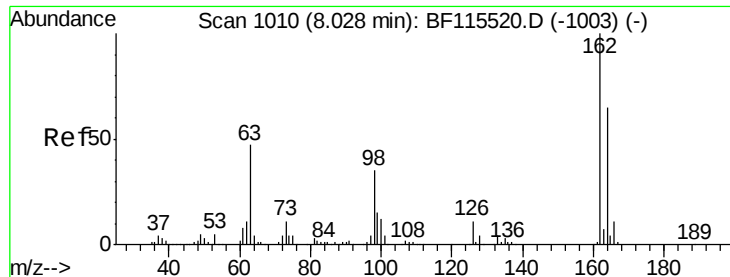
Acq: 18 Jul 2019 9:03

Tgt Ion:	93	Resp:	625899
Ion Ratio	Lower	Upper	
93	100		
95	32.8	27.0	40.4
123	12.0	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





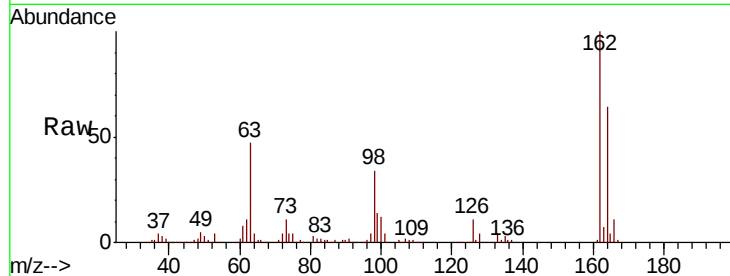
#29
 2,4-Dichlorophenol
 Concen: 37.649 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

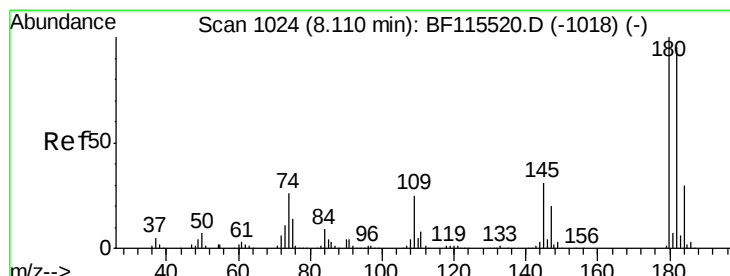
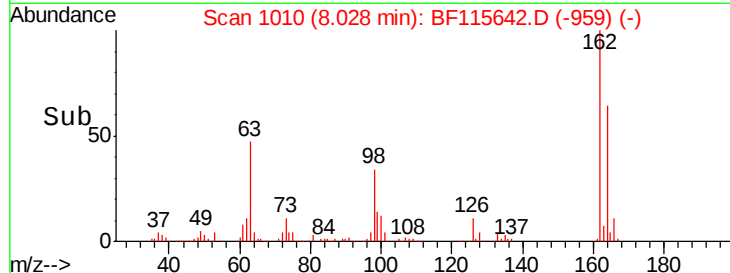
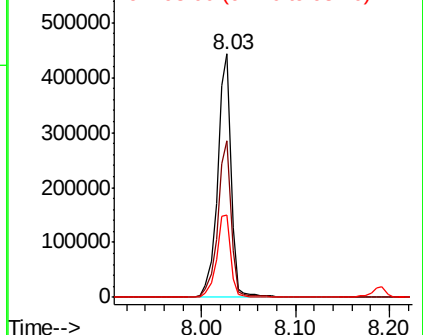
Tot Ion:	162	Resp:	447206
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.9	84.9
98	34.0	17.7	57.7

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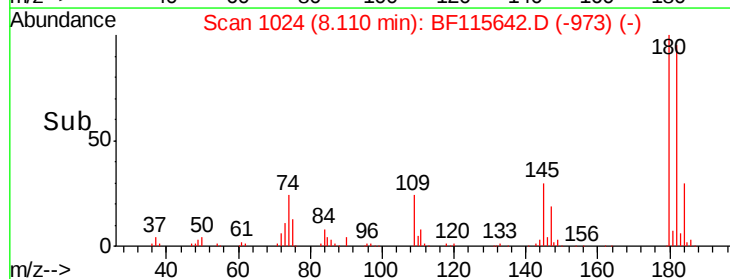
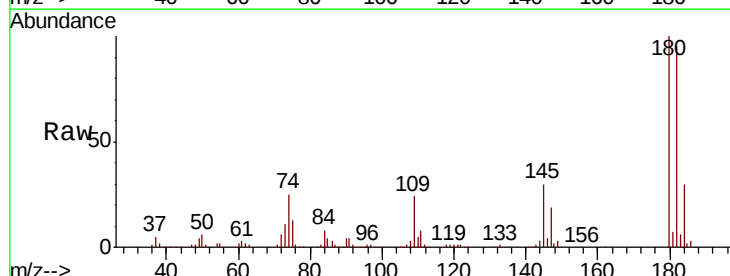
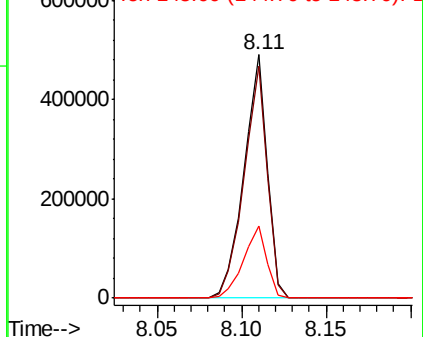
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

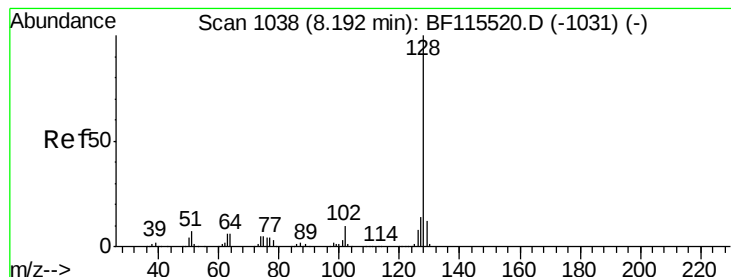


#30
 1,2,4-Trichlorobenzene
 Concen: 35.155 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:	180	Resp:	472019
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.0	112.6
145	29.6	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: 36.928 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

PB121459BS

Tot Ion:128 Resp: 1429877

Ion Ratio Lower Upper

128 100

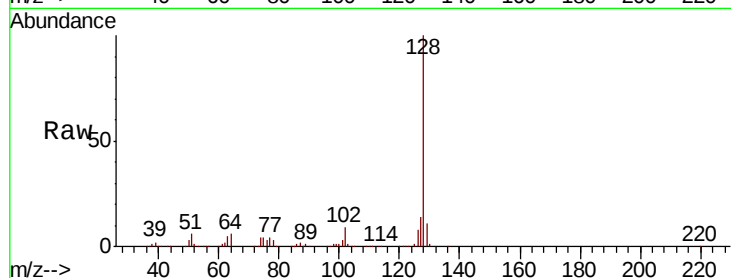
129 11.5 9.9 14.9

127 13.7 12.1 18.1

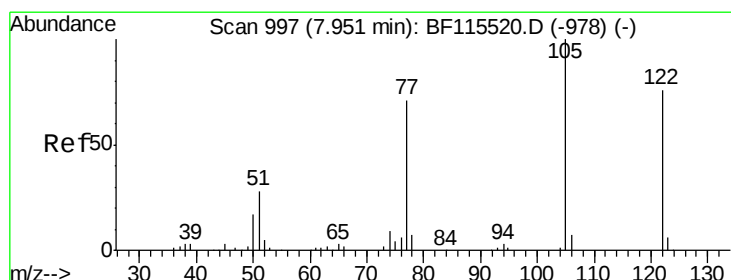
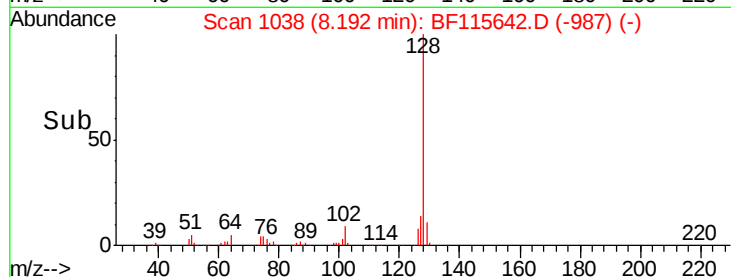
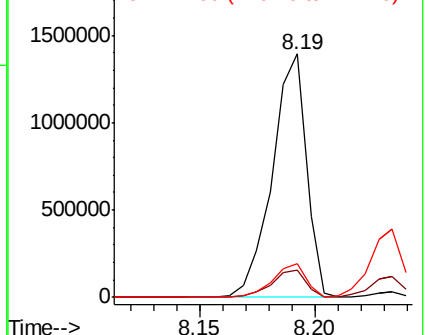
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.286 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

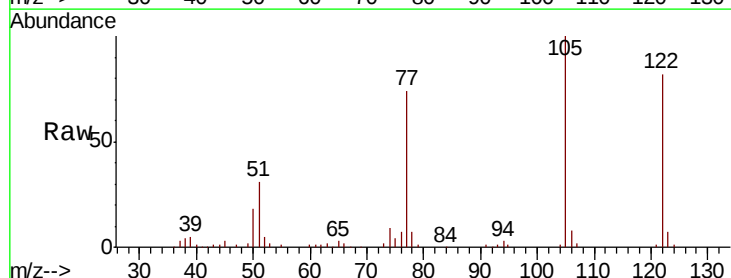
Tgt Ion:122 Resp: 330743

Ion Ratio Lower Upper

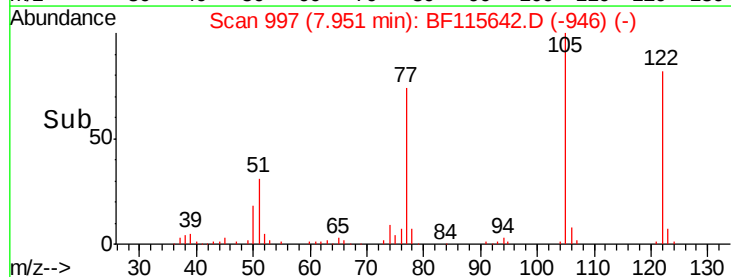
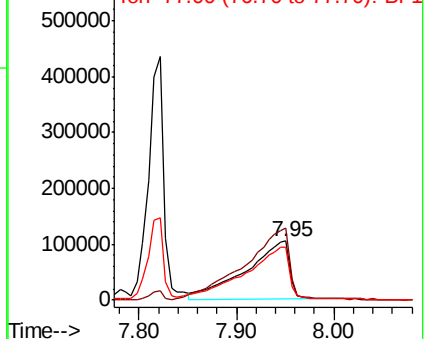
122 100

105 121.3 102.5 142.5

77 90.1 70.2 110.2



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





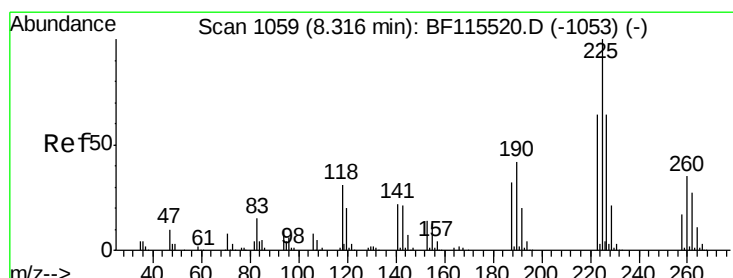
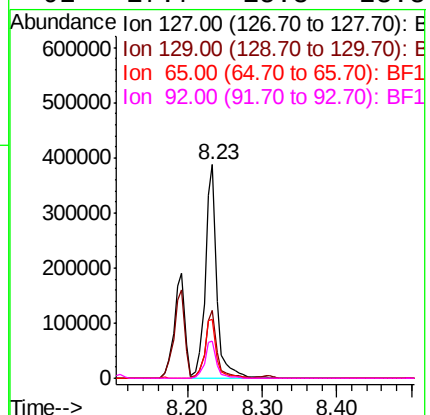
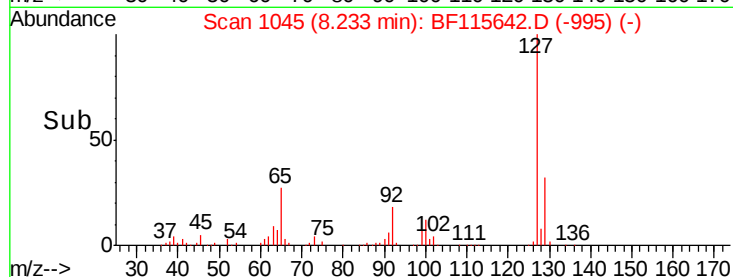
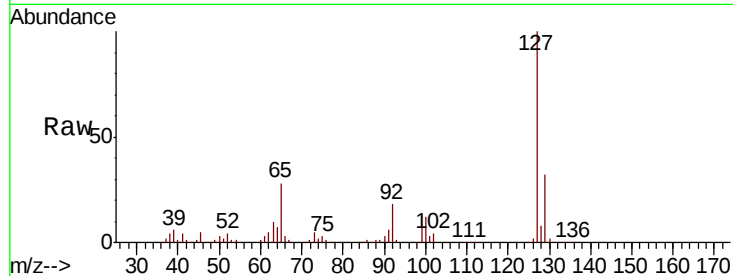
#33
4-Chloroaniline
Concen: 24.489 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		420016		
129	31.8	26.6	39.8		
65	27.5	23.7	35.5		
92	17.7	15.8	23.8		

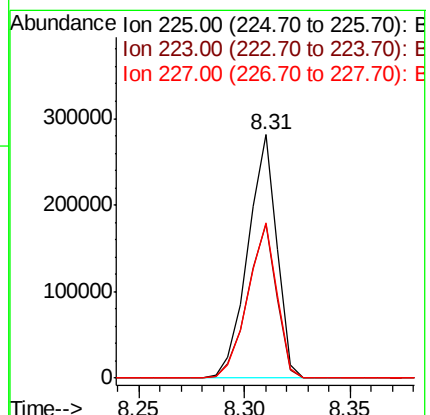
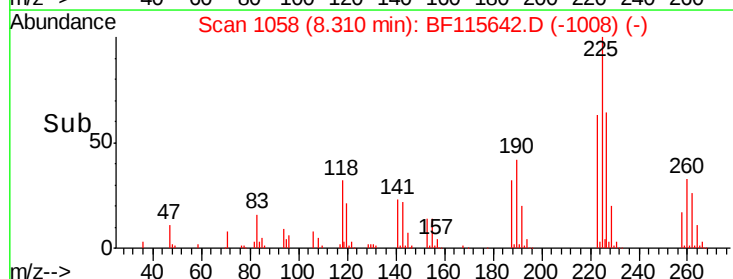
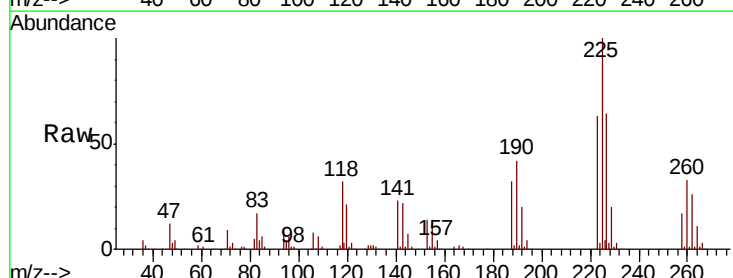
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#34
Hexachlorobutadiene
Concen: 34.695 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		267145		
223	63.2	50.9	76.3		
227	63.8	50.7	76.1		





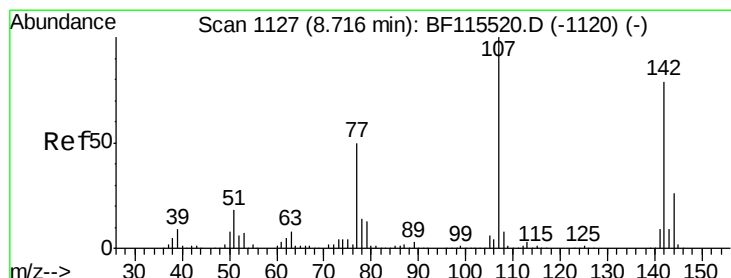
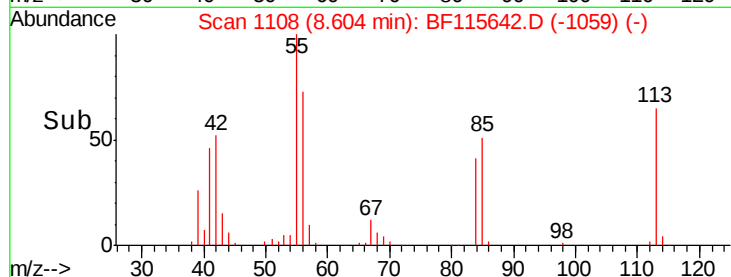
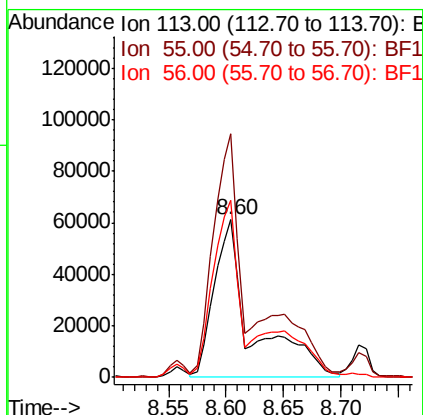
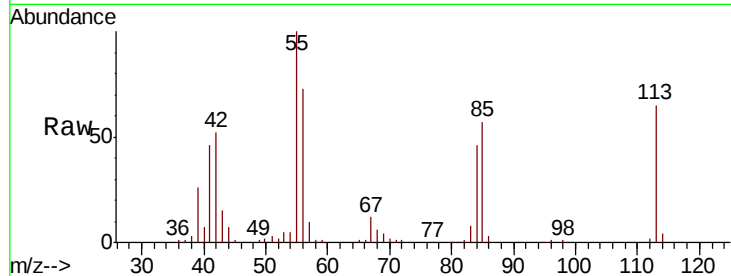
#35
 Caprolactam
 Concen: 38.181 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.8	126.9	166.9
56	112.9	90.3	130.3

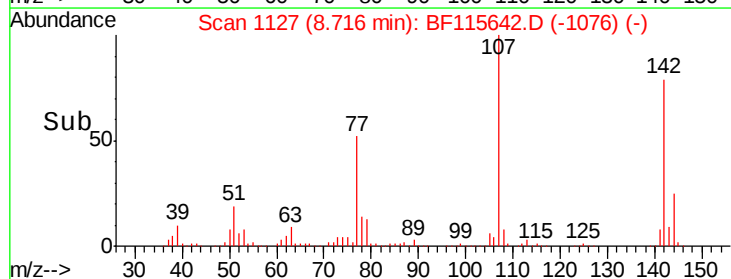
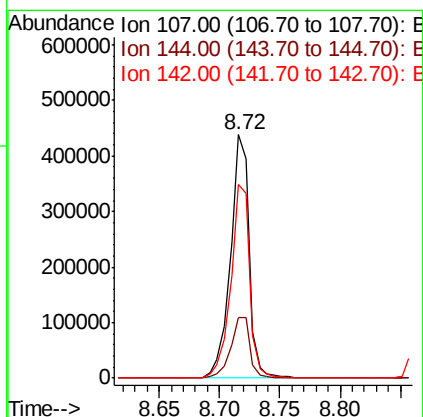
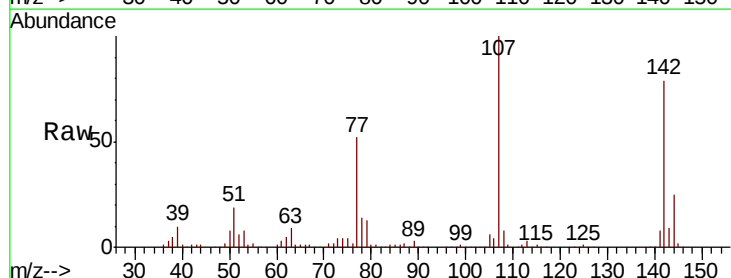
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#36
 4-Chloro-3-methylphenol
 Concen: 38.521 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.6	30.8
142	79.4	63.1	94.7





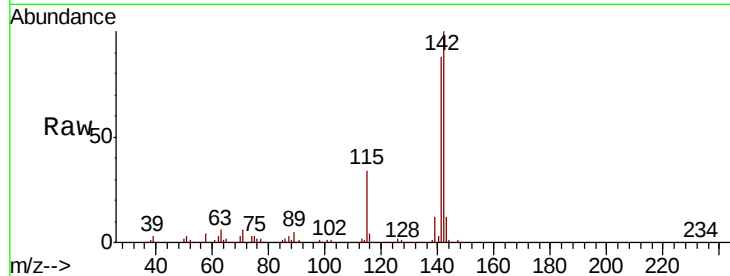
#37
2-Methylnaphthalene
Concen: 37.993 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampled :
PB121459BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0
115	33.8	29.9	44.9

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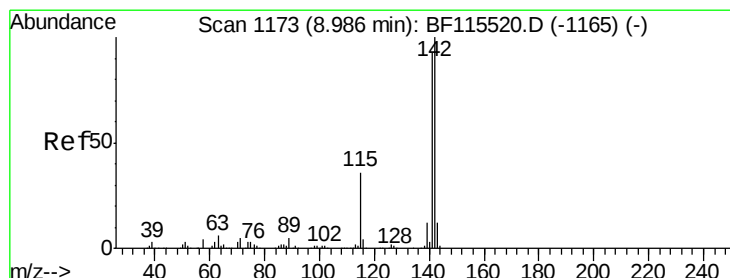
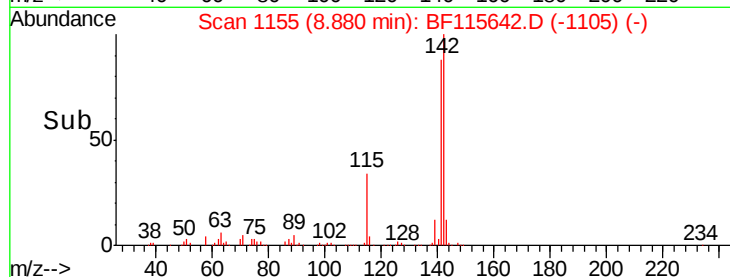
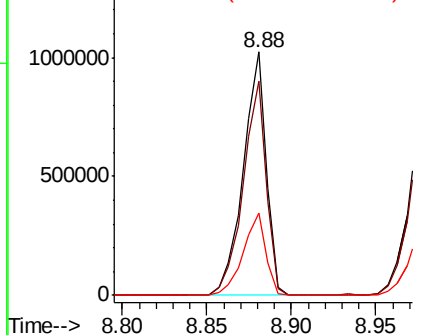


Abundance

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: 37.302 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

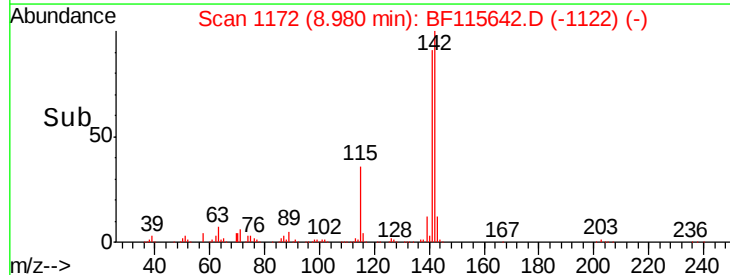
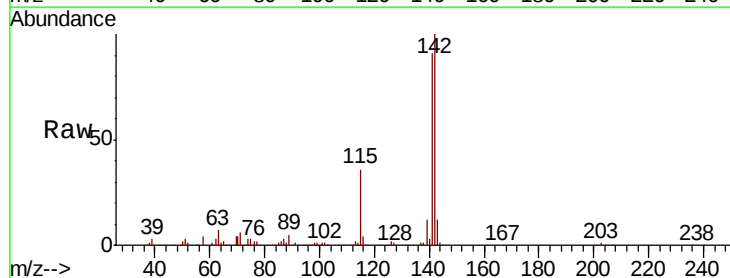
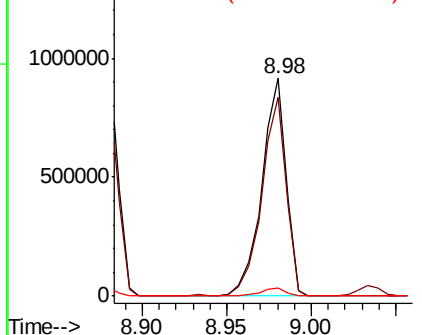
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.3	112.9
116	3.6	3.3	4.9

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: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

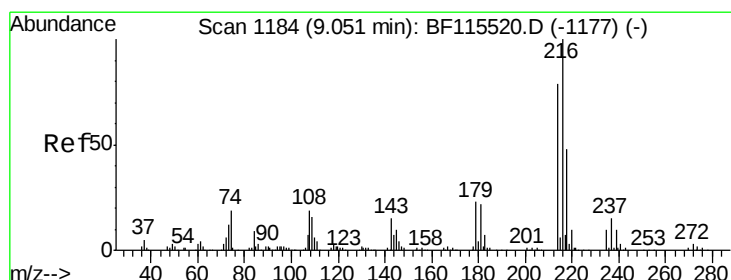
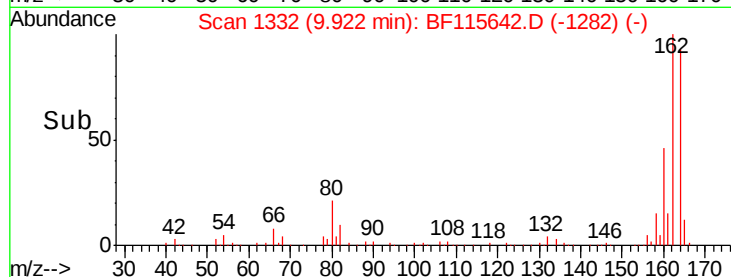
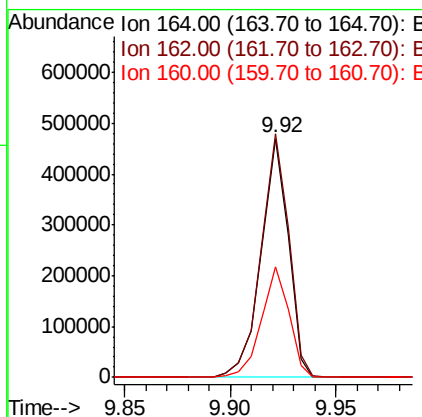
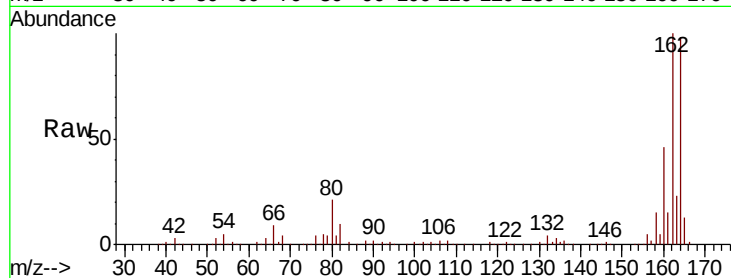
ClientSampleId :

PB121459BS

Tot Ion:	164	Resp:	425425
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.9	124.3
160	46.5	36.8	55.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.869 ng

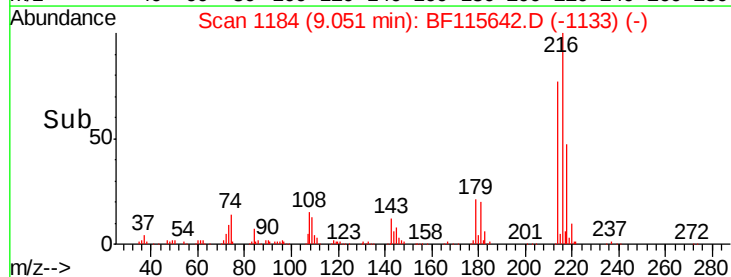
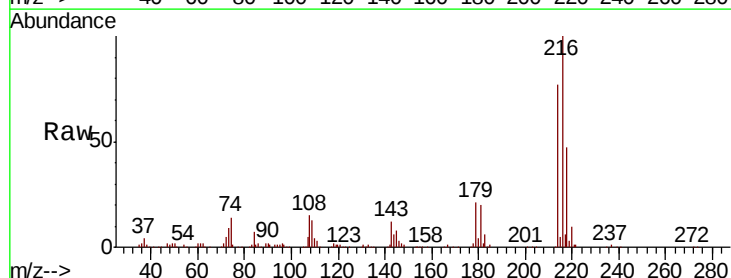
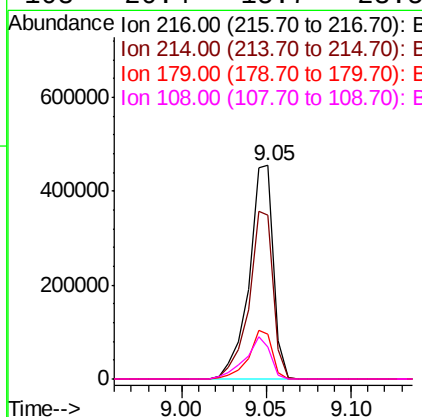
RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	216	Resp:	459524
Ion Ratio	Lower	Upper	
216	100		
214	77.9	65.1	97.7
179	22.0	18.3	27.5
108	20.4	15.7	23.5





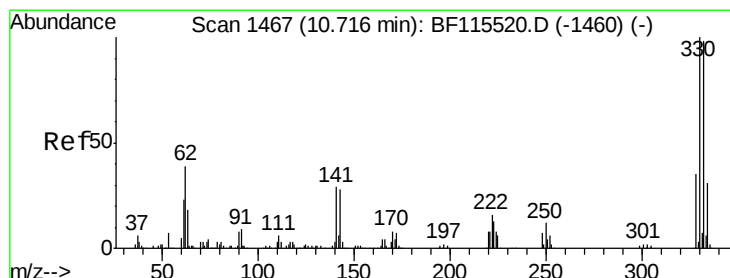
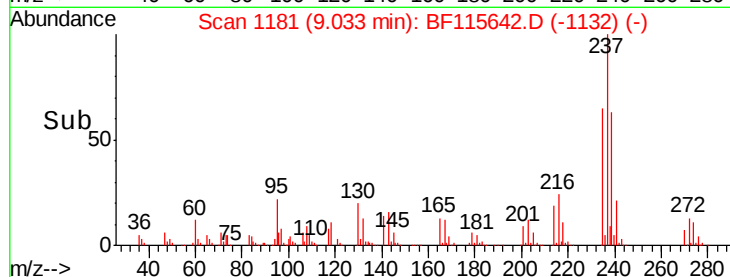
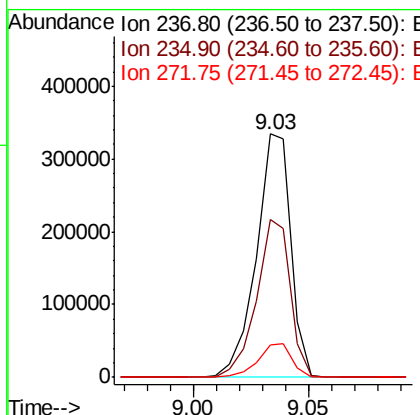
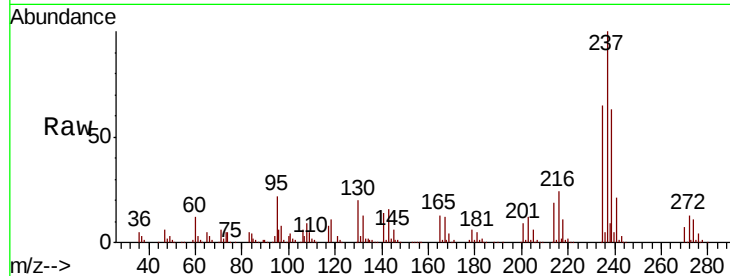
#41
 Hexachlorocyclopentadiene
 Concen: 47.577 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Tot Ion:	237	Resp:	347690
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.6	83.6
272	13.2	0.0	33.9

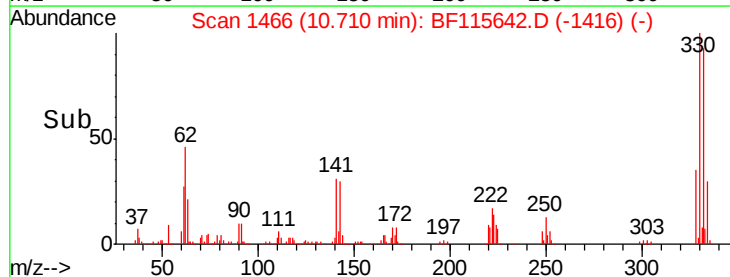
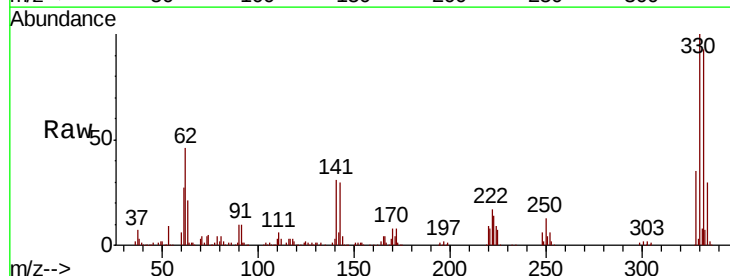
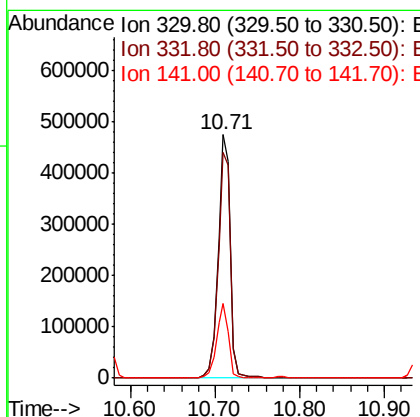
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#42
 2,4,6-Tribromophenol
 Concen: 97.802 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:	330	Resp:	485657
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.4	116.2
141	30.4	22.4	33.6





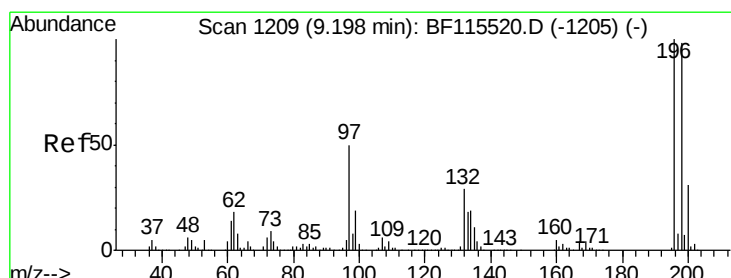
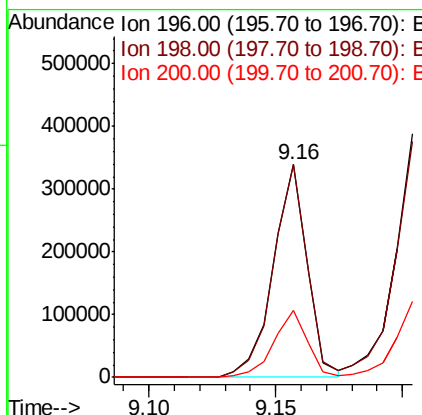
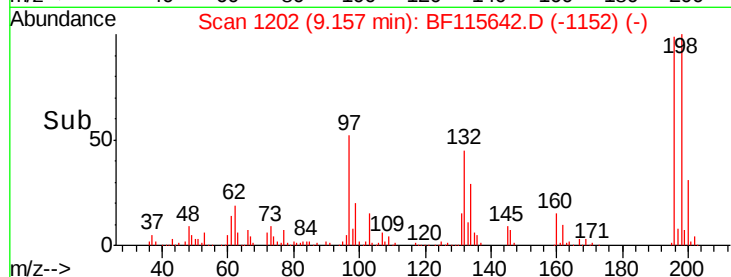
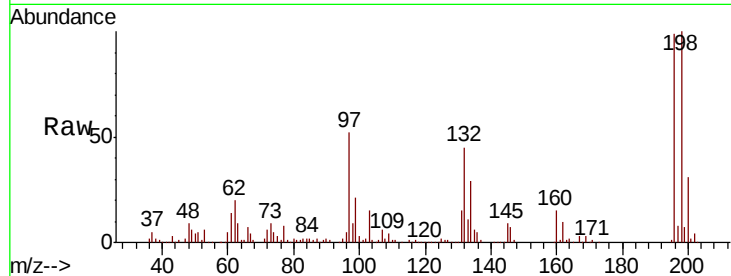
#43
 2,4,6-Trichlorophenol
 Concen: 33.485 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampled :
 PB121459BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	313705		
198	100.5	80.6	121.0	
200	31.3	25.8	38.6	

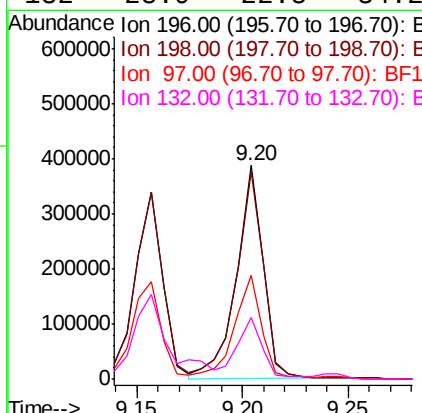
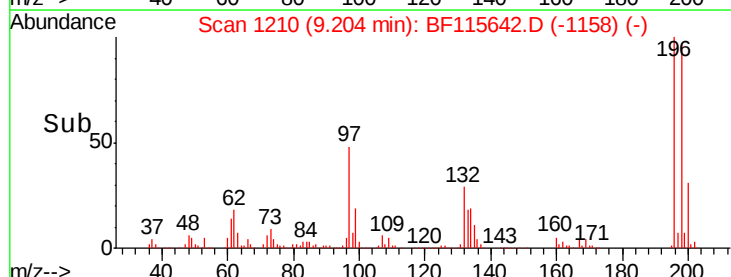
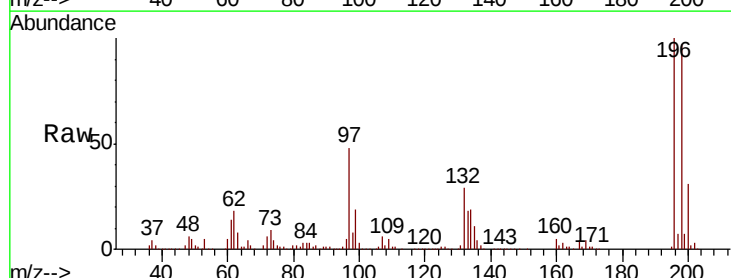
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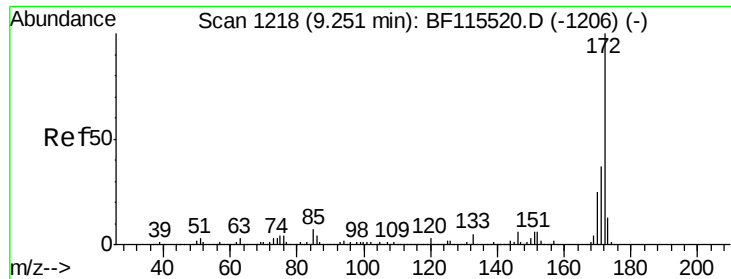
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#44
 2,4,5-Trichlorophenol
 Concen: 35.277 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338468		
198	97.2	79.6	119.4	
97	48.3	37.8	56.6	
132	28.9	22.8	34.2	





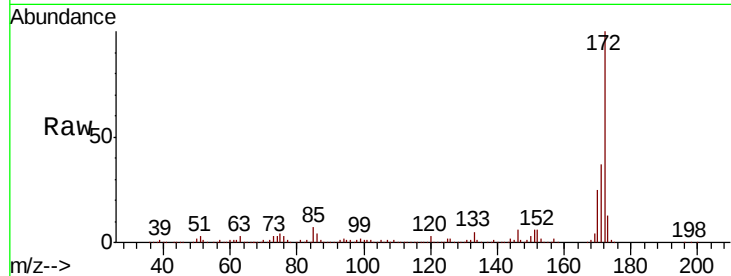
#45
2-Fluorobiphenyl
Concen: 75.139 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

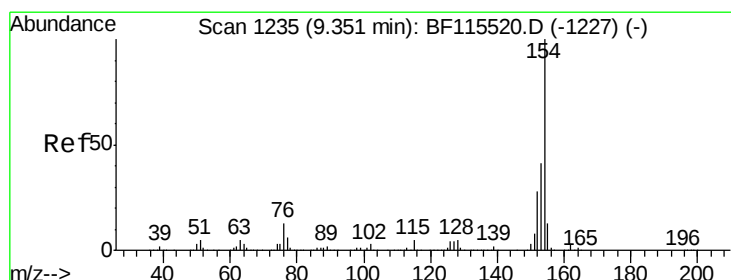
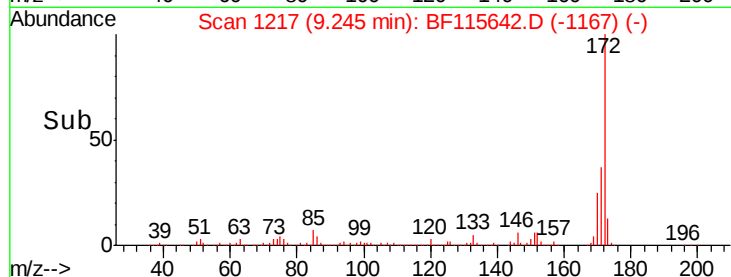
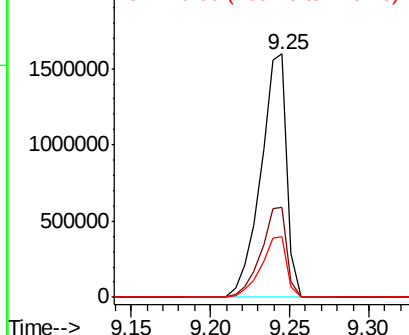
Tot Ion:172 Resp: 1826326
Ion Ratio Lower Upper
172 100
171 37.0 30.6 46.0
170 25.1 20.5 30.7

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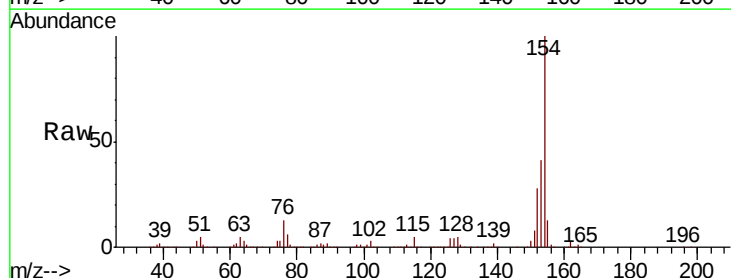


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

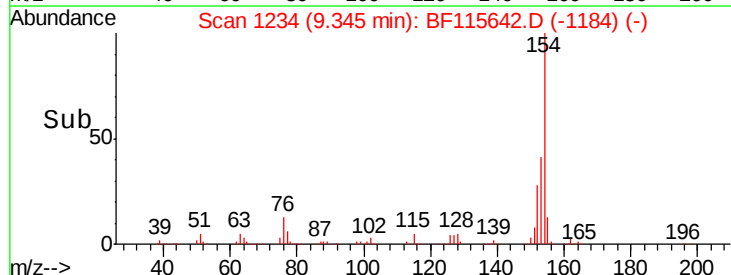
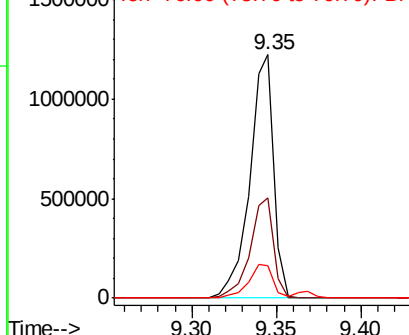


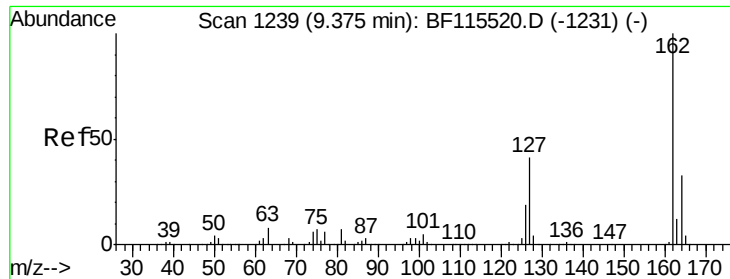
#46
1,1'-Biphenyl
Concen: 36.259 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:154 Resp: 1205936
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 13.1 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





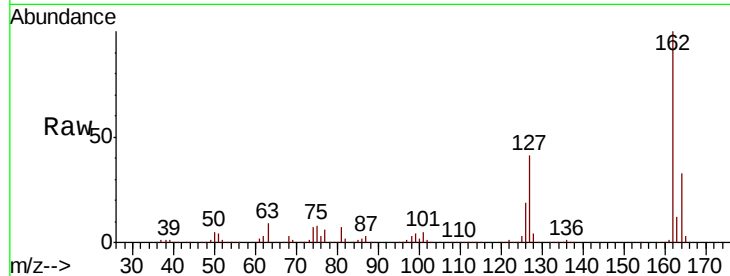
#47
2-Chloronaphthalene
Concen: 33.977 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampled :
PB121459BS

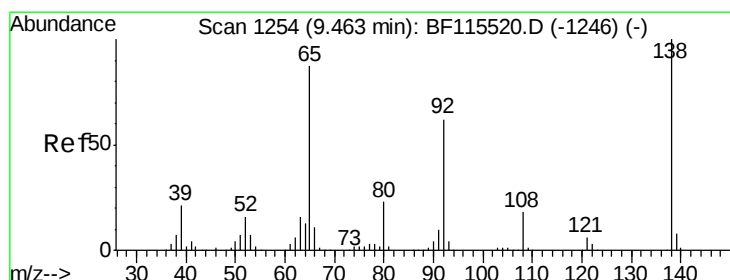
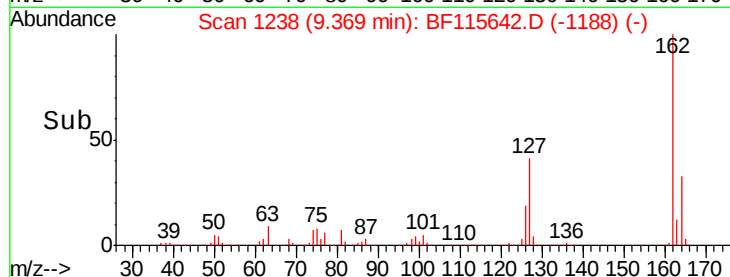
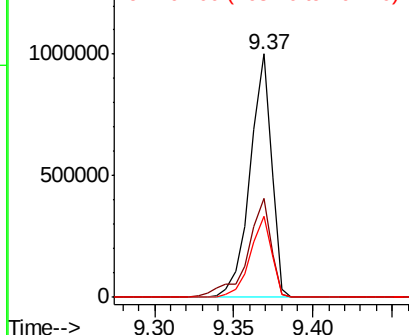
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	34.1	51.1
164	33.5	27.4	41.2

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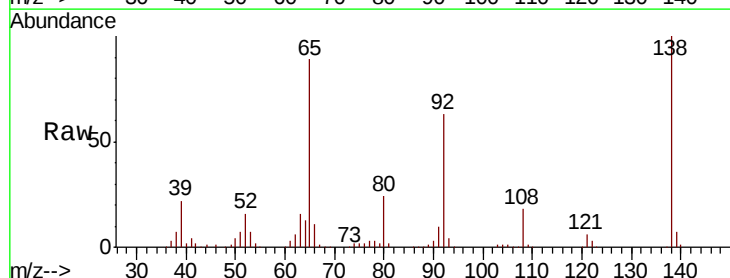


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

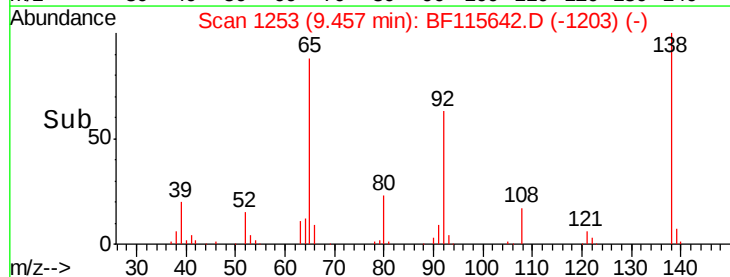
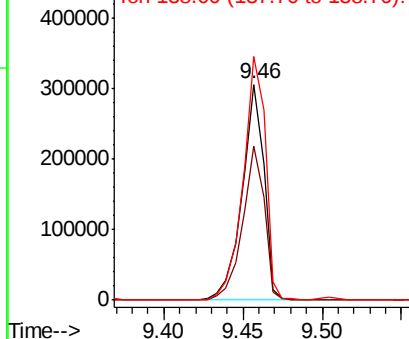


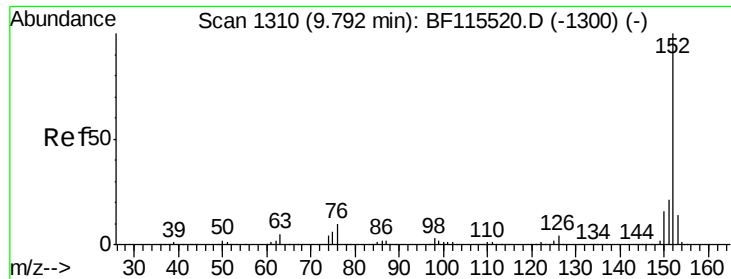
#48
2-Nitroaniline
Concen: 33.771 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	57.8	86.6
138	112.9	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





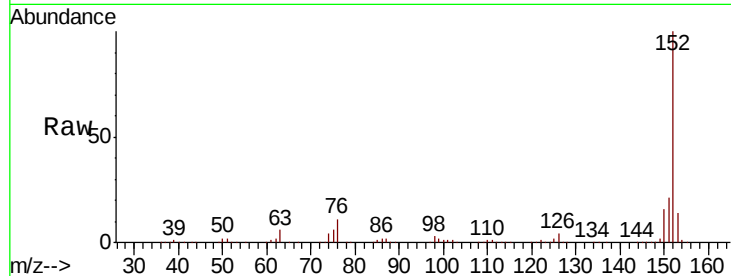
#49
Acenaphthylene
Concen: 34.853 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.7	26.5
153	14.0	12.0	18.0

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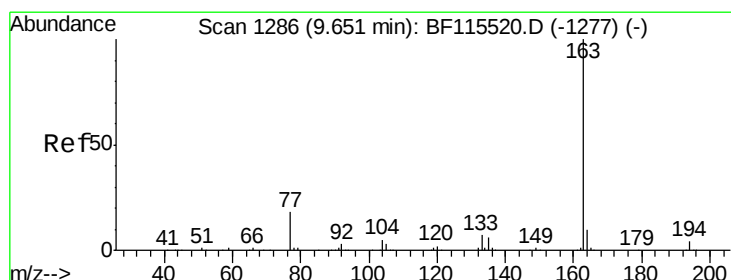
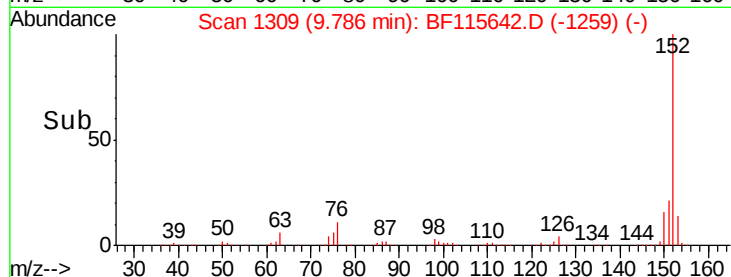
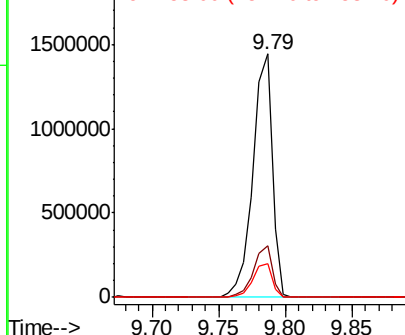


Abundance

Ion 152.00 (151.70 to 152.70): E

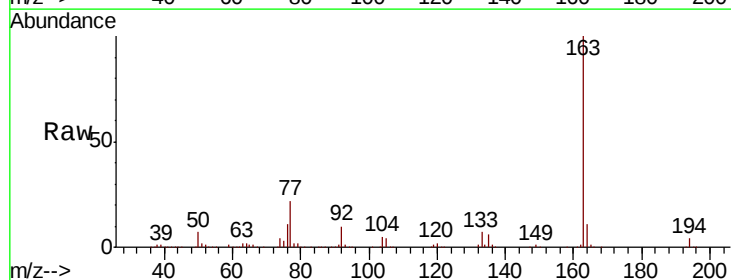
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 35.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.7	8.7	13.1

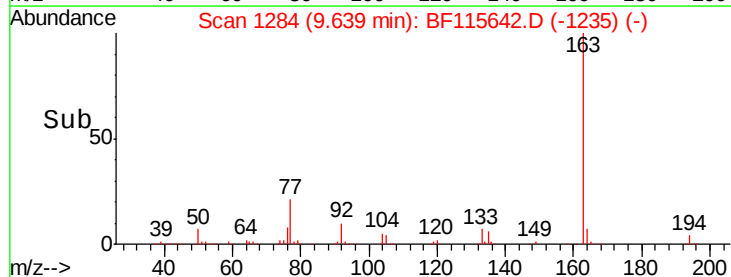
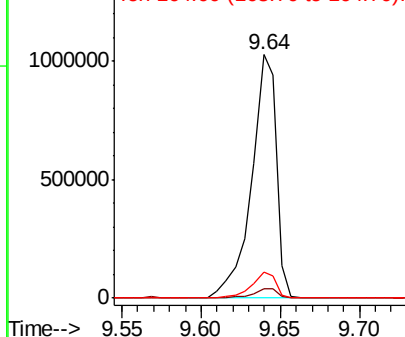


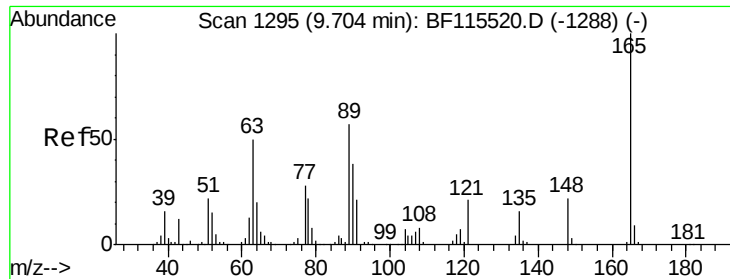
Abundance

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





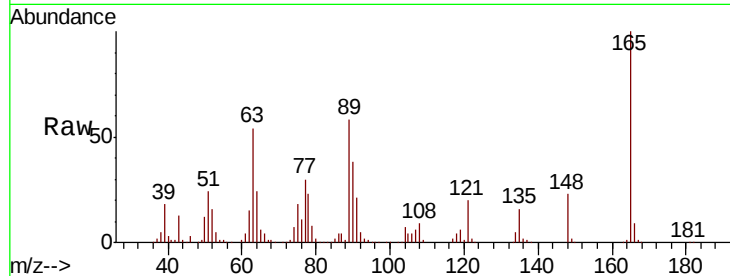
#51
2,6-Dinitrotoluene
Concen: 35.908 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

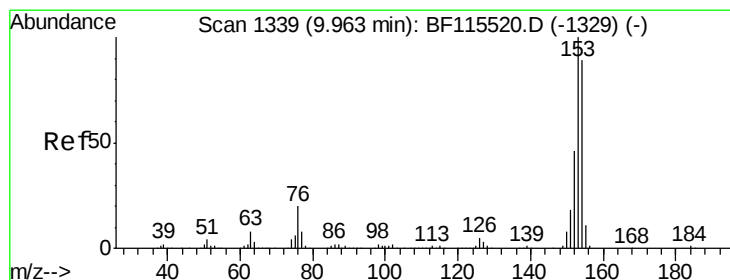
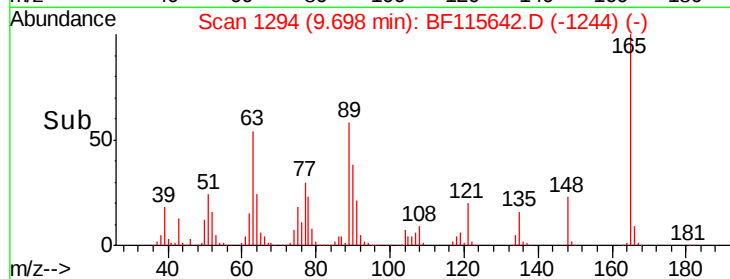
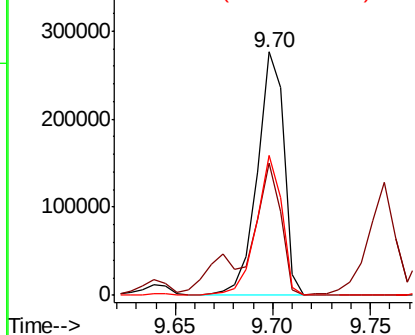
Tot Ion	Ratio	Resp	Lower	Upper
165	100	261193		
63	54.3	40.6	61.0	
89	57.7	43.9	65.9	

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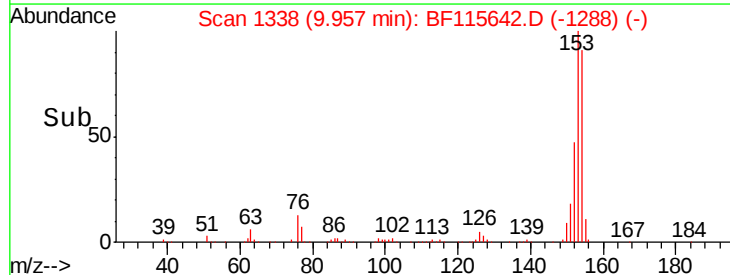
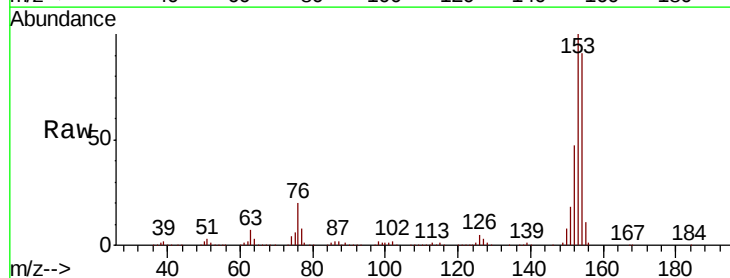
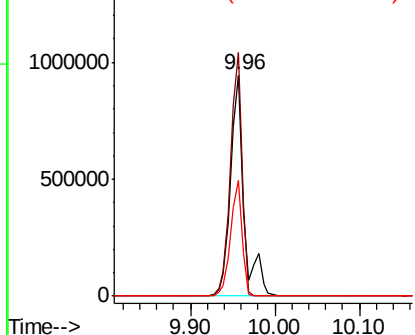
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

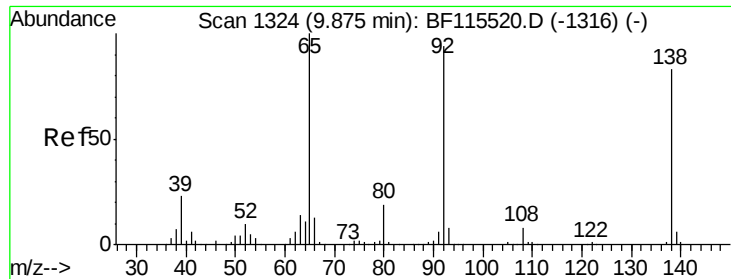


#52
Acenaphthene
Concen: 39.209 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1038745		
153	110.2	88.6	133.0	
152	52.3	42.3	63.5	

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





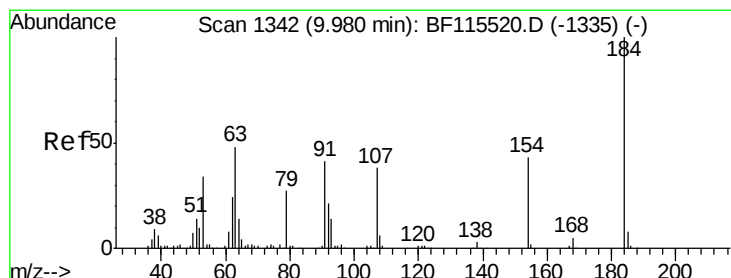
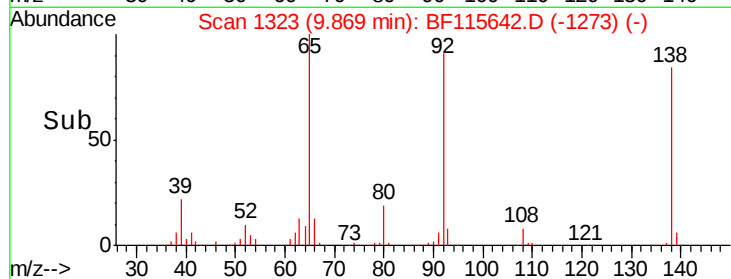
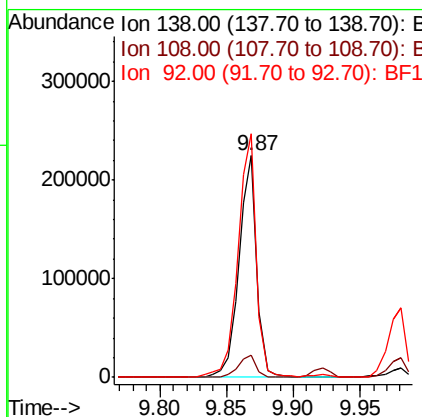
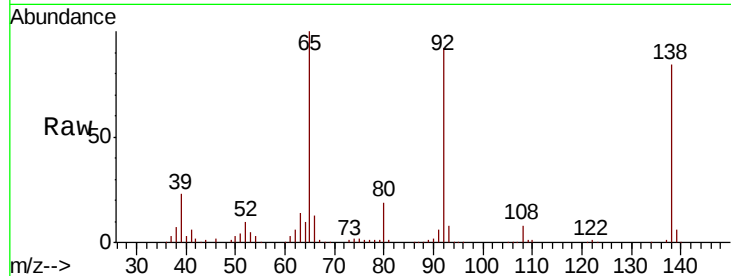
#53
3-Nitroaniline
Concen: 25.048 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	208206		
108	9.8	8.4	12.6	
92	110.0	88.0	132.0	

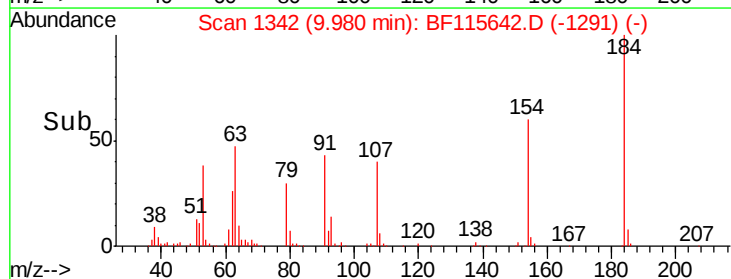
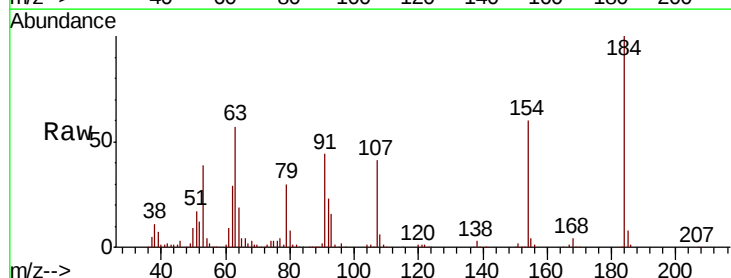
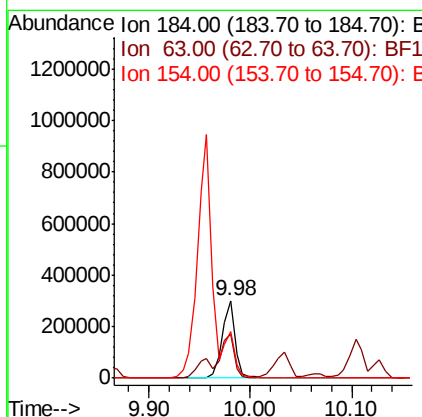
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#54
2,4-Dinitrophenol
Concen: 72.510 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	270794		
63	56.7	48.7	73.1	
154	59.7	48.6	73.0	





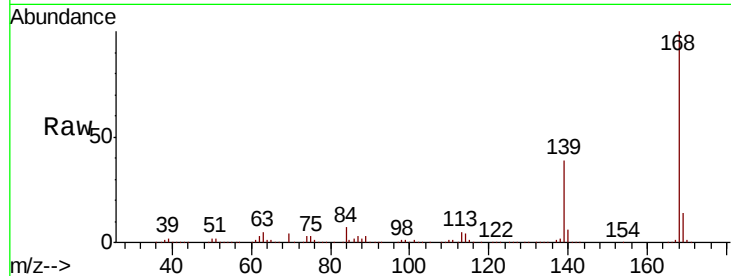
#55
Dibenzenofuran
Concen: 34.918 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.1	46.7
169	14.1	11.1	16.7

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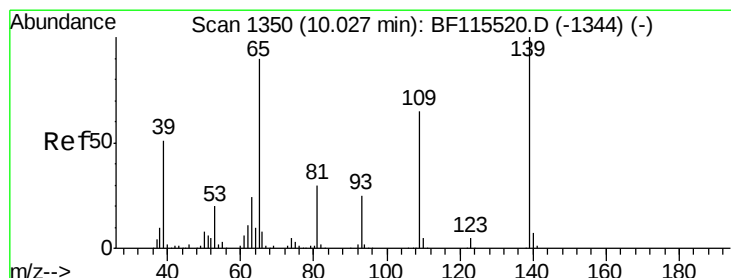
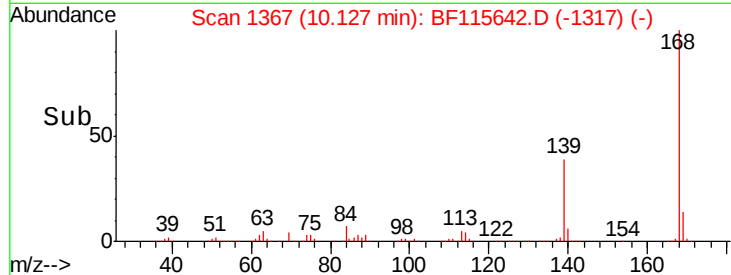
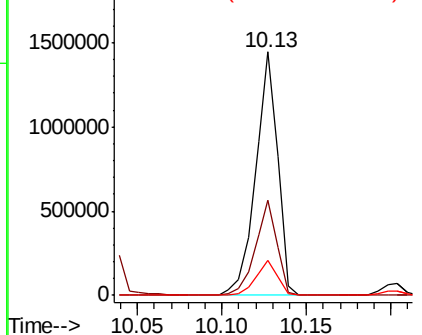


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 64.306 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

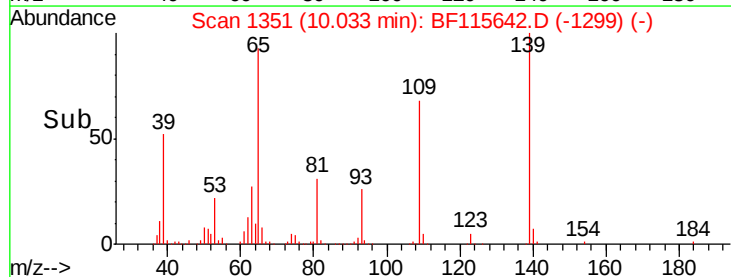
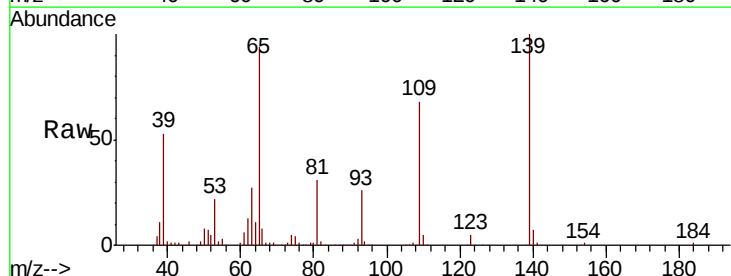
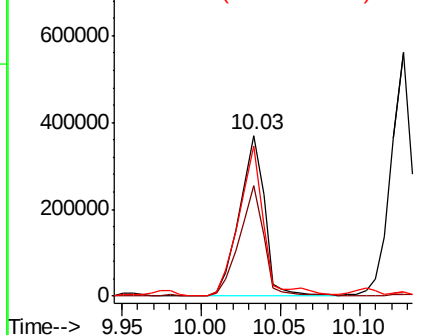
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	46.4	86.4
65	93.6	68.9	108.9

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





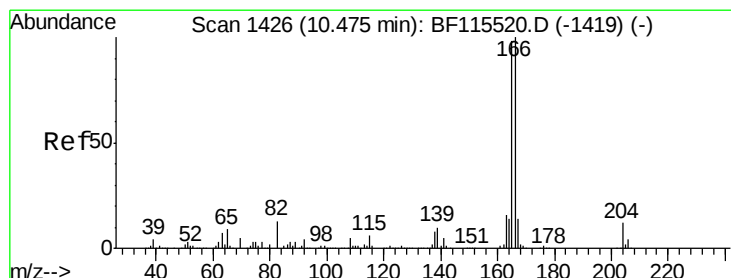
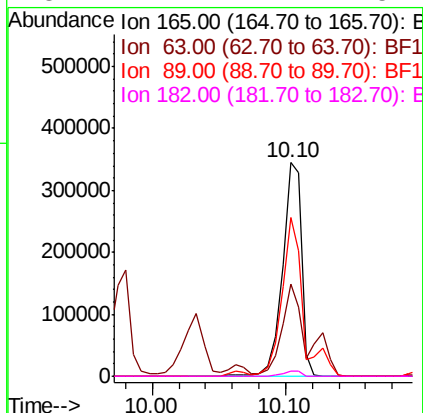
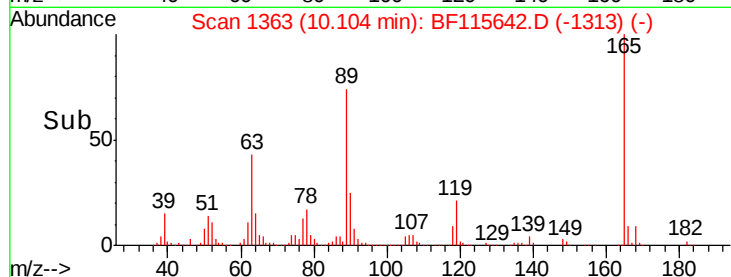
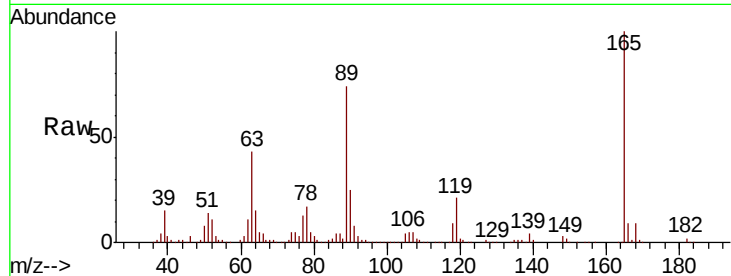
#57
2,4-Dinitrotoluene
Concen: 36.887 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.4	34.9	52.3
89	74.2	57.5	86.3
182	2.4	2.2	3.4

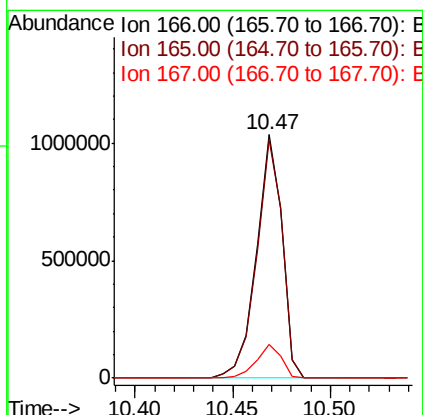
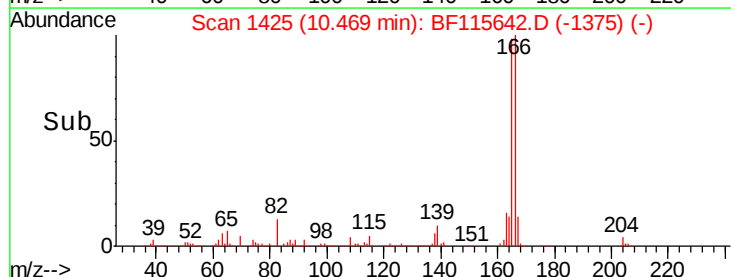
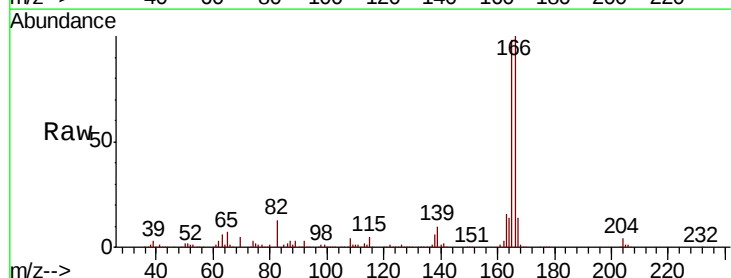
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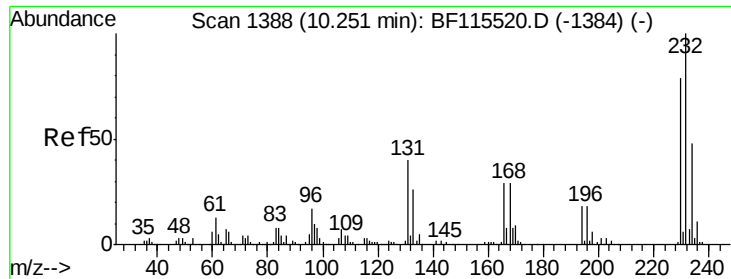
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#58
Fluorene
Concen: 34.929 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.1	79.8	119.6
167	13.8	11.2	16.8





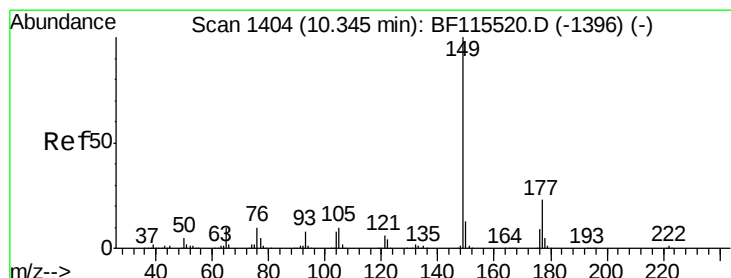
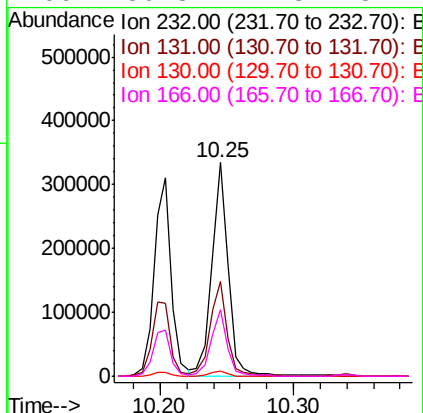
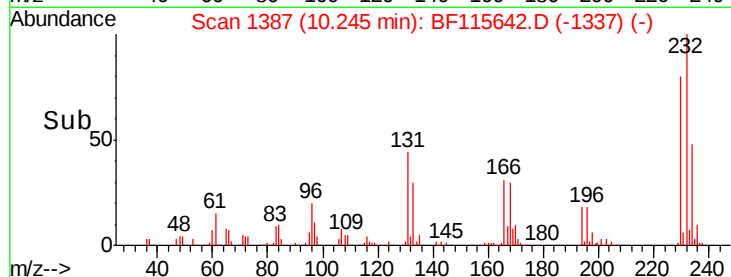
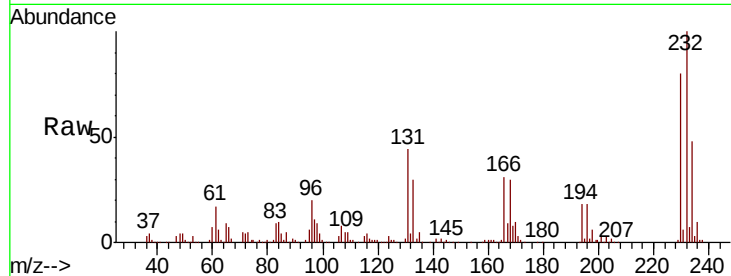
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.217 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	35.9	53.9
130	2.2	1.8	2.6
166	30.3	24.8	37.2

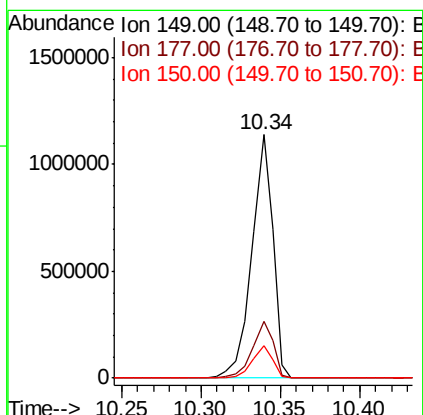
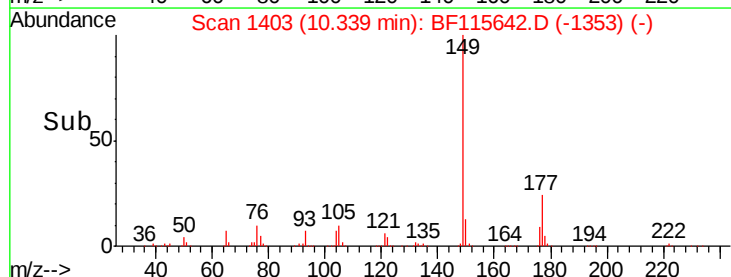
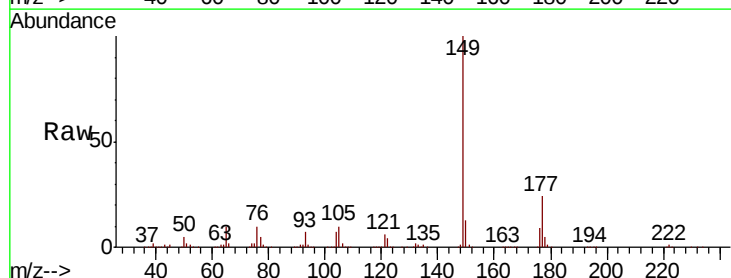
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#60
Diethylphthalate
Concen: 35.050 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.5	29.3
150	13.1	10.4	15.6





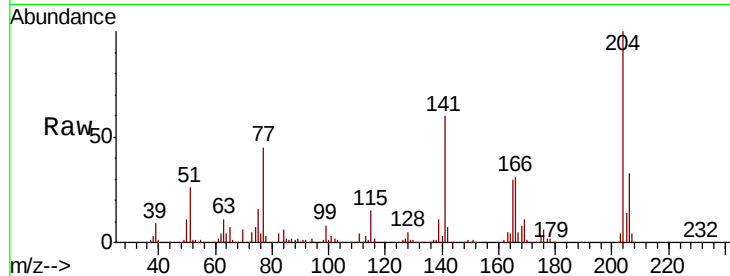
#61
4-Chlorophenyl-phenylether
Concen: 33.590 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	60.0	44.2	66.2

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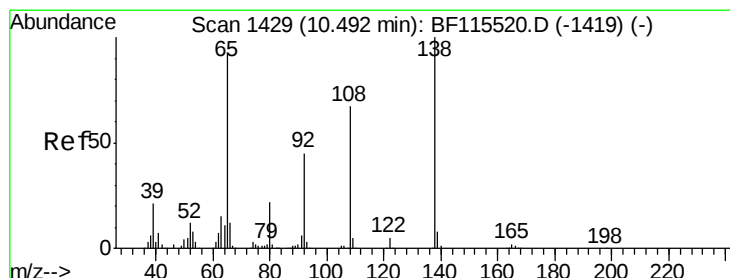
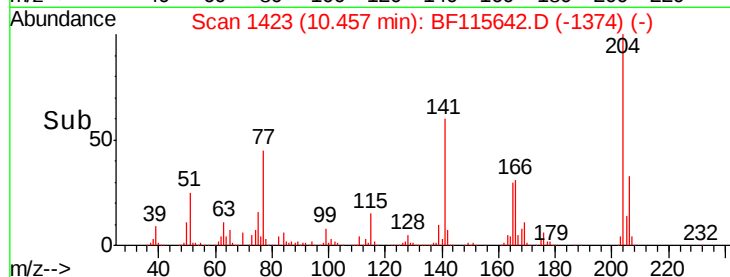
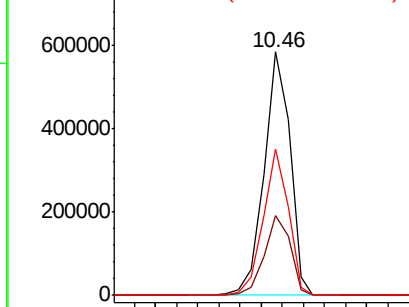


Abundance

Ion 204.00 (203.70 to 204.70): E

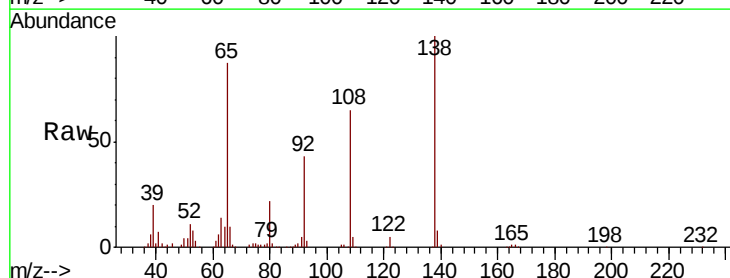
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.674 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.9	27.1	67.1
108	65.3	48.0	88.0

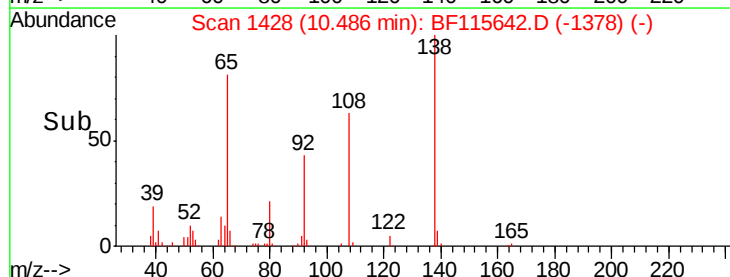
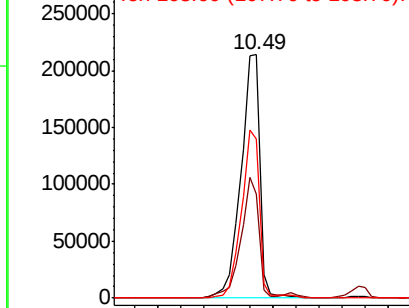


Abundance

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





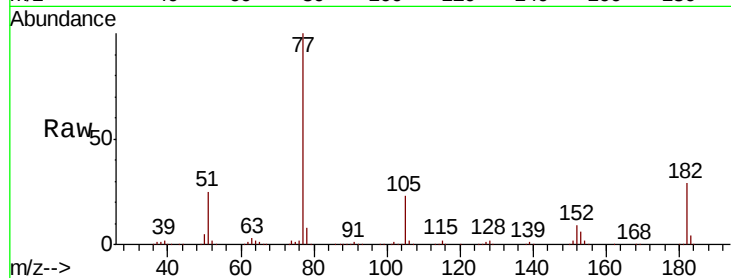
#63
Azobenzene
Concen: 34.269 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.8	6.9	46.9		
105	23.3	3.9	43.9		
51	24.9	7.3	47.3		

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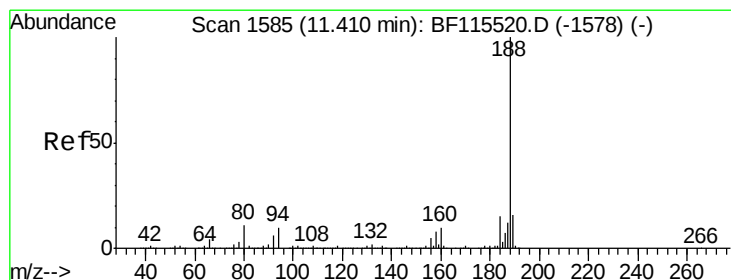
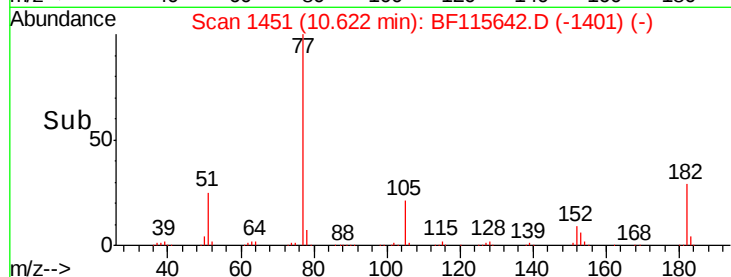
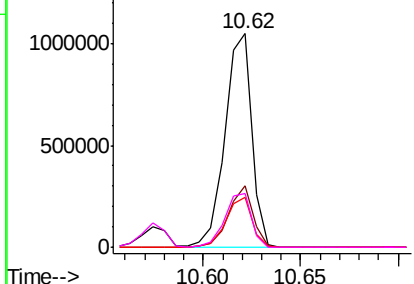
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

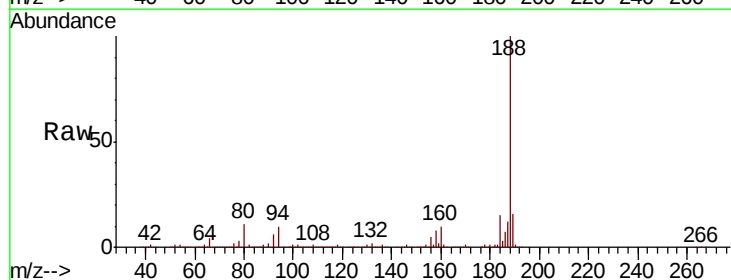
Ion 105.00 (104.70 to 105.70): E

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: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1	7.8	11.6		
80	11.0	8.6	13.0		

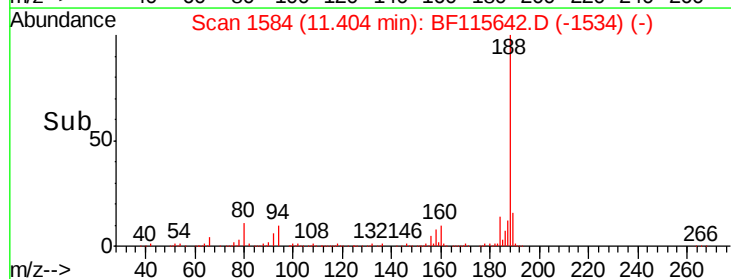
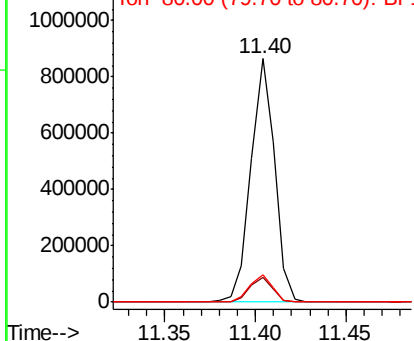


Abundance

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: 35.805 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

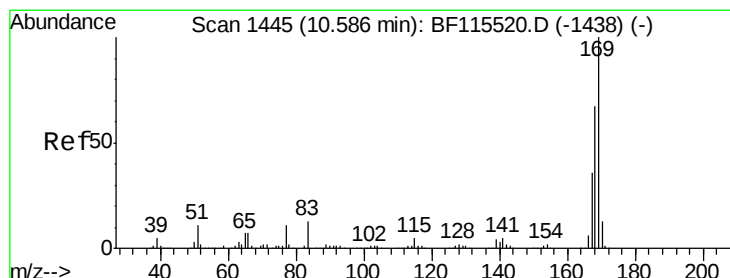
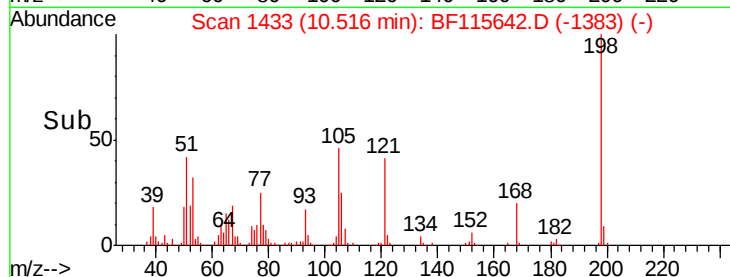
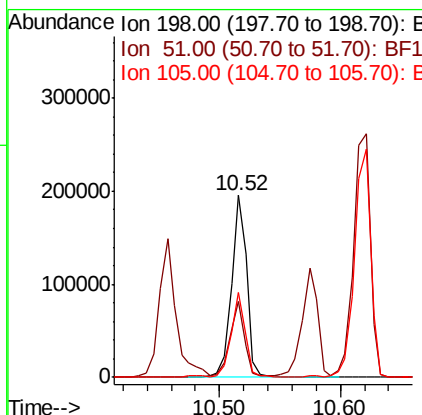
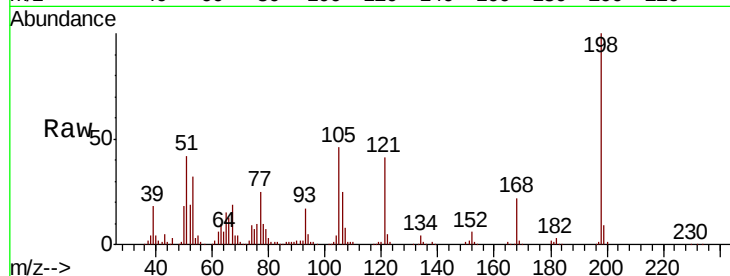
ClientSampleId :

PB121459BS

Tot Ion:	198	Resp:	172537
Ion Ratio	Lower	Upper	
198	100		
51	41.8	19.1	59.1
105	46.4	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 34.524 ng

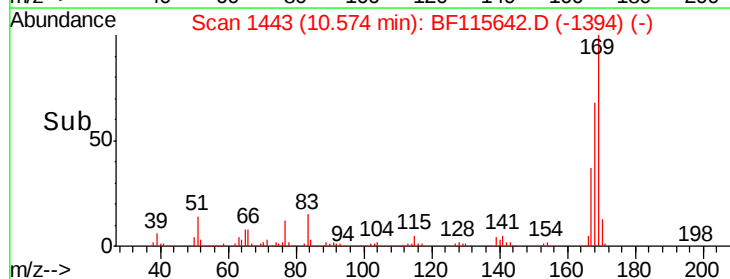
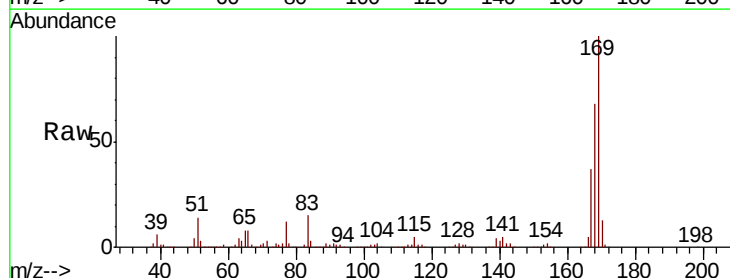
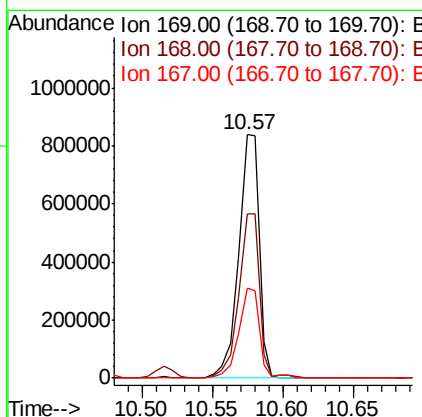
RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	169	Resp:	847026
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.3	81.5
167	36.7	30.2	45.2





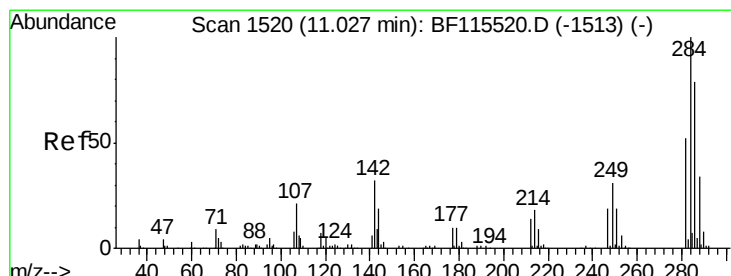
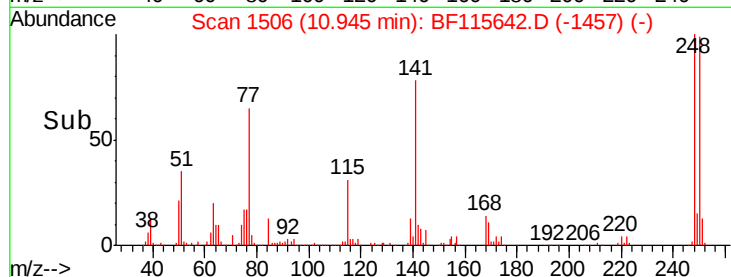
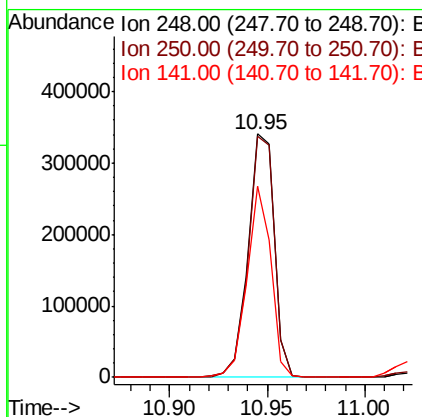
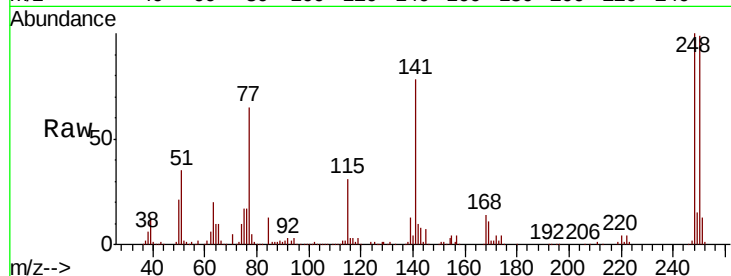
#67
 4-Bromophenyl-phenylether
 Concen: 35.101 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.0	117.0
141	78.3	57.7	86.5

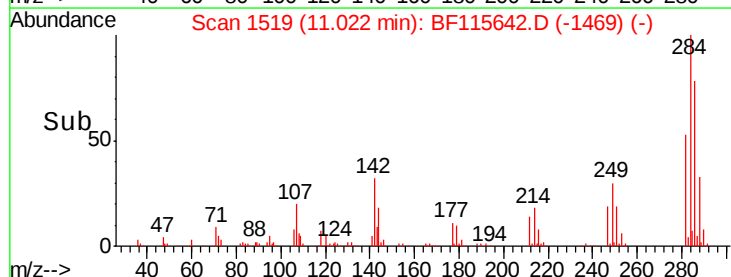
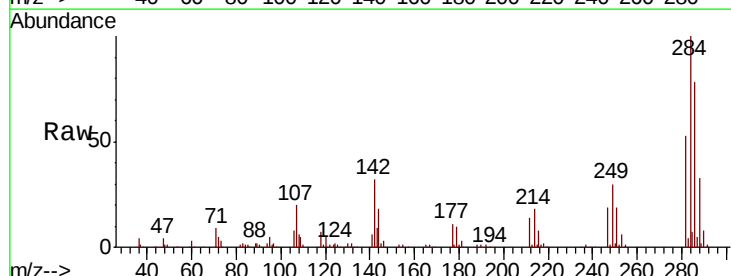
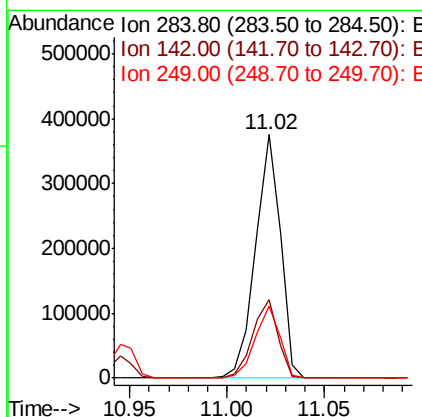
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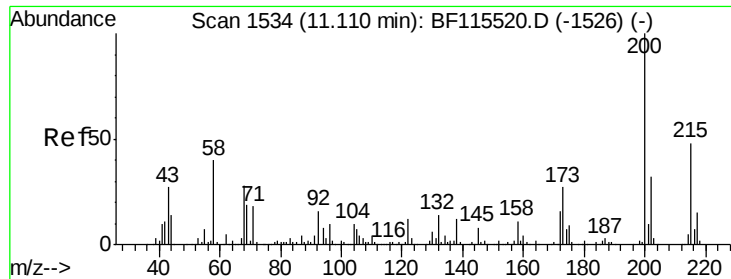
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#68
 Hexachlorobenzene
 Concen: 32.367 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	22.2	33.2
249	29.7	23.4	35.2





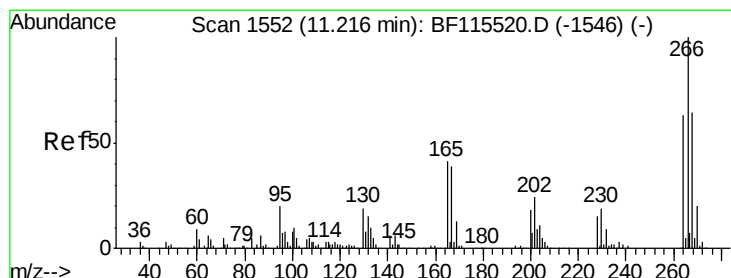
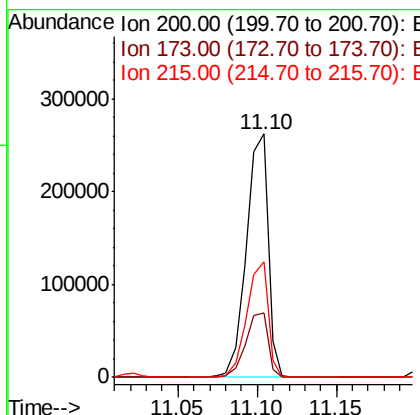
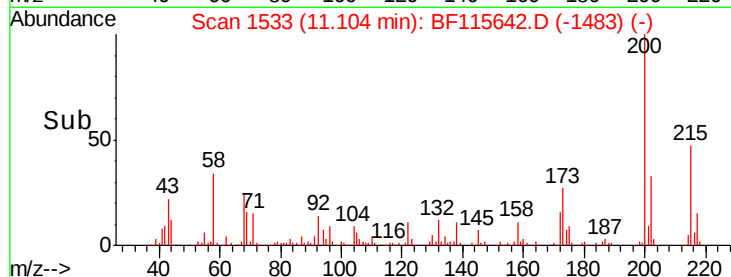
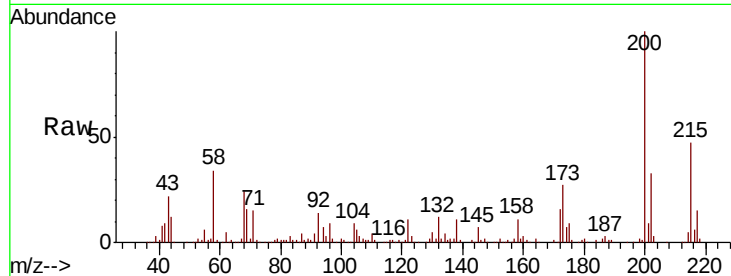
#69
Atrazine
Concen: 31.089 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	6.9	46.9
215	47.5	27.9	67.9

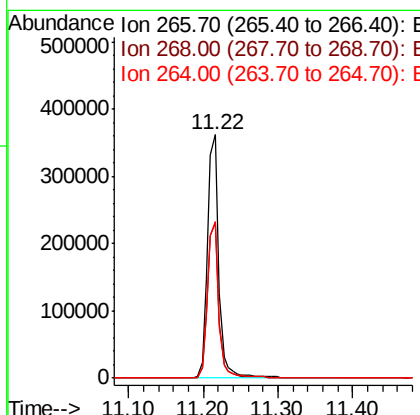
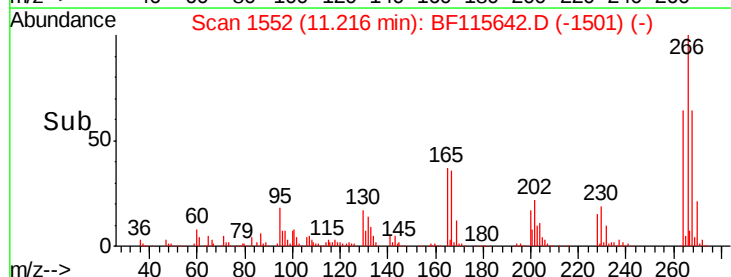
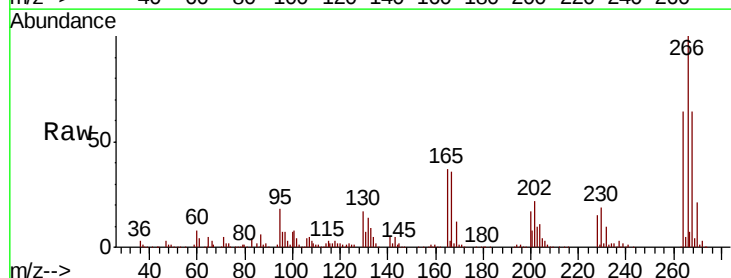
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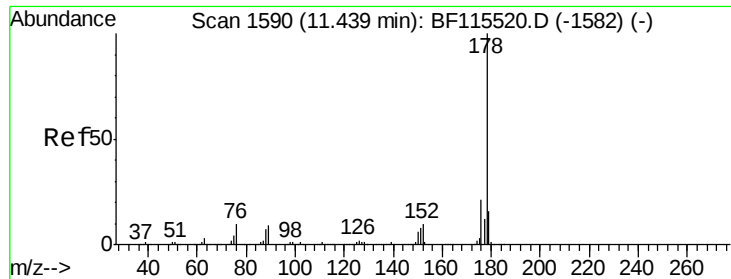
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#70
Pentachlorophenol
Concen: 61.576 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	51.6	77.4
264	64.3	50.6	76.0





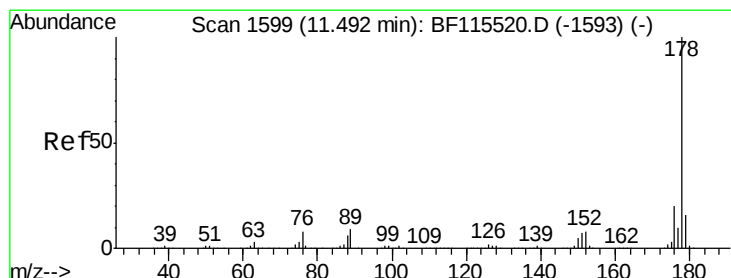
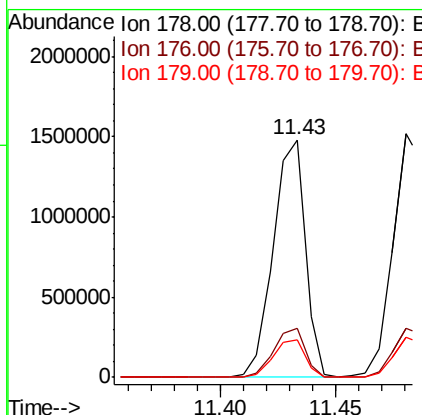
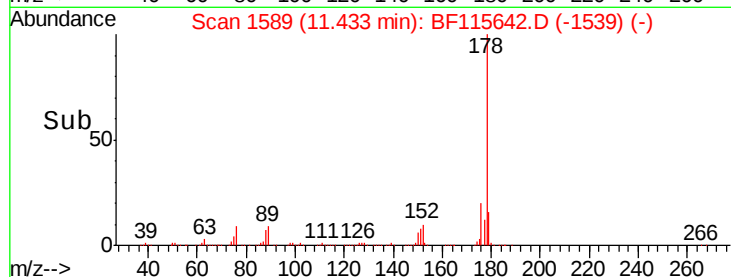
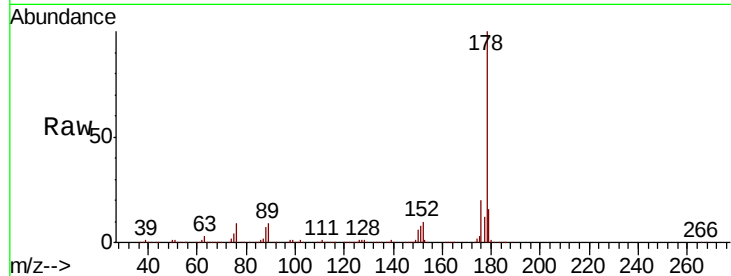
#71
Phenanthrene
Concen: 35.380 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion:178 Resp: 1430365
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.8 13.5 20.3

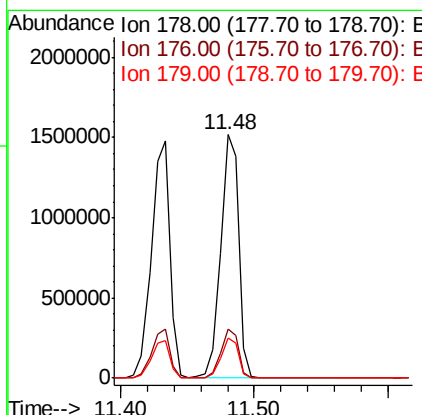
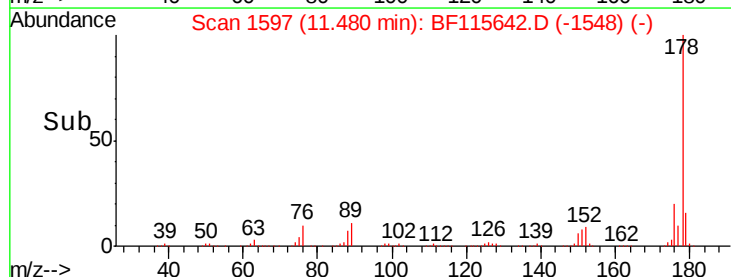
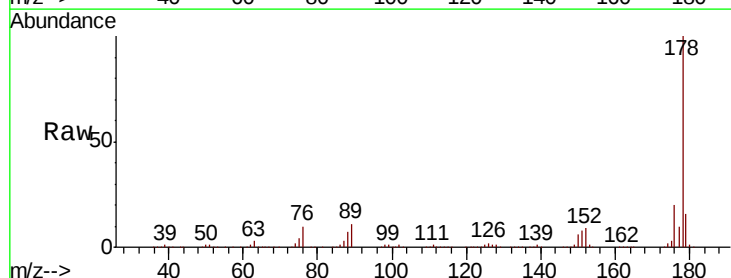
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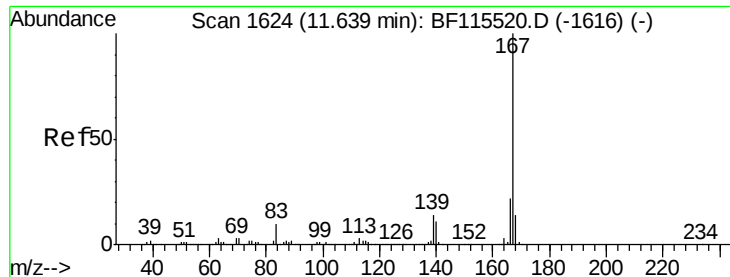
mohammad
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#72
Anthracene
Concen: 34.670 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:178 Resp: 1448588
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.5 12.7 19.1





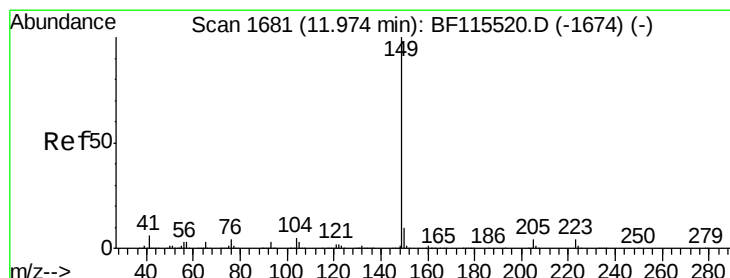
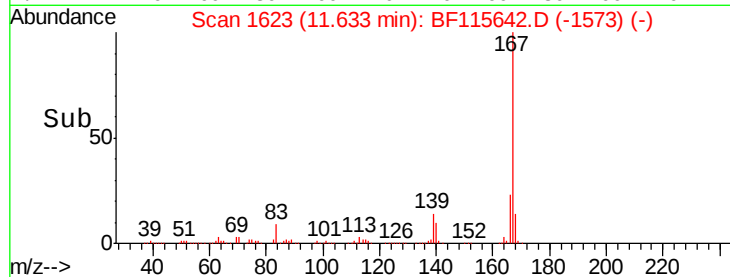
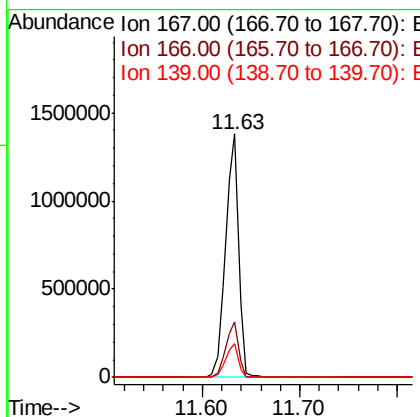
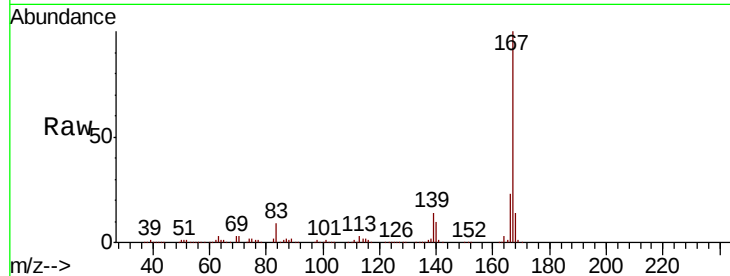
#73
 Carbazole
 Concen: 34.964 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	13.8	11.3	16.9

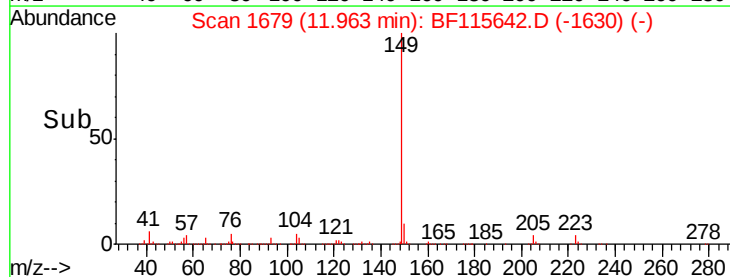
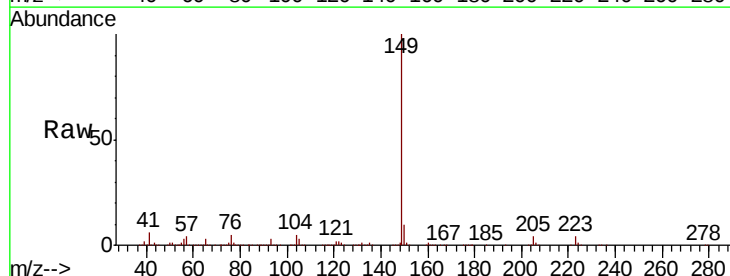
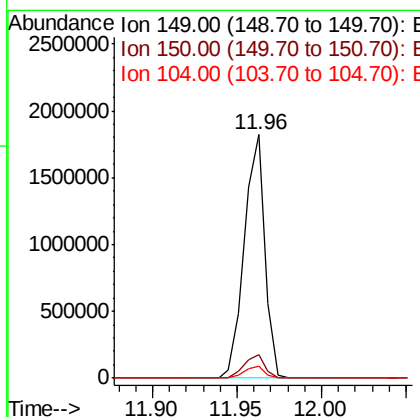
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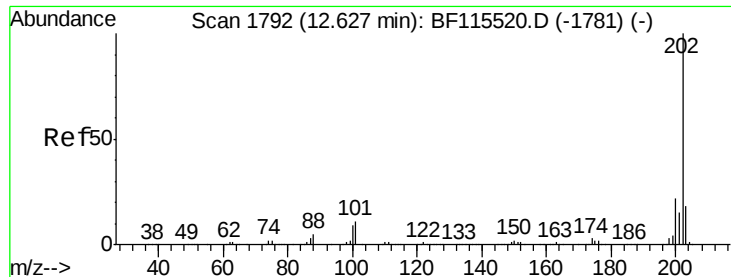
mohammad
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#74
 Di-n-butylphthalate
 Concen: 34.336 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.0	3.8	5.8





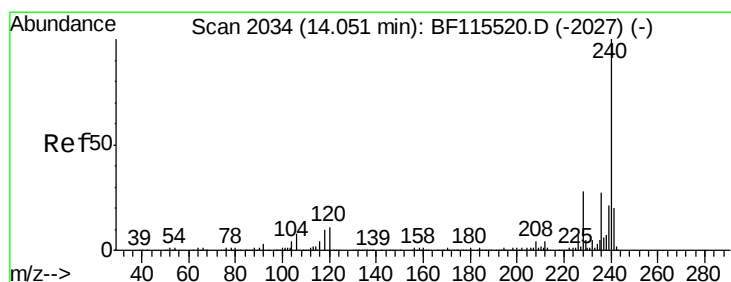
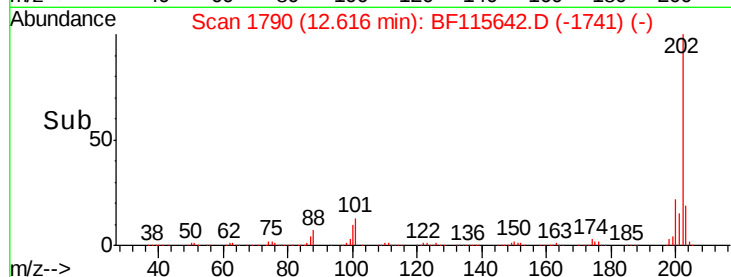
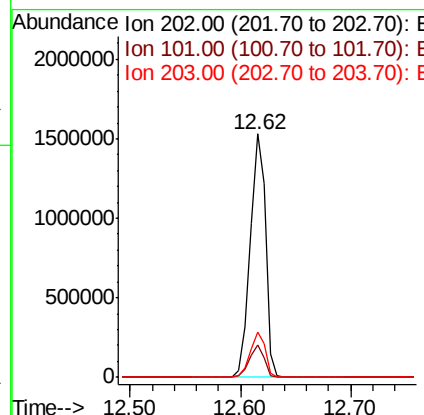
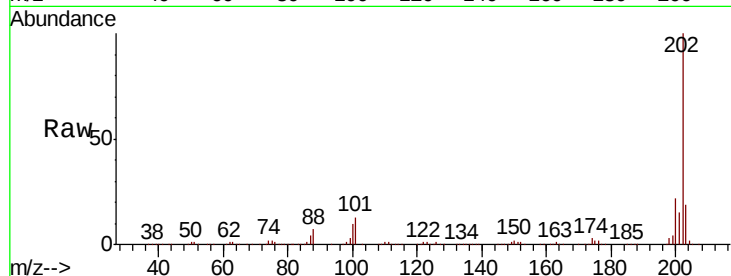
#75
Fluoranthene
Concen: 35.139 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.4
203	18.7	0.0	38.1

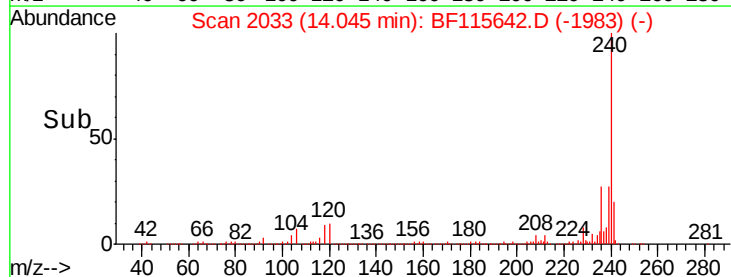
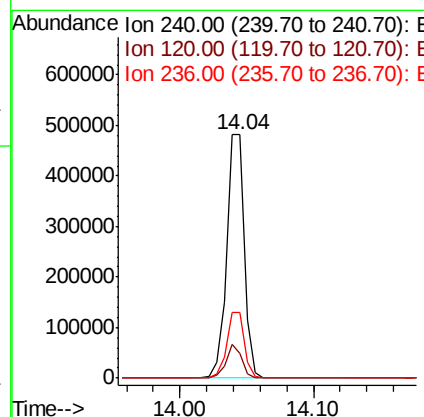
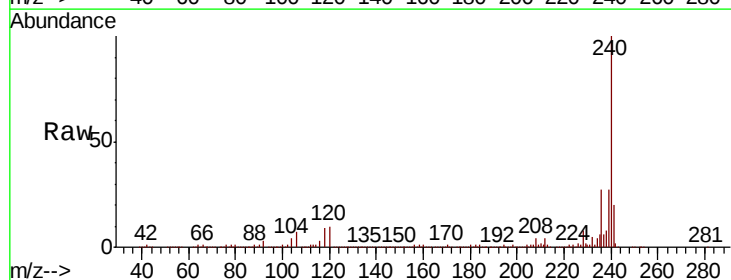
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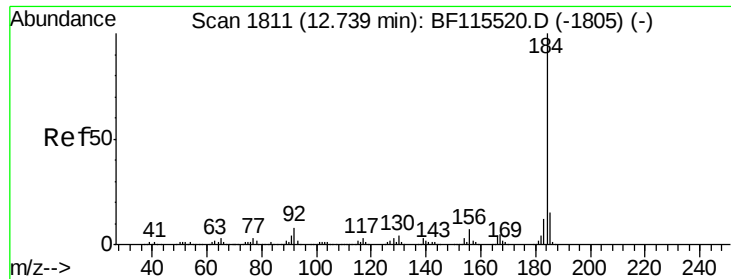
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	27.2	21.3	31.9





#77

Benzidine

Concen: 17.869 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

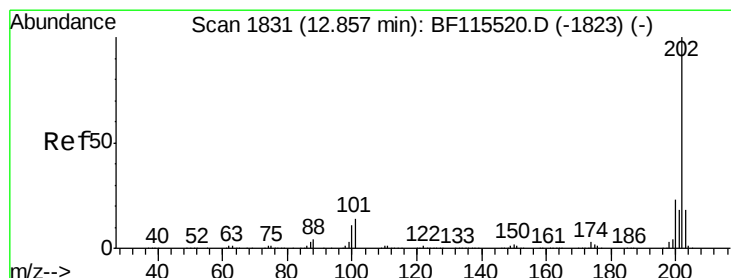
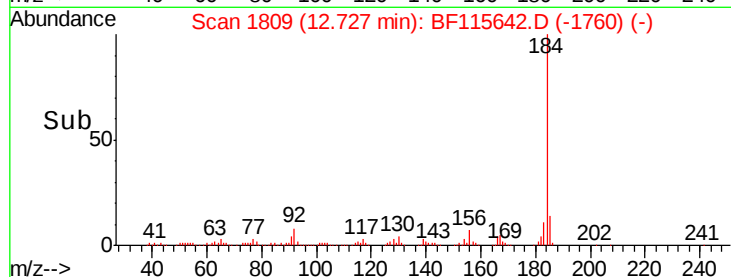
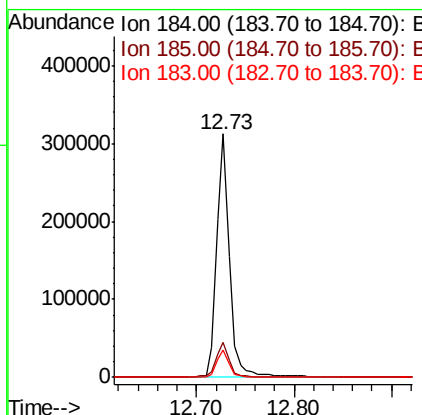
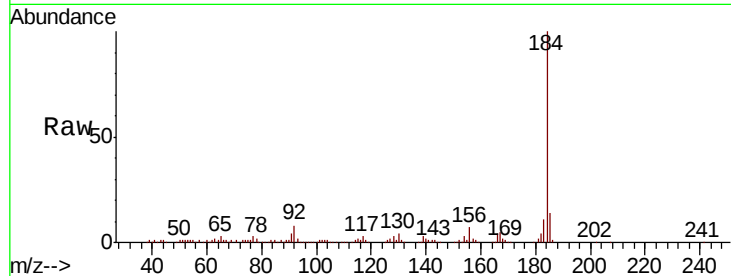
ClientSampleId :

PB121459BS

Tot Ion:	184	Resp:	285902
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.5	9.3	13.9

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#78

Pyrene

Concen: 39.596 ng

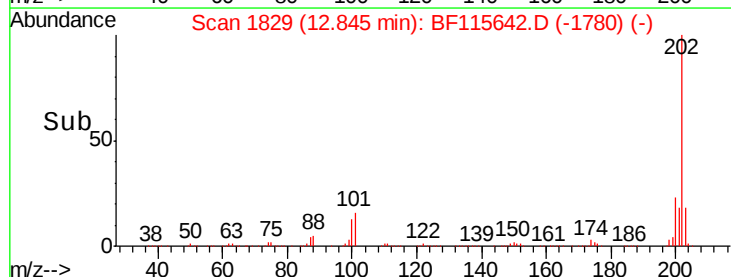
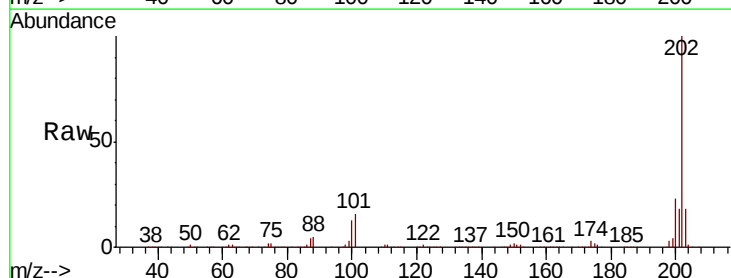
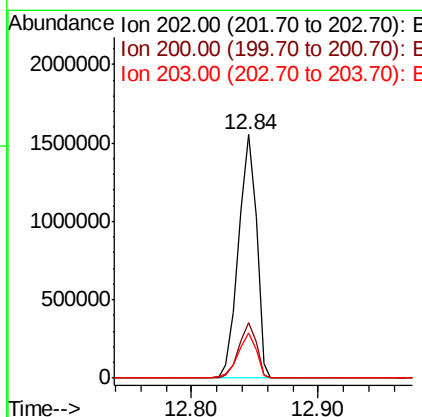
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	202	Resp:	1515184
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.7	28.1
203	18.4	15.2	22.8





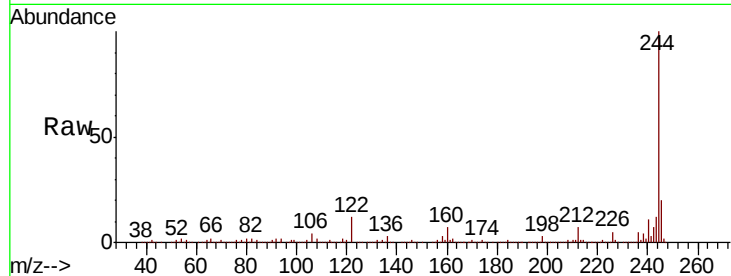
#79
 Terphenyl-d14
 Concen: 78.138 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BS

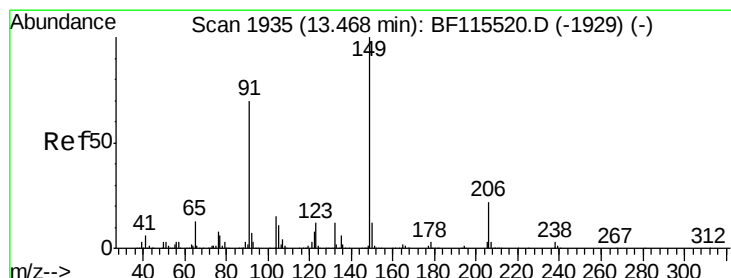
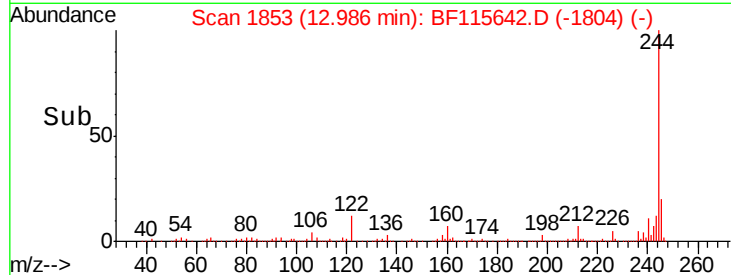
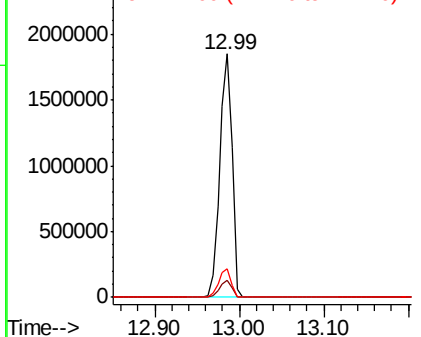
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.8	8.6	12.8

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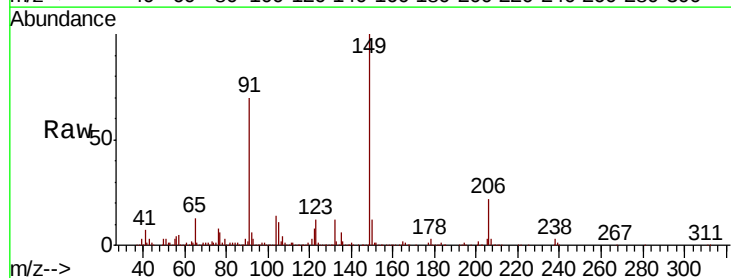


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

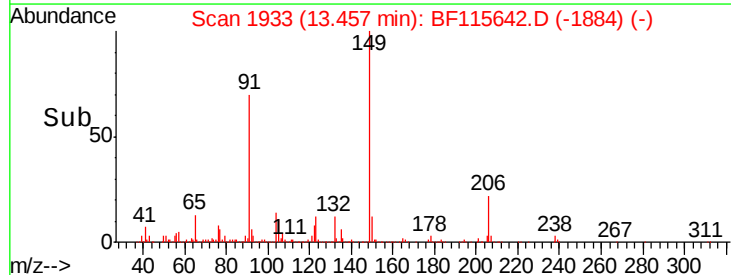
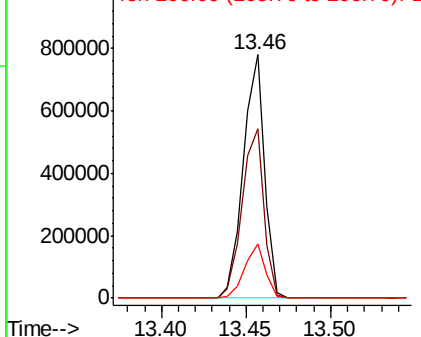


#80
 Butylbenzylphthalate
 Concen: 42.104 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.8	83.8
206	22.1	18.2	27.2



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





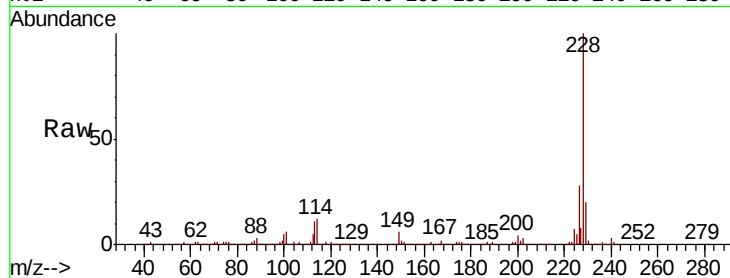
#81
Benzo(a)anthracene
Concen: 35.820 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	20.3	17.2	25.8

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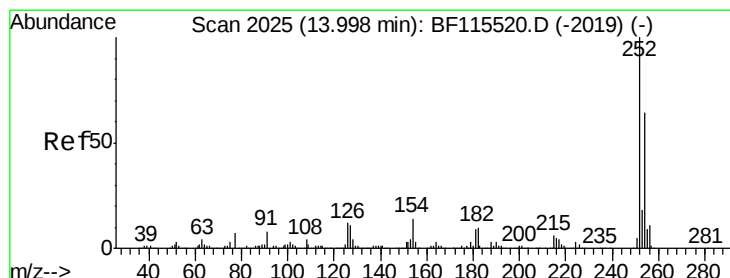
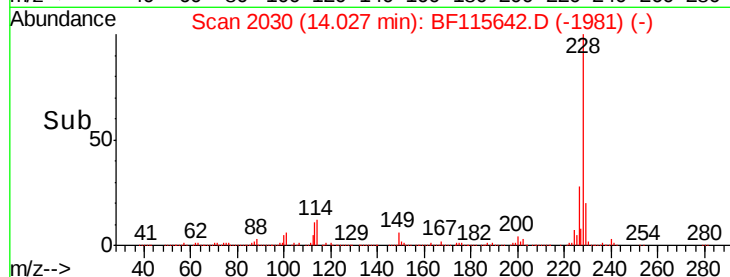
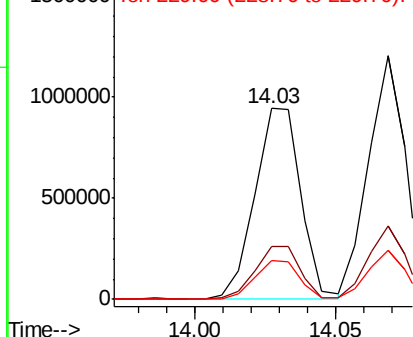


Abundance

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: 30.741 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

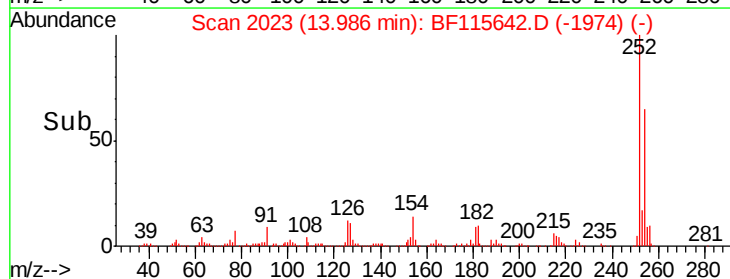
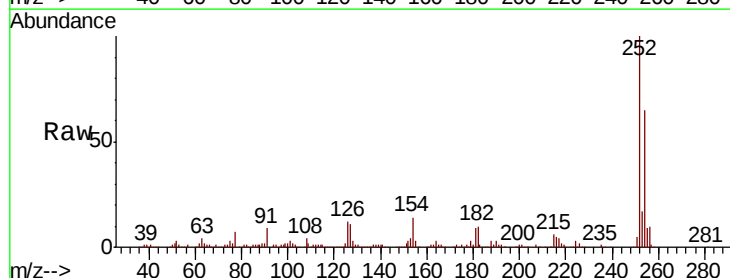
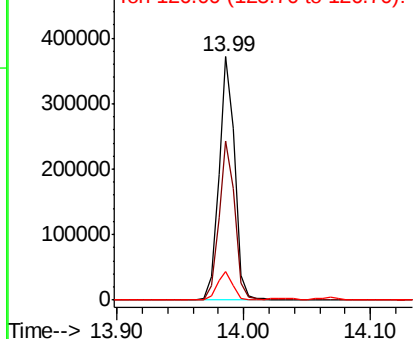
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.9	79.3
126	11.9	9.9	14.9

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





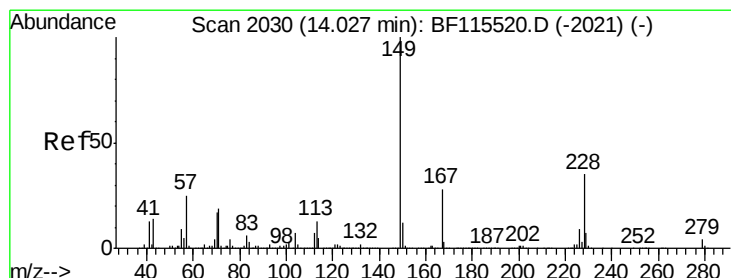
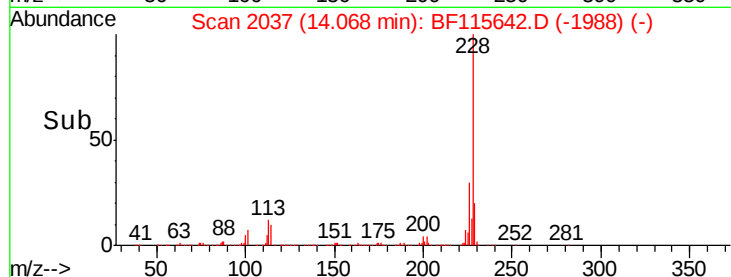
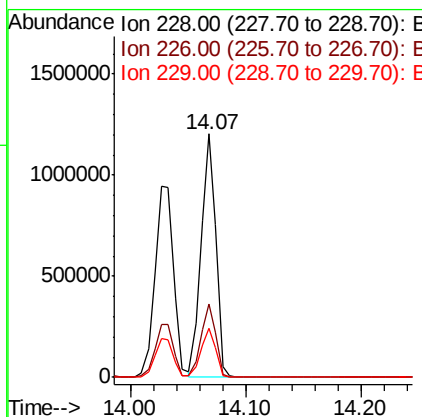
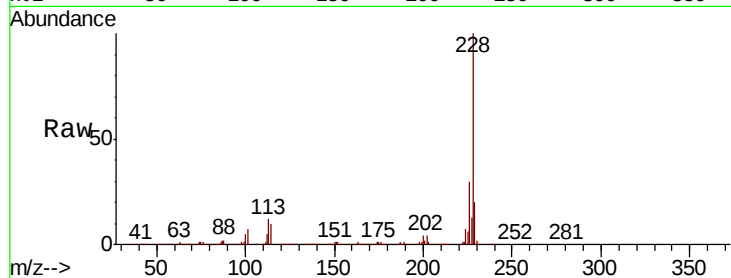
#83
Chrysene
Concen: 36.265 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.4	25.7	38.5	
229	20.1	16.6	25.0	

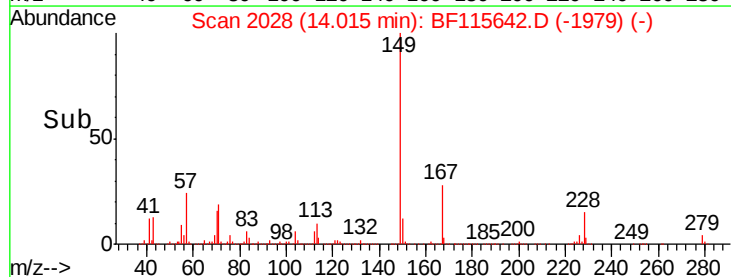
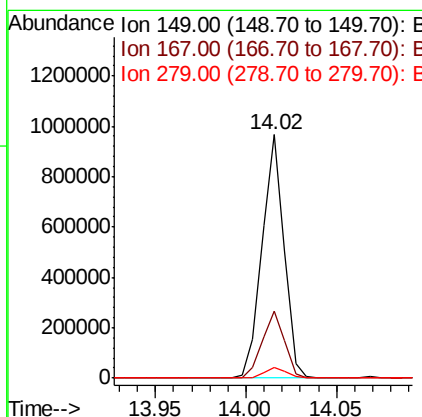
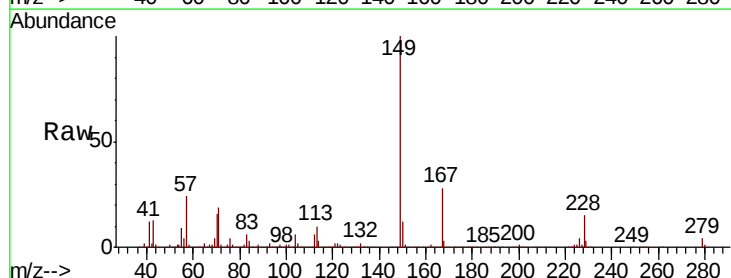
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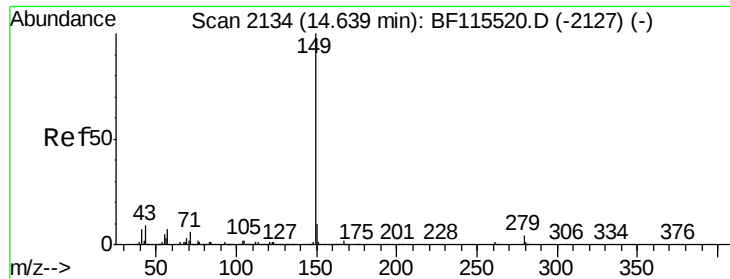
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.504 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.7	23.0	34.4	
279	4.4	4.2	6.2	





#85

Di-n-octyl phthalate

Concen: 40.784 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

PB121459BS

Tot Ion:149 Resp: 1311215

Ion Ratio Lower Upper

149 100

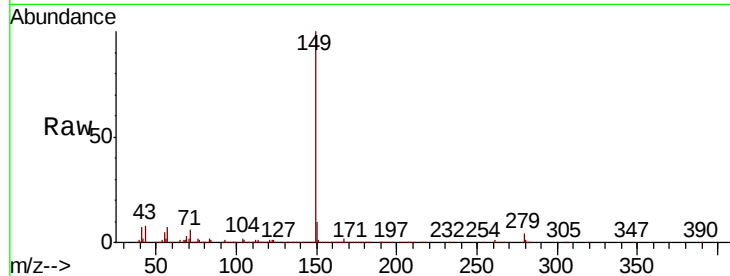
167 1.7 1.4 2.0

43 8.5 7.2 10.8

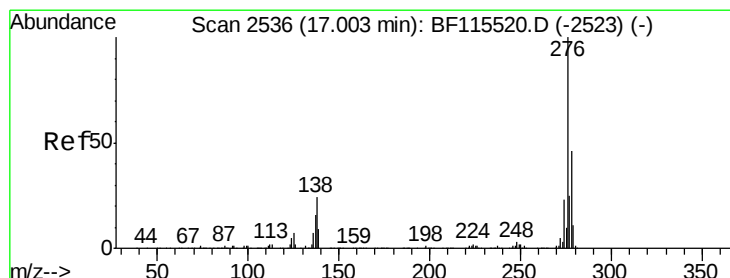
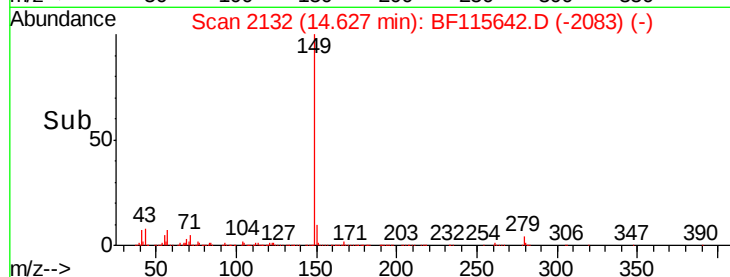
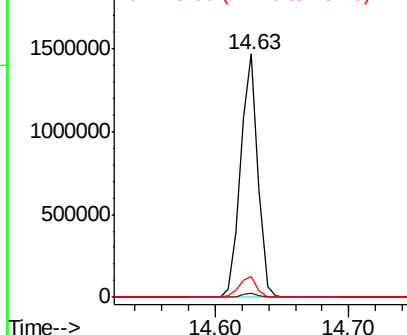
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.083 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

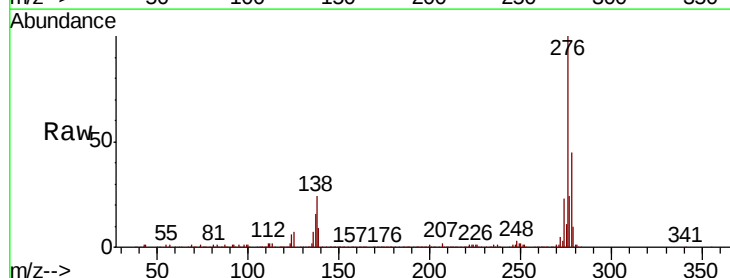
Tgt Ion:276 Resp: 941059

Ion Ratio Lower Upper

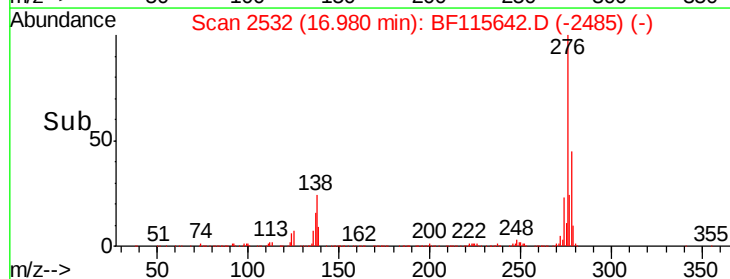
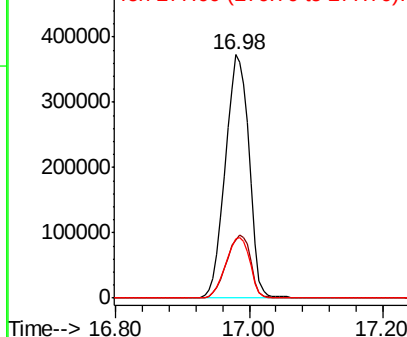
276 100

138 26.6 20.2 30.2

277 25.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





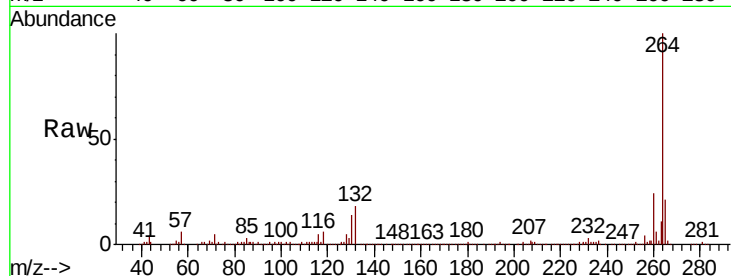
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	21.3	17.7	26.5

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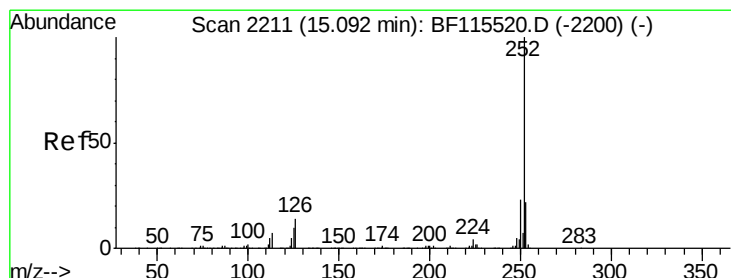
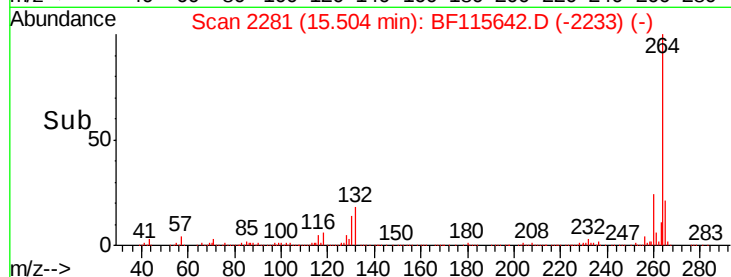
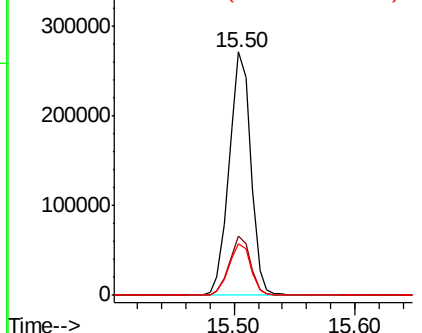


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.410 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

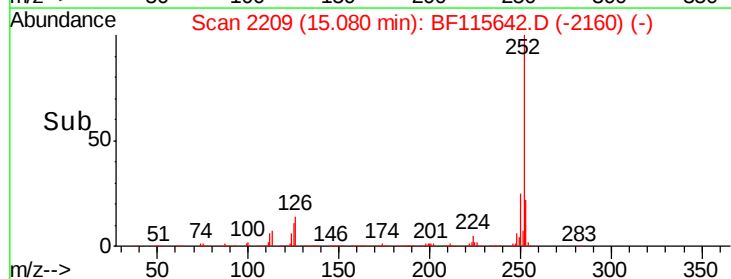
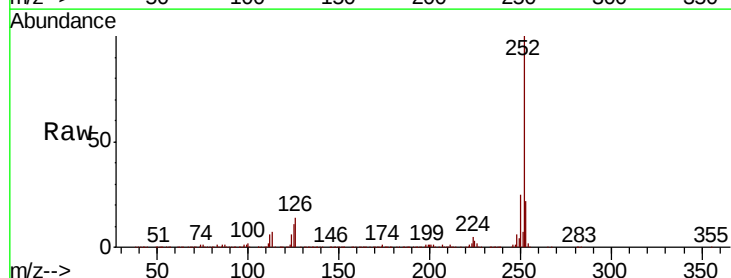
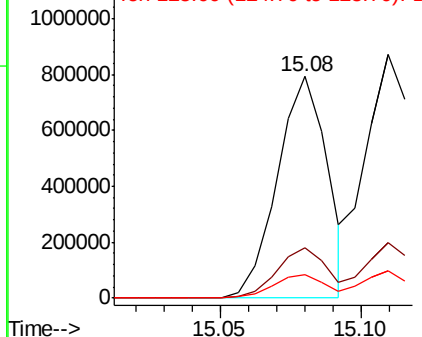
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.8	9.0	13.4

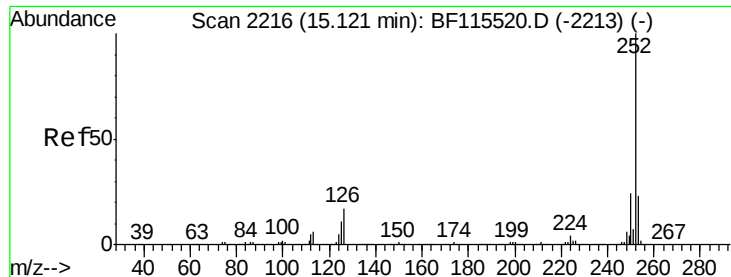
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





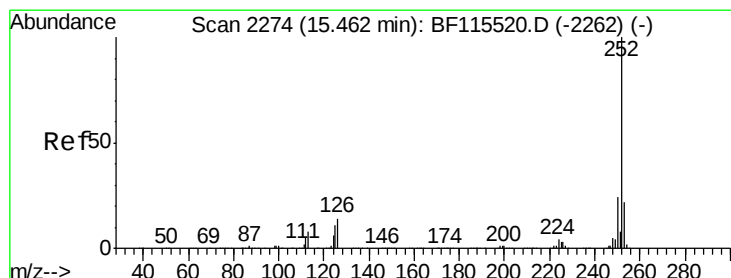
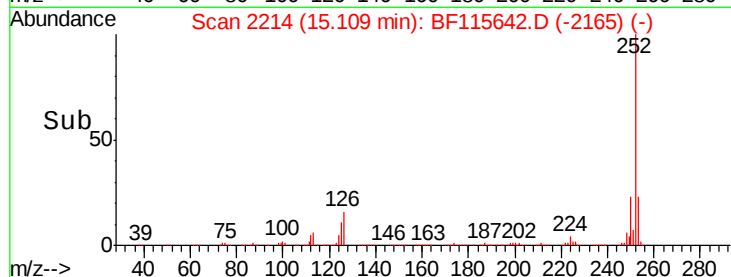
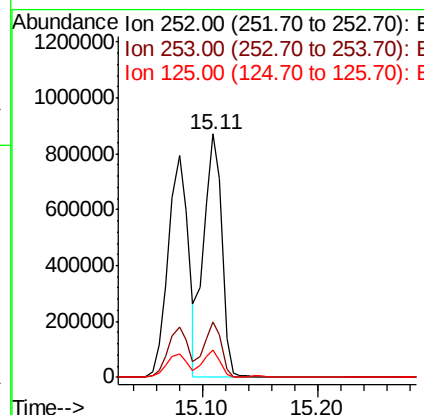
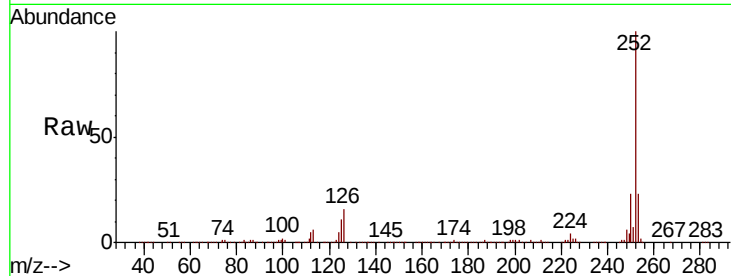
#89
Benzo(k)fluoranthene
Concen: 48.765 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	954618		
253	22.6	18.6	28.0	
125	11.0	9.0	13.6	

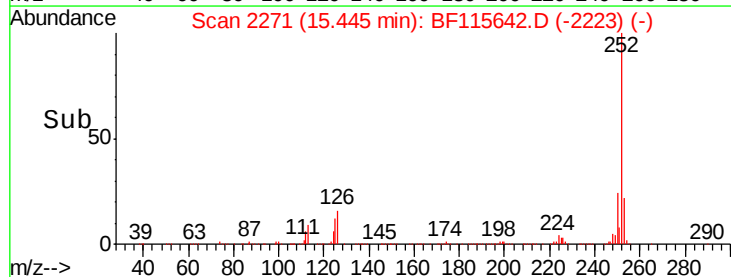
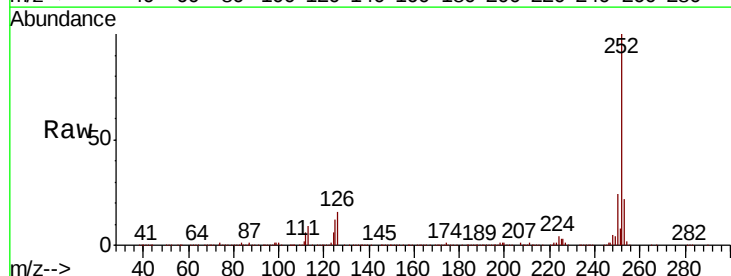
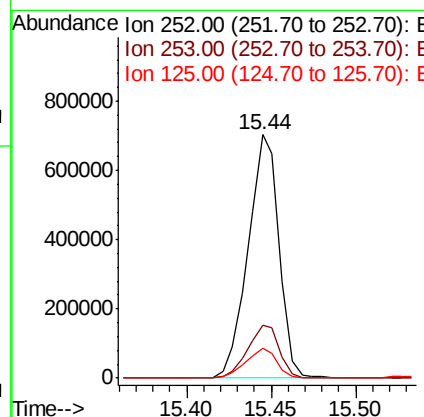
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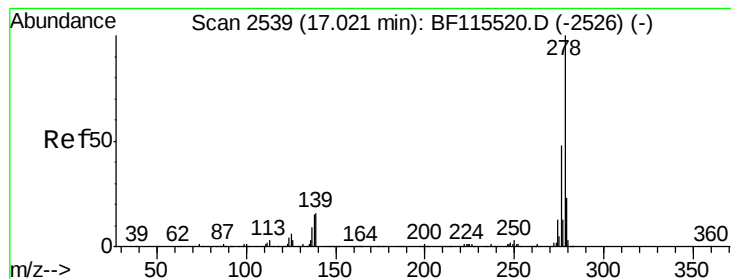
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#90
Benzo(a)pyrene
Concen: 47.487 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	896168		
253	22.0	17.8	26.6	
125	12.0	9.1	13.7	





#91

Dibenzo(a,h)anthracene

Concen: 47.642 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

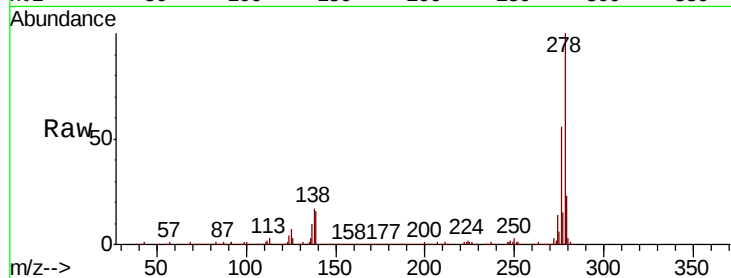
ClientSampleId :

PB121459BS

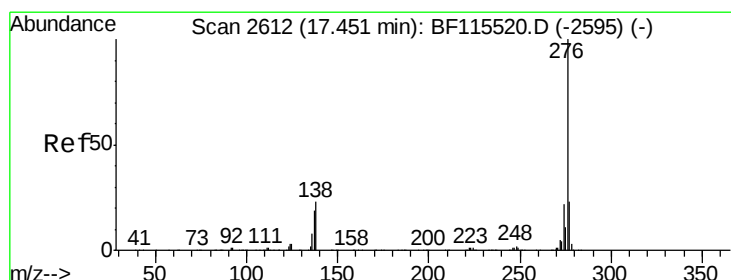
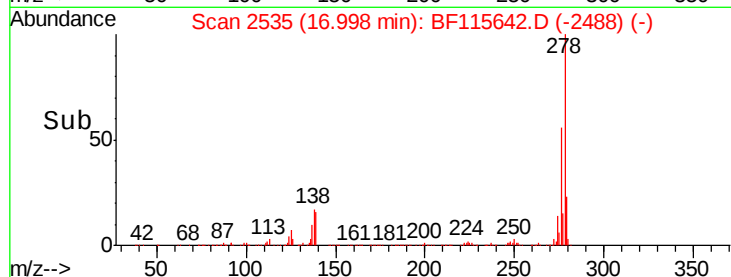
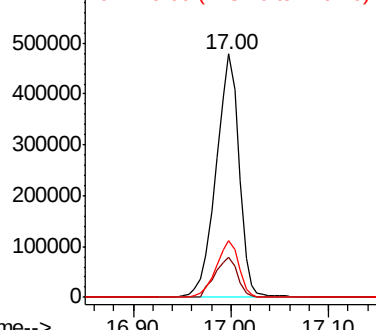
Tot Ion:	278	Resp:	789326
Ion Ratio		Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.4	19.6	29.4

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.353 ng

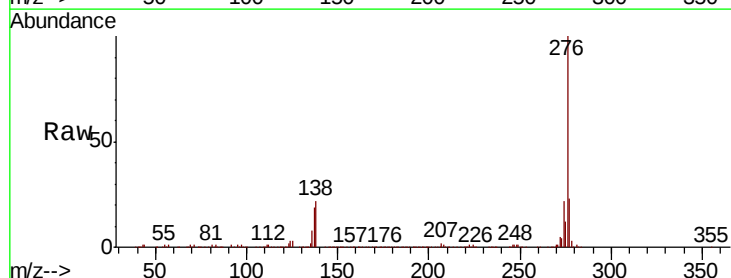
RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:	276	Resp:	831995
Ion Ratio		Lower	Upper
276	100		
277	22.8	19.0	28.4
138	21.7	17.2	25.8



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

