

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115706.D
 Acq On : 22 Jul 2019 13:46
 Operator : HP/JU
 Sample : PB121584BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121584BS

Manual Integrations
 APPROVED

mohammad
 7/23/2019 4:24:25 PM

Quant Time: Jul 23 01:56:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179463	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742994	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	380194	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	726548	20.00	ng	0.00
76) Chrysene-d12	14.04	240	501279	20.00	ng	0.00
87) Perylene-d12	15.52	264	366850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1222629	111.44	ng	0.01
7) Phenol-d6	6.52	99	1595433	114.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	999306	78.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	475620	107.18	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1811760	83.41	ng	-0.01
79) Terphenyl-d14	12.99	244	2001435	73.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	203219	37.132	ng	98
3) Pyridine	3.50	79	455668	30.688	ng	99
4) n-Nitrosodimethylamine	3.45	42	211104	39.190	ng	89
6) Aniline	6.54	93	483183	24.940	ng	97
8) 2-Chlorophenol	6.67	128	496444	39.356	ng	100
9) Benzaldehyde	6.43	77	207900	23.897	ng	100
10) Phenol	6.53	94	619820	38.352	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	476659	38.739	ng	99
12) 1,3-Dichlorobenzene	6.82	146	516314	36.405	ng	98
13) 1,4-Dichlorobenzene	6.90	146	521234	36.835	ng	97
14) 1,2-Dichlorobenzene	7.05	146	487451	37.683	ng	97
15) Benzyl Alcohol	7.02	79	405430	36.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	644632	39.794	ng	99
17) 2-Methylphenol	7.13	107	454054	41.768	ng	98
18) Hexachloroethane	7.39	117	190358	36.243	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	344692	37.964	ng	96
20) 3+4-Methylphenols	7.29	107	508872	39.409	ng	# 89
22) Acetophenone	7.29	105	676256	40.289	ng	# 99
24) Nitrobenzene	7.46	77	552083	40.058	ng	94
25) Isophorone	7.70	82	1005439	39.323	ng	98
26) 2-Nitrophenol	7.77	139	281806	39.725	ng	96
27) 2,4-Dimethylphenol	7.82	122	467290	44.025	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	622955	39.714	ng	98
29) 2,4-Dichlorophenol	8.02	162	443381	40.166	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	474297	38.011	ng	99
31) Naphthalene	8.19	128	1439215	39.997	ng	98
32) Benzoic acid	7.95	122	324979	37.308	ng	97
33) 4-Chloroaniline	8.23	127	392366	24.617	ng	99
34) Hexachlorobutadiene	8.30	225	266274	37.212	ng	99
35) Caprolactam	8.60	113	140145m	41.085	ng	
36) 4-Chloro-3-methylphenol	8.72	107	463622	40.489	ng	99
37) 2-Methylnaphthalene	8.87	142	979727	41.075	ng	98
38) 1-Methylnaphthalene	8.97	142	922233	40.706	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	447646	39.099	ng	98

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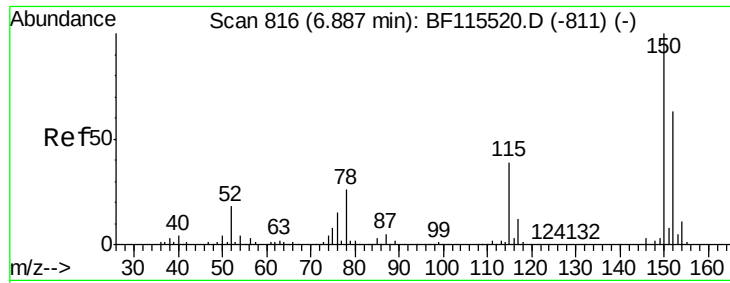
Manual Integrations
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Quant Time: Jul 23 01:56:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	310591	47.557	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	303350	36.231	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	341009	39.771	ng	98
46) 1,1'-Biphenyl	9.34	154	1193330	40.148	ng	98
47) 2-Chloronaphthalene	9.37	162	943950	38.141	ng	96
48) 2-Nitroaniline	9.46	65	291573	38.063	ng	98
49) Acenaphthylene	9.78	152	1417756	38.660	ng	99
50) Dimethylphthalate	9.64	163	1114199	38.952	ng	99
51) 2,6-Dinitrotoluene	9.70	165	253865	39.053	ng	95
52) Acenaphthene	9.96	154	867010	36.620	ng	99
53) 3-Nitroaniline	9.87	138	199744	26.889	ng	100
54) 2,4-Dinitrophenol	9.98	184	250399	75.025	ng	99
55) Dibenzofuran	10.13	168	1283369	38.169	ng	99
56) 4-Nitrophenol	10.04	139	403708	71.267	ng	93
57) 2,4-Dinitrotoluene	10.10	165	335347	39.819	ng	97
58) Fluorene	10.47	166	965710	40.177	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	288249	40.215	ng	99
60) Diethylphthalate	10.34	149	1074686	40.098	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	497867	37.351	ng	97
62) 4-Nitroaniline	10.49	138	256387	35.981	ng	98
63) Azobenzene	10.62	77	1066946	41.042	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	167033	37.629	ng	92
66) n-Nitrosodiphenylamine	10.57	169	890355	39.396	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	313203	37.723	ng	99
68) Hexachlorobenzene	11.02	284	355223	37.464	ng	# 94
69) Atrazine	11.10	200	242672	32.731	ng	99
70) Pentachlorophenol	11.22	266	396132	68.308	ng	99
71) Phenanthrene	11.43	178	1450652	38.952	ng	98
72) Anthracene	11.48	178	1482750	38.525	ng	99
73) Carbazole	11.63	167	1325646	39.277	ng	100
74) Di-n-butylphthalate	11.96	149	1666037	40.074	ng	99
75) Fluoranthene	12.62	202	1520075	38.625	ng	100
77) Benzidine	12.73	184	295546	16.643	ng	98
78) Pyrene	12.85	202	1549280	36.479	ng	98
80) Butylbenzylphthalate	13.46	149	710348	39.235	ng	95
81) Benzo(a)anthracene	14.03	228	1273147	38.552	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	393842	33.547	ng	98
83) Chrysene	14.07	228	1265261	38.166	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	971829	43.335	ng	99
85) Di-n-octyl phthalate	14.63	149	1565761	43.881	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1103319	39.173	ng	100
88) Benzo(b)fluoranthene	15.09	252	1199632	50.784	ng	98
89) Benzo(k)fluoranthene	15.12	252	1084355	51.488	ng	98
90) Benzo(a)pyrene	15.46	252	1057946	52.108	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	939260	52.696	ng	99
92) Benzo(g,h,i)perylene	17.45	276	909242	51.149	ng	99

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



#1

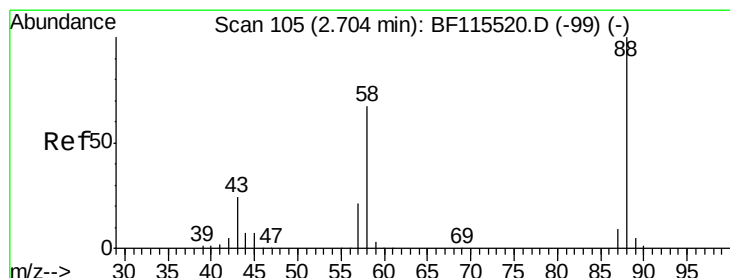
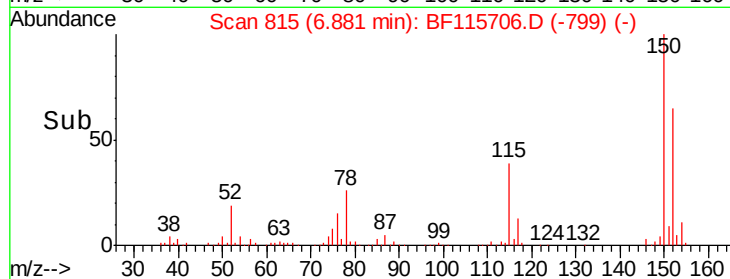
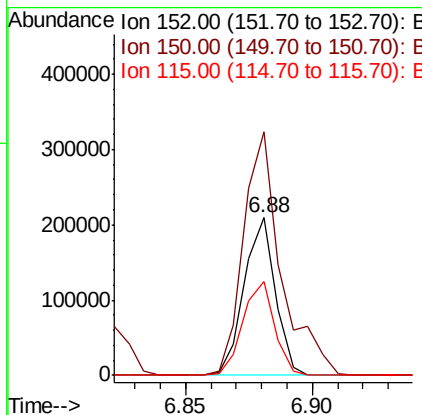
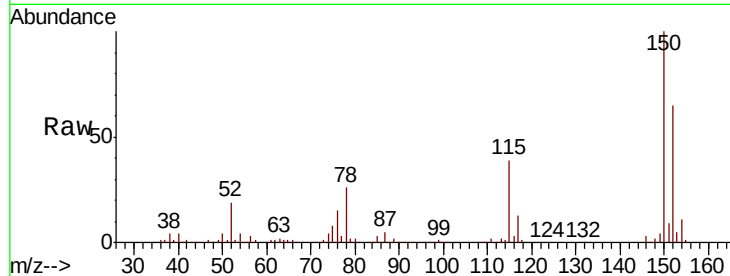
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.7	194.5
115	59.6	48.2	72.4

Manual Integrations
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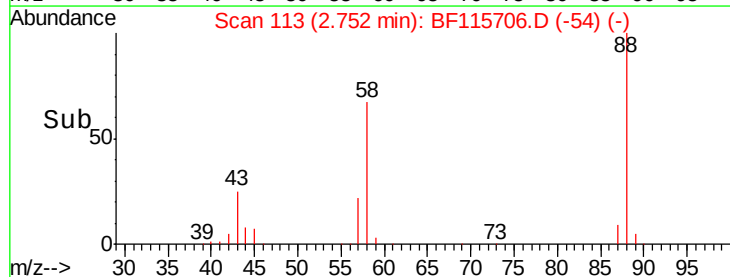
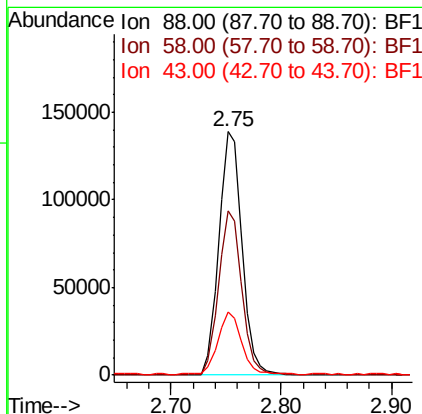
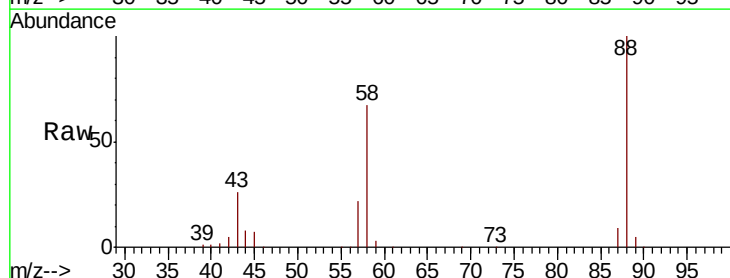
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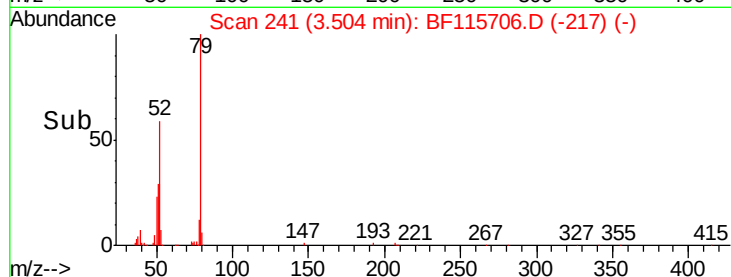
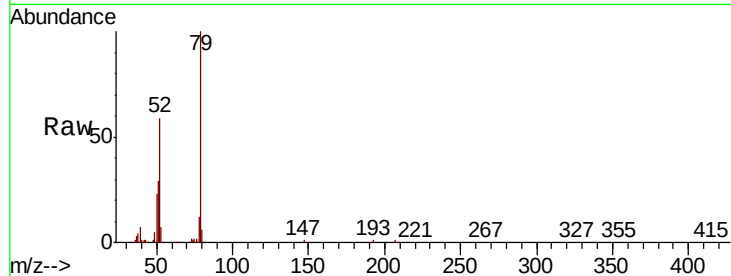
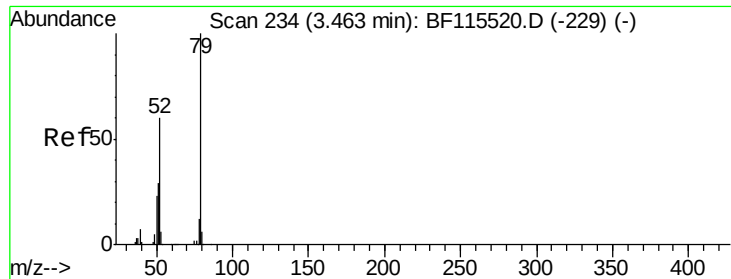


#2

1,4-Dioxane
Concen: 37.132 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.05 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	52.6	79.0
43	25.6	19.1	28.7





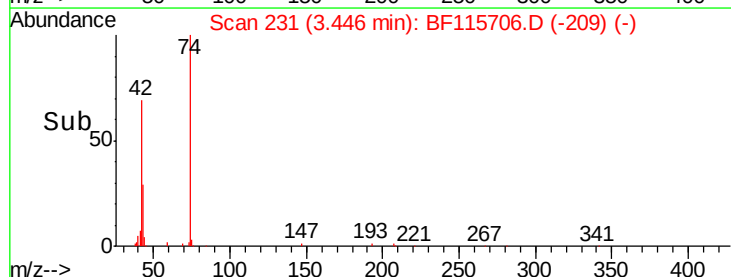
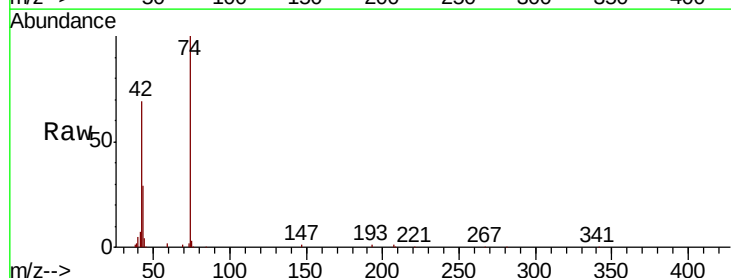
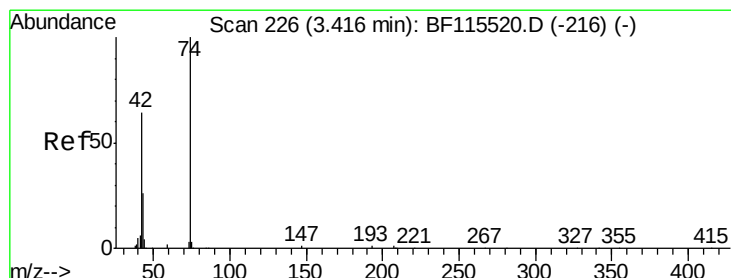
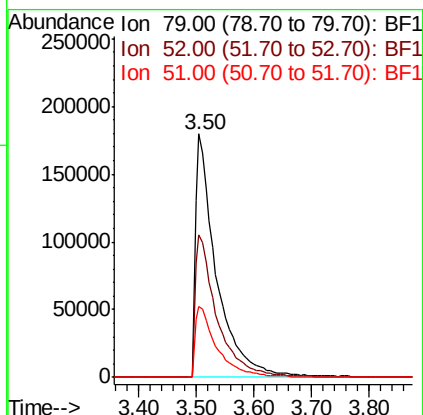
#3
Pvridine
Concen: 30.688 ng
RT: 3.50 min Scan# 241
Delta R.T. 0.04 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.7	47.8	71.6
51	29.2	23.8	35.8

Instrument :
BNA_F
ClientSampleId :
PB121584BS

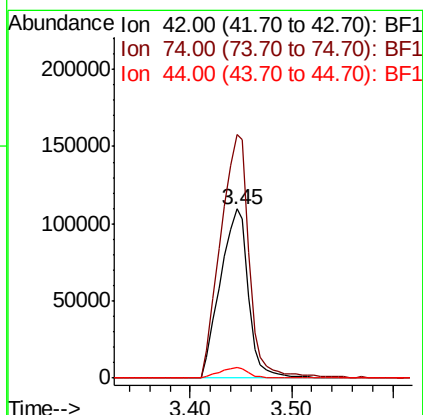
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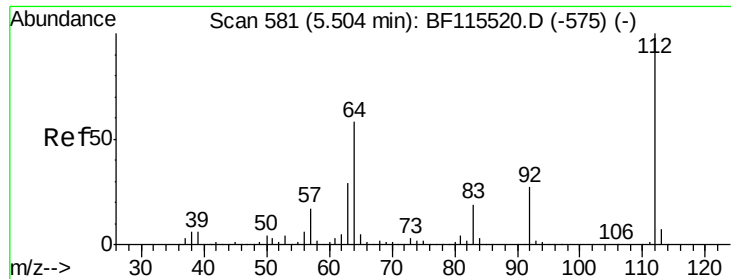
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#4
n-Nitrosodimethylamine
Concen: 39.190 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.03 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.0	127.5	191.3
44	6.1	5.0	7.6





#5

2-Fluorophenol

Concen: 111.436 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB121584BS

Tot Ion:112 Resp: 1222629

Ion Ratio Lower Upper

112 100

64 56.2 46.8 70.2

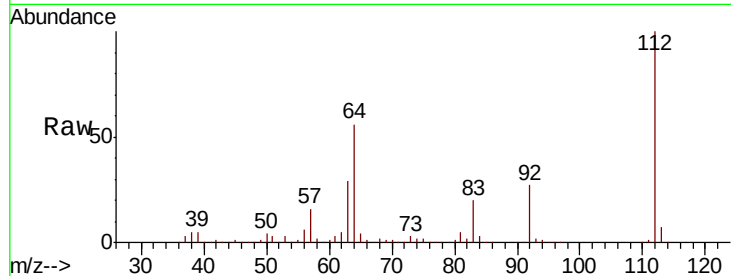
63 28.9 24.1 36.1

Manual Integrations

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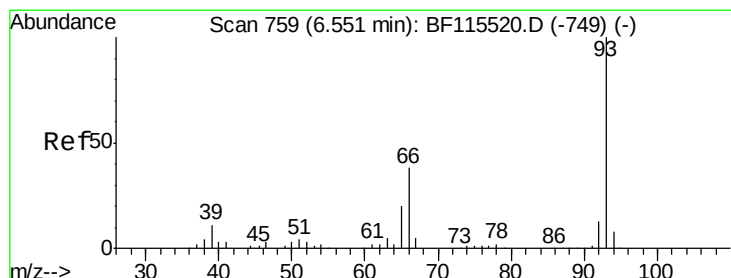
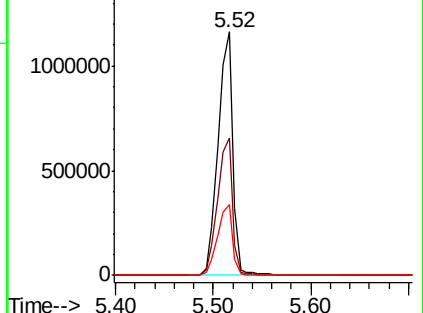
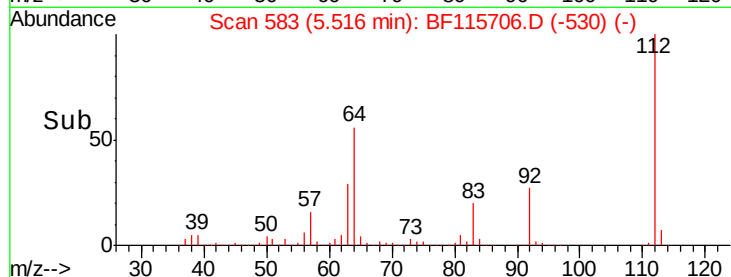
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Abundance Ion 112.00 (111.70 to 112.70): BF115706.D (-530) (-)

Ion 64.00 (63.70 to 64.70): BF115706.D (-530) (-)

Ion 63.00 (62.70 to 63.70): BF115706.D (-530) (-)



#6

Aniline

Concen: 24.940 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

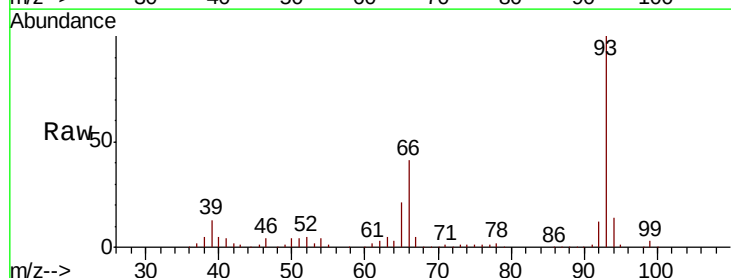
Tgt Ion: 93 Resp: 483183

Ion Ratio Lower Upper

93 100

66 41.4 31.7 47.5

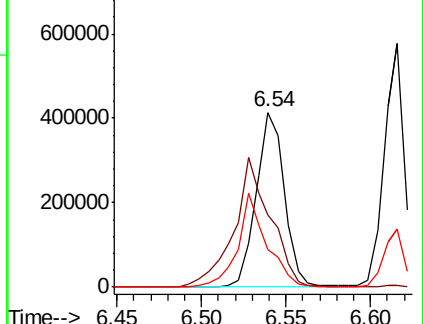
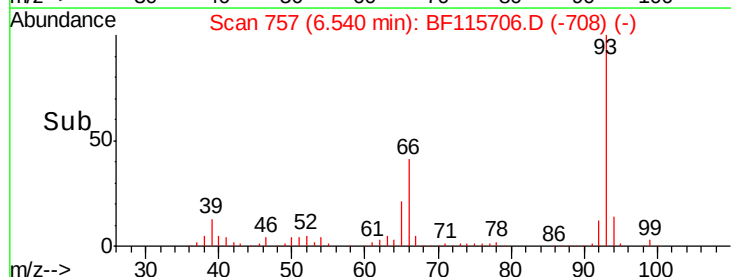
65 21.5 16.2 24.2

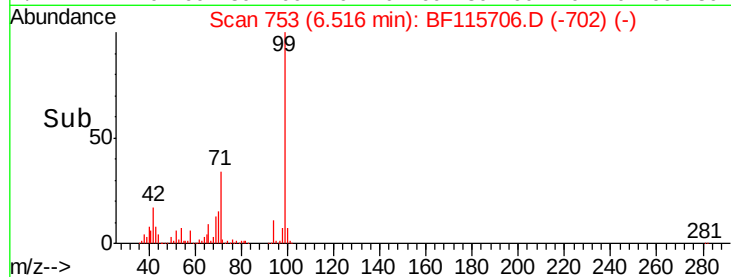
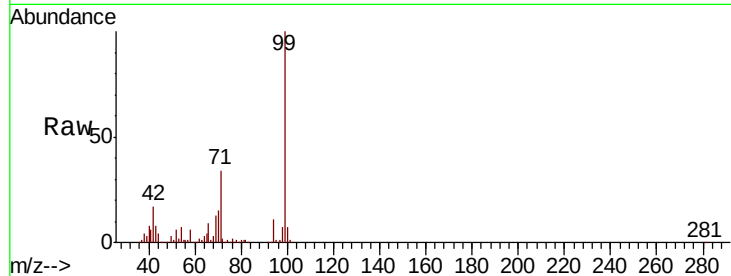
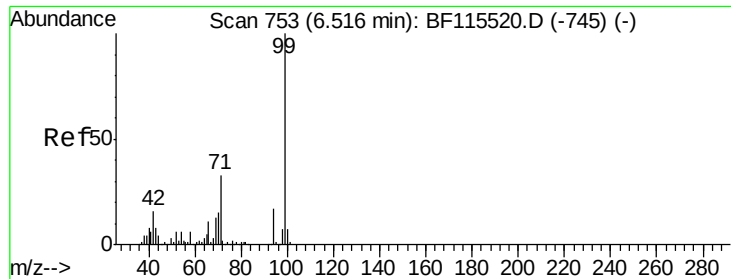


Abundance Ion 93.00 (92.70 to 93.70): BF115706.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BF115706.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BF115706.D (-708) (-)





#7

Phenol-d6

Concen: 114.601 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tot Ion: 99 Resp: 1595433

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 34.2 28.5 42.7

Instrument :

BNA_F

ClientSampleId :

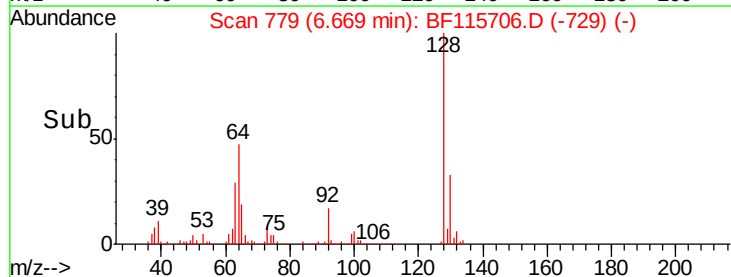
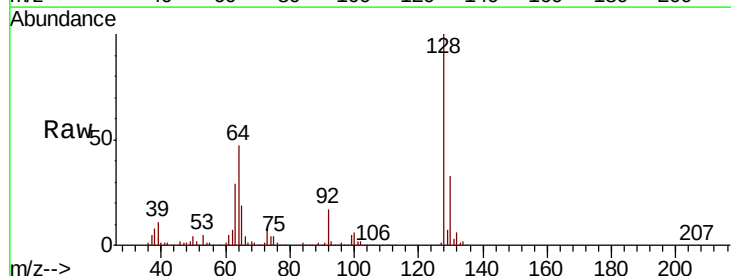
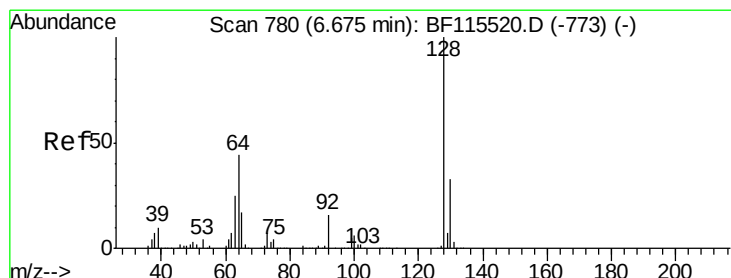
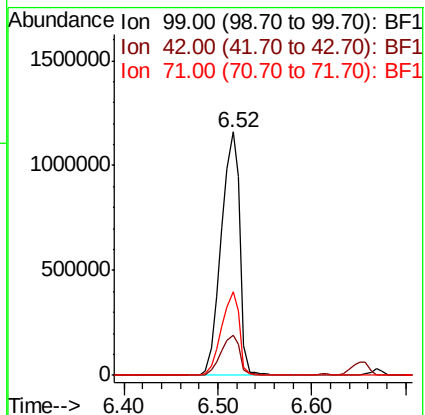
PB121584BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.356 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

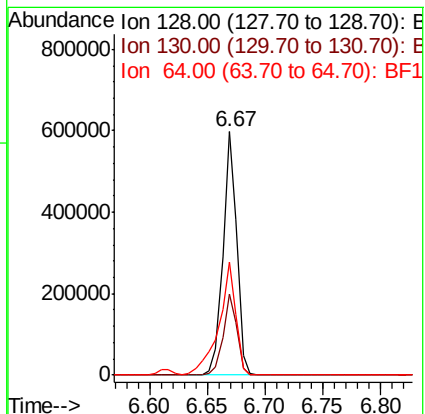
Tgt Ion:128 Resp: 496444

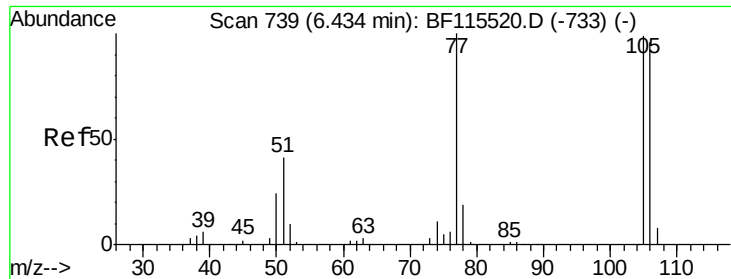
Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 46.6 26.8 66.8





#9

Benzaldehyde

Concen: 23.897 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB121584BS

Tot Ion: 77 Resp: 207900

Ion Ratio Lower Upper

77 100

105 98.7 78.8 118.8

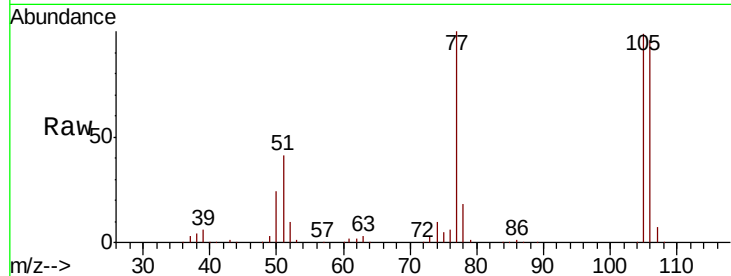
106 95.6 75.6 115.6

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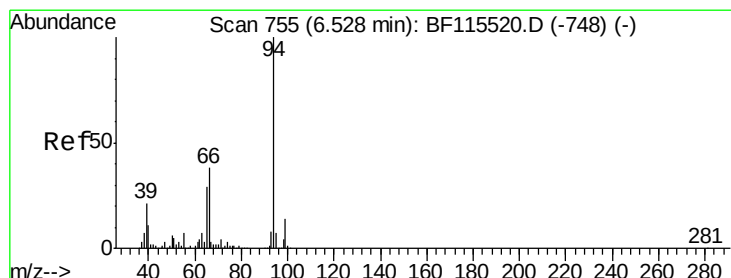
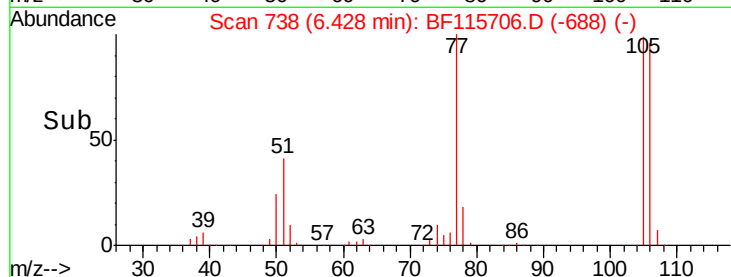
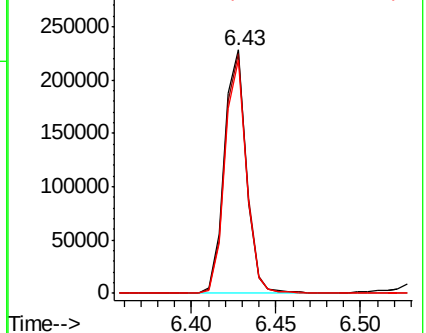
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.352 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

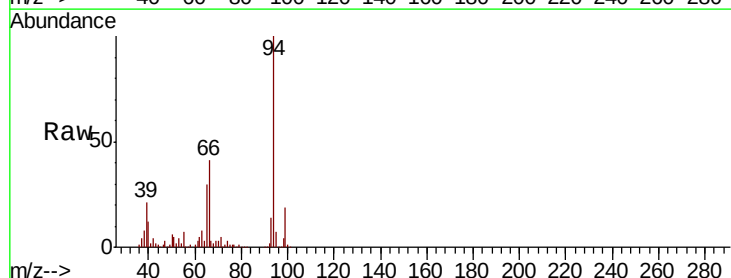
Tgt Ion: 94 Resp: 619820

Ion Ratio Lower Upper

94 100

65 30.1 14.5 54.5

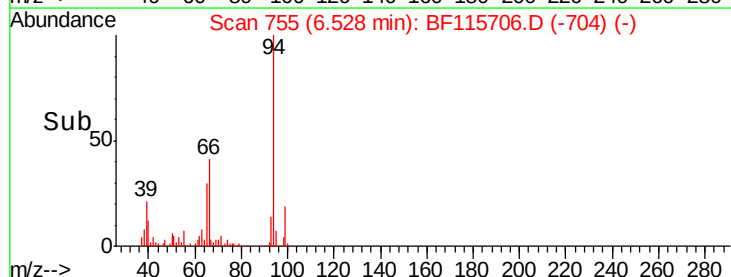
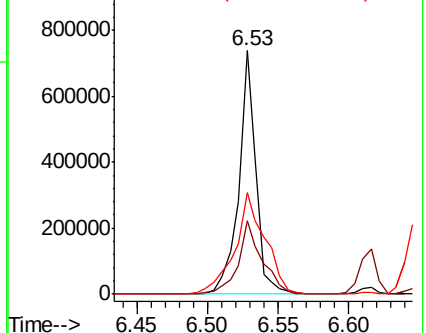
66 41.5 31.3 71.3

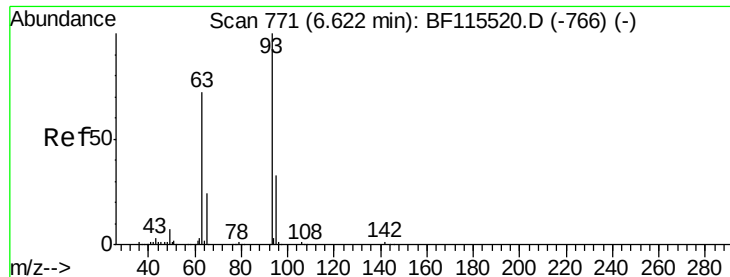


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.739 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

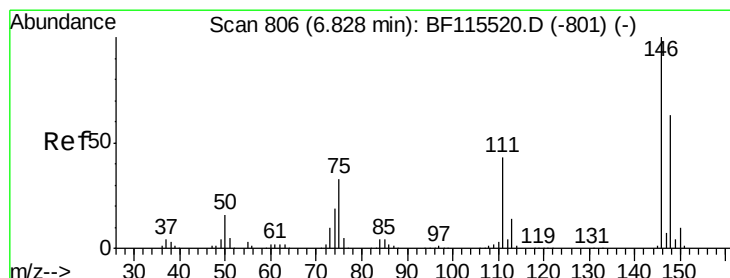
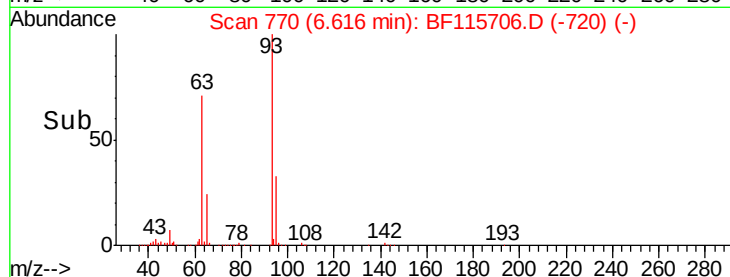
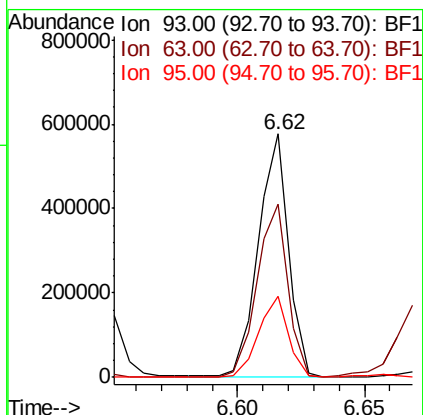
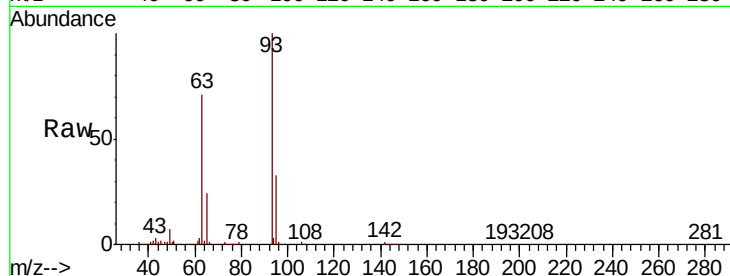
ClientSampleId :

PB121584BS

Tot Ion:	93	Resp:	476659
Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.2	92.2
95	33.4	12.9	52.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.405 ng

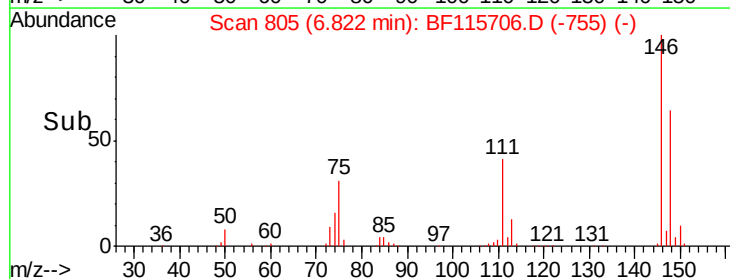
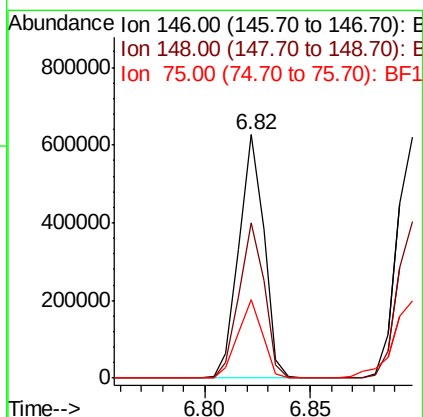
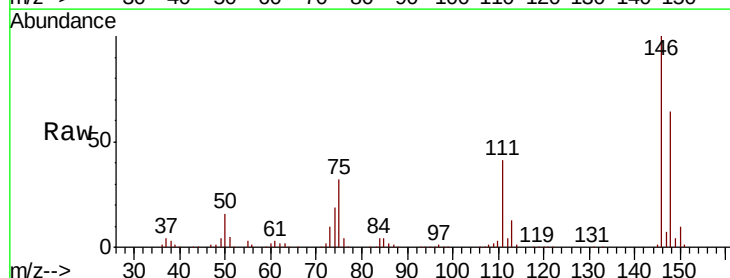
RT: 6.82 min Scan# 805

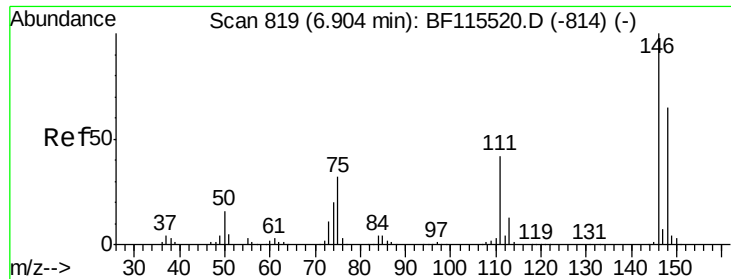
Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:	146	Resp:	516314
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
75	32.1	24.9	37.3





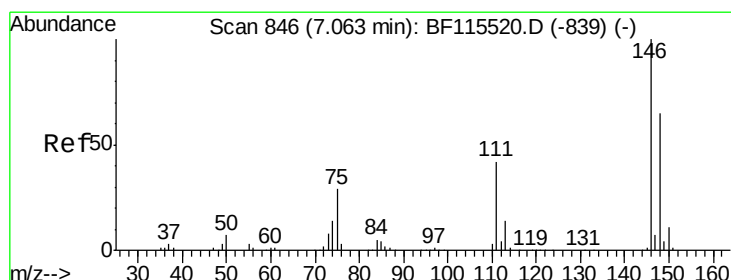
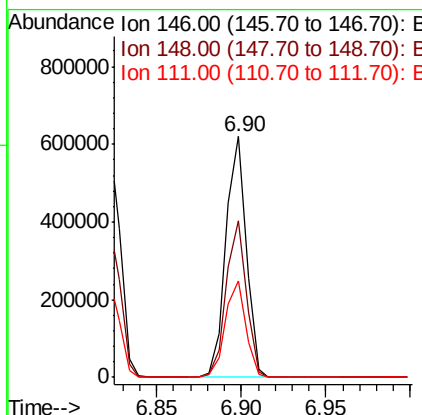
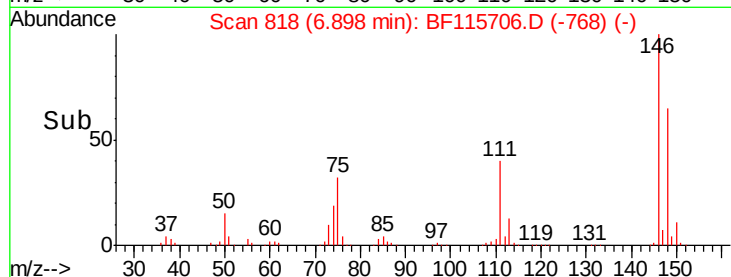
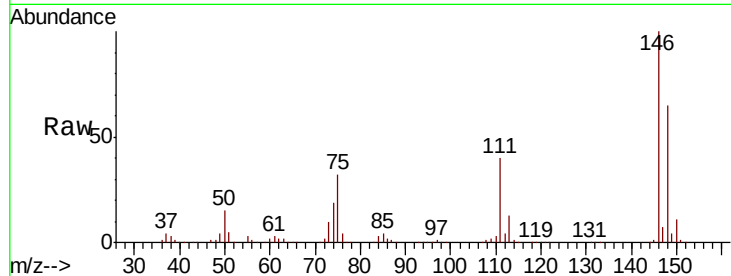
#13
 1,4-Dichlorobenzene
 Concen: 36.835 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121584BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	40.2	35.5	53.3

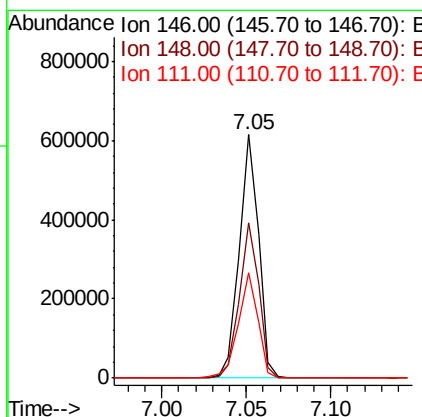
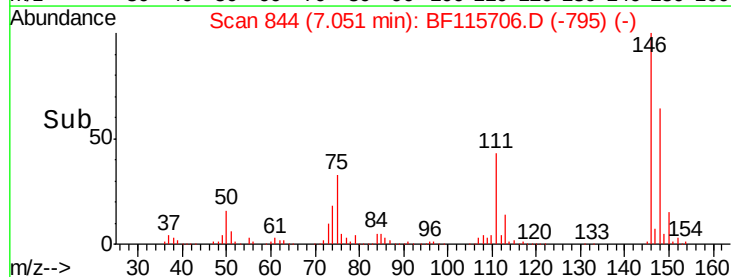
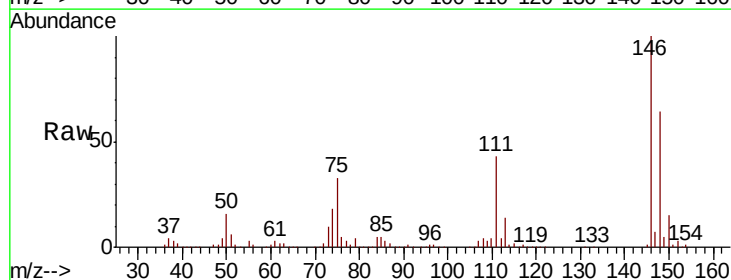
Manual Integrations
 APPROVED

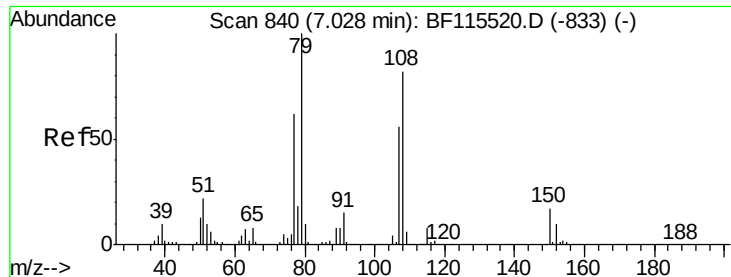
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.683 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.1	37.6	56.4





#15

Benzyl Alcohol

Concen: 36.711 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

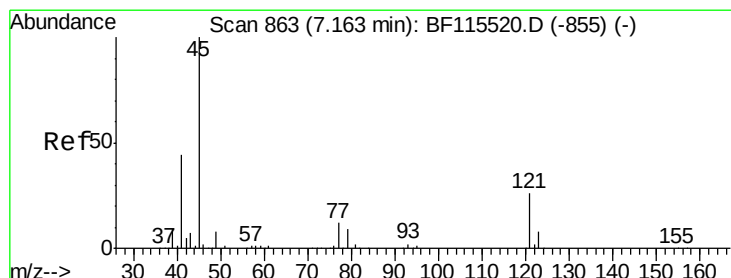
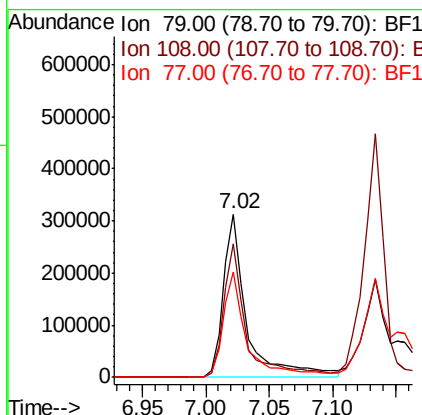
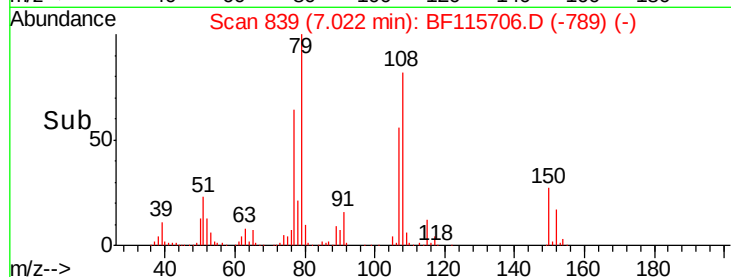
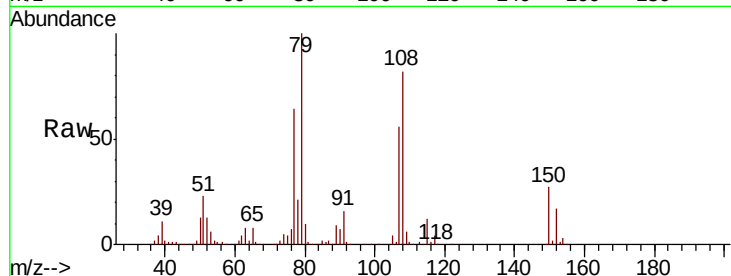
ClientSampleId :

PB121584BS

Tot Ion:	79	Resp:	405430
Ion	Ratio	Lower	Upper
79	100		
108	81.9	64.2	96.4
77	64.4	51.8	77.8

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.794 ng

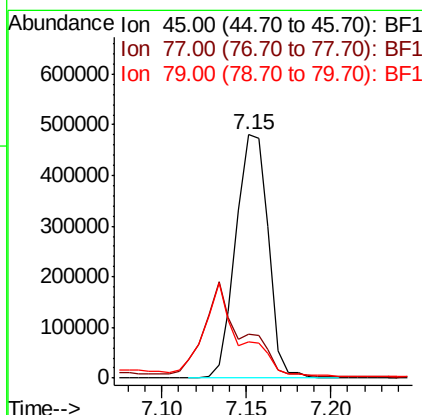
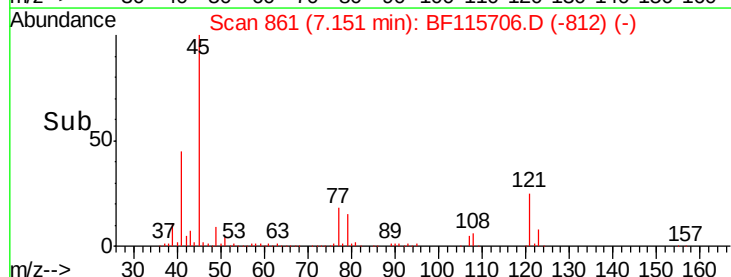
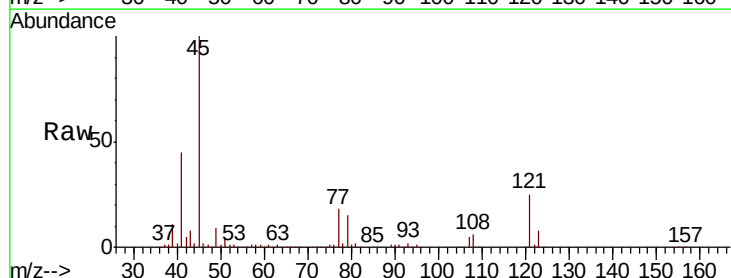
RT: 7.15 min Scan# 861

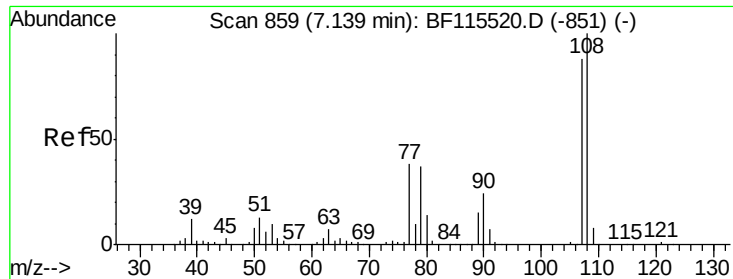
Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:	45	Resp:	644632
Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	38.1
79	14.7	0.0	34.1





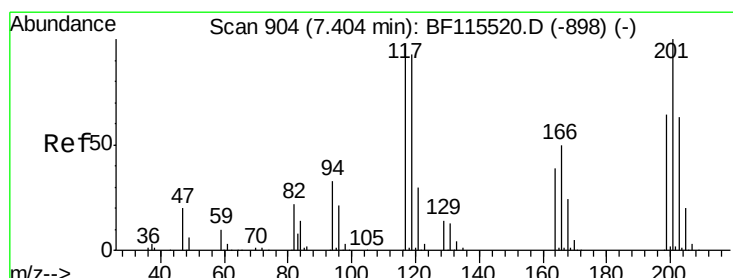
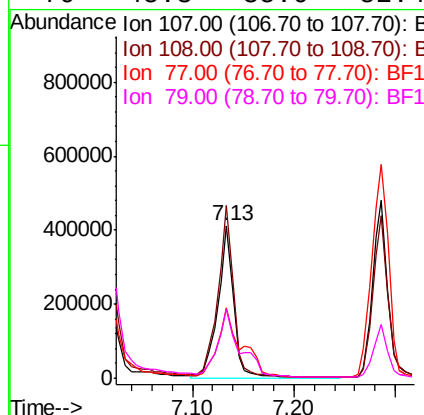
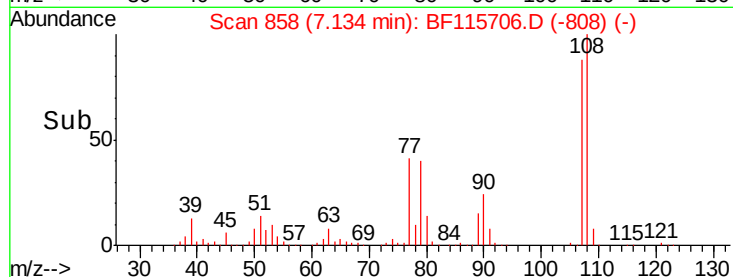
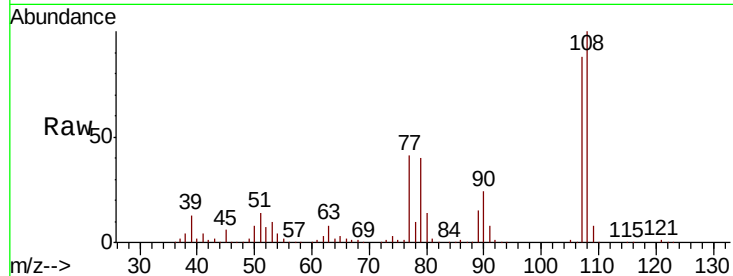
#17
2-Methylphenol
Concen: 41.768 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion:	107	Resp:	454054
Ion Ratio	Lower	Upper	
107	100		
108	113.2	89.4	134.2
77	46.2	35.7	53.5
79	45.3	35.0	52.4

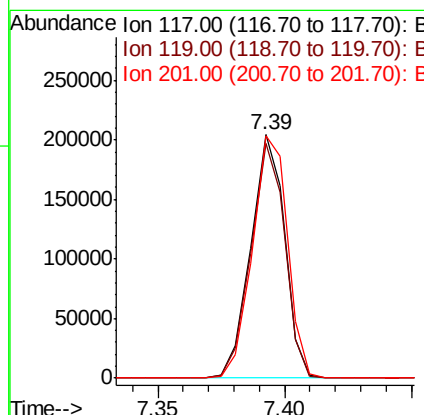
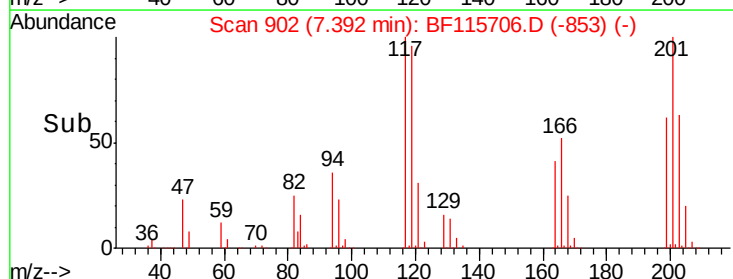
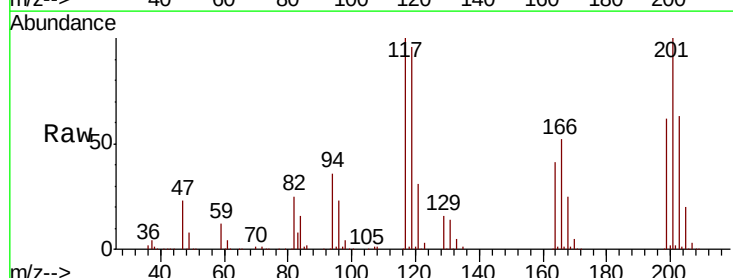
Manual Integrations
APPROVED

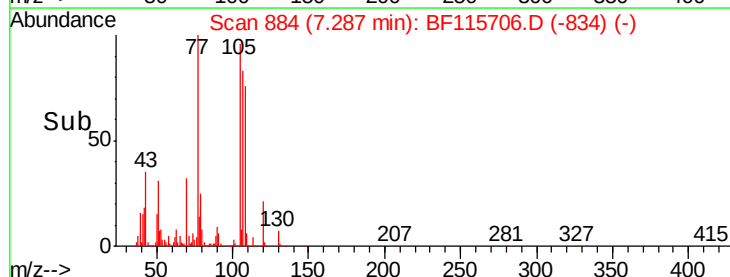
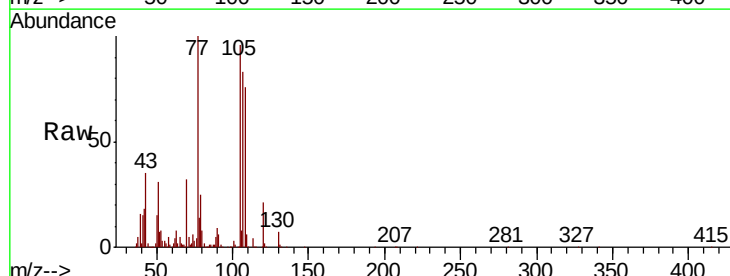
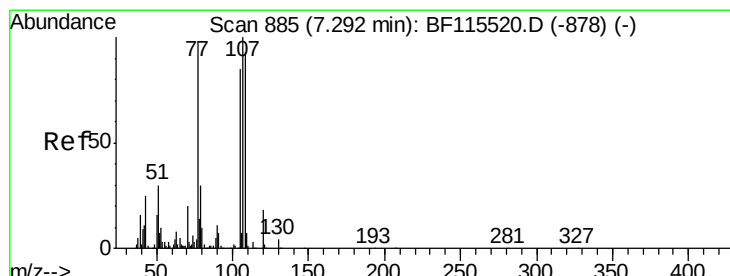
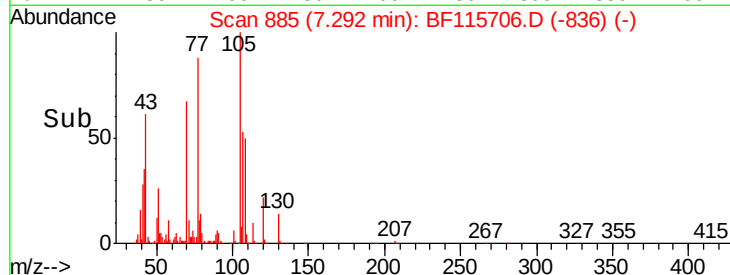
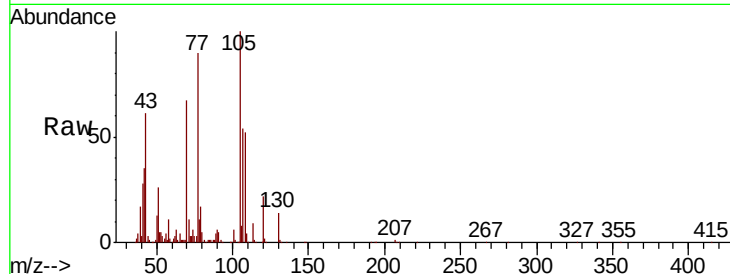
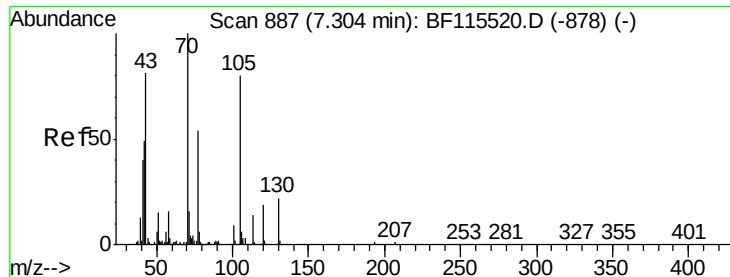
mohammad
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#18
Hexachloroethane
Concen: 36.243 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:	117	Resp:	190358
Ion Ratio	Lower	Upper	
117	100		
119	96.4	77.7	116.5
201	99.6	86.0	129.0





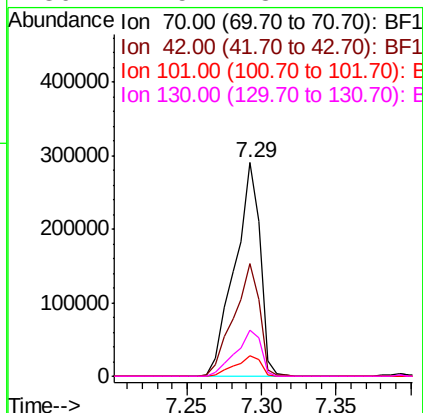
#19
n-Nitroso-di-n-propylamine
Concen: 37.964 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	39.6	59.4	
101	9.7	8.1	12.1	
130	21.5	18.2	27.2	

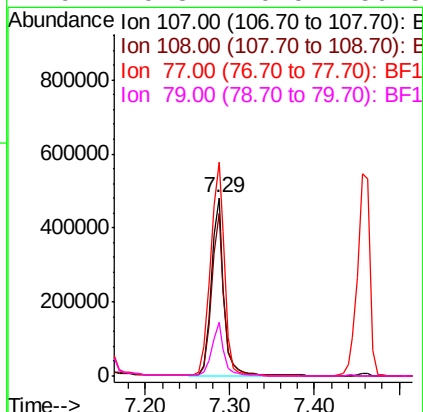
Manual Integrations
APPROVED

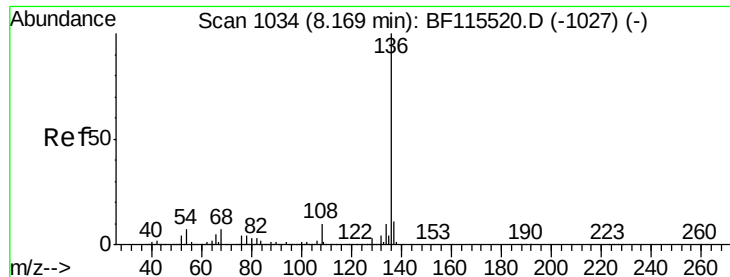
mohammad
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#20
3+4-Methylphenols
Concen: 39.409 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	72.9	112.9	
77	119.8	77.6	117.6#	
79	29.8	10.5	50.5	





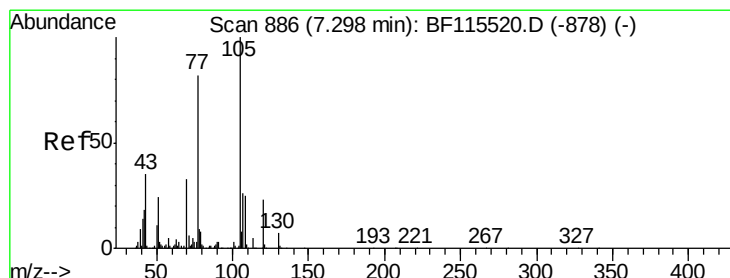
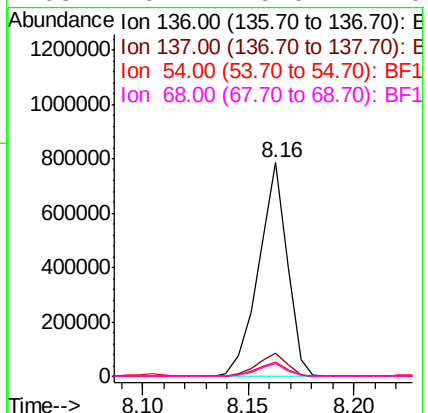
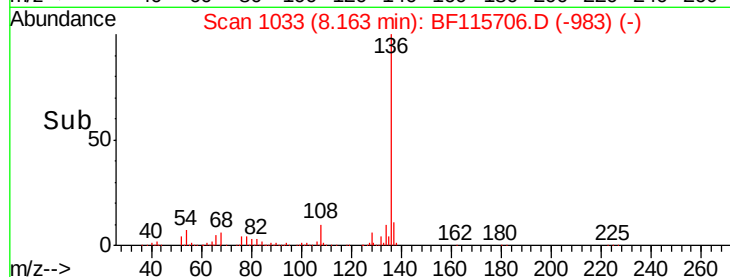
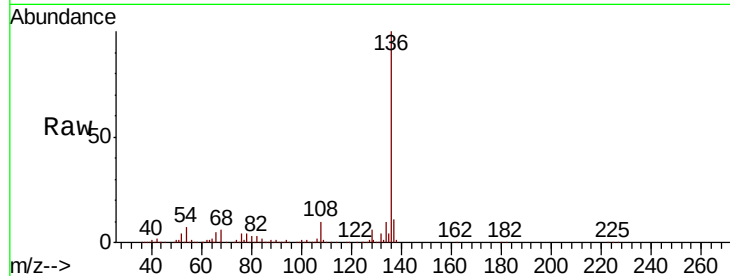
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	742994		
137	11.0		9.0	13.4
54	6.9		5.6	8.4
68	6.2		5.0	7.6

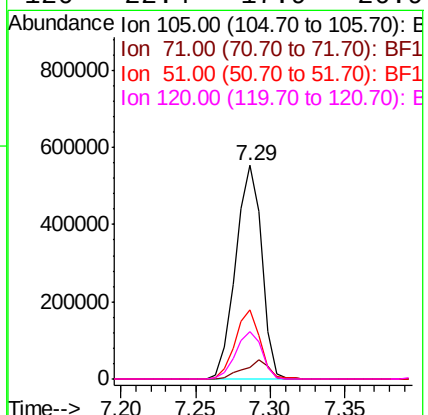
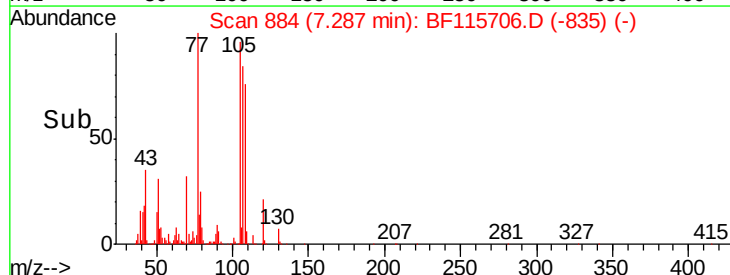
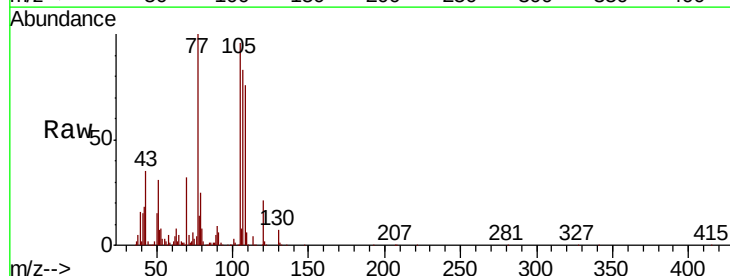
Manual Integrations
APPROVED

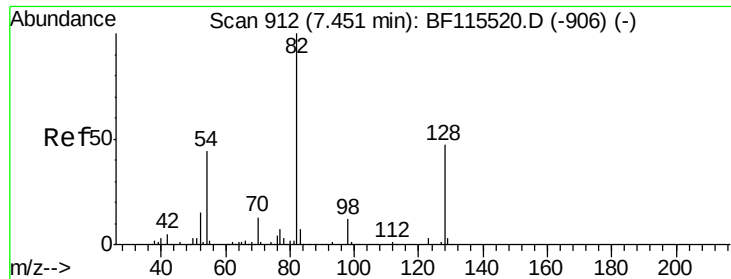
mohammad
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#22
Acetophenone
Concen: 40.289 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	676256		
71	5.6		3.5	5.3#
51	32.4		25.6	38.4
120	22.4		17.9	26.9





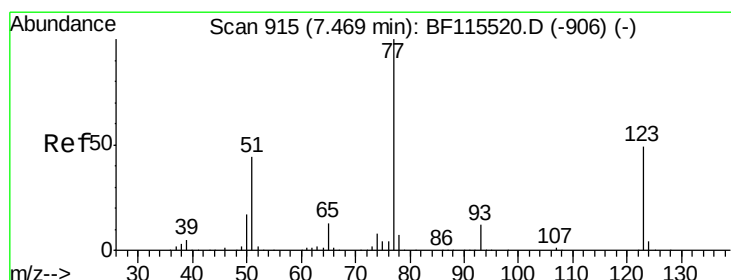
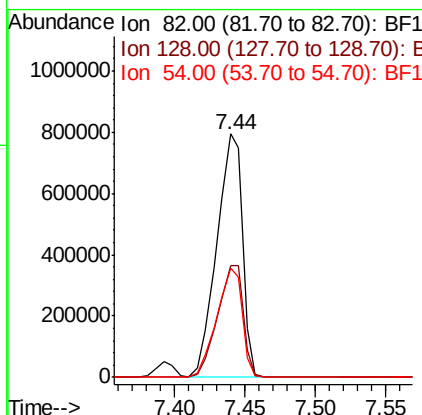
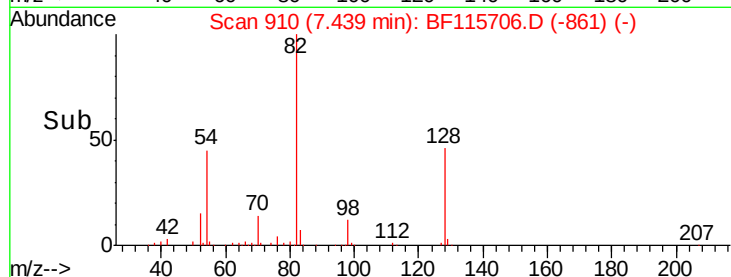
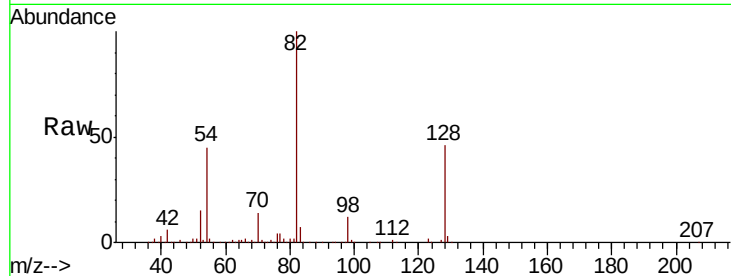
#23
 Nitrobenzene-d5
 Concen: 78.206 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleID :
 PB121584BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.6	57.8
54	44.9	35.6	53.4

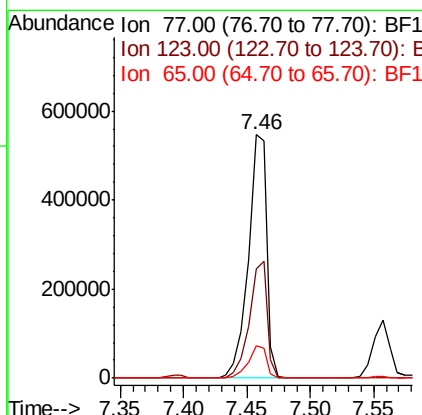
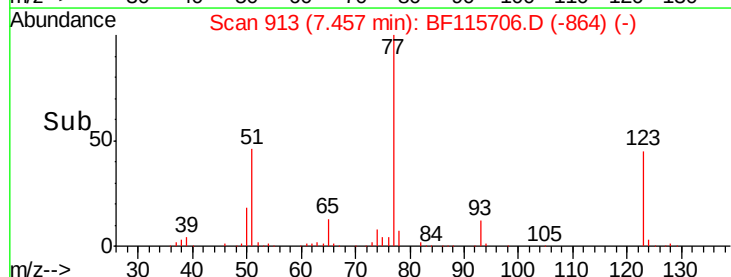
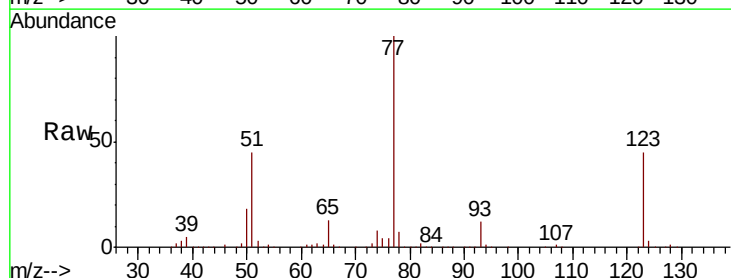
Manual Integrations
 APPROVED

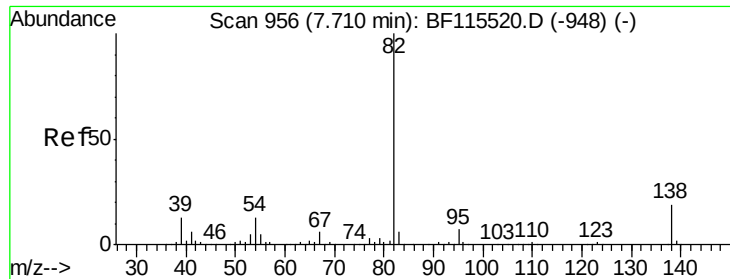
mohammad
 7/23/2019 4:24:25 PM



#24
 Nitrobenzene
 Concen: 40.058 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	40.0	60.0
65	13.2	11.0	16.4





#25

Isophorone

Concen: 39.323 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB121584BS

Tot Ion: 82 Resp: 1005439

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

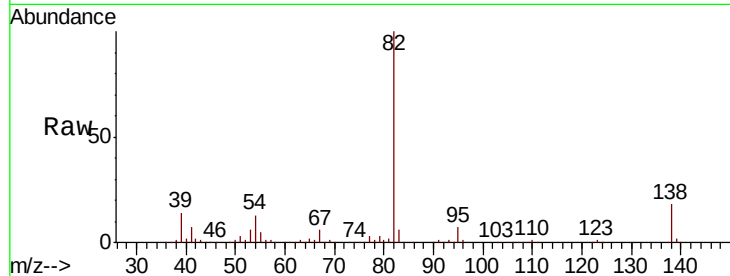
138 17.5 14.9 22.3

Manual Integrations

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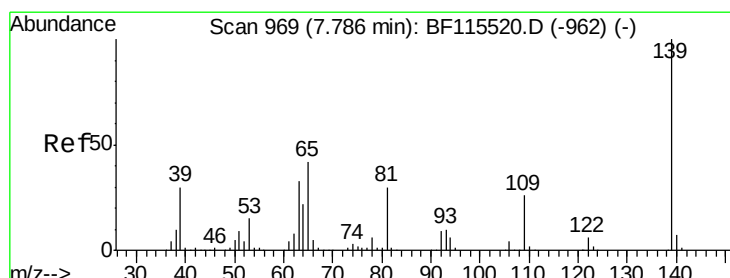
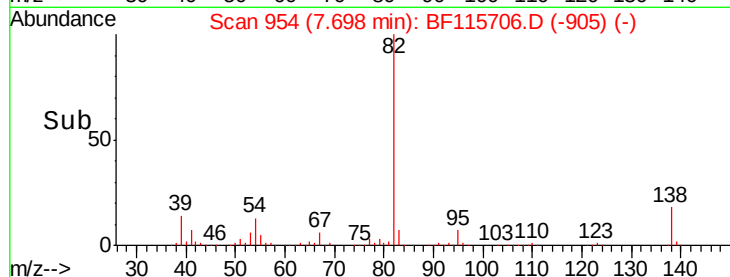
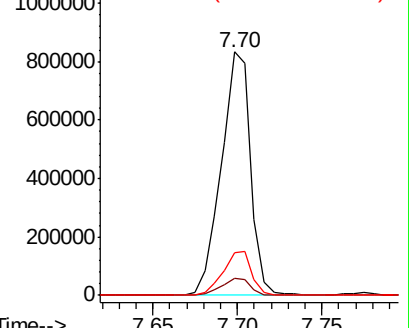
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.725 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

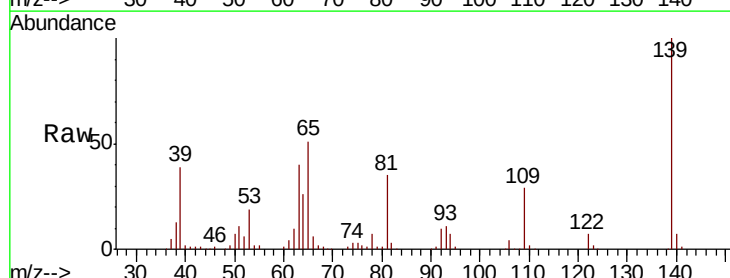
Tgt Ion: 139 Resp: 281806

Ion Ratio Lower Upper

139 100

109 28.6 23.3 34.9

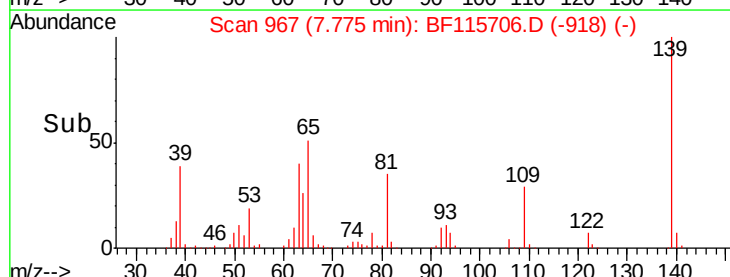
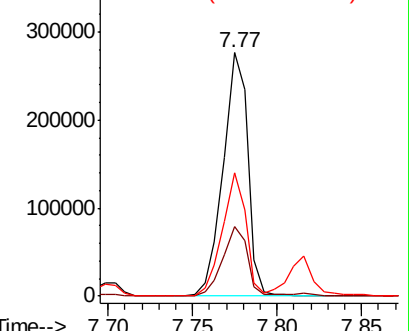
65 50.8 37.9 56.9

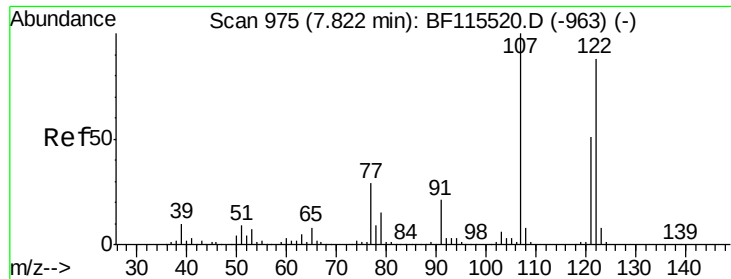


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.025 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

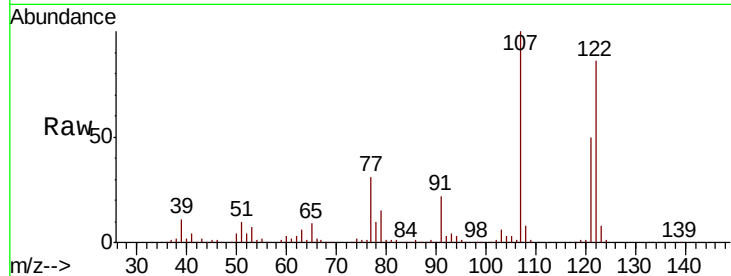
ClientSampleId :

PB121584BS

Tot Ion:	122	Resp:	467290
Ion Ratio	Lower	Upper	
122	100		
107	116.2	92.9	139.3
121	58.5	46.9	70.3

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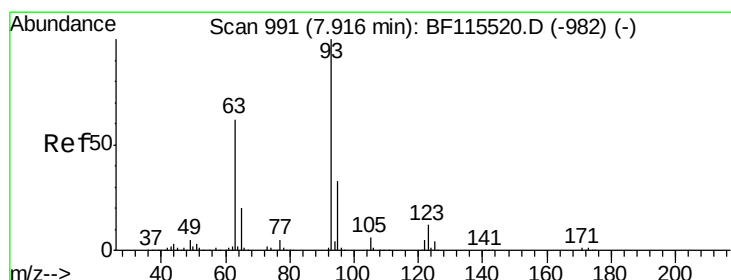
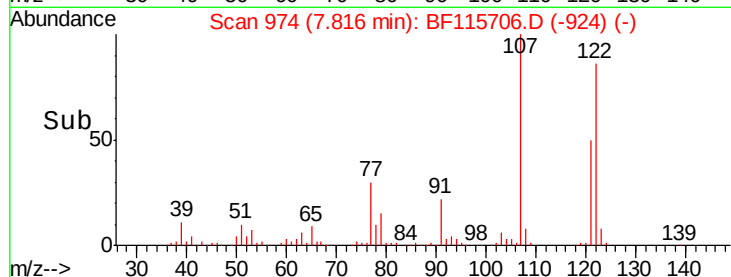
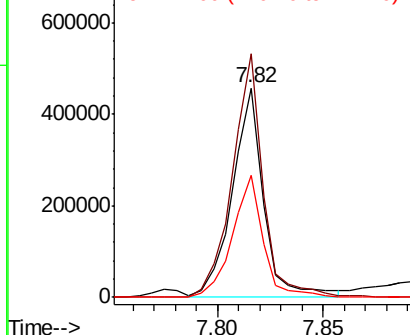


Abundance

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: 39.714 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

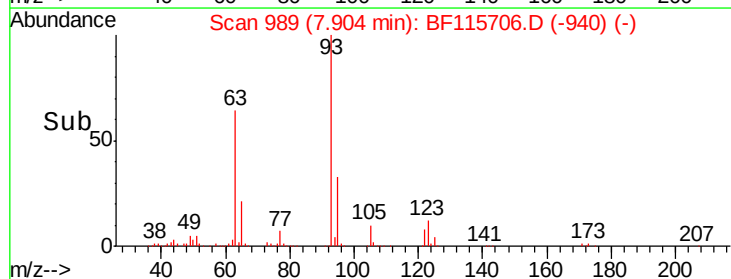
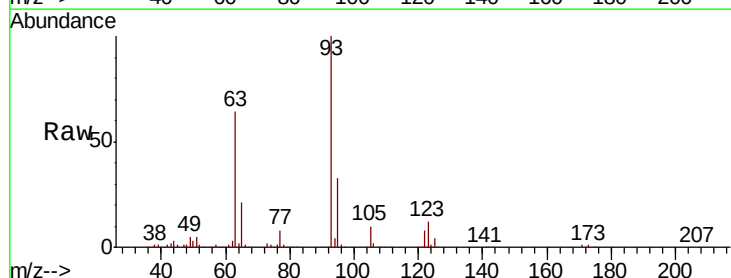
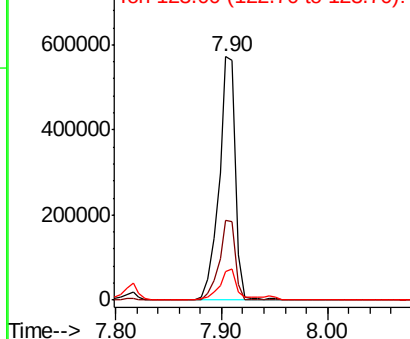
Tgt Ion:	93	Resp:	622955
Ion Ratio	Lower	Upper	
93	100		
95	32.8	27.0	40.4
123	11.9	9.9	14.9

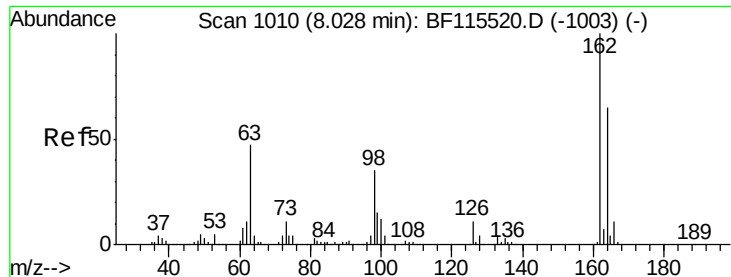
Abundance

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





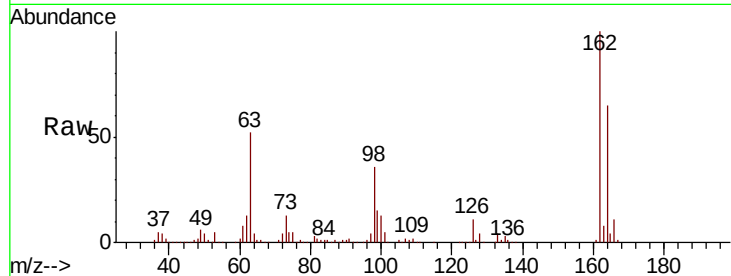
#29
2,4-Dichlorophenol
Concen: 40.166 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

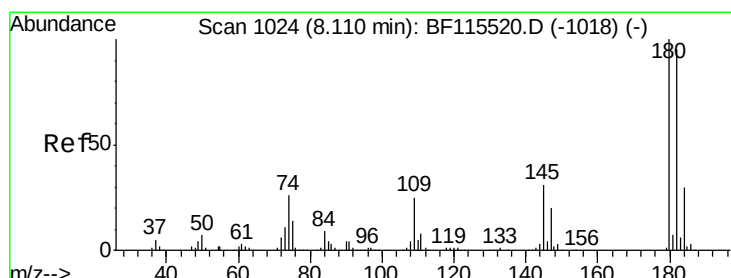
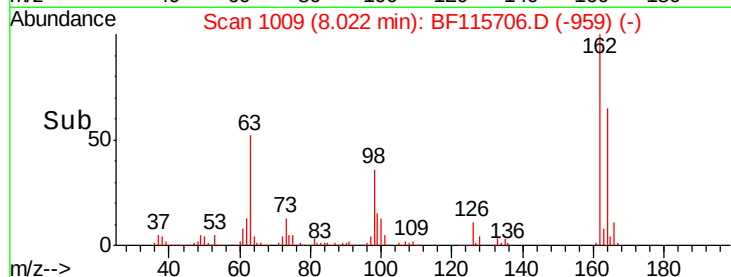
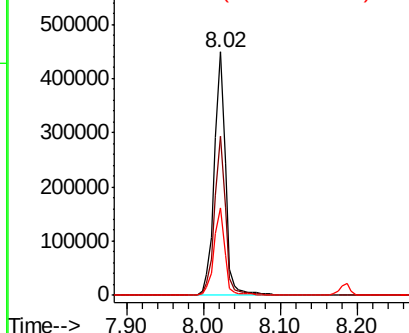
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		443381		
164	65.2	44.9	84.9		
98	36.0	17.7	57.7		

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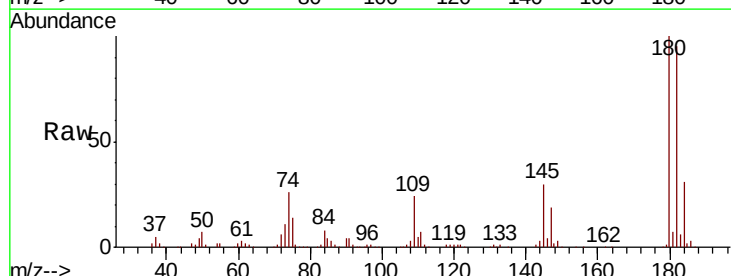


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

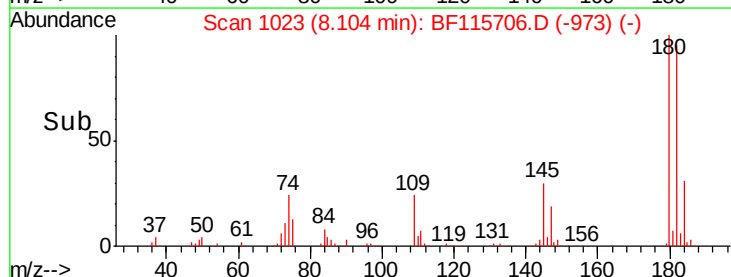
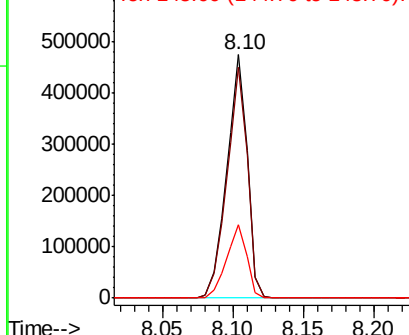


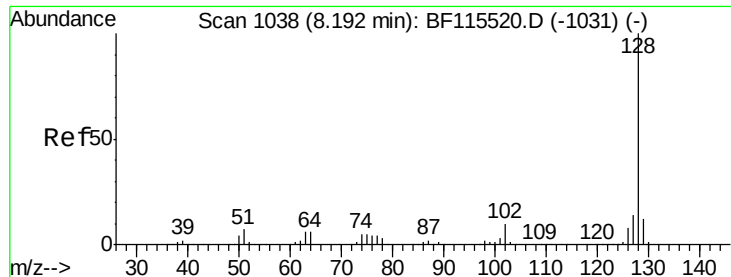
#30
1,2,4-Trichlorobenzene
Concen: 38.011 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		474297		
182	94.8	75.0	112.6		
145	29.9	25.1	37.7		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





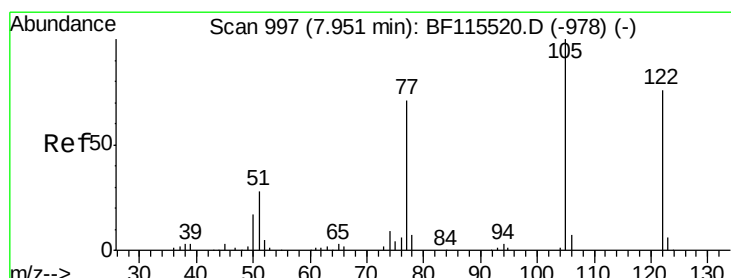
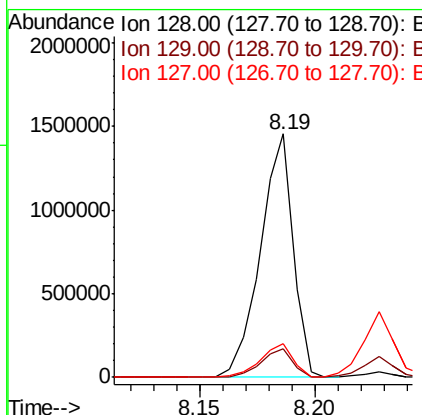
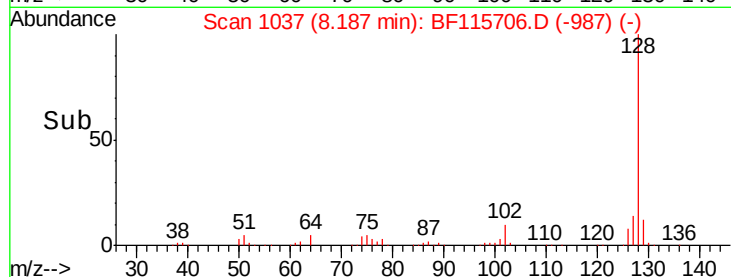
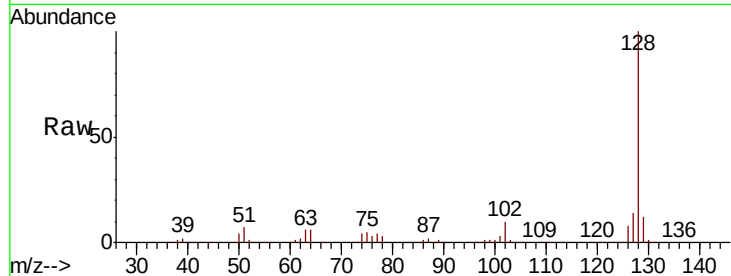
#31
Naphthalene
Concen: 39.997 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion:128 Resp: 1439215
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.9 12.1 18.1

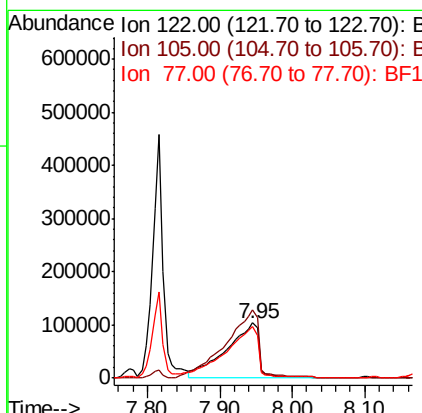
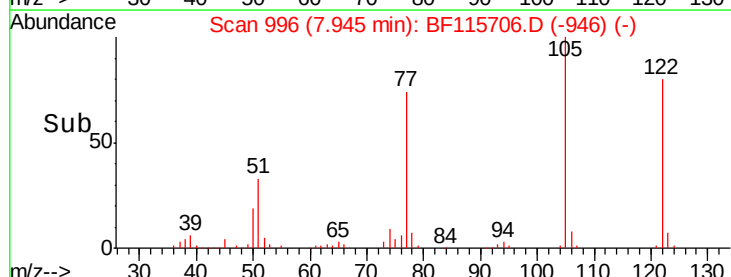
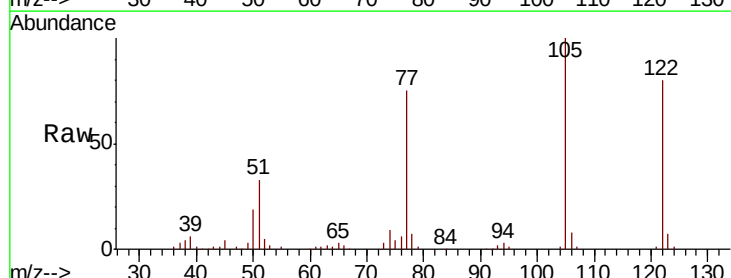
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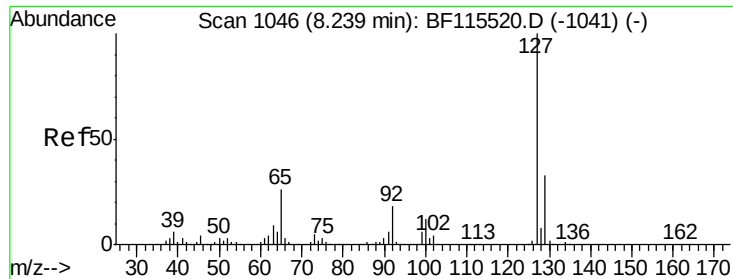
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#32
Benzoic acid
Concen: 37.308 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:122 Resp: 324979
Ion Ratio Lower Upper
122 100
105 125.0 102.5 142.5
77 94.0 70.2 110.2





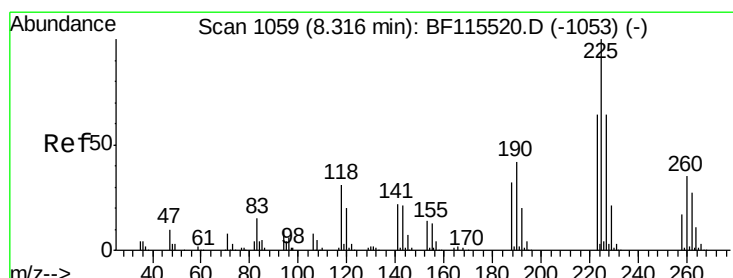
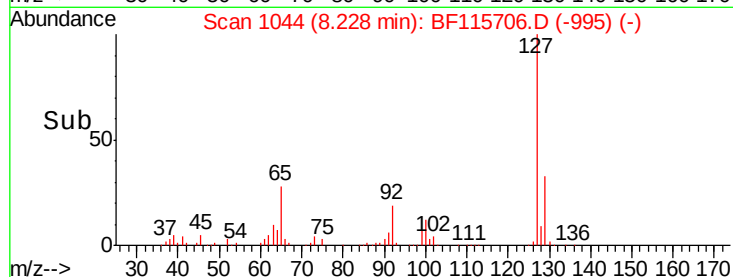
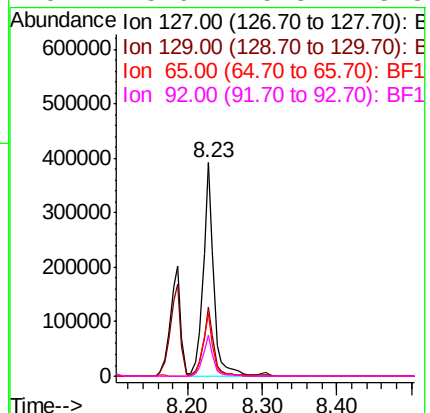
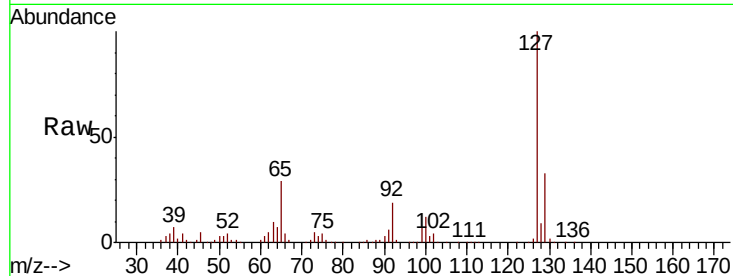
#33
 4-Chloroaniline
 Concen: 24.617 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121584BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	29.4	23.7	35.5		
92	18.9	15.8	23.8		

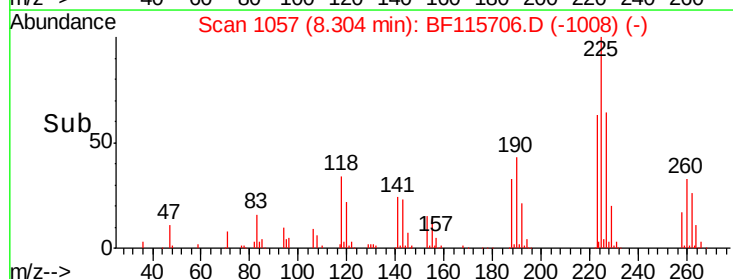
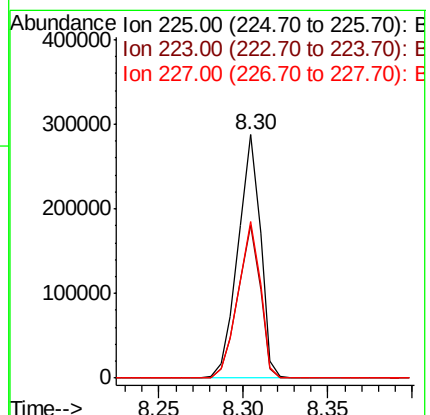
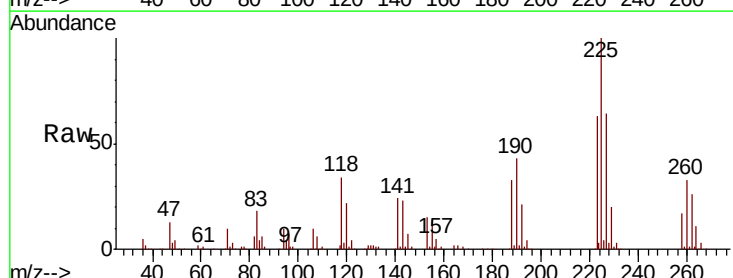
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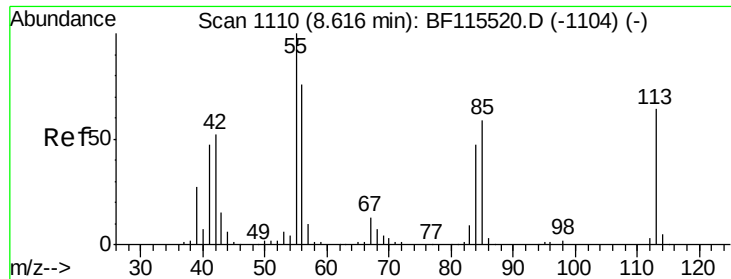
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#34
 Hexachlorobutadiene
 Concen: 37.212 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.9	76.3		
227	64.2	50.7	76.1		





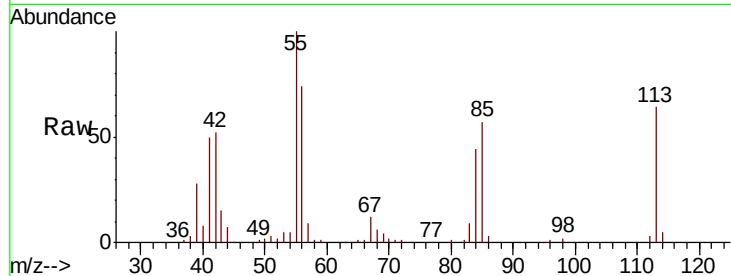
#35
Caprolactam
Concen: 41.085 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

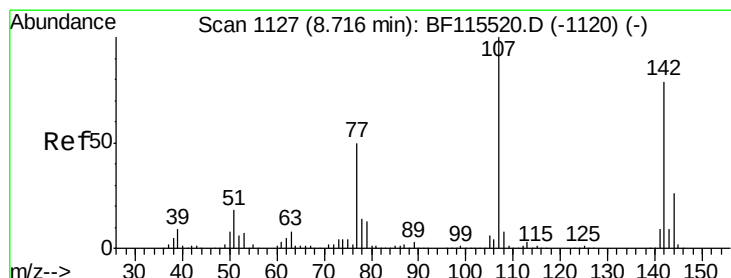
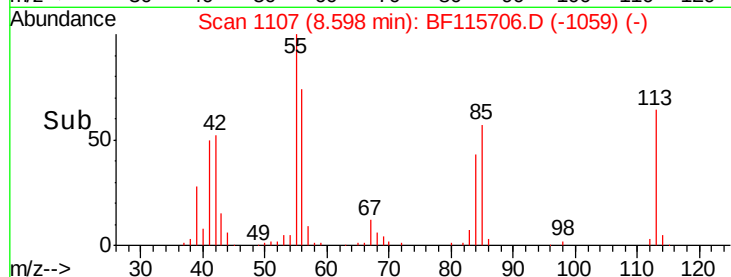
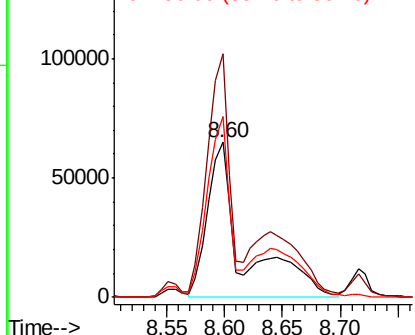
Tot Ion	Ratio	Lower	Upper
113	100		
55	156.9	126.9	166.9
56	116.2	90.3	130.3

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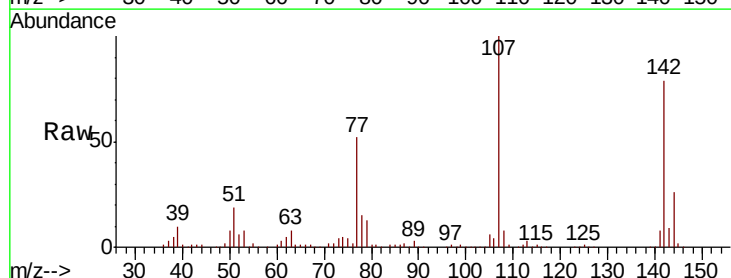


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

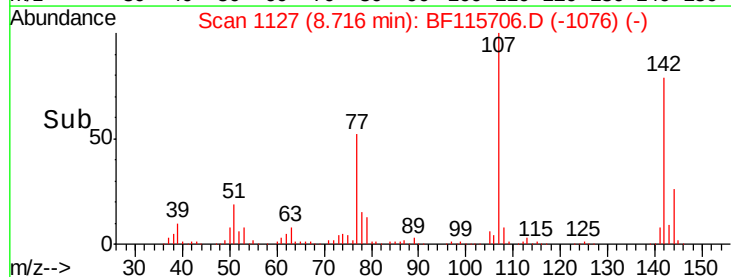
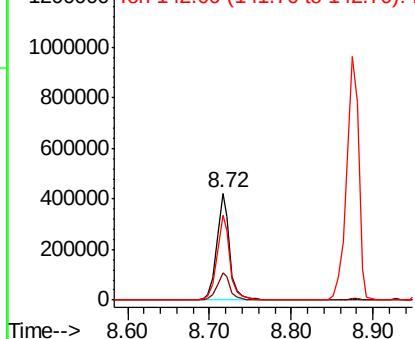


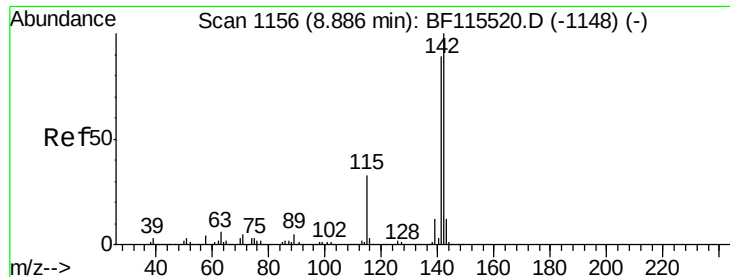
#36
4-Chloro-3-methylphenol
Concen: 40.489 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.6	30.8
142	79.5	63.1	94.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





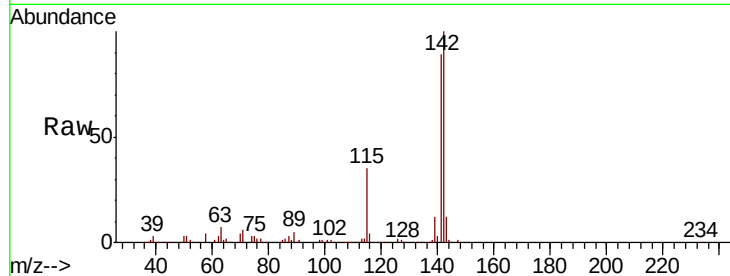
#37
2-Methylnaphthalene
Concen: 41.075 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.0	108.0
115	35.1	29.9	44.9

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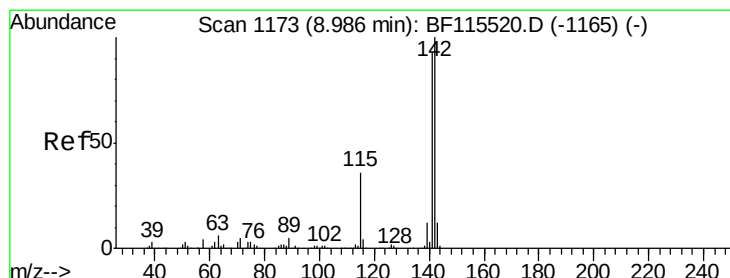
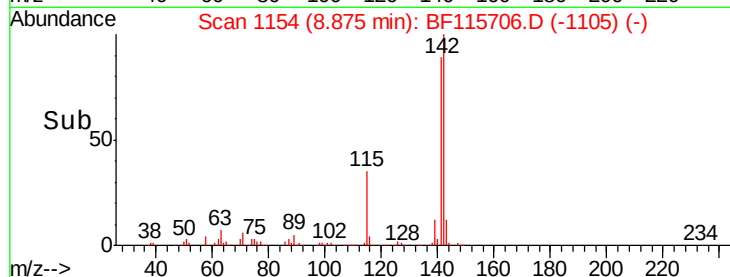
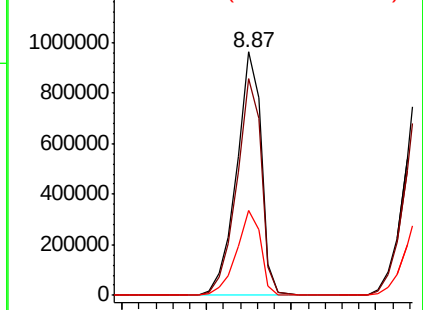


Abundance

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: 40.706 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

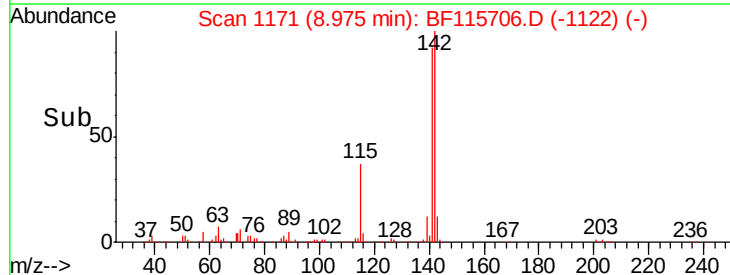
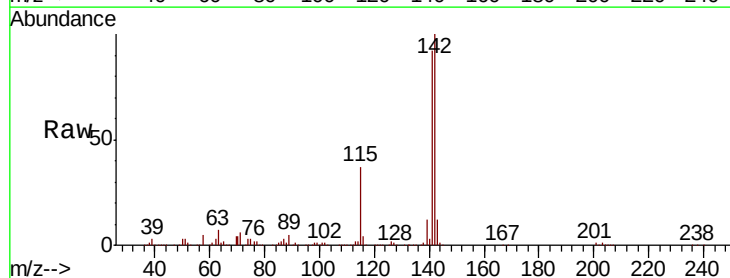
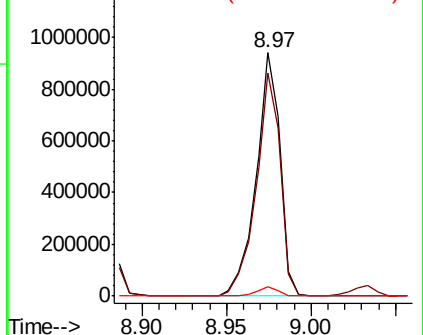
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.3	112.9
116	3.8	3.3	4.9

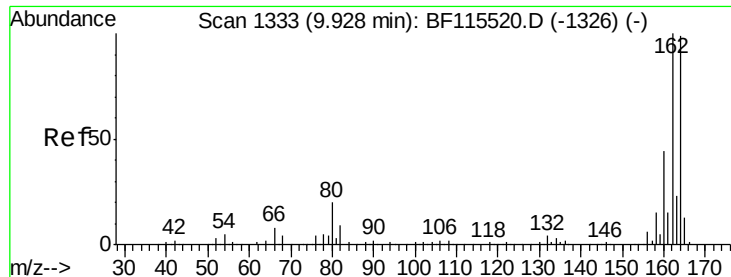
Abundance

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





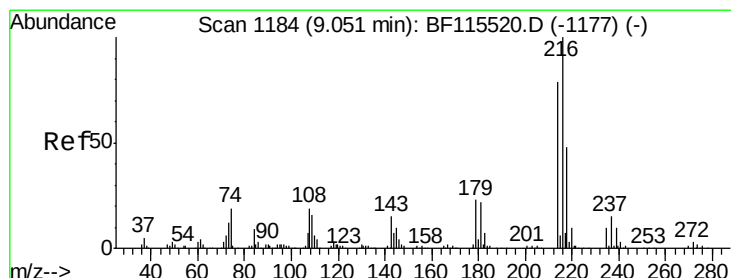
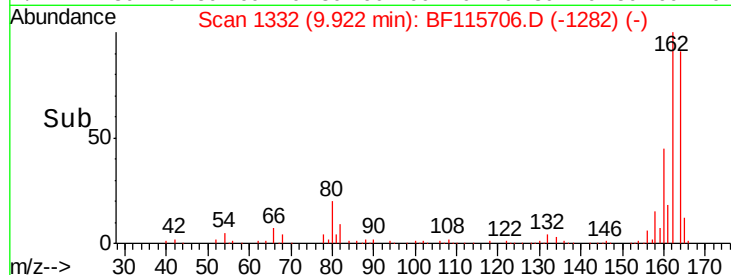
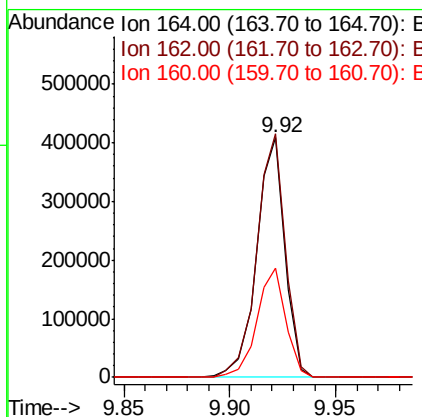
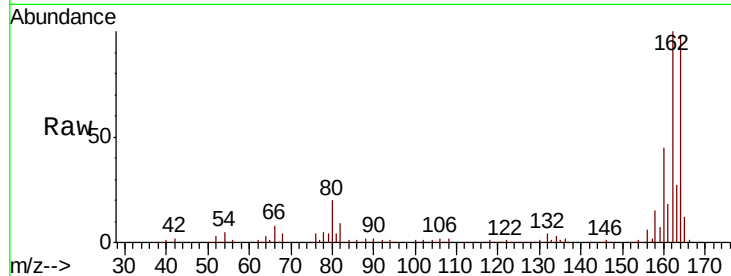
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.9	124.3
160	45.6	36.8	55.2

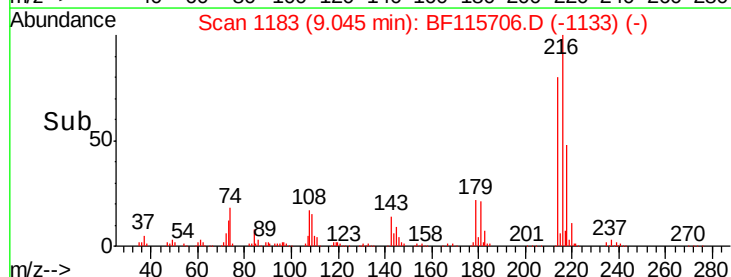
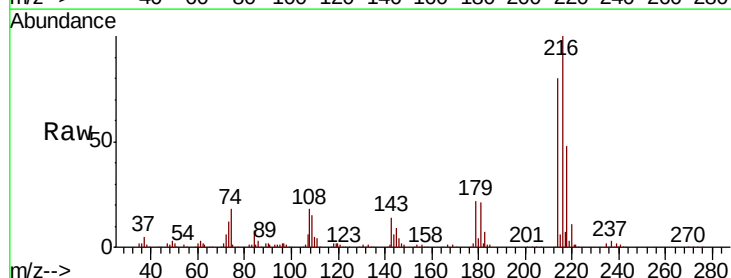
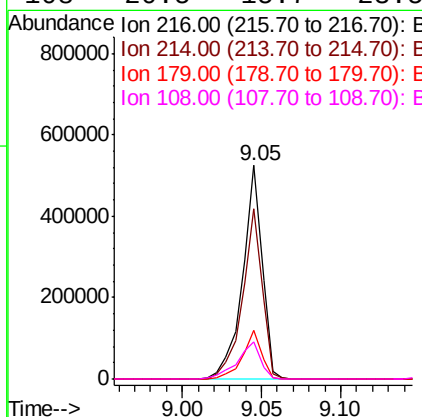
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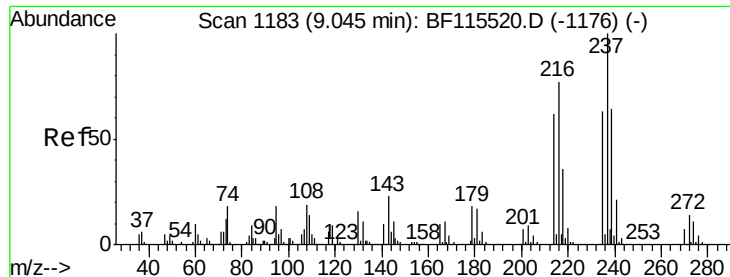
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.099 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	65.1	97.7
179	21.9	18.3	27.5
108	20.5	15.7	23.5





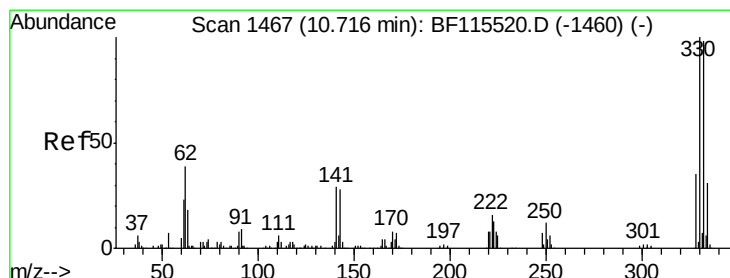
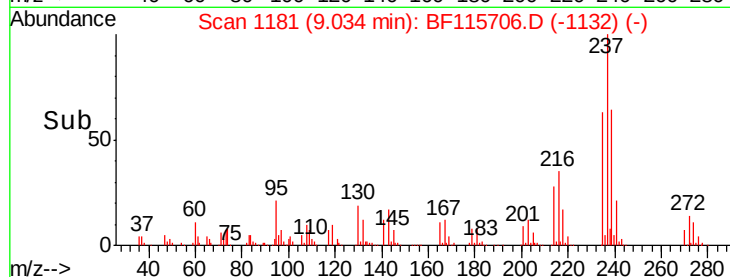
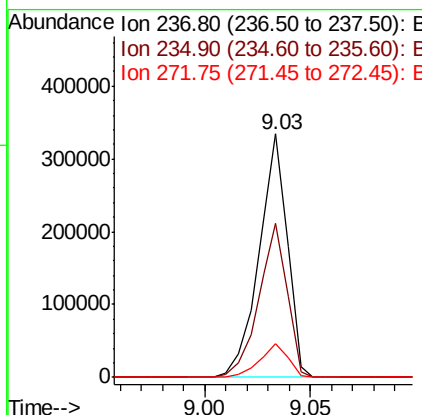
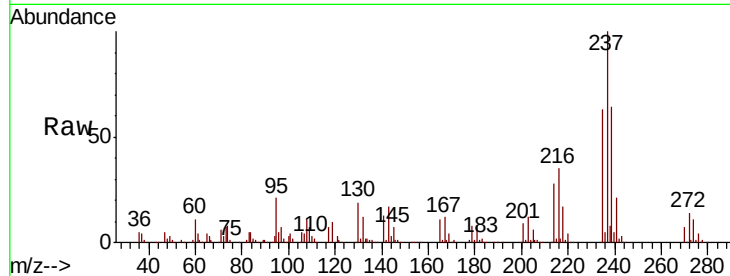
#41
 Hexachlorocyclopentadiene
 Concen: 47.557 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121584BS

Tot Ion:	237	Resp:	310591
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.6	83.6
272	13.7	0.0	33.9

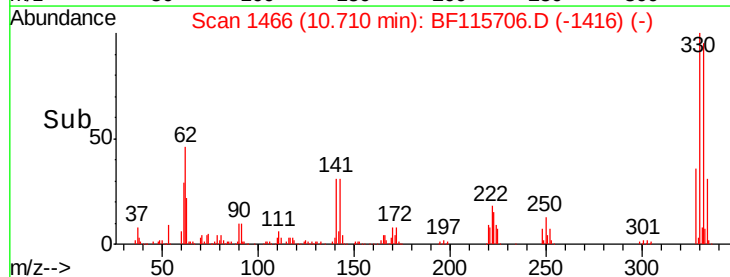
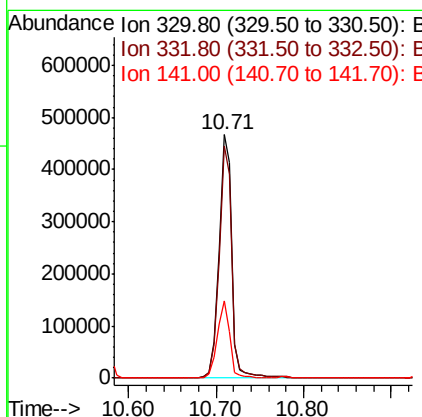
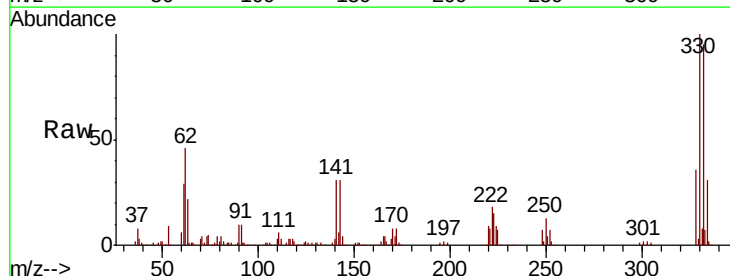
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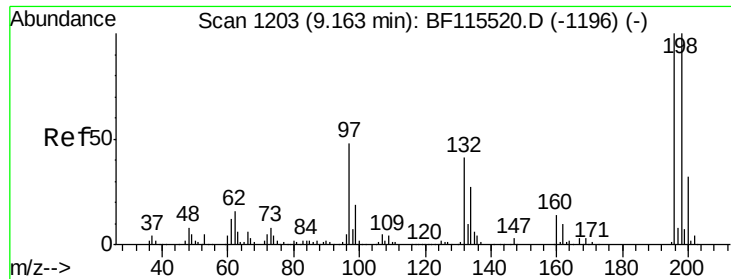
mohammad
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#42
 2,4,6-Tribromophenol
 Concen: 107.175 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion:	330	Resp:	475620
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.4	116.2
141	30.9	22.4	33.6





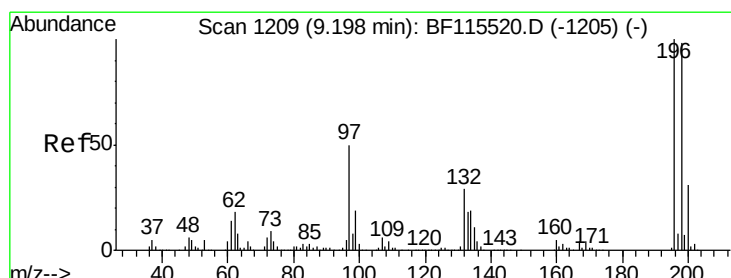
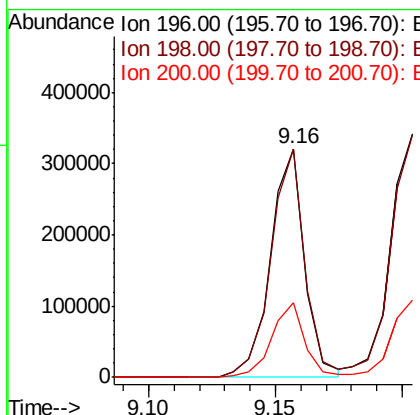
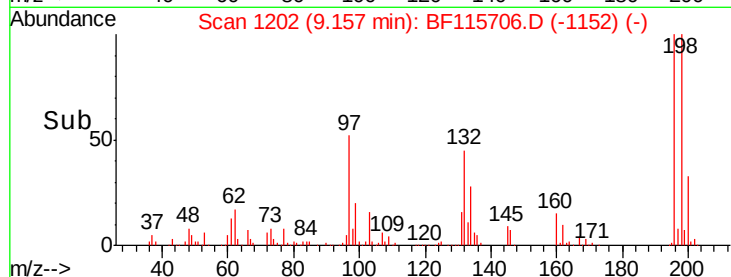
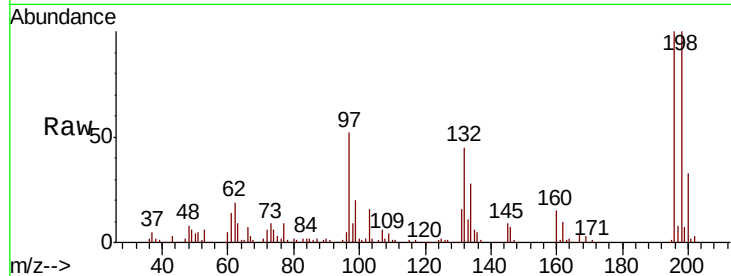
#43
 2,4,6-Trichlorophenol
 Concen: 36.231 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampled :
 PB121584BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	303350		
198	99.9	80.6	121.0	
200	32.6	25.8	38.6	

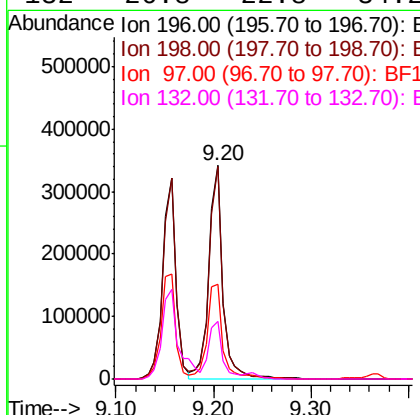
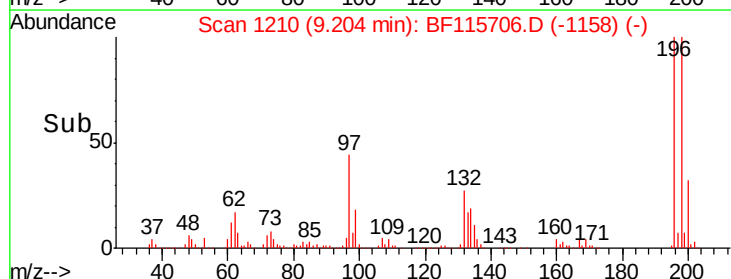
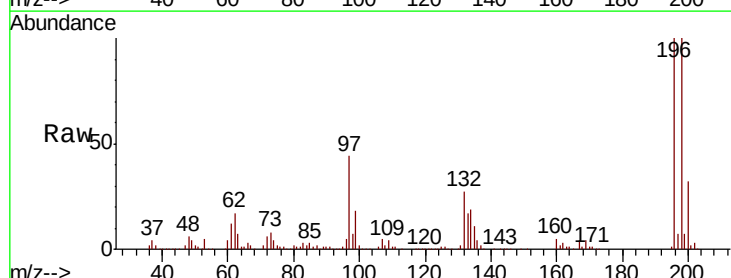
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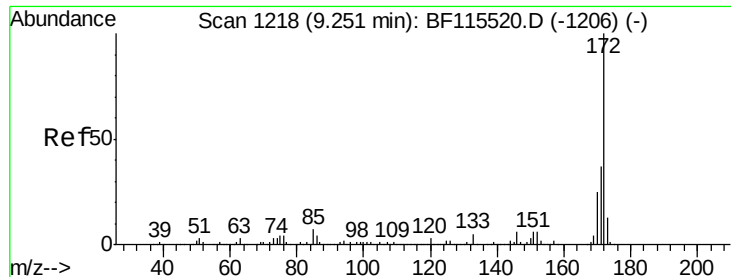
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.771 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341009		
198	99.5	79.6	119.4	
97	44.5	37.8	56.6	
132	26.8	22.8	34.2	





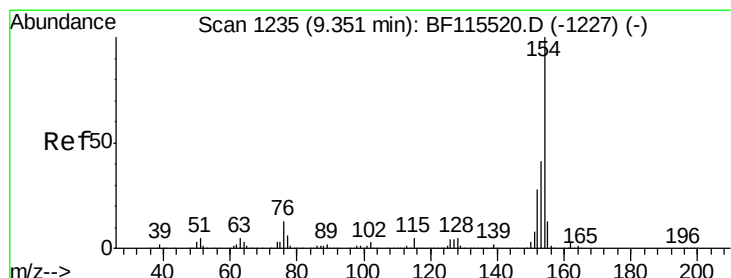
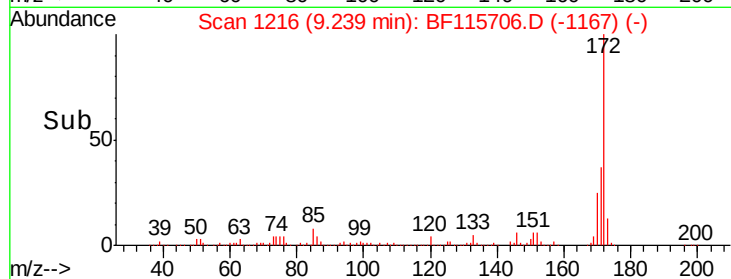
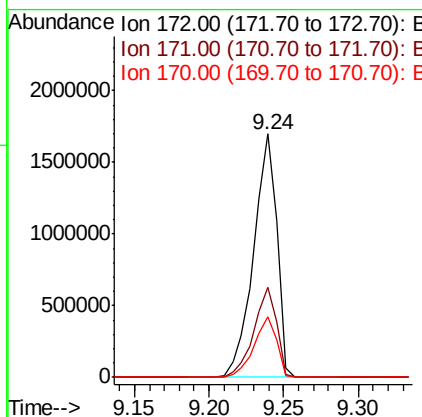
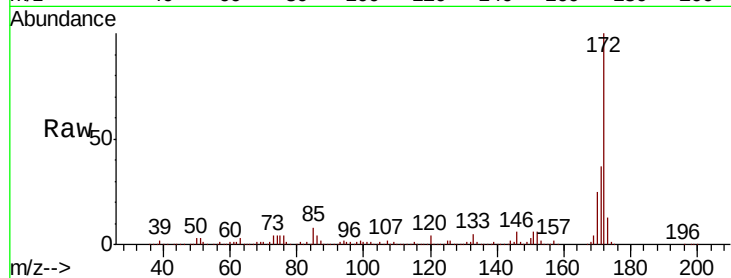
#45
2-Fluorobiphenyl
Concen: 83.407 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.8	20.5	30.7

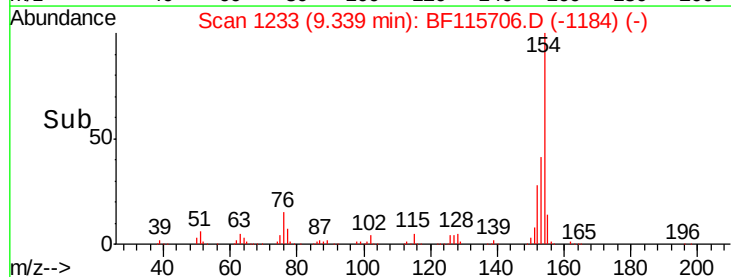
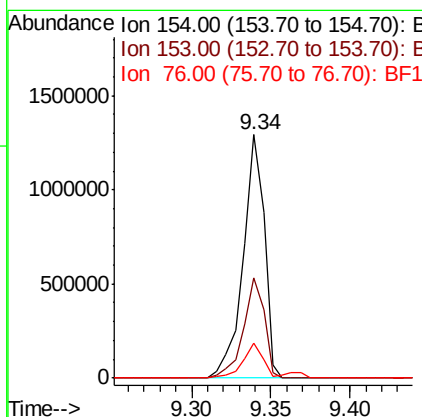
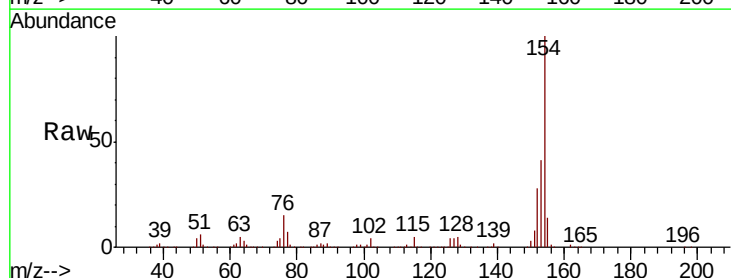
Manual Integrations
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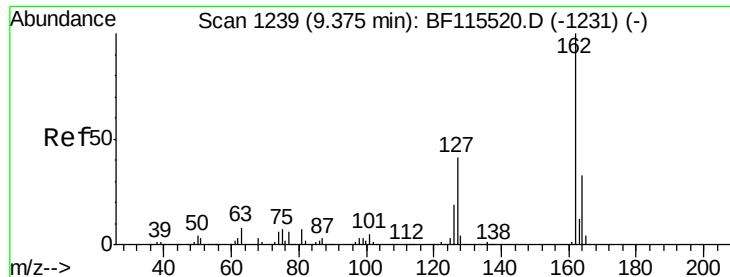
mohammad
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#46
1,1'-Biphenyl
Concen: 40.148 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.6	62.6
76	14.6	0.0	33.4





#47

2-Chloronaphthalene

Concen: 38.141 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

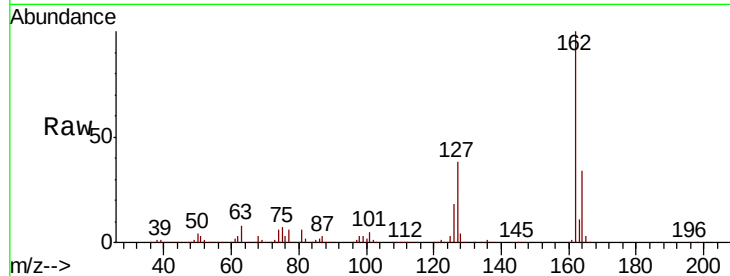
ClientSampleId :

PB121584BS

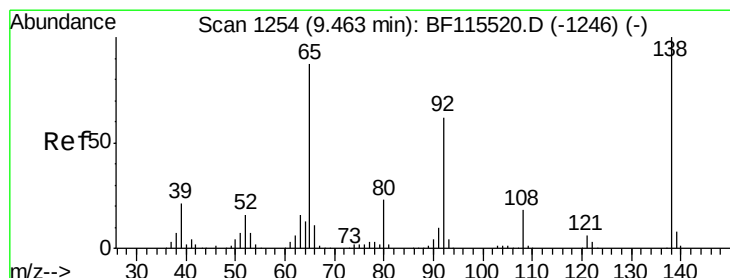
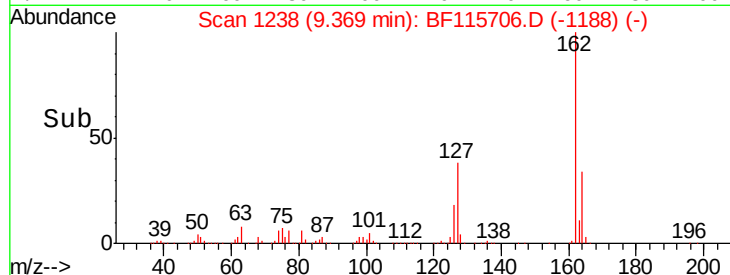
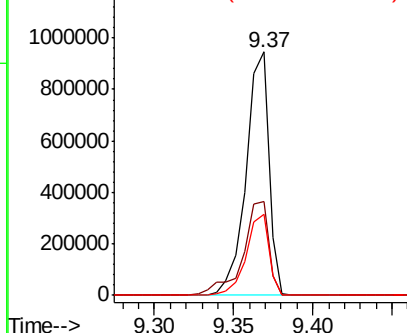
Tot Ion:	162	Resp:	943950
Ion Ratio	Lower	Upper	
162	100		
127	38.4	34.1	51.1
164	33.5	27.4	41.2

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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: 38.063 ng

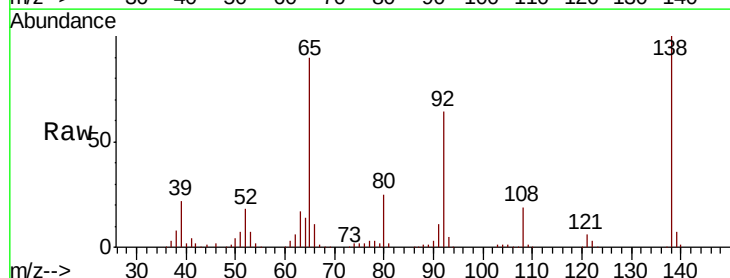
RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

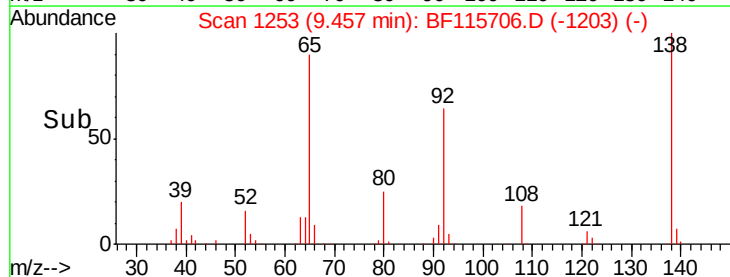
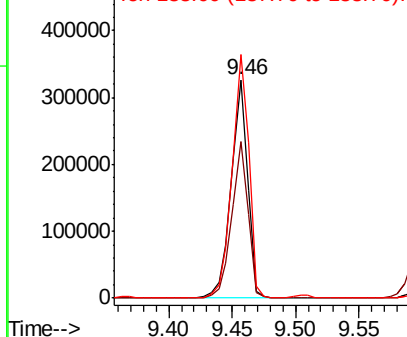
Lab File: BF115706.D

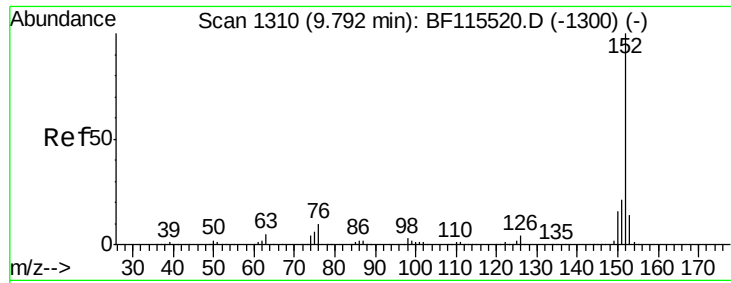
Acq: 22 Jul 2019 13:46

Tgt Ion:	65	Resp:	291573
Ion Ratio	Lower	Upper	
65	100		
92	71.4	57.8	86.6
138	111.4	91.2	136.8



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





#49

Acenaphthylene

Concen: 38.660 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB121584BS

Tot Ion:152 Resp: 1417756

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

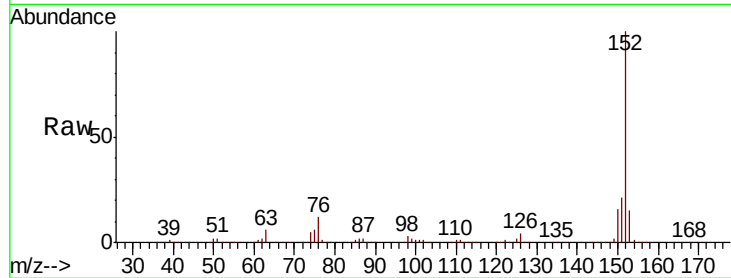
153 14.6 12.0 18.0

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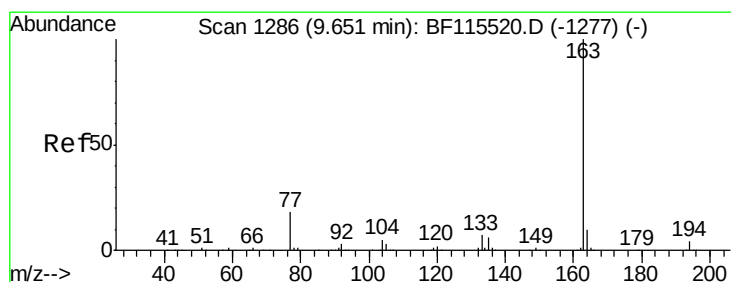
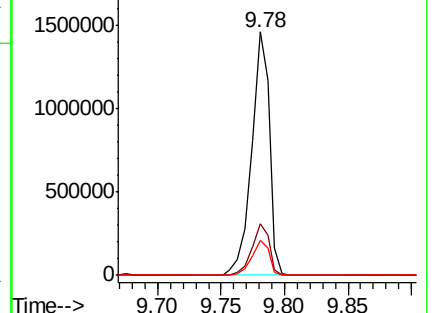
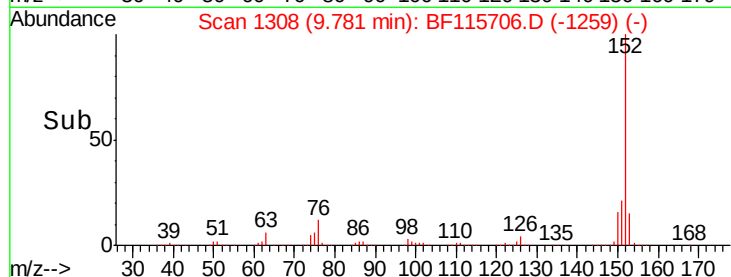
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.952 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

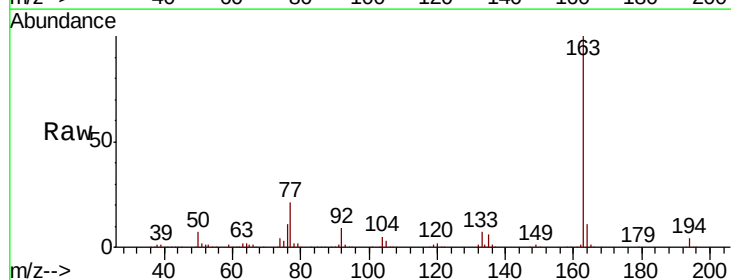
Tgt Ion:163 Resp: 1114199

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

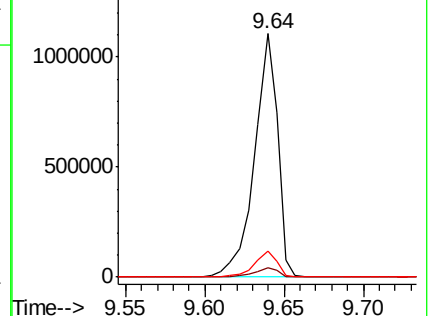
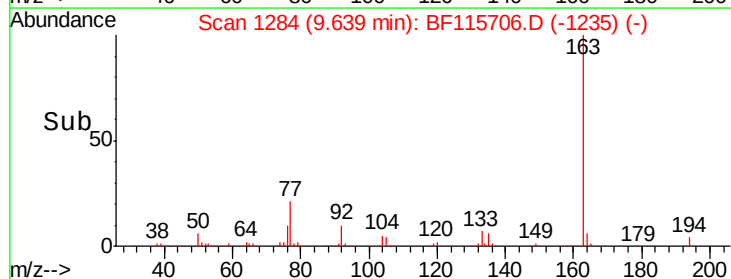
164 10.7 8.7 13.1

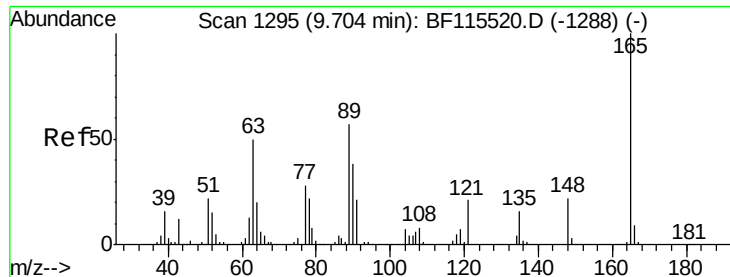


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





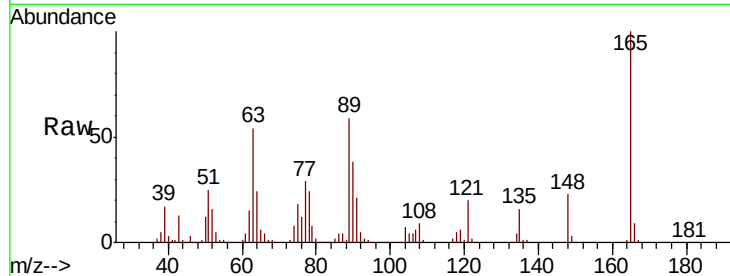
#51
2,6-Dinitrotoluene
Concen: 39.053 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

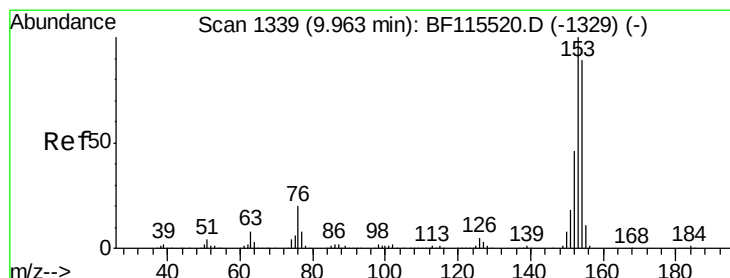
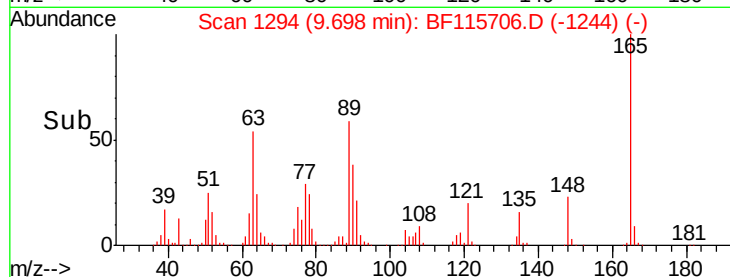
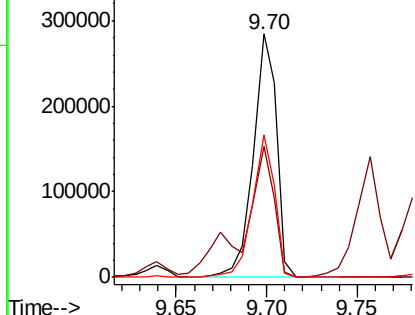
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.9	40.6	61.0
89	58.8	43.9	65.9

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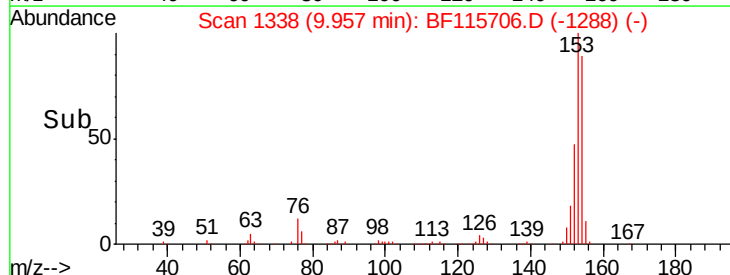
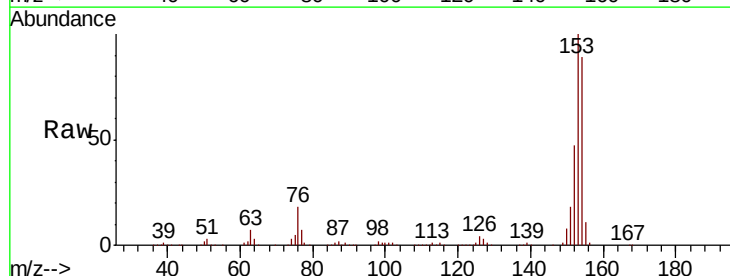
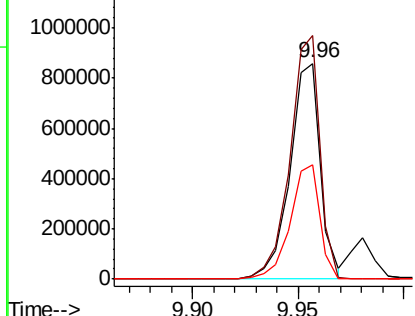
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

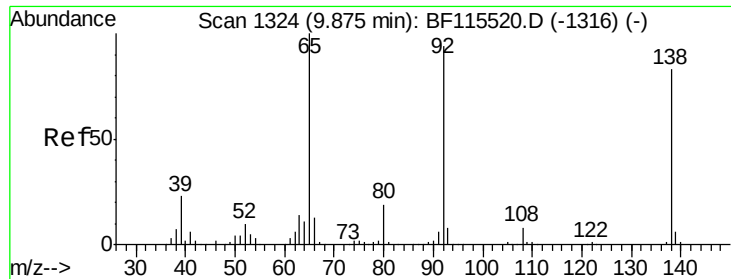


#52
Acenaphthene
Concen: 36.620 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.7	88.6	133.0
152	52.7	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





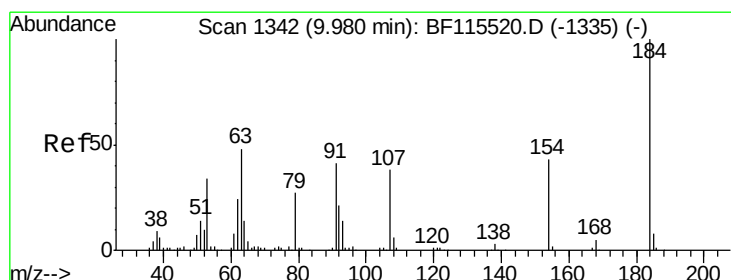
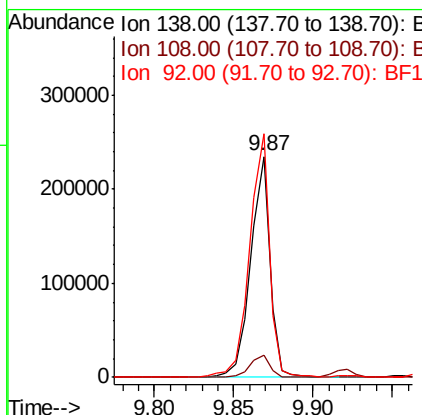
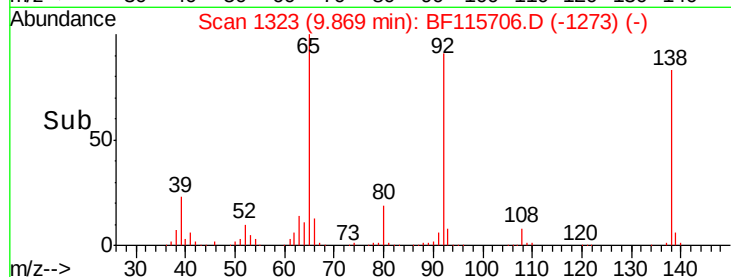
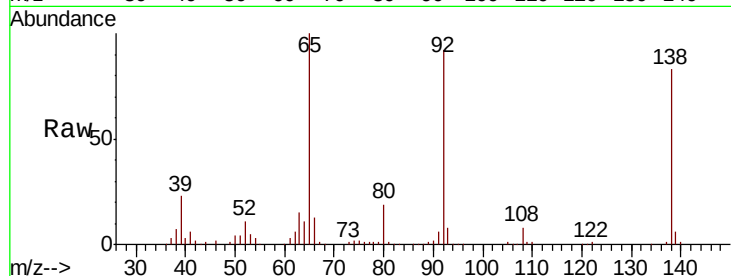
#53
3-Nitroaniline
Concen: 26.889 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.4	12.6
92	110.2	88.0	132.0

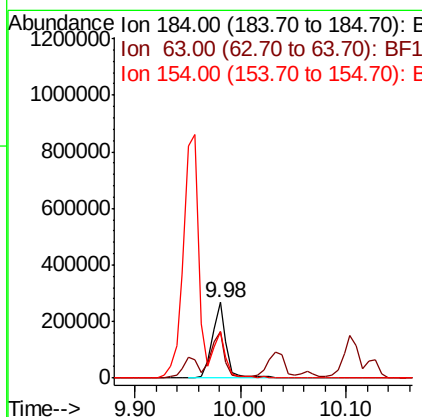
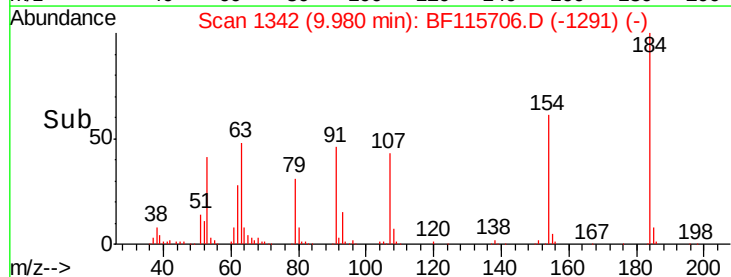
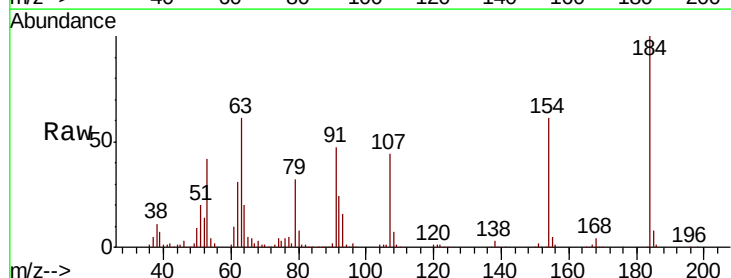
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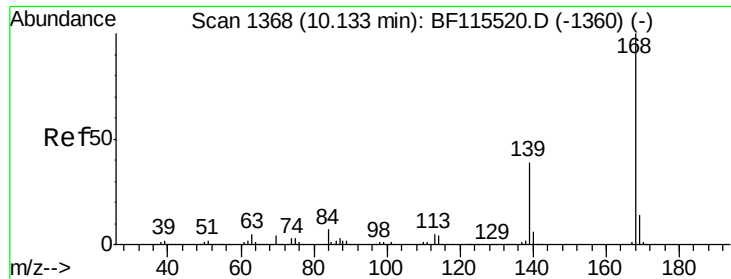
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#54
2,4-Dinitrophenol
Concen: 75.025 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	48.7	73.1
154	61.5	48.6	73.0





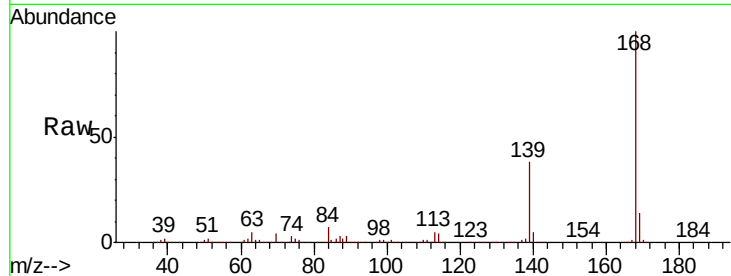
#55
Dibenzofuran
Concen: 38.169 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.1	46.7
169	14.0	11.1	16.7

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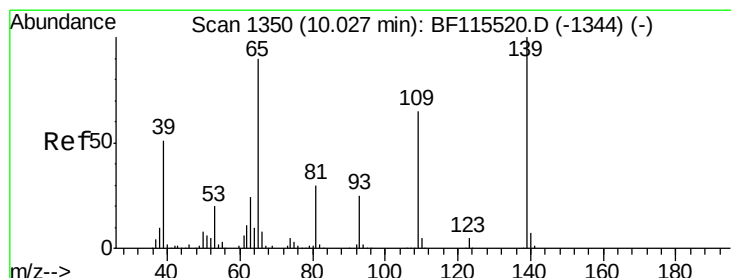
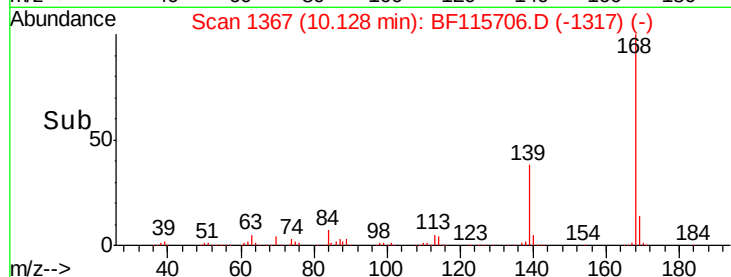
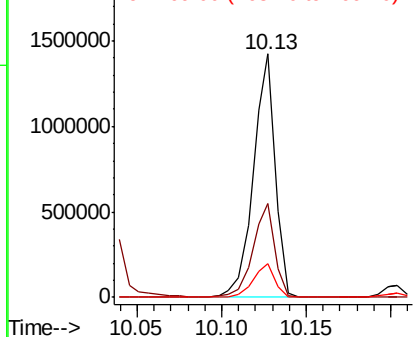


Abundance

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: 71.267 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

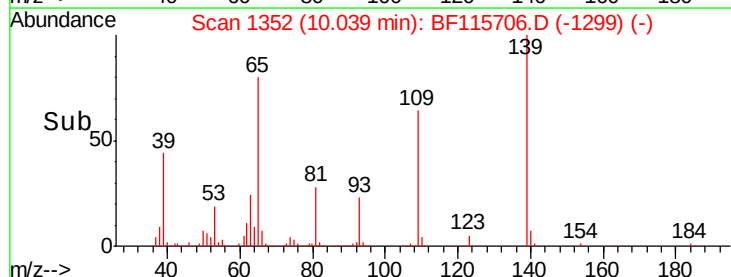
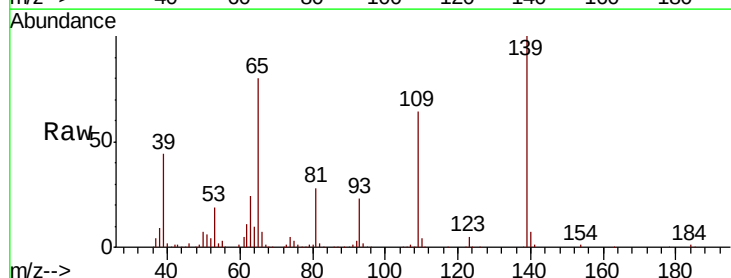
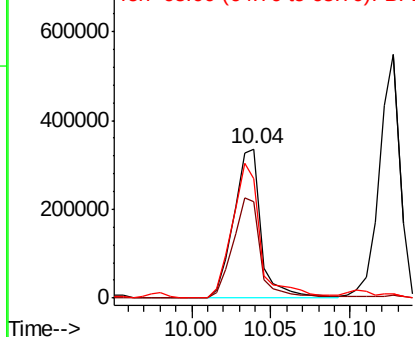
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	46.4	86.4
65	79.7	68.9	108.9

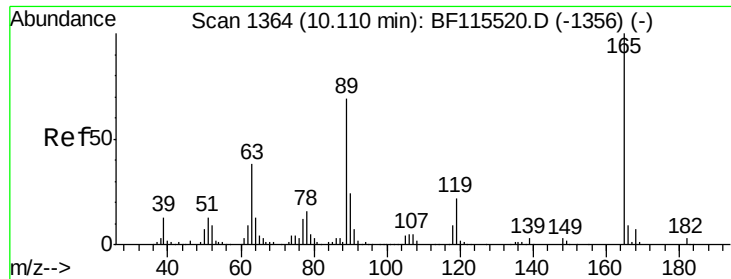
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





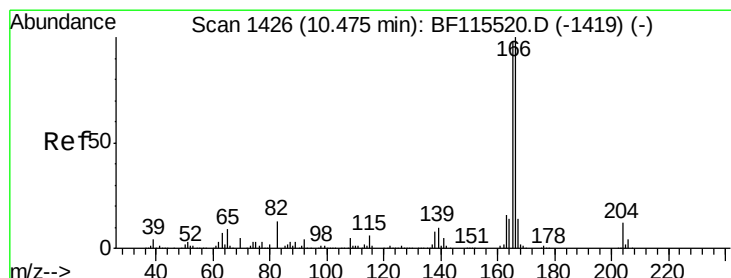
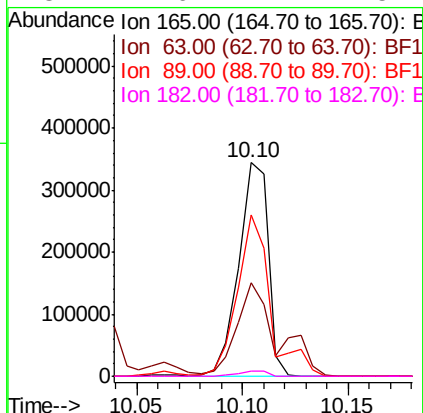
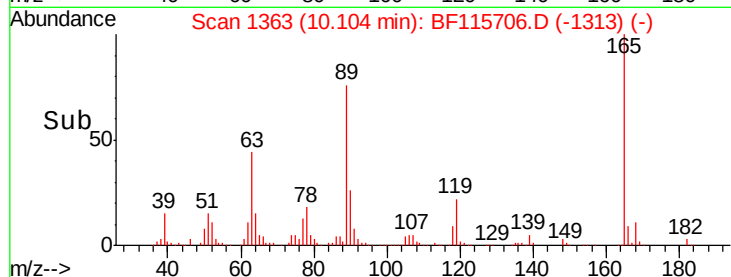
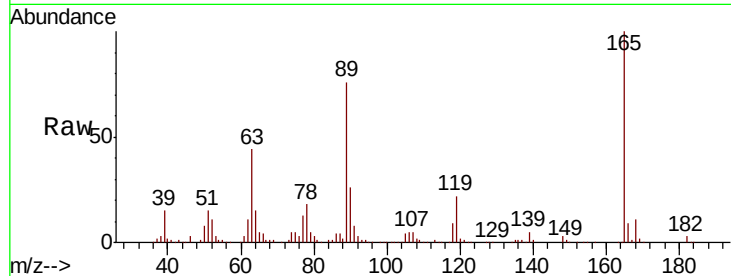
#57
2,4-Dinitrotoluene
Concen: 39.819 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	34.9	52.3
89	75.6	57.5	86.3
182	2.6	2.2	3.4

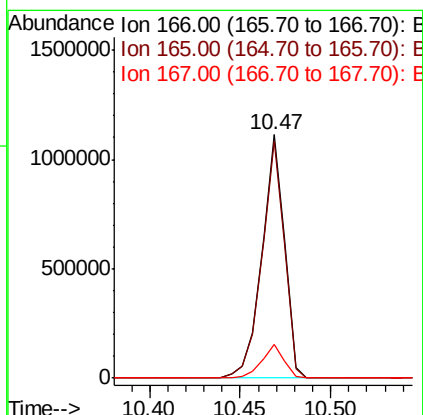
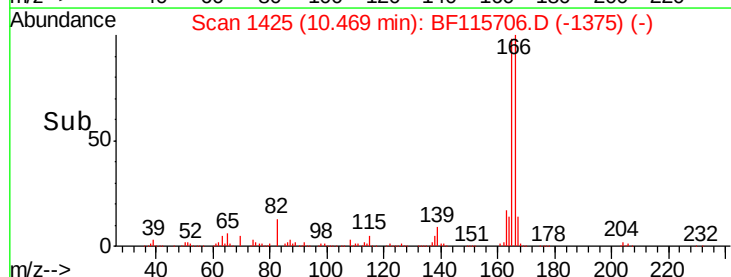
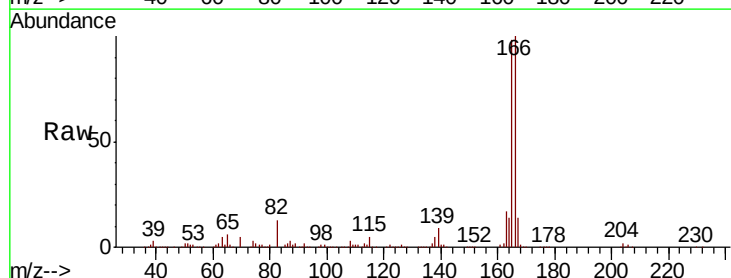
Manual Integrations
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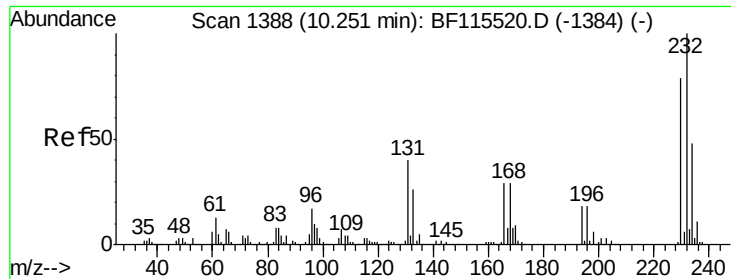
mohammad
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#58
Fluorene
Concen: 40.177 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.6
167	13.6	11.2	16.8





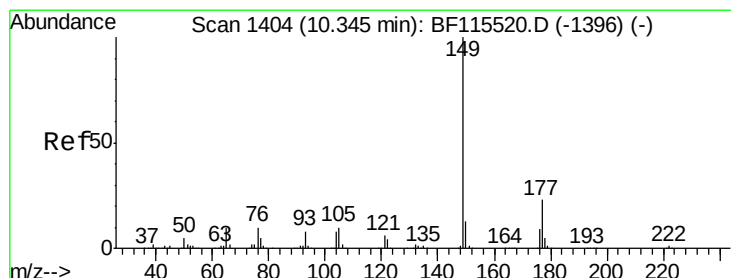
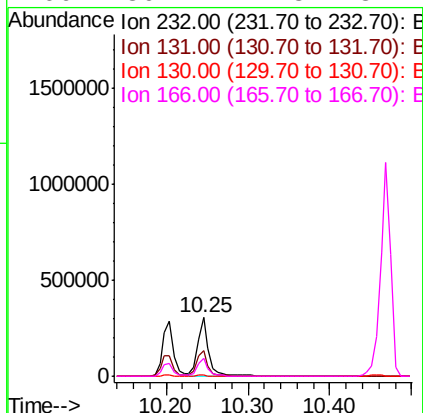
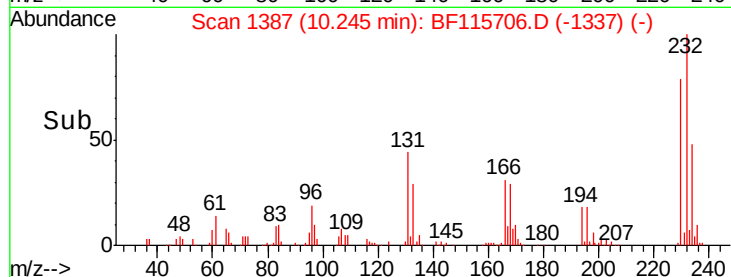
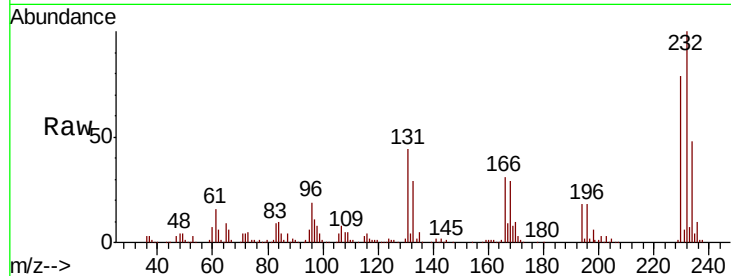
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.215 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.9	53.9
130	2.3	1.8	2.6
166	30.2	24.8	37.2

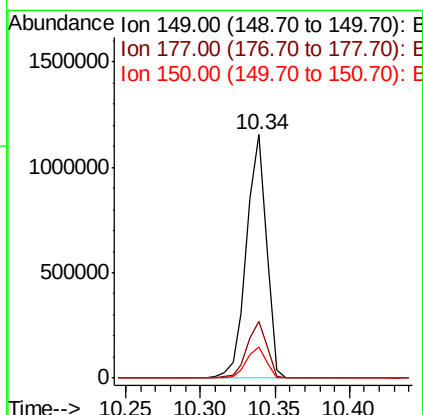
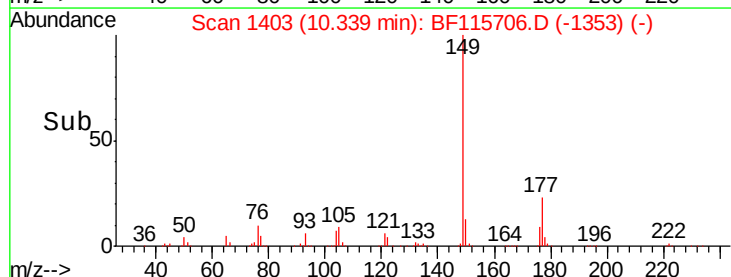
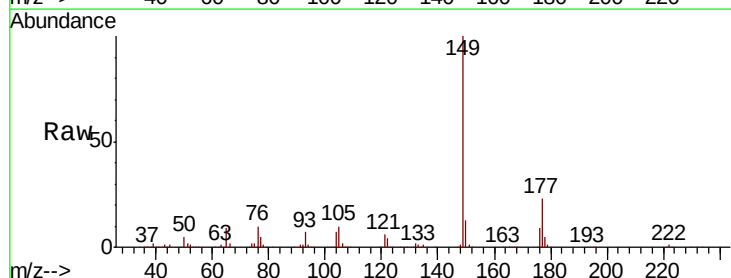
Manual Integrations
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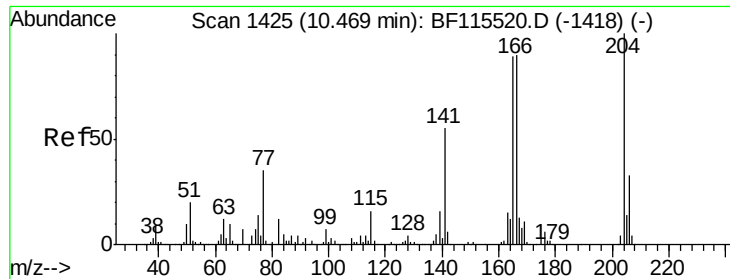
mohammad
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#60
Diethylphthalate
Concen: 40.098 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.5	29.3
150	12.8	10.4	15.6





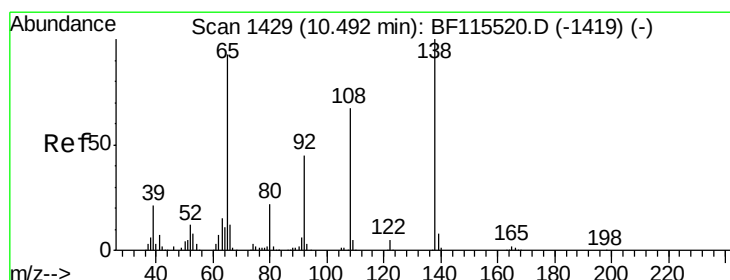
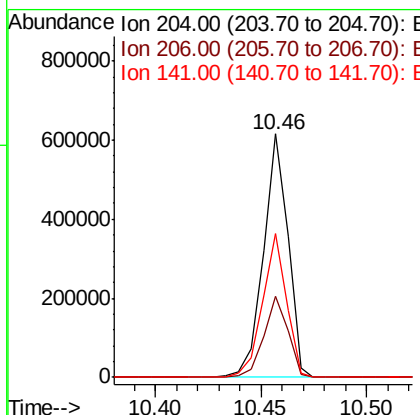
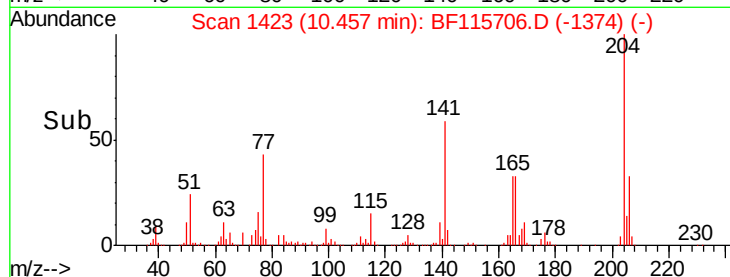
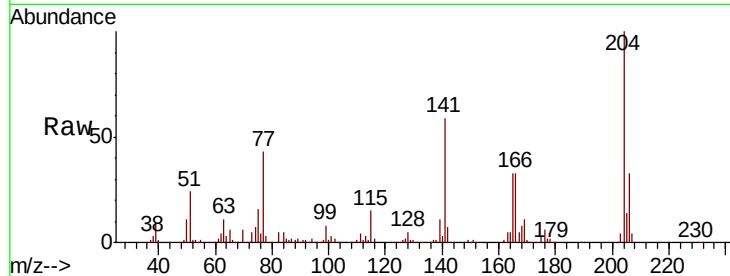
#61
4-Chlorophenyl-phenylether
Concen: 37.351 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	59.0	44.2	66.2

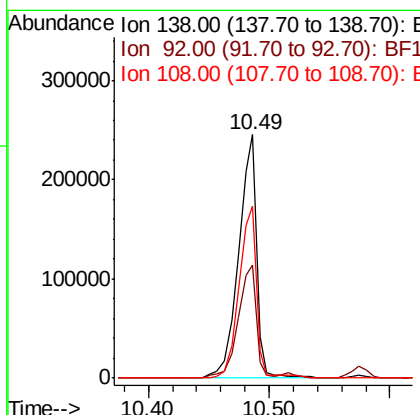
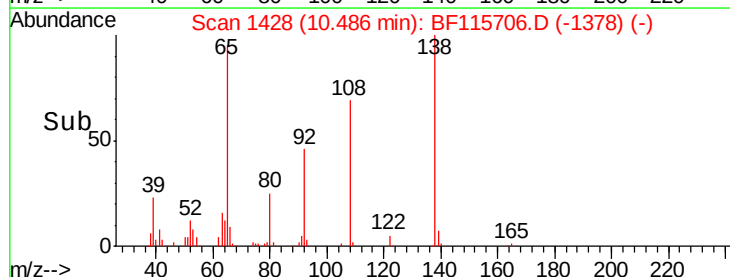
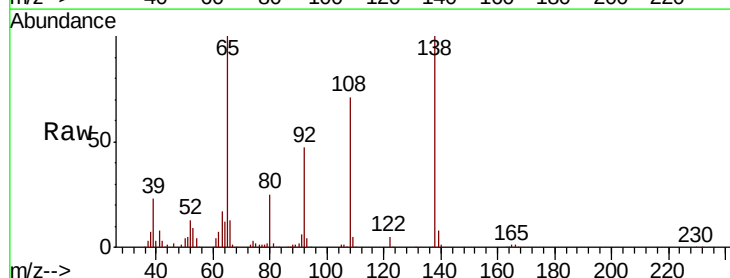
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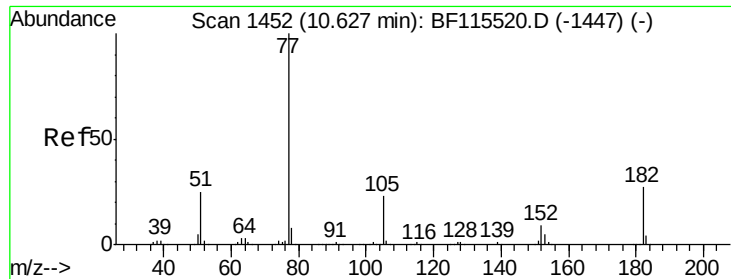
mohammad
7/23/2019 4:24:25 PM



#62
4-Nitroaniline
Concen: 35.981 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.1	67.1
108	70.6	48.0	88.0





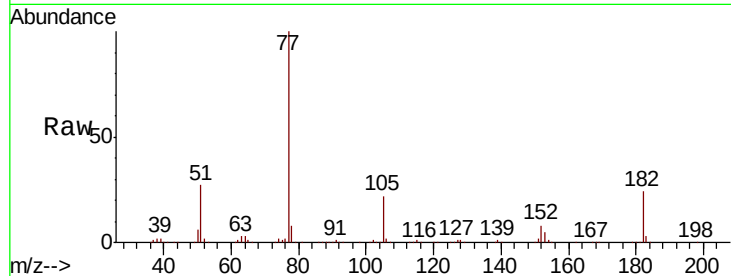
#63
Azobenzene
Concen: 41.042 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	6.9	46.9	
105	22.4	3.9	43.9	
51	26.7	7.3	47.3	

Manual Integrations
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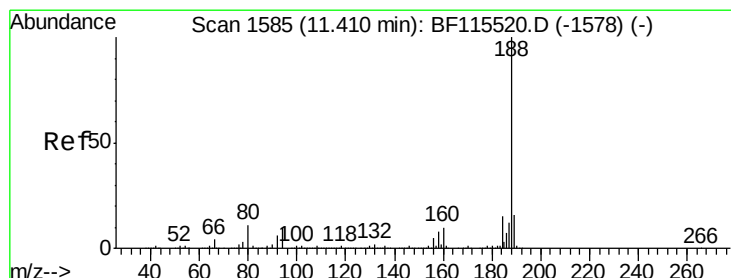
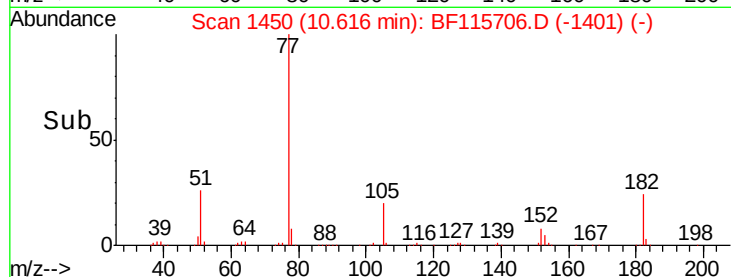
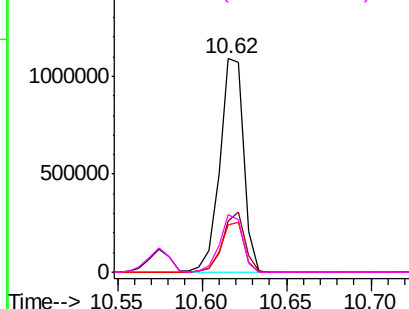
Abundance

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: BF115706.D
Acq: 22 Jul 2019 13:46

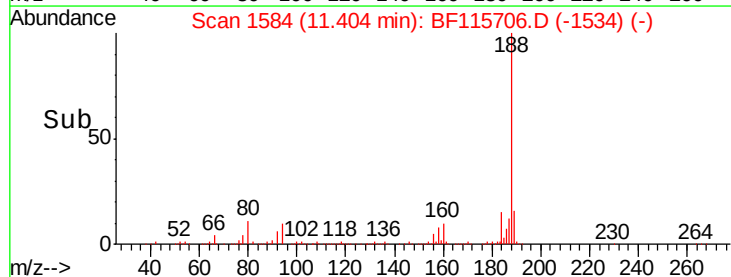
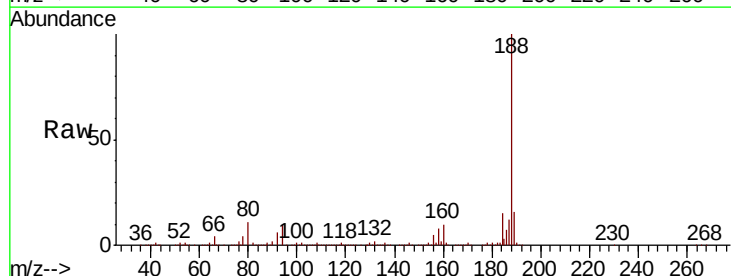
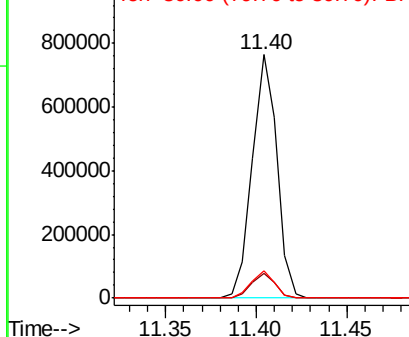
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	7.8	11.6	
80	11.0	8.6	13.0	

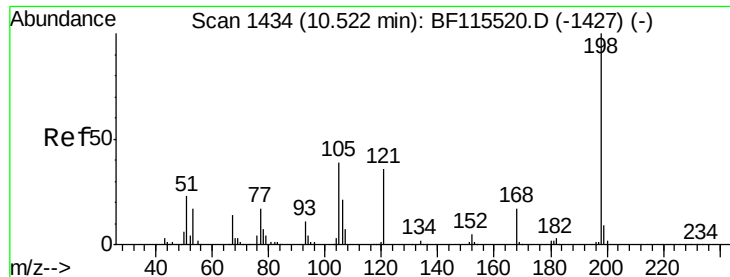
Abundance

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: 37.629 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

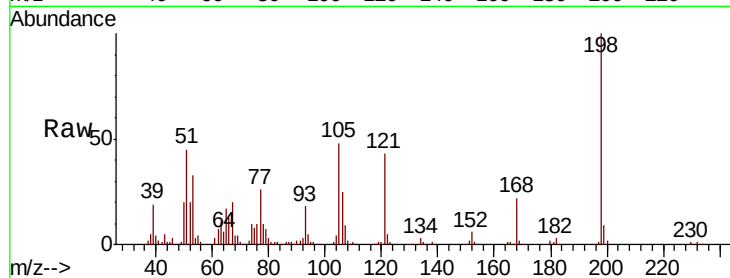
ClientSampleId :

PB121584BS

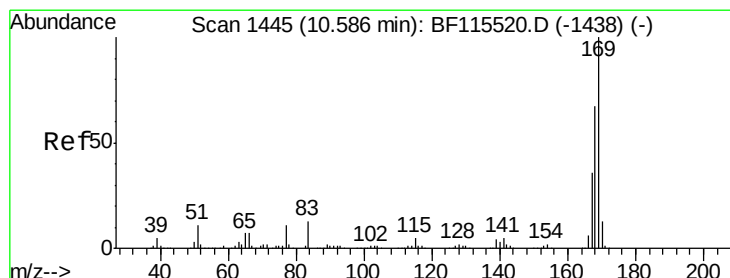
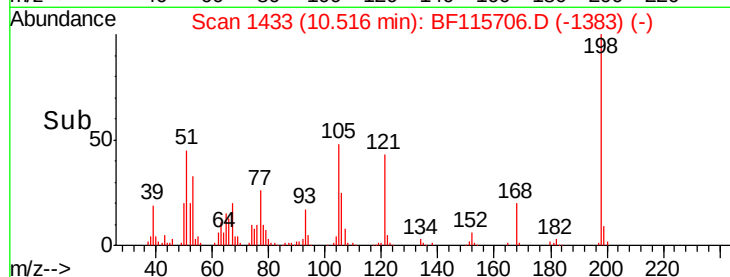
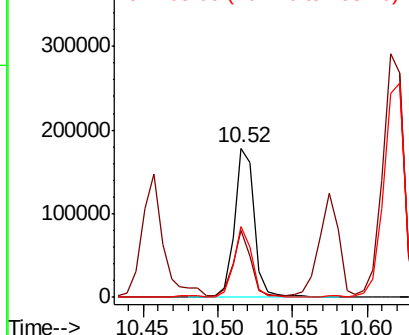
Tot Ion:	198	Resp:	167033
Ion Ratio	Lower	Upper	
198	100		
51	44.8	19.1	59.1
105	47.6	23.6	63.6

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



#66

n-Nitrosodiphenylamine

Concen: 39.396 ng

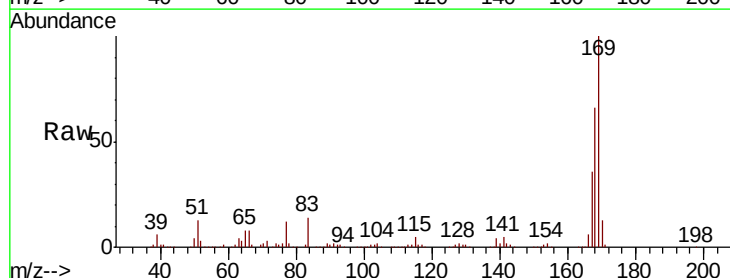
RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

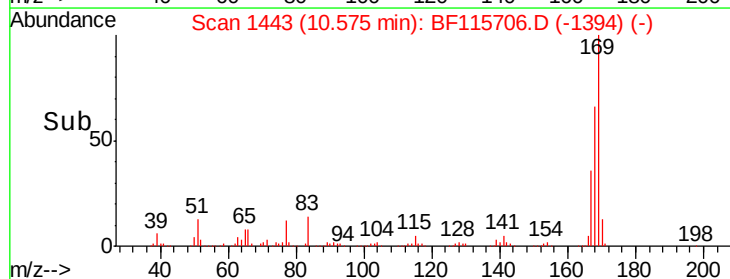
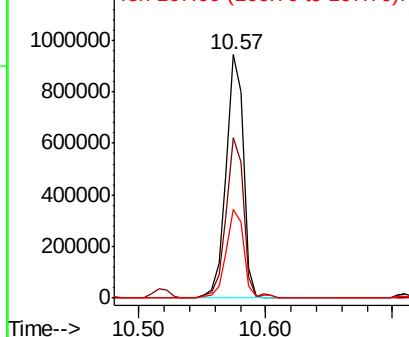
Lab File: BF115706.D

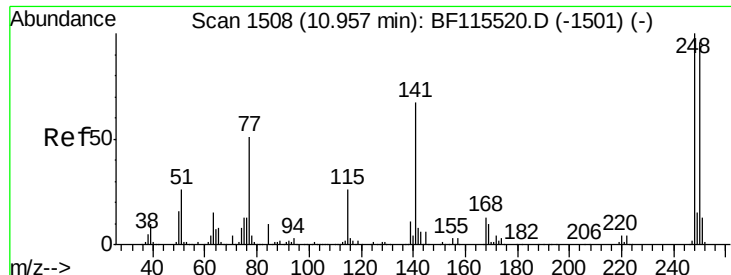
Acq: 22 Jul 2019 13:46

Tgt Ion:	169	Resp:	890355
Ion Ratio	Lower	Upper	
169	100		
168	66.1	54.3	81.5
167	36.4	30.2	45.2



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





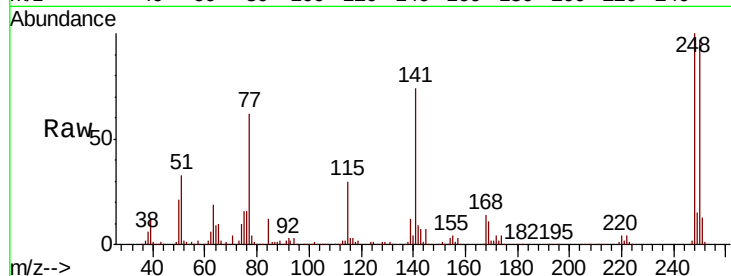
#67
4-Bromophenyl-phenylether
Concen: 37.723 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.0	117.0
141	74.0	57.7	86.5

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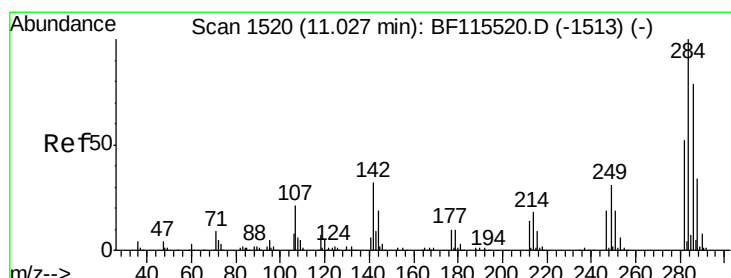
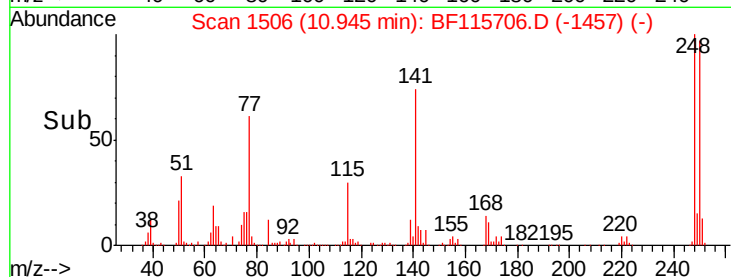
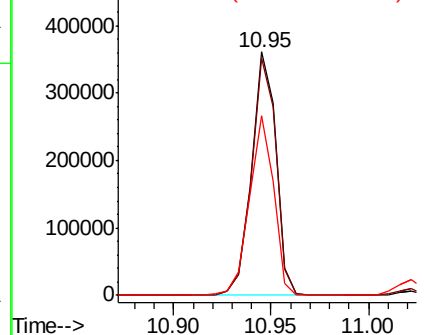


Abundance

Ion 248.00 (247.70 to 248.70): E

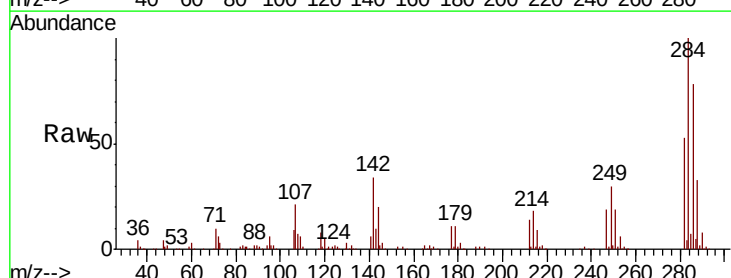
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.464 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	22.2	33.2#
249	29.6	23.4	35.2

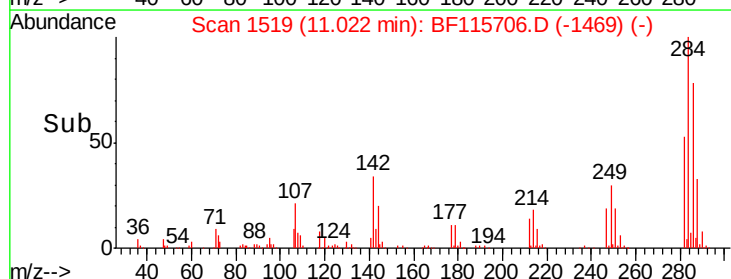
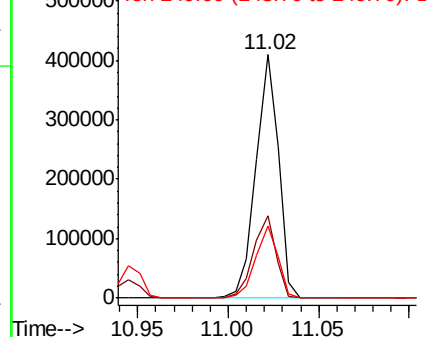


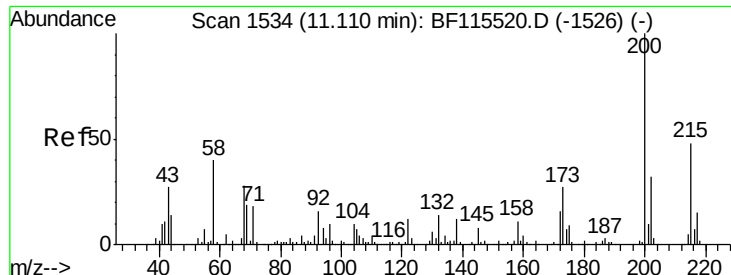
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





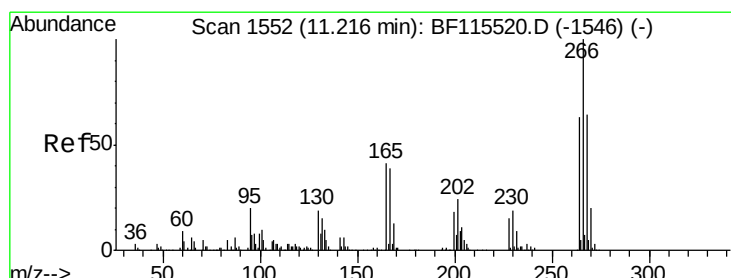
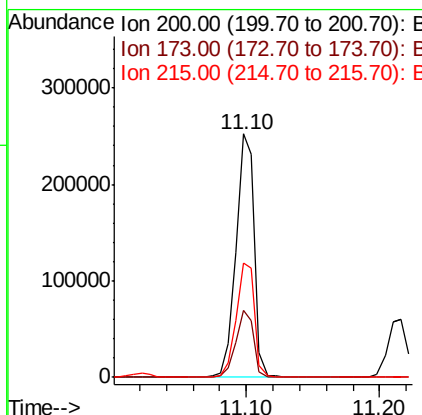
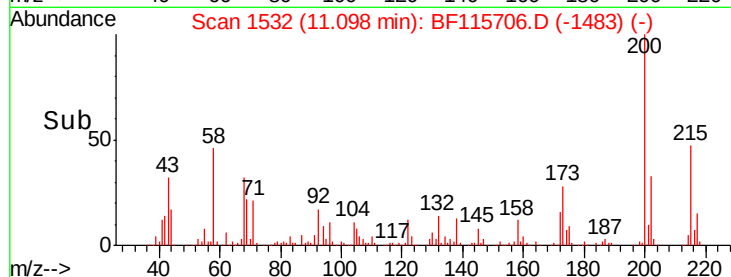
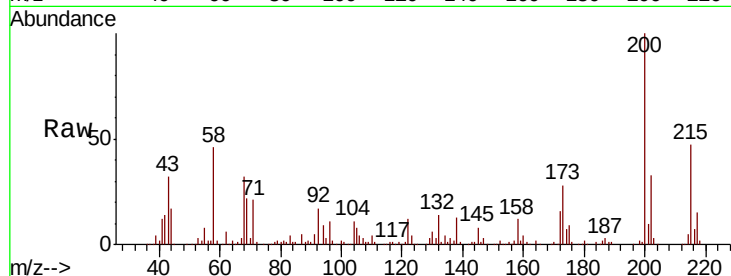
#69
Atrazine
Concen: 32.731 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.9	46.9
215	47.0	27.9	67.9

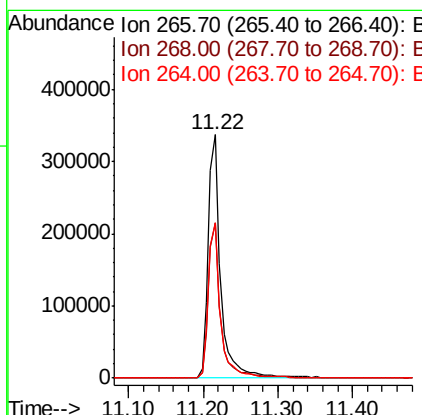
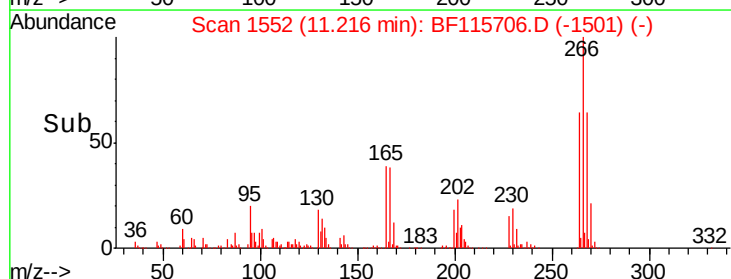
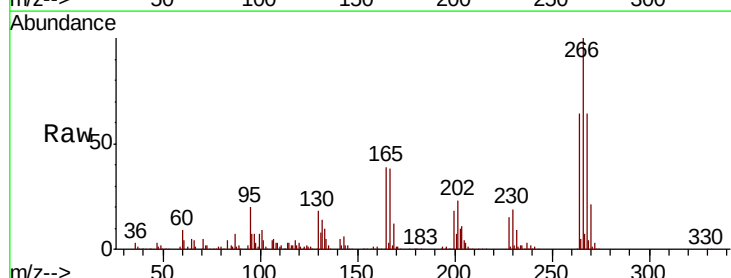
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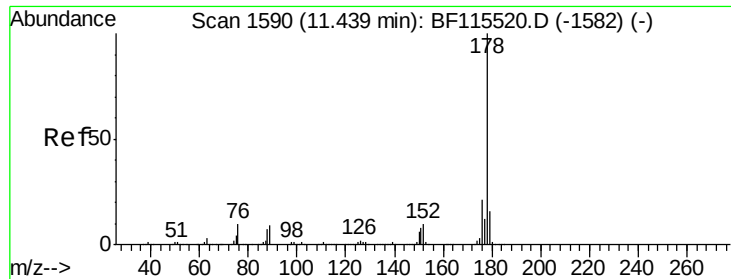
mohammad
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#70
Pentachlorophenol
Concen: 68.308 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.6	77.4
264	63.8	50.6	76.0





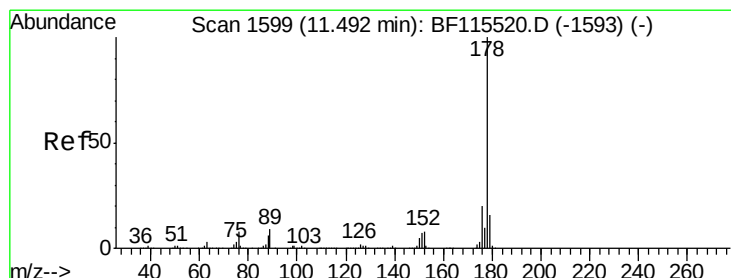
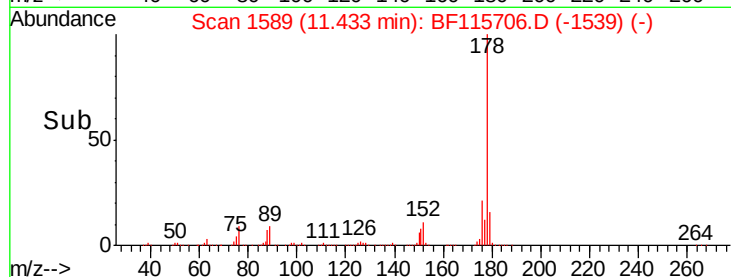
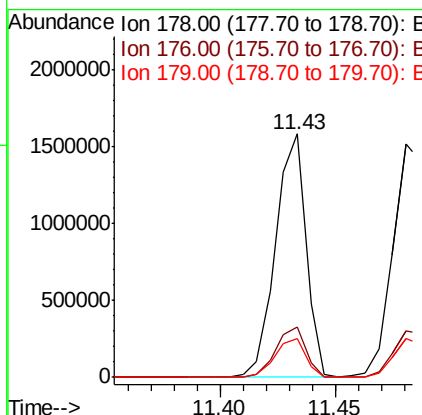
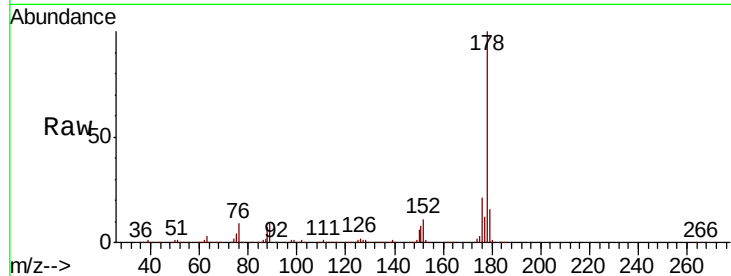
#71
Phenanthrene
Concen: 38.952 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion:178 Resp: 1450652
Ion Ratio Lower Upper
178 100
176 20.7 17.2 25.8
179 16.0 13.5 20.3

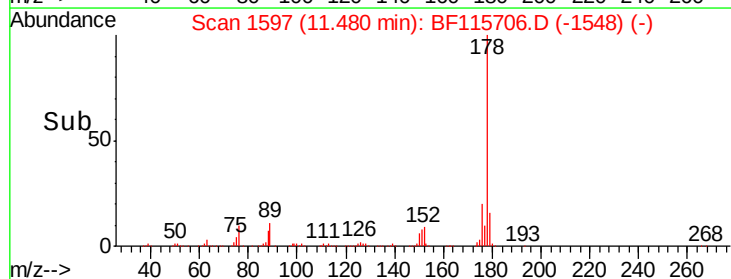
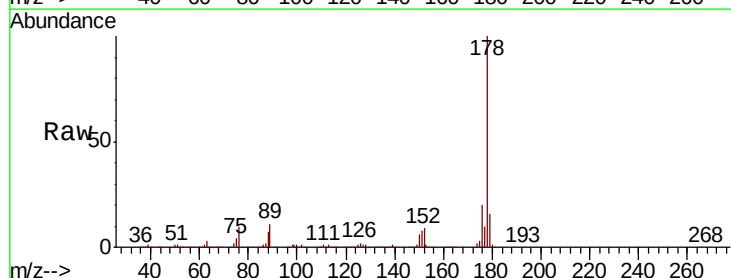
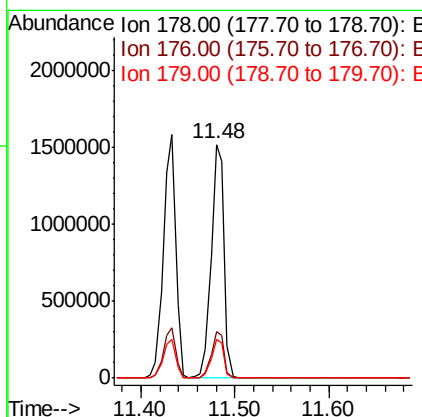
Manual Integrations
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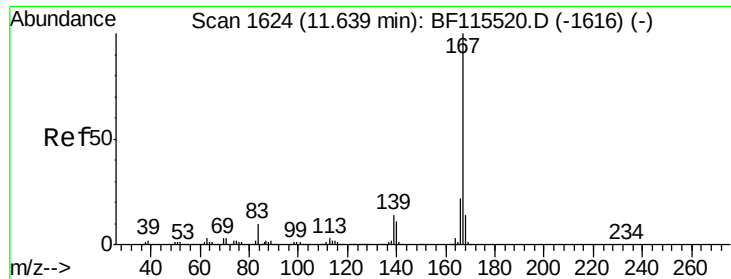
mohammad
7/23/2019 4:24:25 PM



#72
Anthracene
Concen: 38.525 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:178 Resp: 1482750
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.5 12.7 19.1





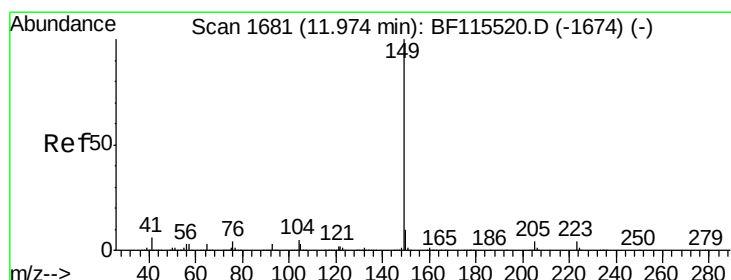
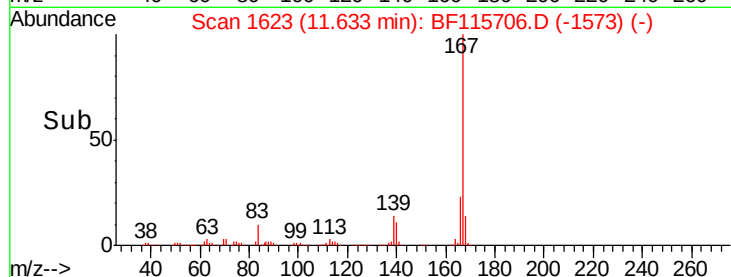
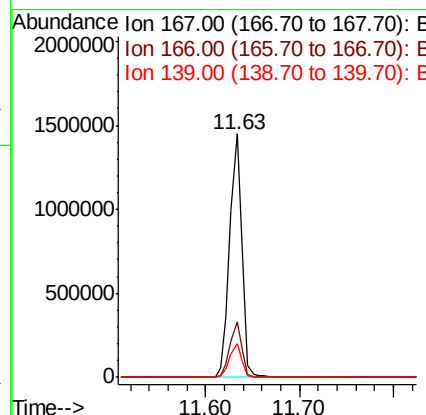
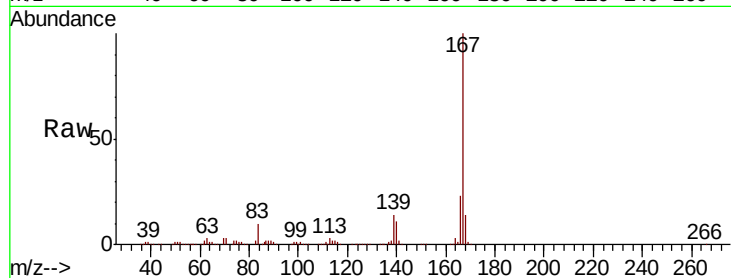
#73
 Carbazole
 Concen: 39.277 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121584BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.9	11.3	16.9

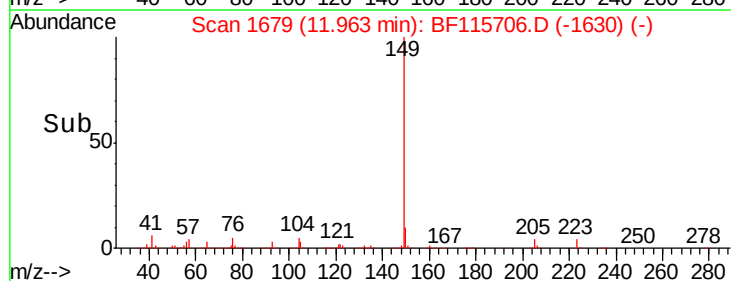
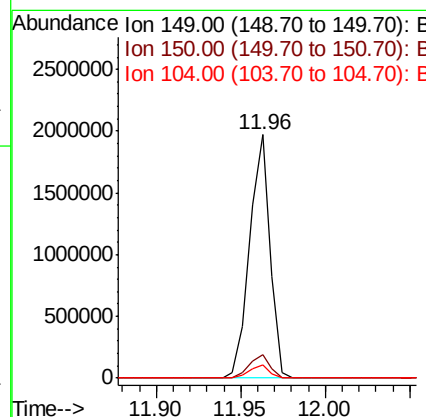
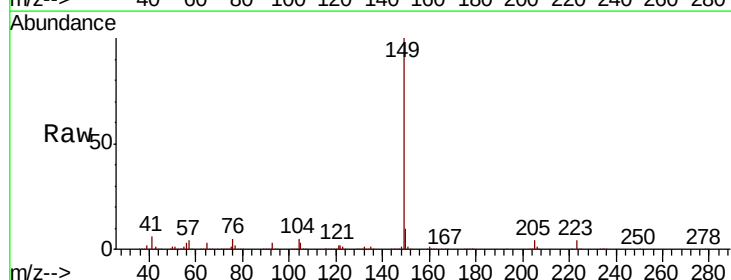
Manual Integrations
 APPROVED

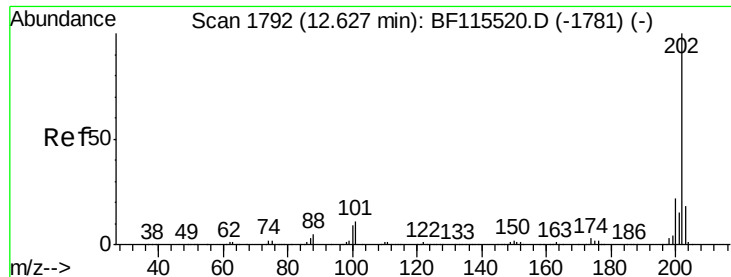
mohammad
 7/23/2019 4:24:25 PM



#74
 Di-n-butylphthalate
 Concen: 40.074 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.3	3.8	5.8





#75

Fluoranthene

Concen: 38.625 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

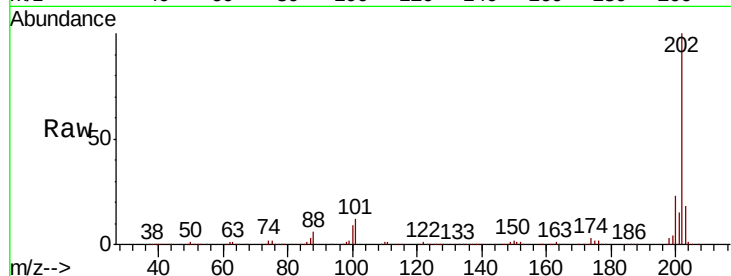
ClientSampleId :

PB121584BS

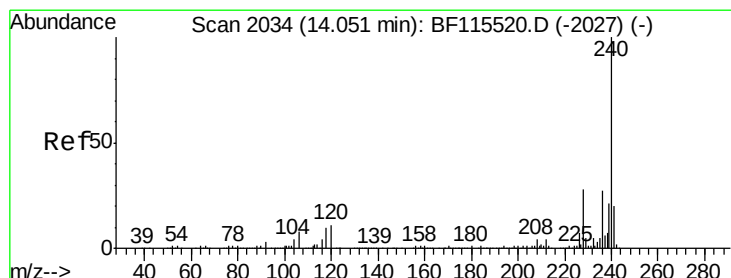
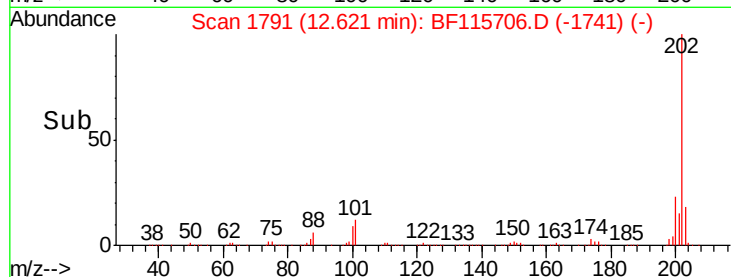
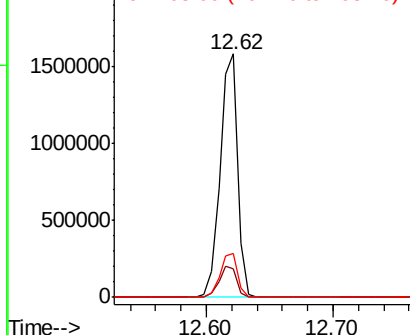
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1520075		
101	11.5	0.0	31.4		
203	18.1	0.0	38.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

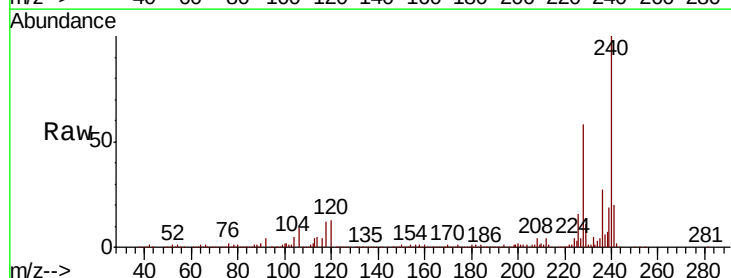
RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

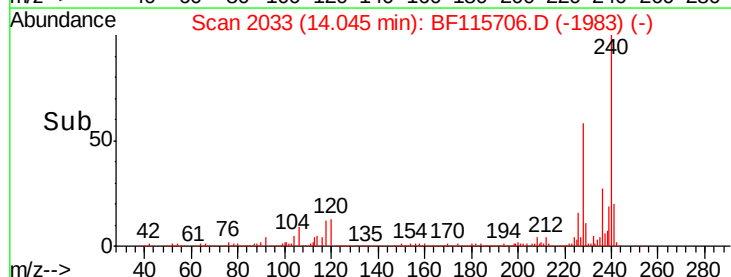
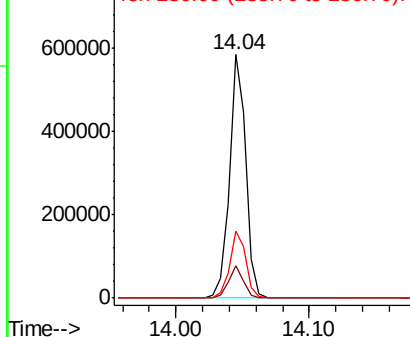
Lab File: BF115706.D

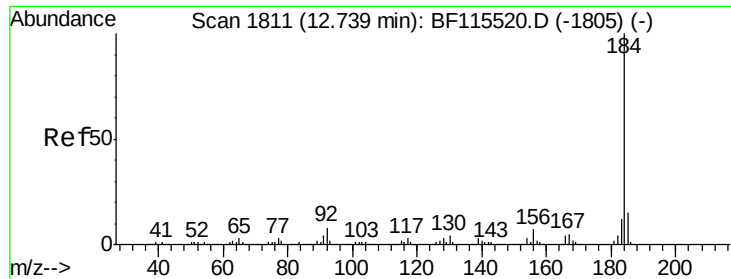
Acq: 22 Jul 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		501279		
120	13.3	8.6	13.0#		
236	27.4	21.3	31.9		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.643 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

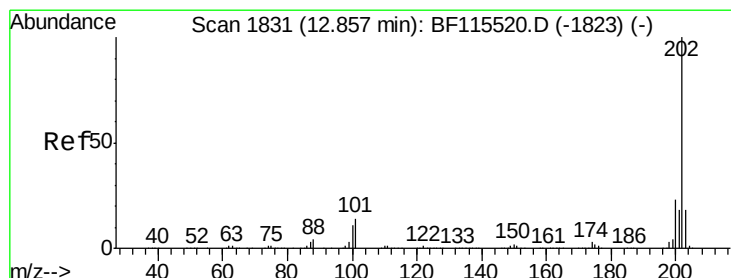
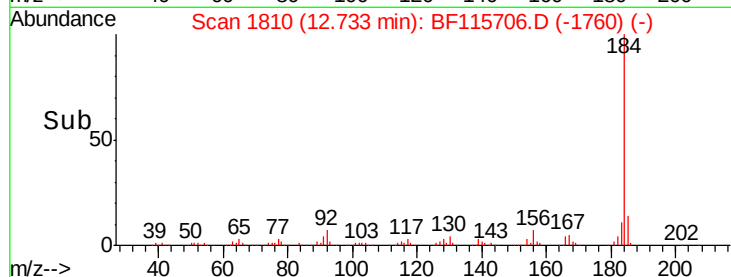
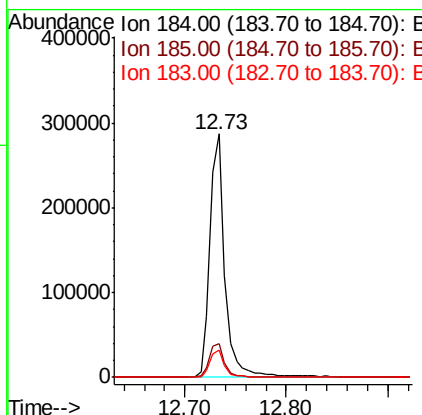
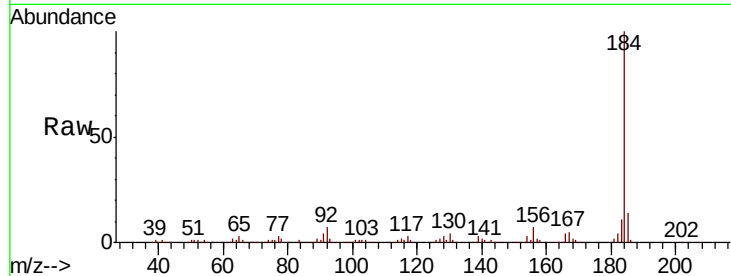
ClientSampleId :

PB121584BS

Tot Ion:	184	Resp:	295546
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.0	18.0
183	11.5	9.3	13.9

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#78

Pyrene

Concen: 36.479 ng

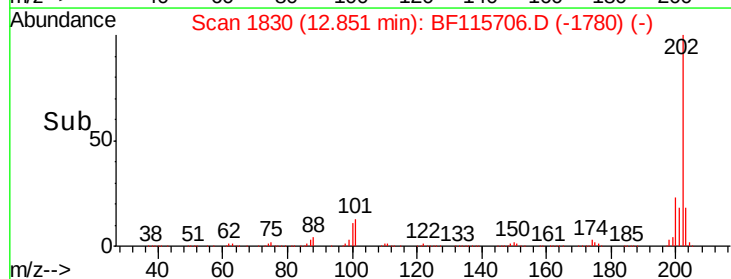
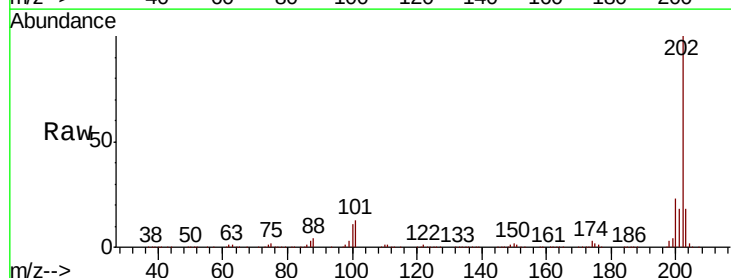
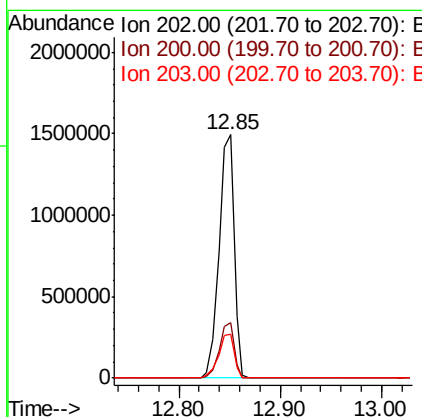
RT: 12.85 min Scan# 1830

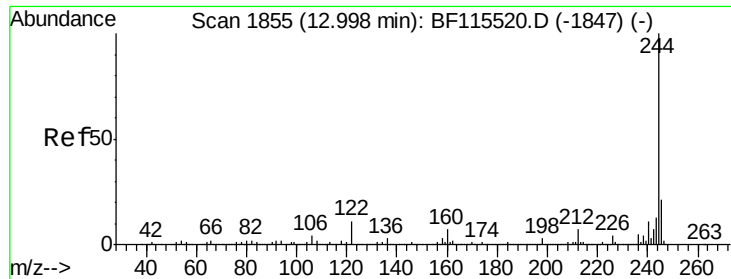
Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:	202	Resp:	1549280
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.7	28.1
203	18.0	15.2	22.8





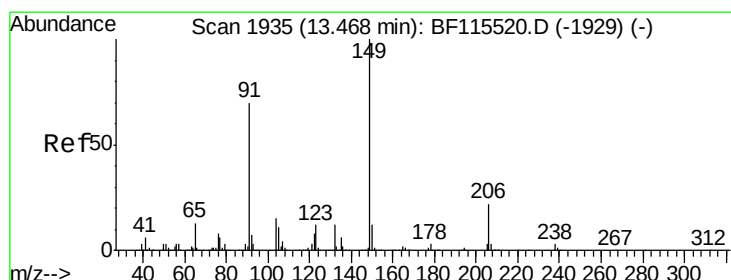
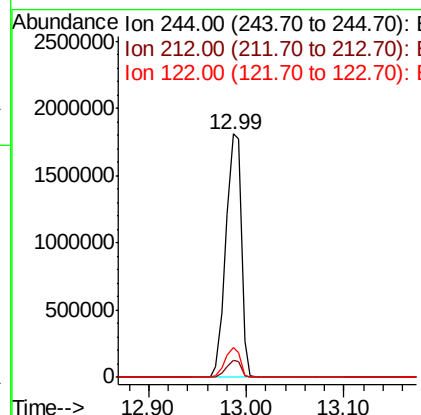
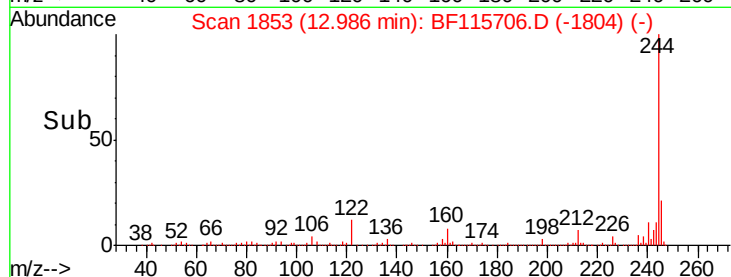
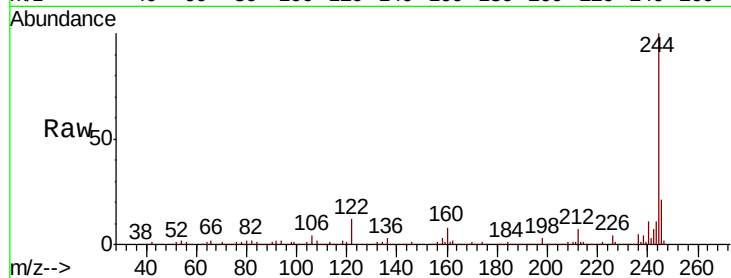
#79
 Terphenyl-d14
 Concen: 73.671 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121584BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.4	8.6	12.8

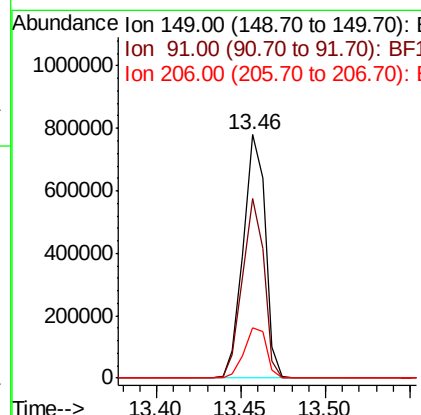
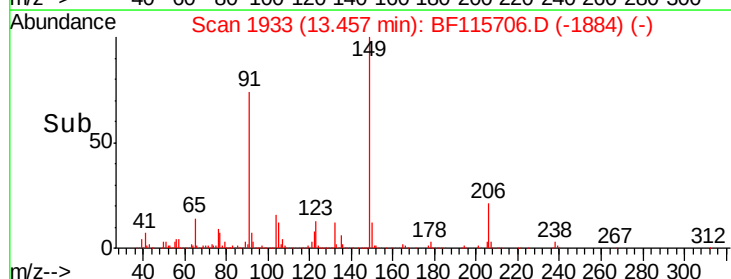
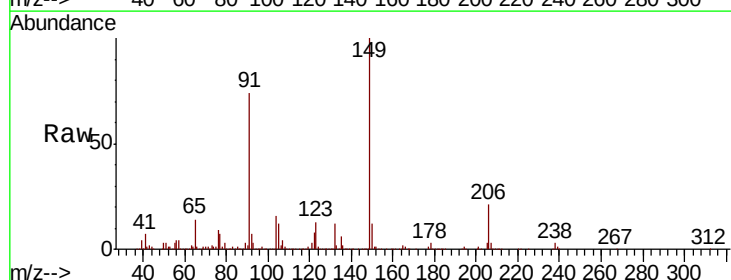
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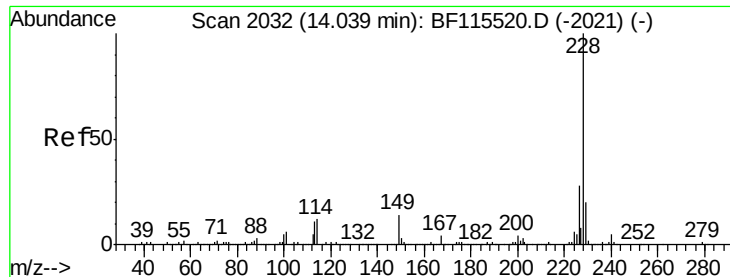
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#80
 Butylbenzylphthalate
 Concen: 39.235 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	55.8	83.8
206	20.6	18.2	27.2





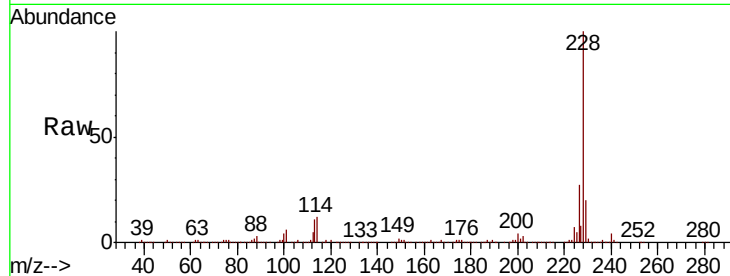
#81
Benzo(a)anthracene
Concen: 38.552 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	20.2	17.2	25.8

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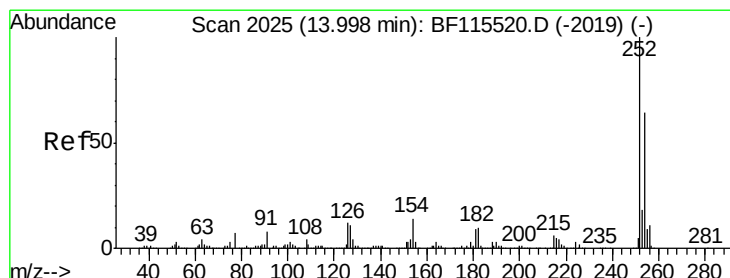
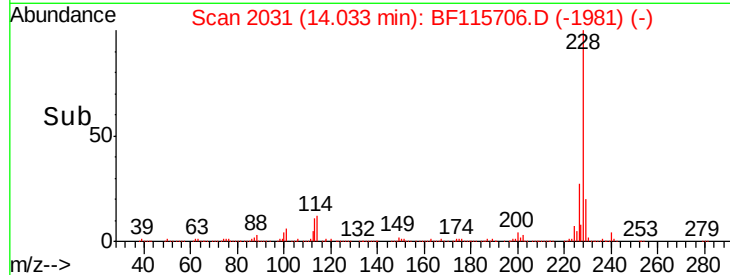
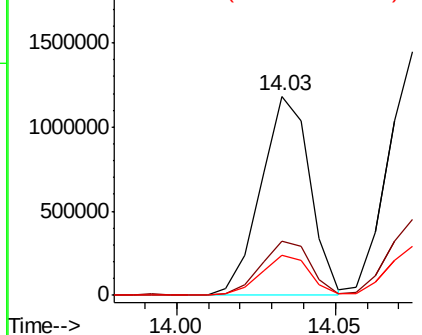


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.547 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

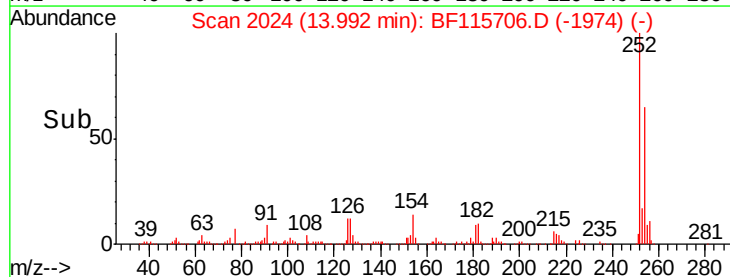
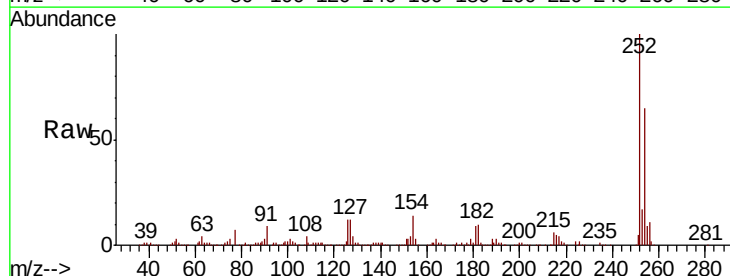
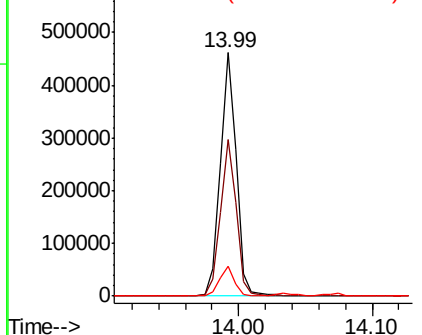
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.9	79.3
126	12.2	9.9	14.9

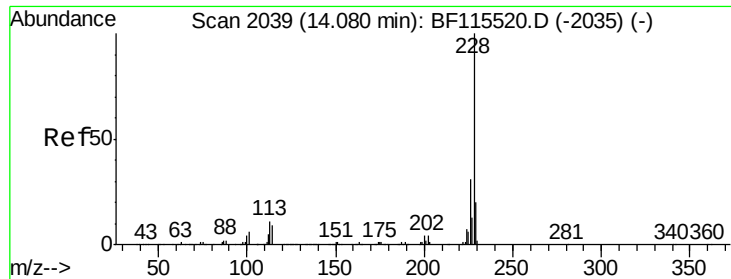
Abundance

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





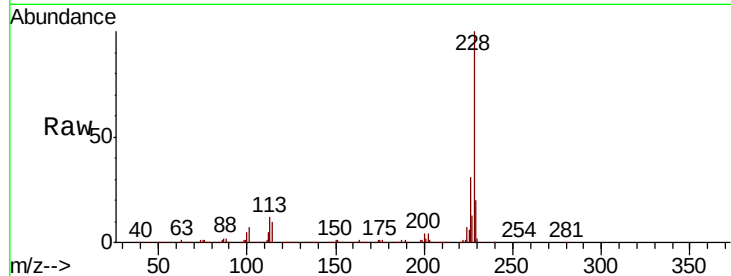
#83
Chrysene
Concen: 38.166 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.3	16.6	25.0

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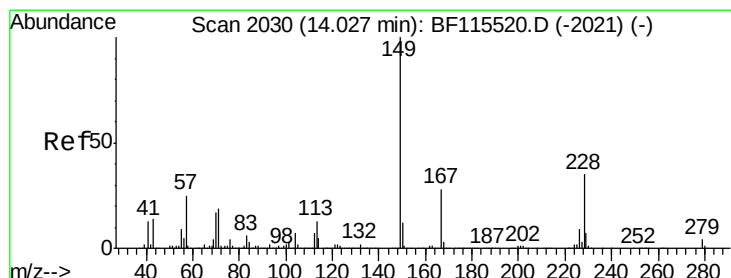
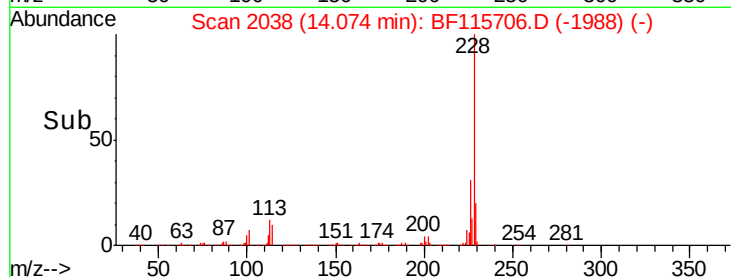
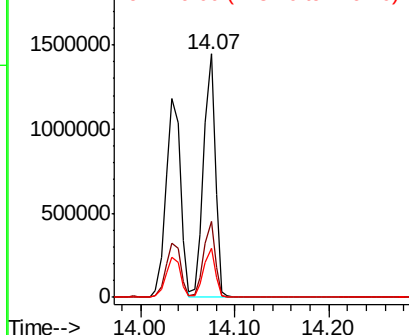


Abundance

Ion 228.00 (227.70 to 228.70): E

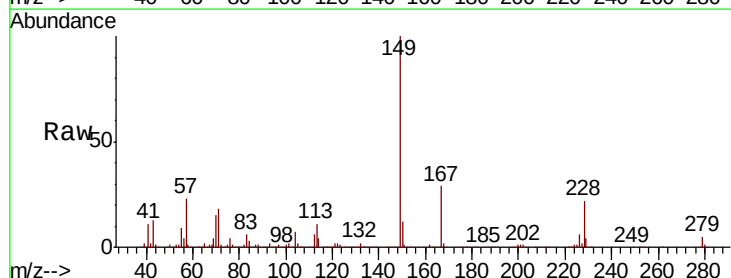
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.335 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	4.6	4.2	6.2

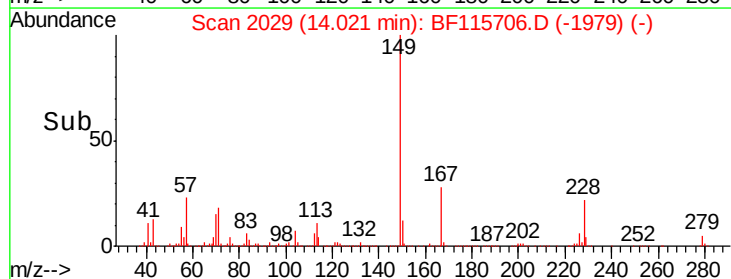
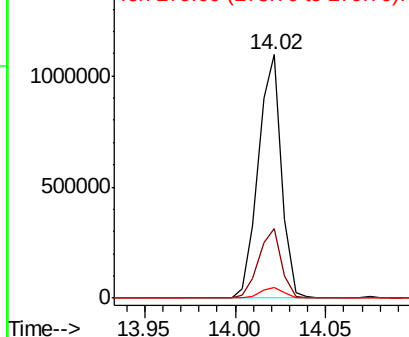


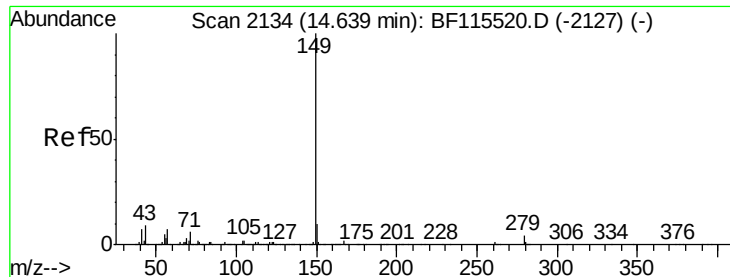
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.881 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB121584BS

Tot Ion:149 Resp: 1565761

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

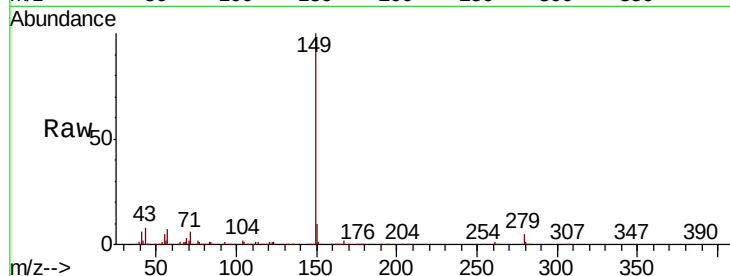
43 9.0 7.2 10.8

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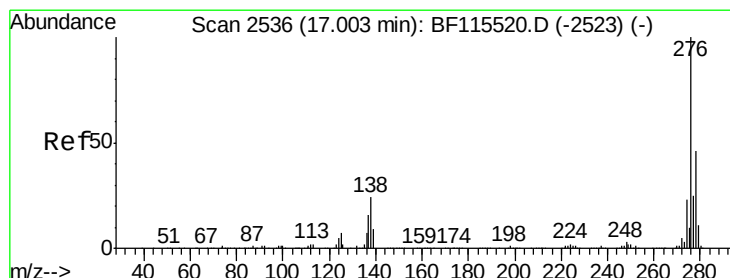
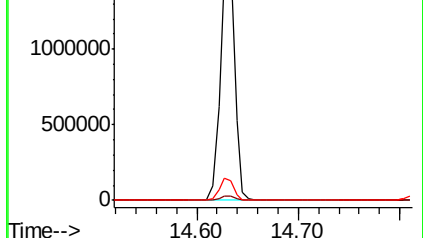
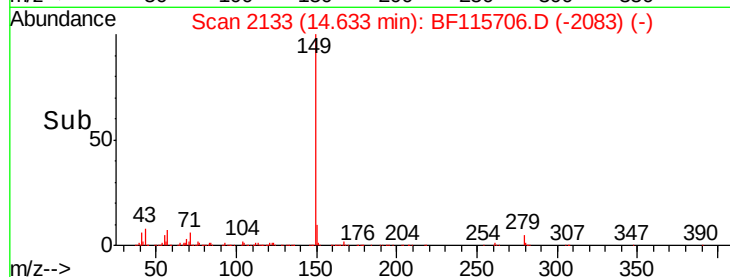
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.173 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

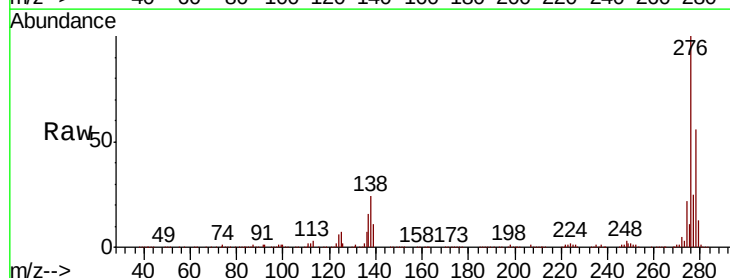
Tgt Ion:276 Resp: 1103319

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

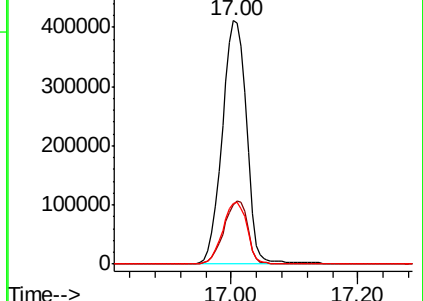
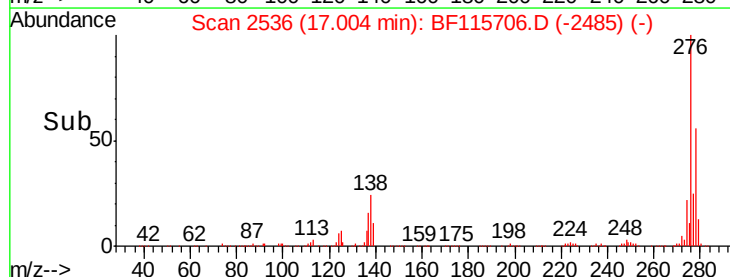
277 25.4 20.4 30.6

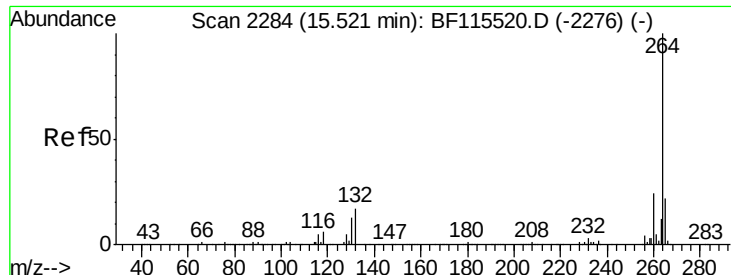


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

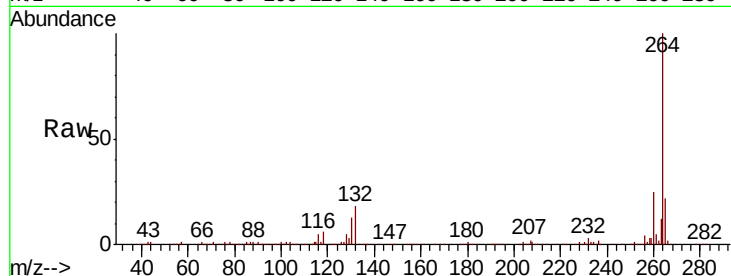
ClientSampleId :

PB121584BS

Tot Ion:	264	Resp:	366850
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.8	29.8
265	22.2	17.7	26.5

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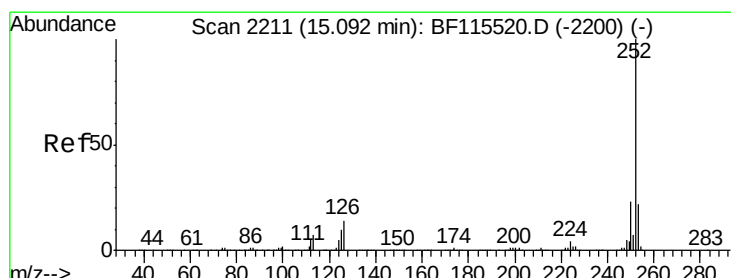
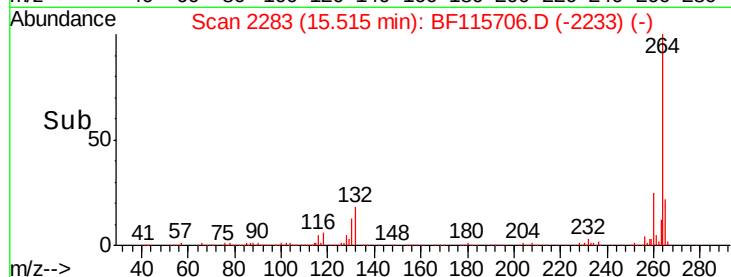
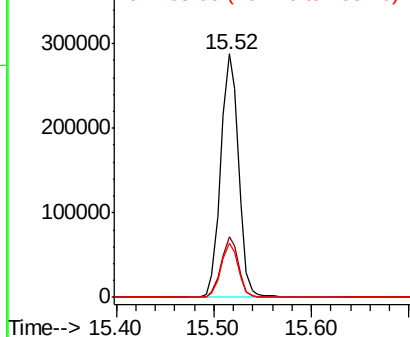


Abundance

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: 50.784 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

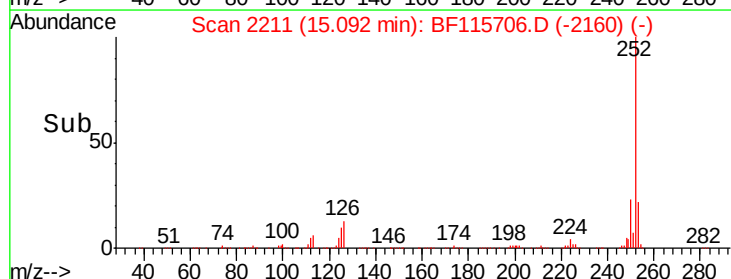
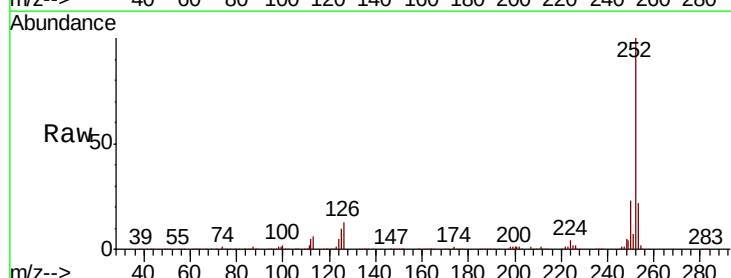
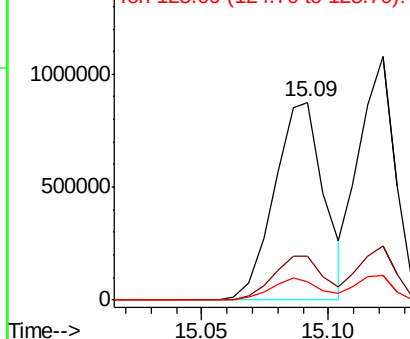
Tgt Ion:	252	Resp:	1199632
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	9.6	9.0	13.4

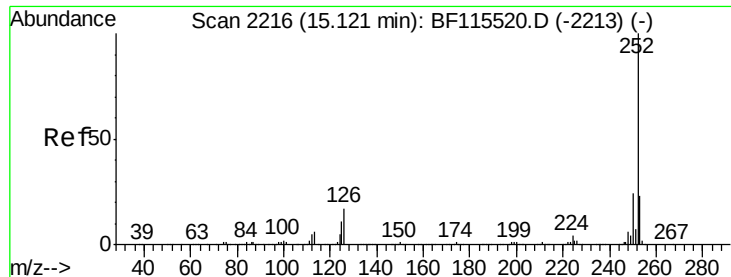
Abundance

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





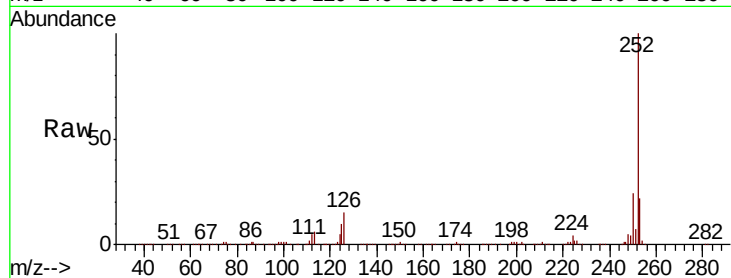
#89
Benzo(k)fluoranthene
Concen: 51.488 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	10.0	9.0	13.6

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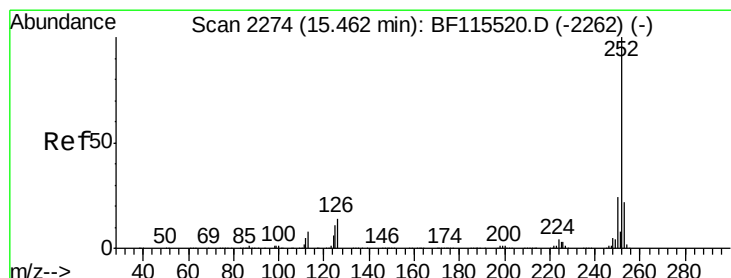
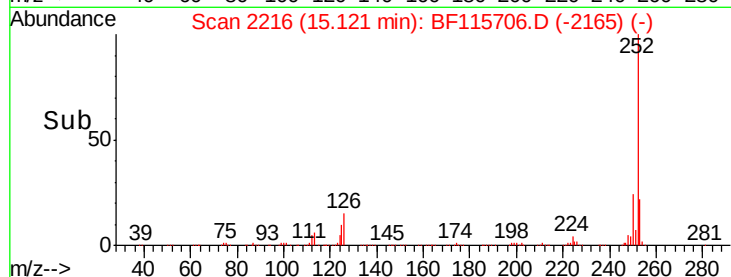
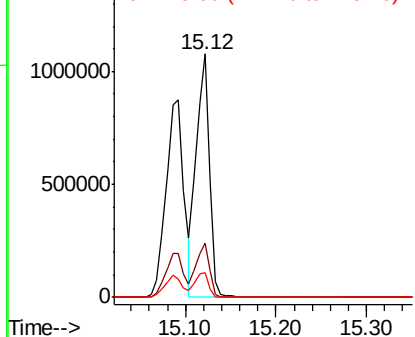


Abundance

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



#90
Benzo(a)pyrene
Concen: 52.108 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

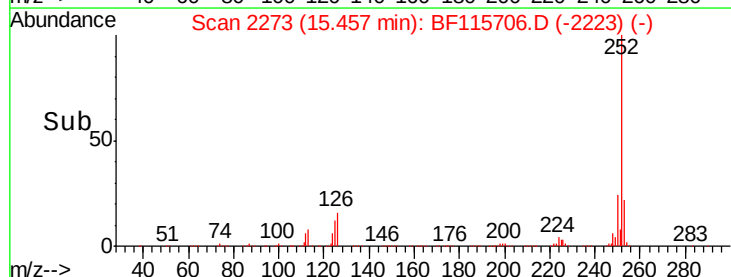
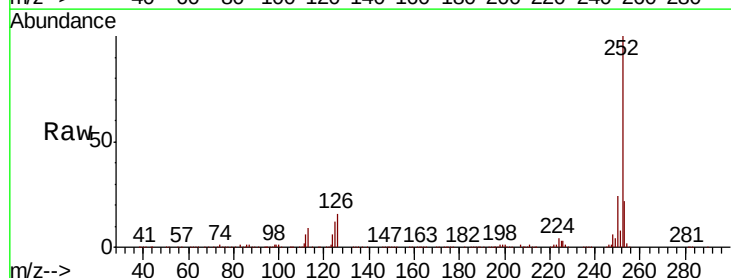
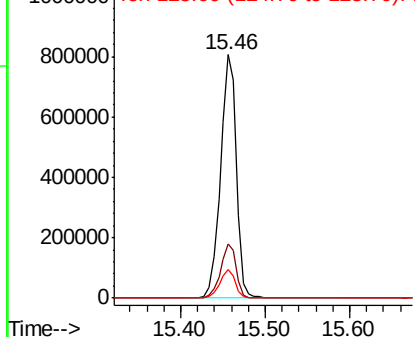
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.9	9.1	13.7

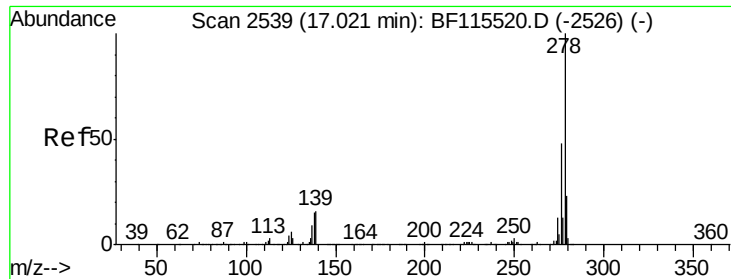
Abundance

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





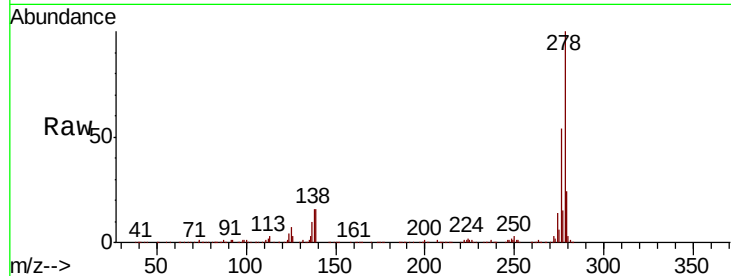
#91
Dibenzo(a,h)anthracene
Concen: 52.696 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB121584BS

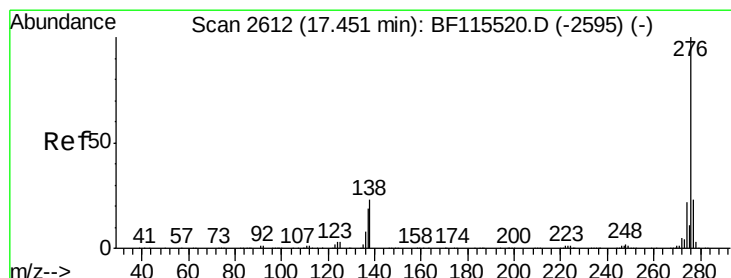
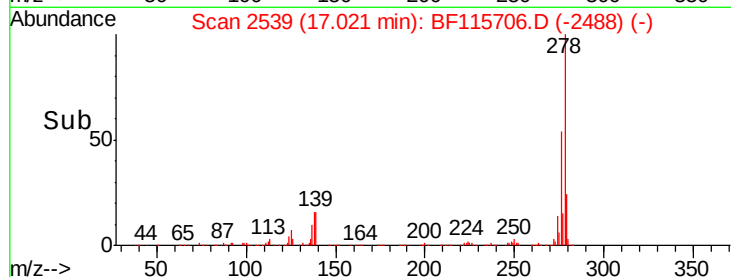
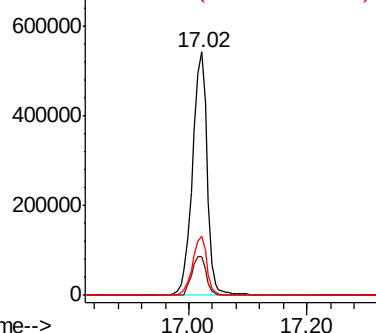
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.1	19.7
279	24.3	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/23/2019 4:24:25 PM

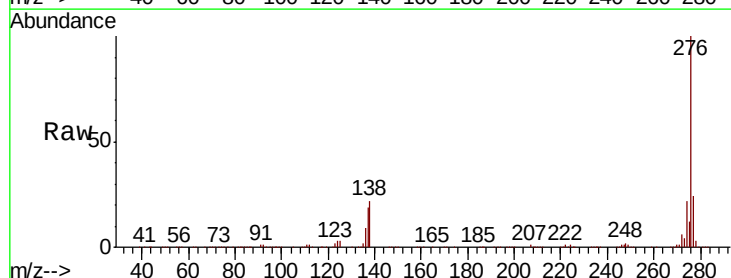


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.149 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	22.0	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

