

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115402.D
 Acq On : 8 Jul 2019 13:15
 Operator : HP/JU
 Sample : PB121089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121089BS

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:18 AM

Quant Time: Jul 09 08:27:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178433	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	713356	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	356663	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	683780	20.00	ng	0.00
76) Chrysene-d12	14.06	240	483332	20.00	ng	-0.01
87) Perylene-d12	15.55	264	461455	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1409860	122.08	ng	0.01
7) Phenol-d6	6.53	99	1776578	120.96	ng	0.00
23) Nitrobenzene-d5	7.46	82	1074567	89.00	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	512941	130.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1929171	94.91	ng	0.00
79) Terphenyl-d14	13.00	244	2037263	86.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	238505	42.104	ng	99
3) Pyridine	3.57	79	613617	39.174	ng	99
4) n-Nitrosodimethylamine	3.52	42	258761	40.738	ng	98
6) Aniline	6.56	93	641017	30.927	ng	100
8) 2-Chlorophenol	6.69	128	562935	43.168	ng	99
9) Benzaldehyde	6.45	77	316572	36.896	ng	96
10) Phenol	6.54	94	723166	41.151	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	547865	42.024	ng	98
12) 1,3-Dichlorobenzene	6.84	146	595382	41.673	ng	98
13) 1,4-Dichlorobenzene	6.92	146	608872	42.547	ng	98
14) 1,2-Dichlorobenzene	7.07	146	565830	42.706	ng	100
15) Benzyl Alcohol	7.03	79	508391	43.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	750243	41.157	ng	99
17) 2-Methylphenol	7.15	107	480837	43.040	ng	99
18) Hexachloroethane	7.42	117	227313	42.639	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	403475	40.604	ng	99
20) 3+4-Methylphenols	7.30	107	580737	44.007	ng	96
22) Acetophenone	7.30	105	781194	45.701	ng	# 97
24) Nitrobenzene	7.47	77	620459	45.503	ng	100
25) Isophorone	7.72	82	1141044	43.601	ng	100
26) 2-Nitrophenol	7.79	139	298502	53.248	ng	95
27) 2,4-Dimethylphenol	7.83	122	547191	51.190	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	702886	43.556	ng	99
29) 2,4-Dichlorophenol	8.03	162	488894	45.919	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	526459	44.417	ng	99
31) Naphthalene	8.20	128	1624111	45.837	ng	98
32) Benzoic acid	7.96	122	373861	48.008	ng	98
33) 4-Chloroaniline	8.24	127	387961	24.540	ng	99
34) Hexachlorobutadiene	8.32	225	297008	44.186	ng	98
35) Caprolactam	8.62	113	157581m	45.444	ng	
36) 4-Chloro-3-methylphenol	8.73	107	506630	44.987	ng	98
37) 2-Methylnaphthalene	8.89	142	1099788	46.437	ng	99
38) 1-Methylnaphthalene	8.99	142	1034271	45.771	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	477812	46.567	ng	100

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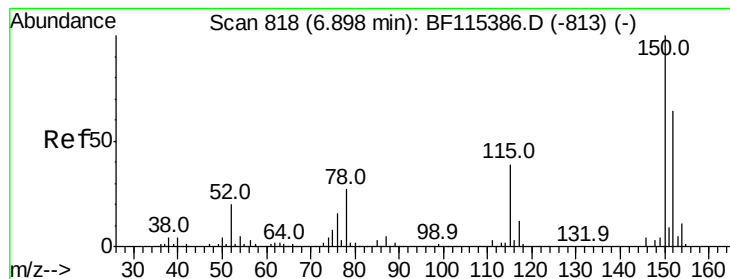
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	558527	93.917	nq	100
43) 2,4,6-Trichlorophenol	9.17	196	355730	47.621	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	349136	45.074	nq	99
46) 1,1'-Biphenyl	9.36	154	1321691	47.137	nq	99
47) 2-Chloronaphthalene	9.38	162	1041372	44.937	nq	99
48) 2-Nitroaniline	9.47	65	320854	47.126	nq	94
49) Acenaphthylene	9.80	152	1589909	45.315	nq	99
50) Dimethylphthalate	9.66	163	1181234	44.125	nq	100
51) 2,6-Dinitrotoluene	9.72	165	270918	46.663	nq	86
52) Acenaphthene	9.97	154	1102388	49.924	nq	99
53) 3-Nitroaniline	9.88	138	201121	29.826	nq	94
54) 2,4-Dinitrophenol	9.99	184	259175	100.639	nq	93
55) Dibenzofuran	10.15	168	1428183	45.914	nq	97
56) 4-Nitrophenol	10.04	139	492069	94.319	nq	97
57) 2,4-Dinitrotoluene	10.12	165	362528	49.134	nq	90
58) Fluorene	10.49	166	1043850	42.571	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	312508	46.703	nq	100
60) Diethylphthalate	10.36	149	1153947	43.794	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	535065	44.709	nq	98
62) 4-Nitroaniline	10.50	138	287035	43.366	nq	97
63) Azobenzene	10.63	77	1184183	43.598	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	172082	51.818	nq	88
66) n-Nitrosodiphenylamine	10.59	169	979970	45.485	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	338128	44.070	nq	94
68) Hexachlorobenzene	11.03	284	379911	44.127	nq	94
69) Atrazine	11.12	200	321068	48.153	nq	99
70) Pentachlorophenol	11.23	266	458777	87.438	nq	98
71) Phenanthrene	11.45	178	1583418	44.031	nq	99
72) Anthracene	11.50	178	1645052	45.618	nq	99
73) Carbazole	11.65	167	1447220	43.868	nq	100
74) Di-n-butylphthalate	11.98	149	1736274	43.547	nq	100
75) Fluoranthene	12.63	202	1657780	43.782	nq	99
77) Benzidine	12.74	184	816994	43.346	nq	99
78) Pyrene	12.86	202	1687739	44.903	nq	99
80) Butylbenzylphthalate	13.47	149	749247	45.624	nq	99
81) Benzo(a)anthracene	14.05	228	1388179	44.825	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	407900	36.299	nq	99
83) Chrysene	14.09	228	1408993	44.281	nq	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	936831	46.064	nq	99
85) Di-n-octyl phthalate	14.67	149	1687265	46.603	nq	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1207037	46.514	nq	100
88) Benzo(b)fluoranthene	15.12	252	1333017	44.368	nq	99
89) Benzo(k)fluoranthene	15.15	252	1240423	46.423	nq	99
90) Benzo(a)pyrene	15.49	252	1198543	46.251	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	1009094	45.569	nq	98
92) Benzo(g,h,i)perylene	17.49	276	982804	46.890	nq	98

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



#1

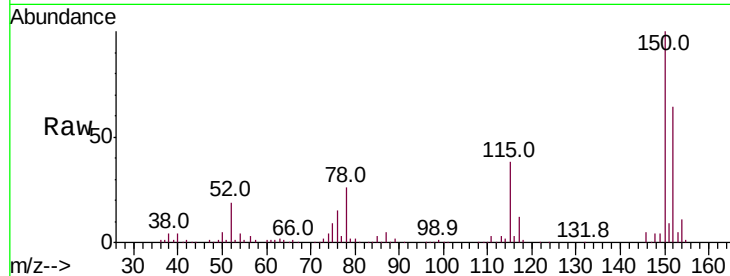
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.1	187.7
115	59.5	50.2	75.2

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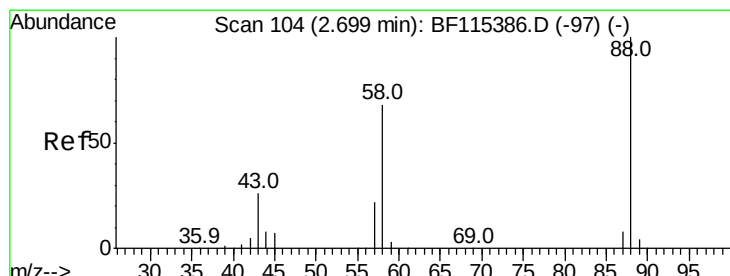
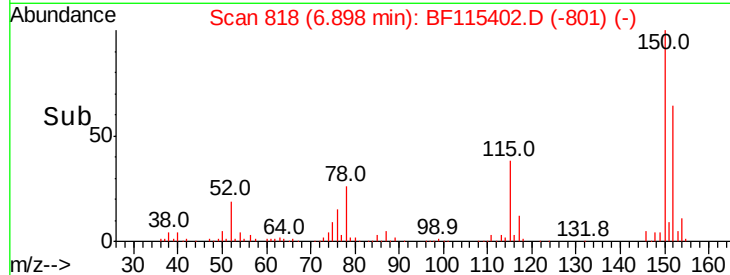
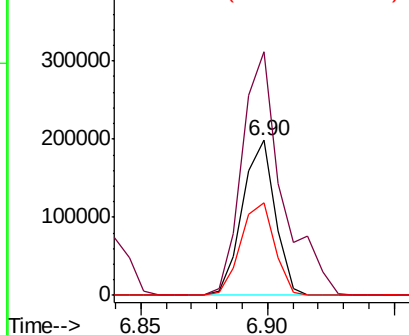


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.104 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.13 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

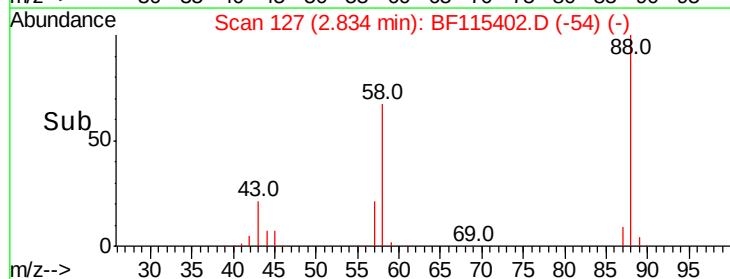
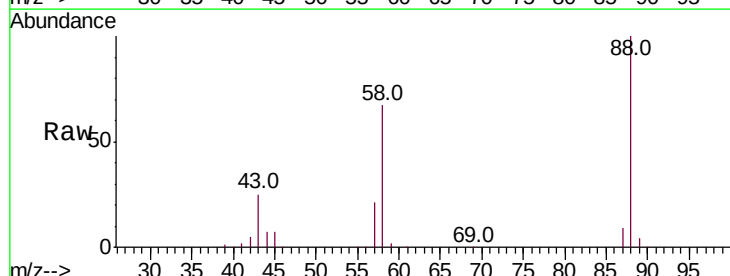
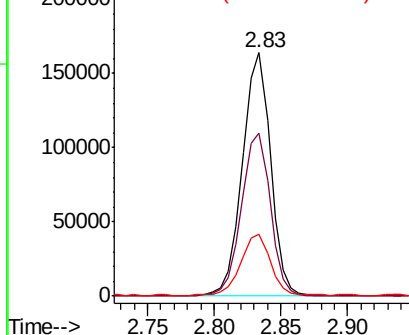
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	54.4	81.6
43	26.1	20.7	31.1

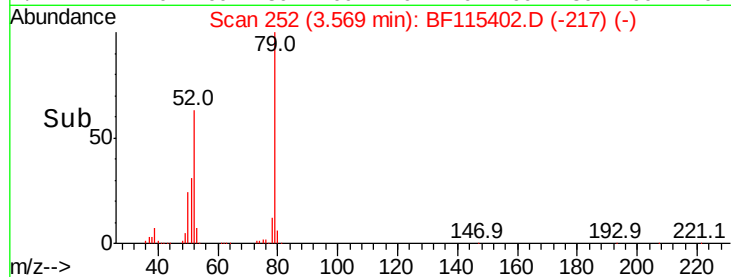
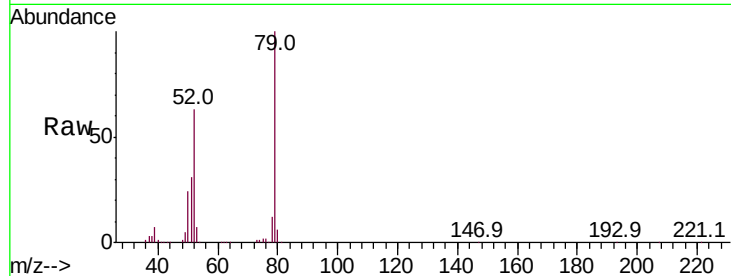
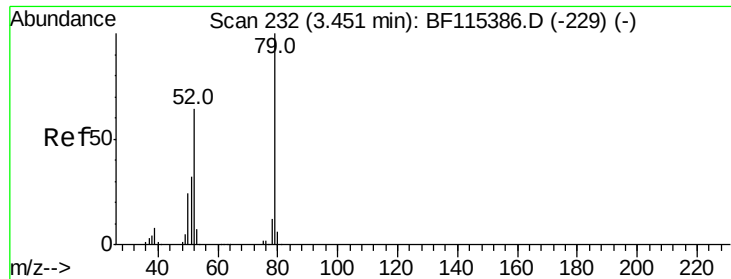
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.174 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.11 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

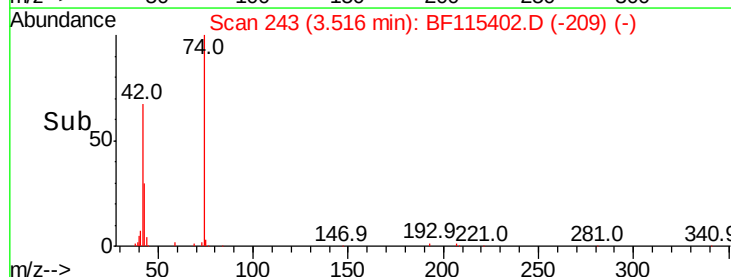
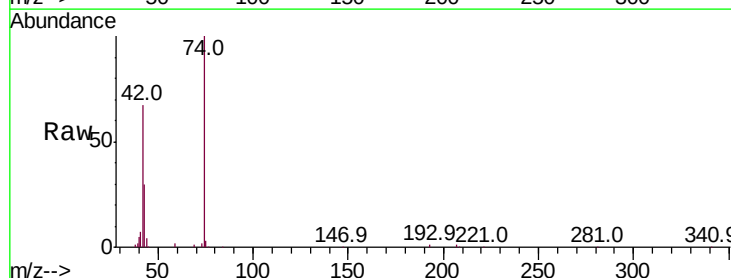
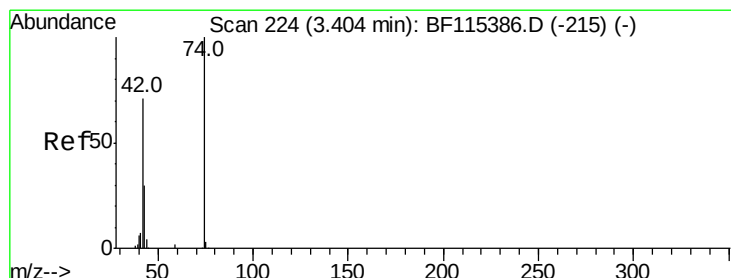
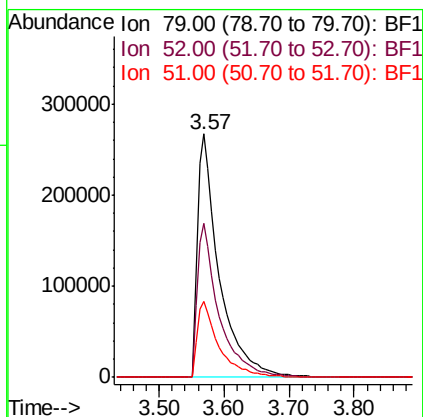
Tot Ion: 79 Resp: 613617

Ion	Ratio	Lower	Upper
79	100		
52	63.3	49.9	74.9
51	31.2	25.0	37.6

Instrument :
BNA_F
ClientSampleId :
PB121089BS

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#4

n-Nitrosodimethylamine

Concen: 40.738 ng

RT: 3.52 min Scan# 243

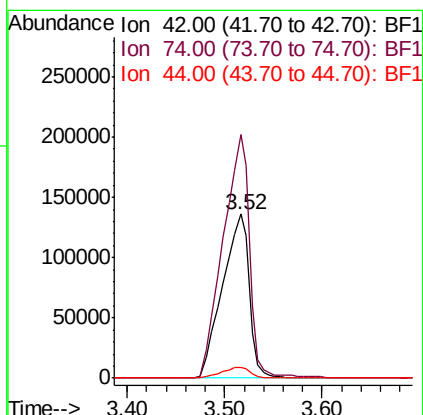
Delta R.T. 0.10 min

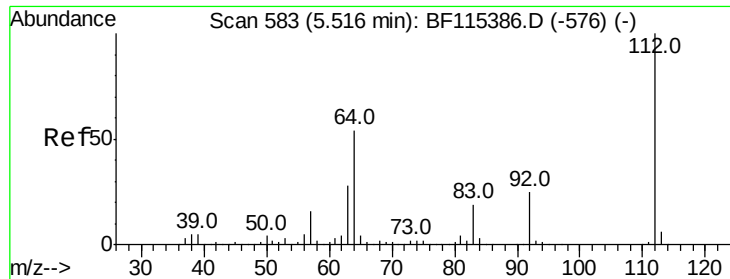
Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Tgt Ion: 42 Resp: 258761

Ion	Ratio	Lower	Upper
42	100		
74	148.4	116.6	174.8
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 122.078 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion:112 Resp: 1409860

Ion Ratio Lower Upper

112 100

64 58.2 43.4 65.2

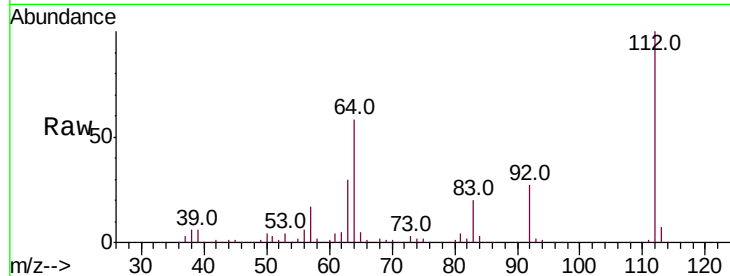
63 30.0 22.4 33.6

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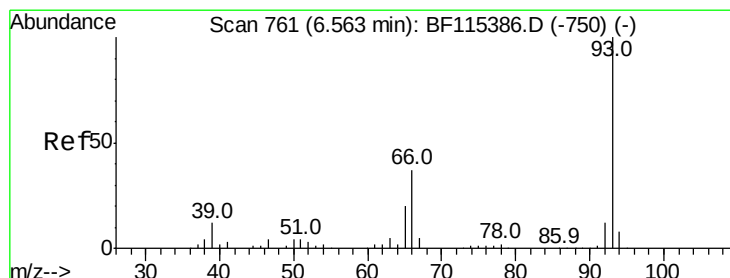
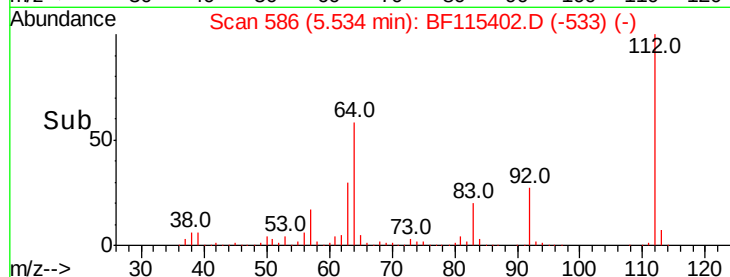
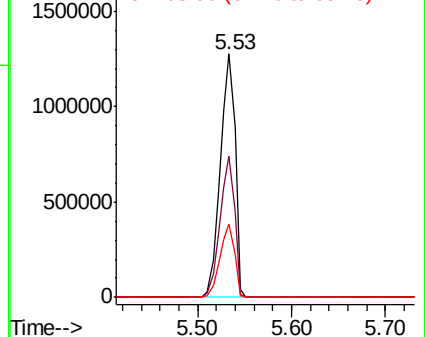
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.927 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

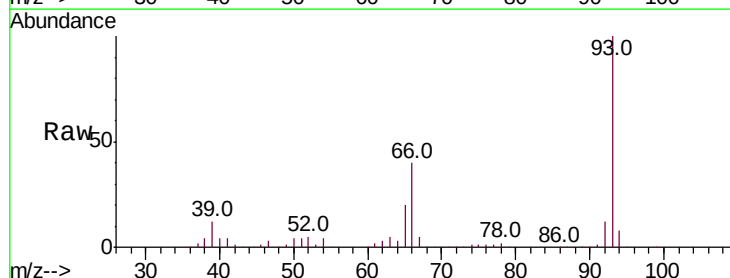
Tgt Ion: 93 Resp: 641017

Ion Ratio Lower Upper

93 100

66 39.6 31.4 47.2

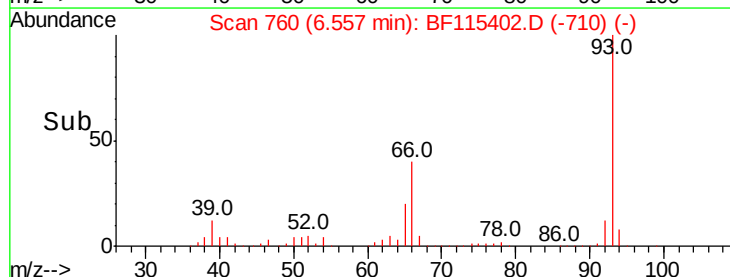
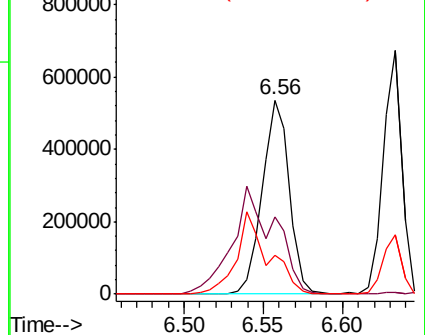
65 20.1 16.2 24.2

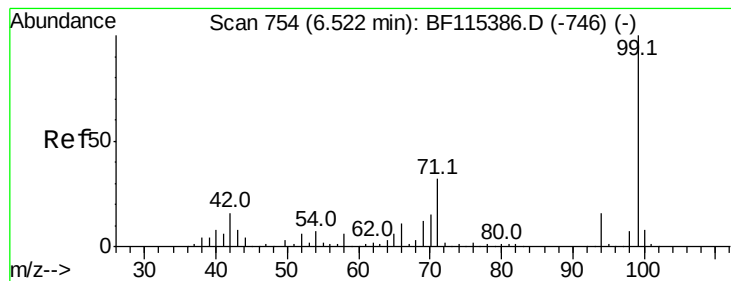


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.957 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion: 99 Resp: 1776578

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.0

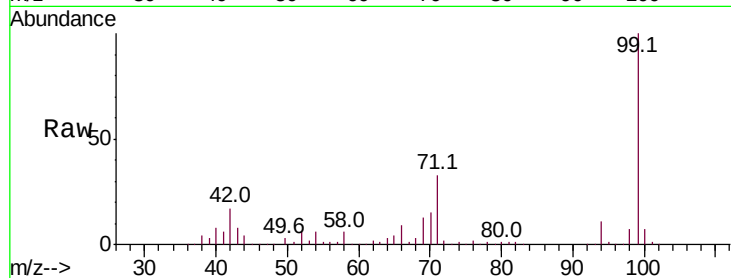
71 33.3 26.5 39.7

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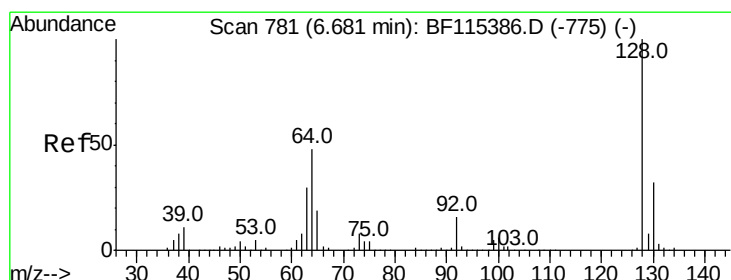
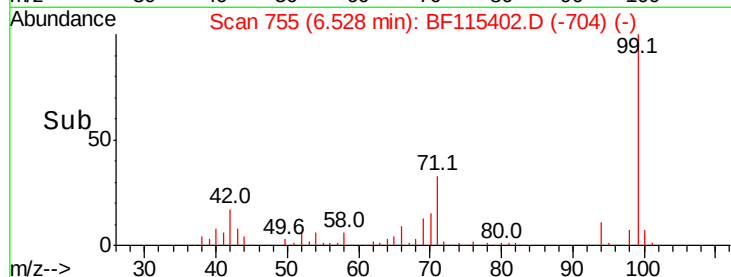
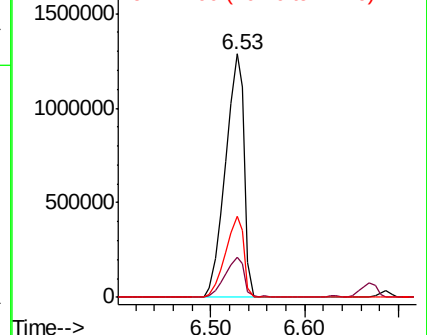
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.168 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

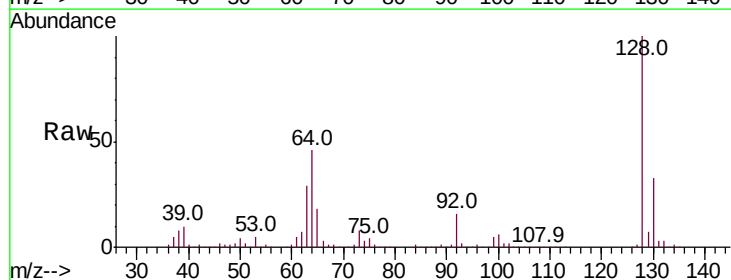
Tgt Ion:128 Resp: 562935

Ion Ratio Lower Upper

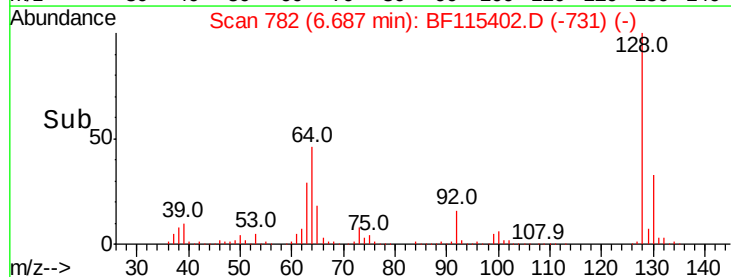
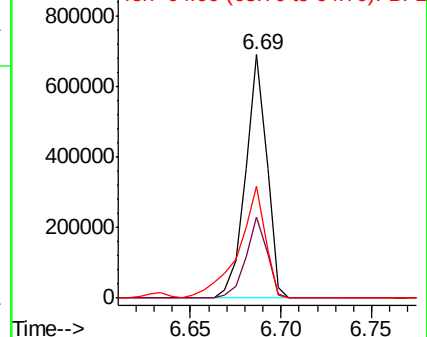
128 100

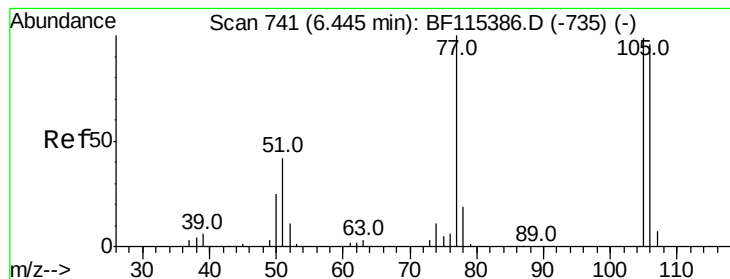
130 33.1 12.6 52.6

64 46.0 26.6 66.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.896 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

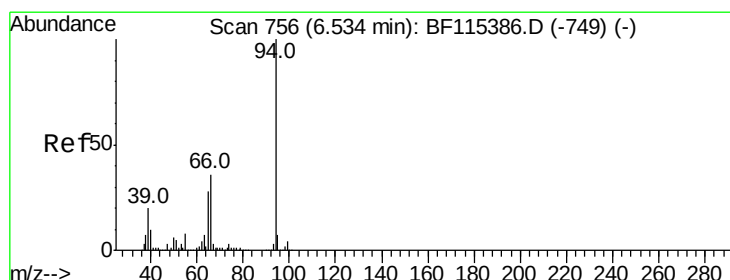
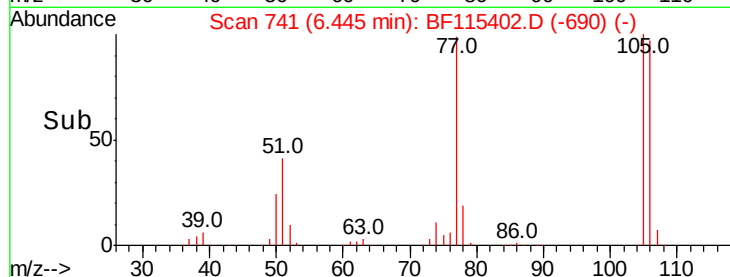
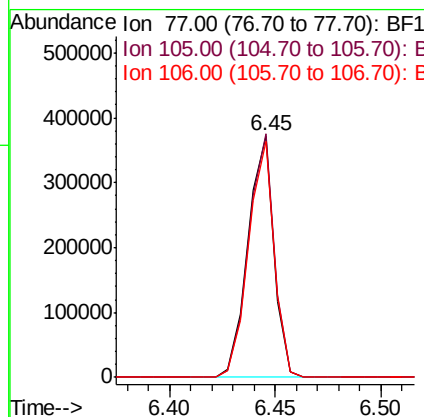
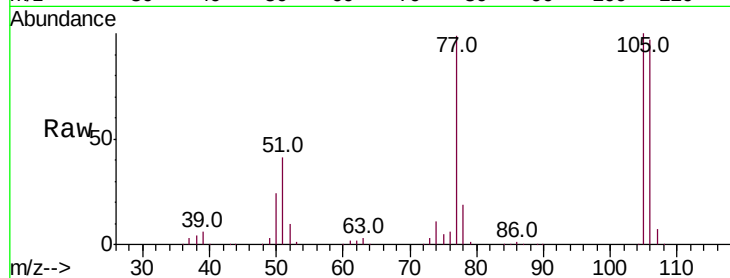
ClientSampleID :

PB121089BS

Tot Ion:	77	Resp:	316572
Ion	Ratio	Lower	Upper
77	100		
105	100.9	77.6	117.6
106	97.9	73.3	113.3

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#10

Phenol

Concen: 41.151 ng

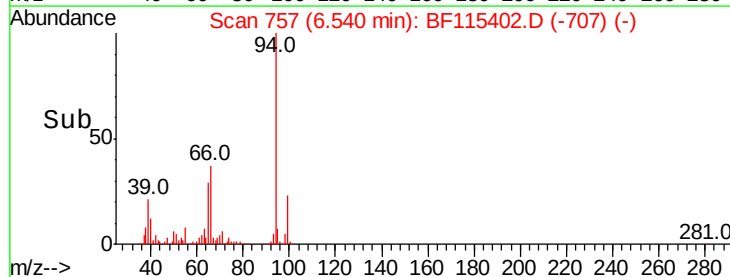
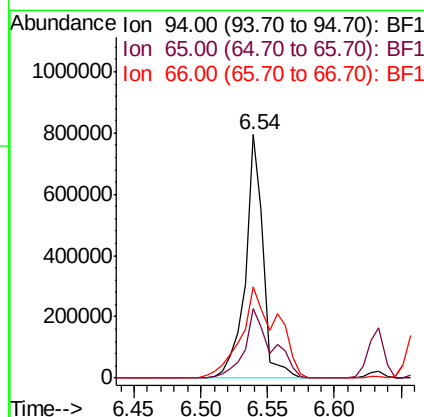
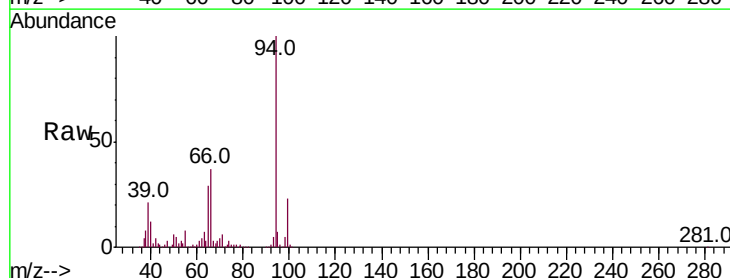
RT: 6.54 min Scan# 757

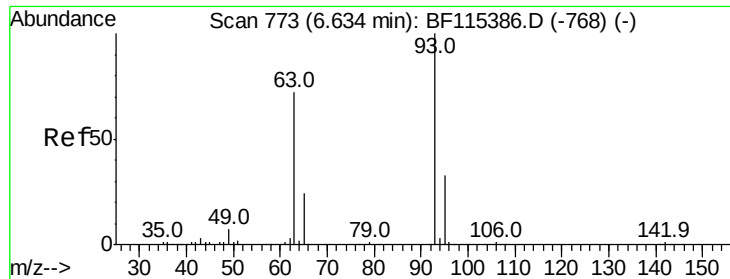
Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Tgt Ion:	94	Resp:	723166
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	37.4	20.4	60.4





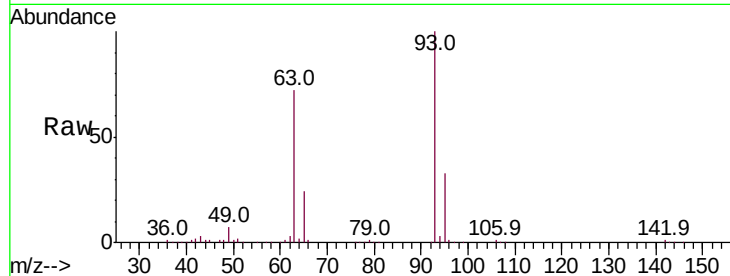
#11
bis(2-Chloroethyl)ether
Concen: 42.024 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

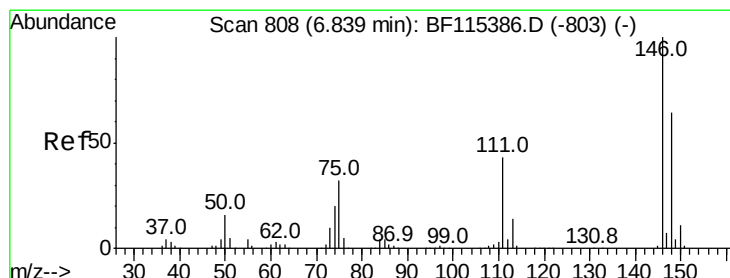
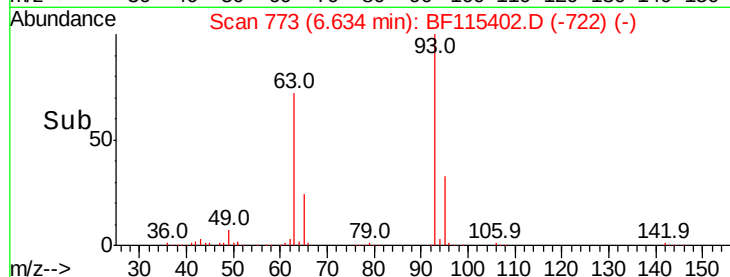
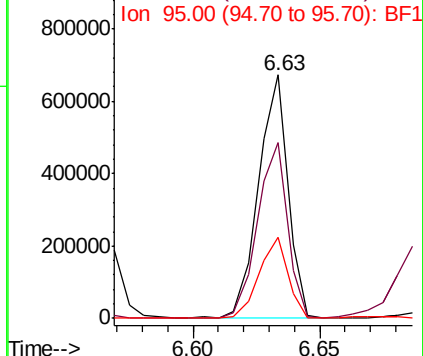
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	54.8	94.8
95	33.4	13.0	53.0

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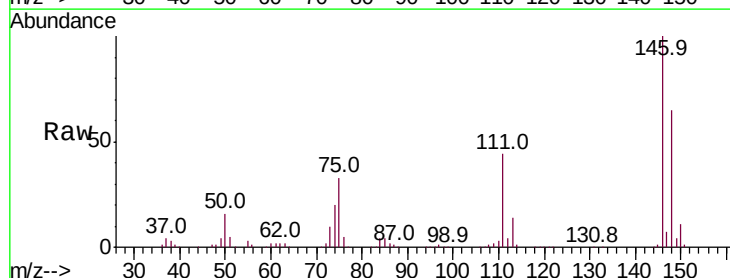


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

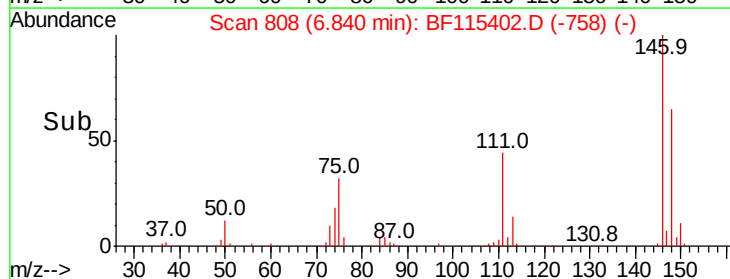
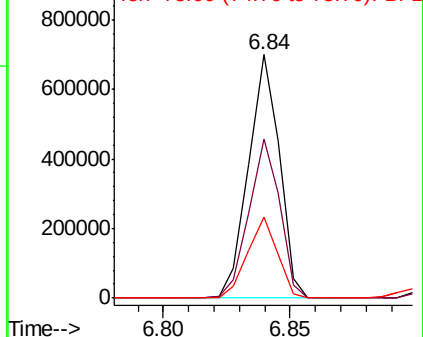


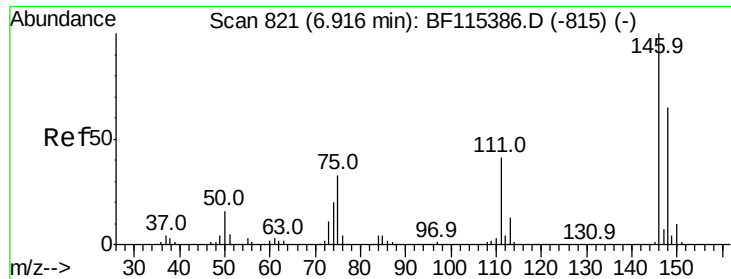
#12
1,3-Dichlorobenzene
Concen: 41.673 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
75	33.0	24.6	36.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





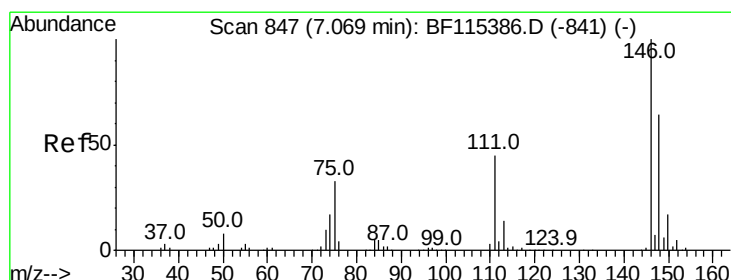
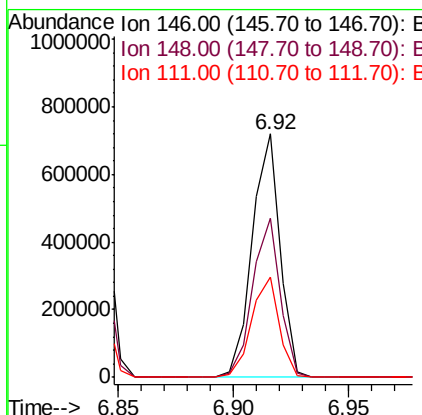
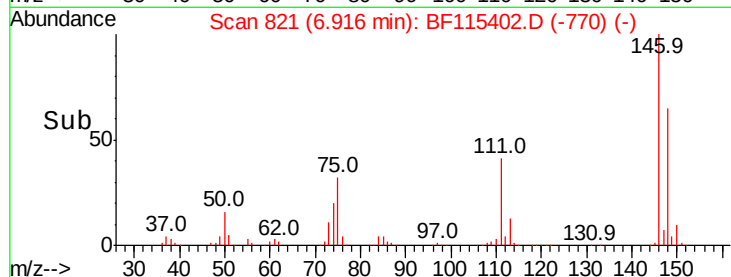
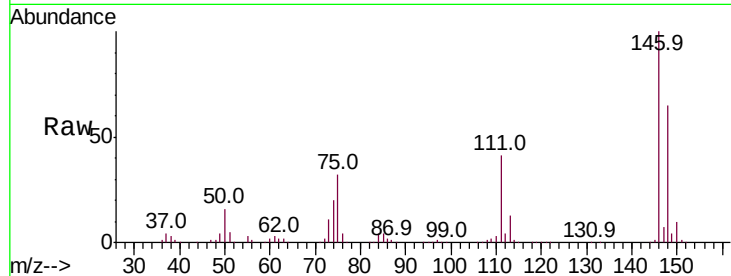
#13
 1,4-Dichlorobenzene
 Concen: 42.547 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleID :
 PB121089BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	41.0	34.0	51.0

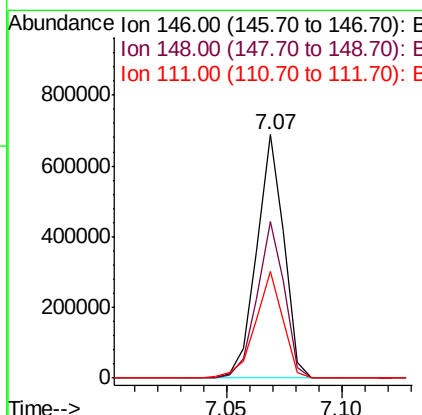
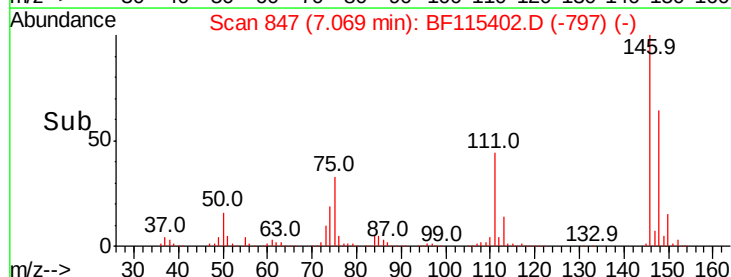
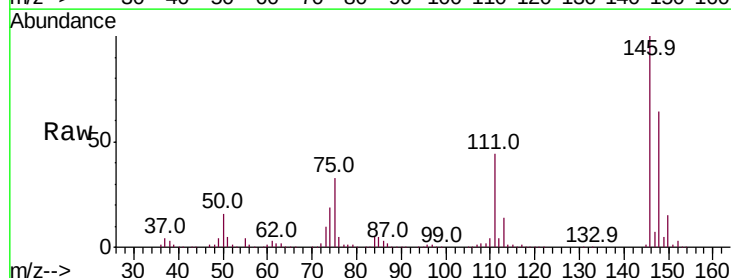
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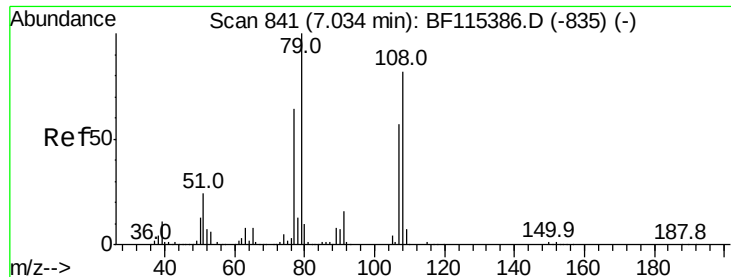
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#14
 1,2-Dichlorobenzene
 Concen: 42.706 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
111	43.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 43.135 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

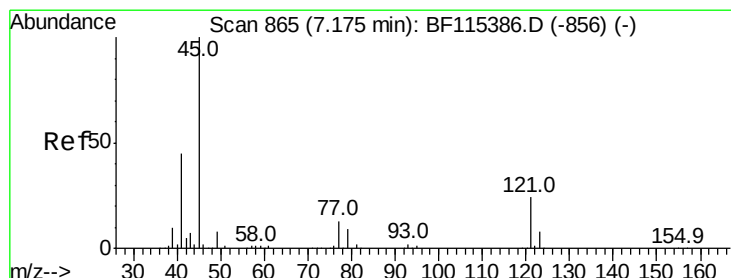
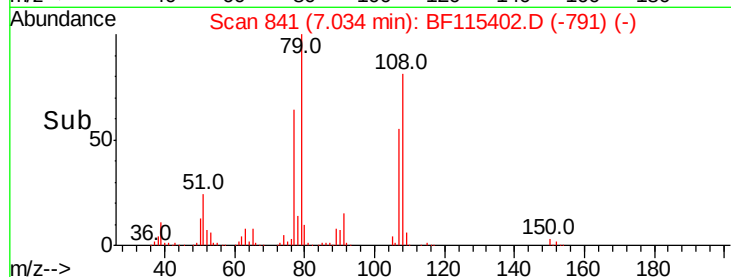
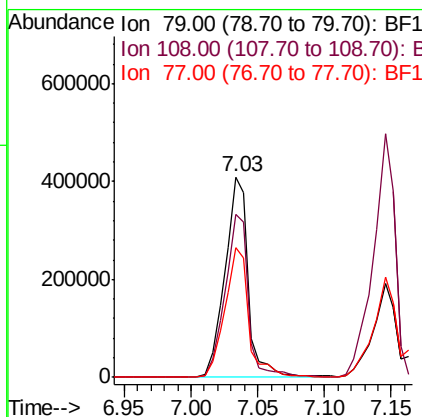
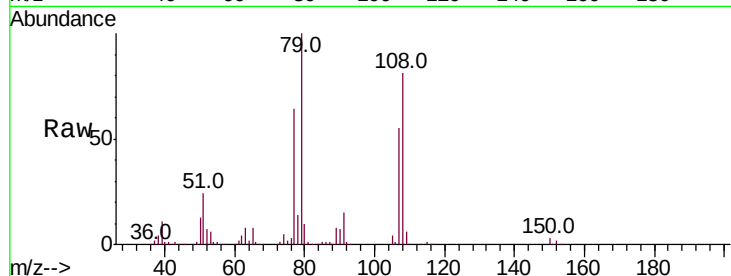
ClientSampleId :

PB121089BS

Tot Ion:	79	Resp:	508391
Ion Ratio	Lower	Upper	
79	100		
108	81.0	65.9	98.9
77	64.5	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.157 ng

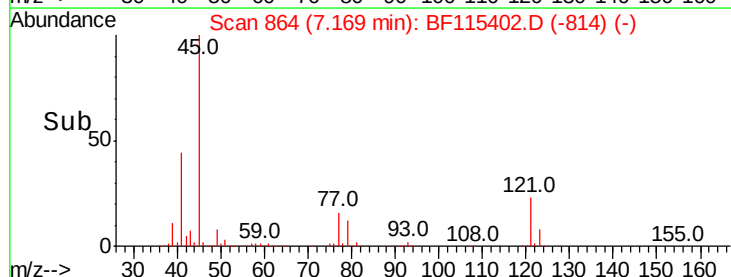
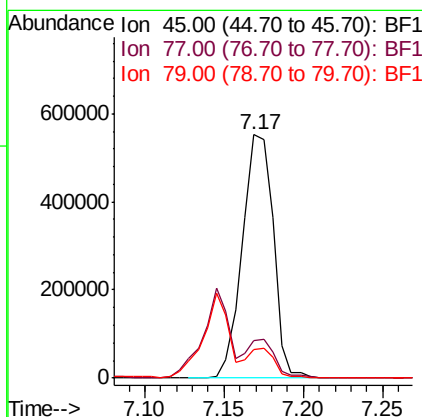
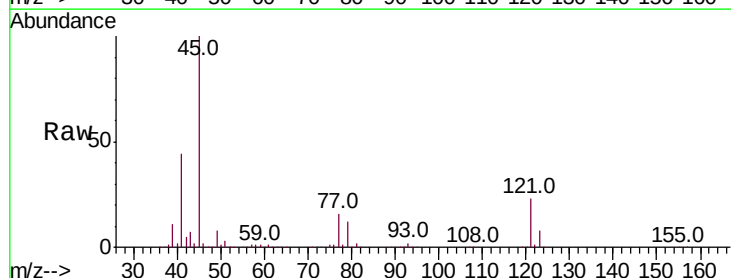
RT: 7.17 min Scan# 864

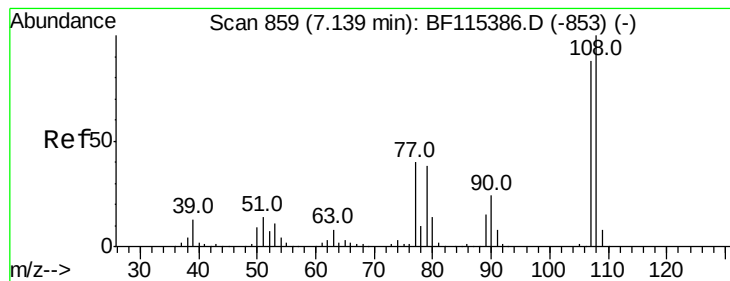
Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Tgt Ion:	45	Resp:	750243
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	35.8
79	11.7	0.0	32.1





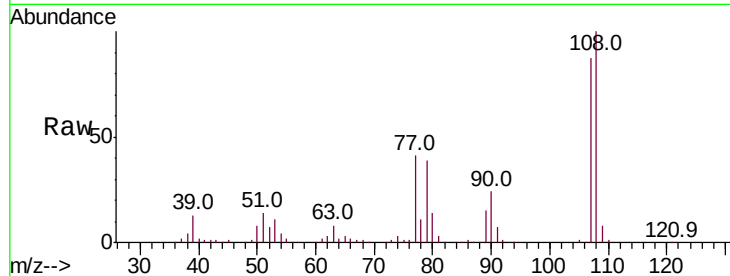
#17
2-Methylphenol
Concen: 43.040 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	480837		
108	114.6	91.2	136.8	
77	46.9	36.6	54.8	
79	44.2	35.1	52.7	

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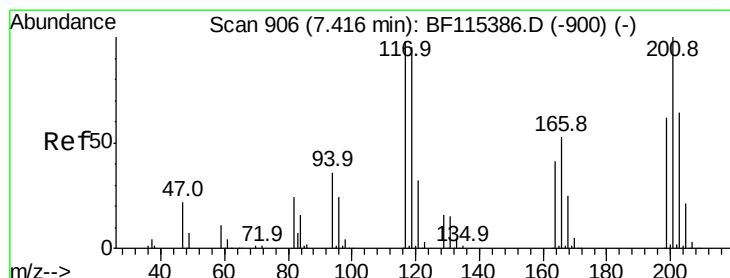
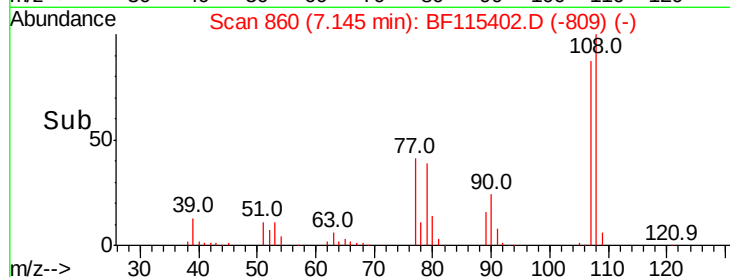
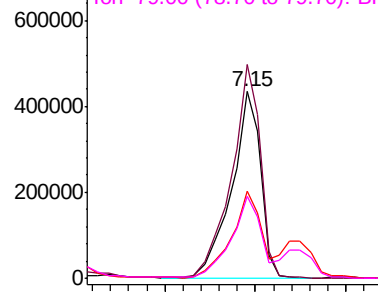
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

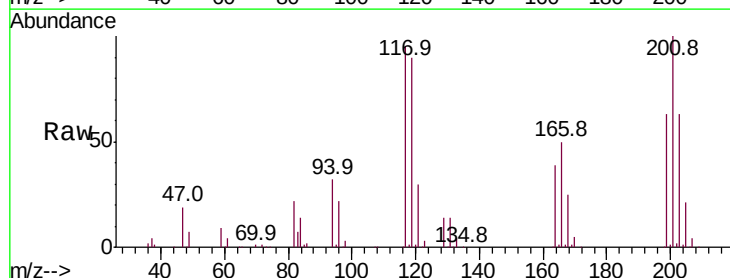
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.639 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	227313		
119	95.2	76.3	114.5	
201	105.8	78.5	117.7	

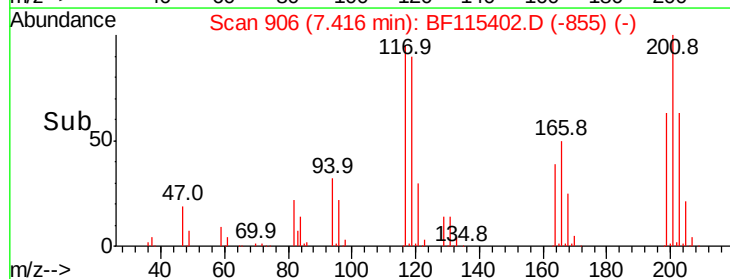
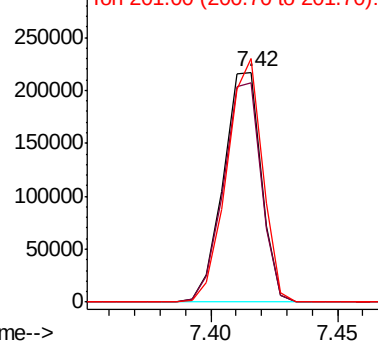


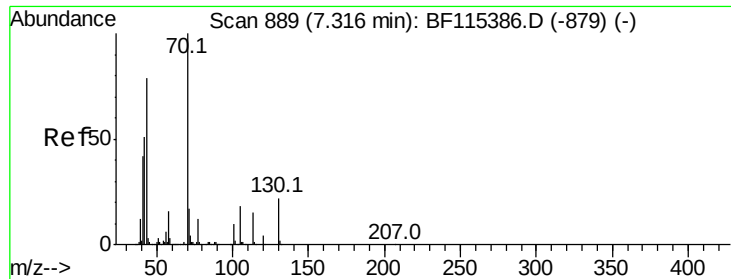
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





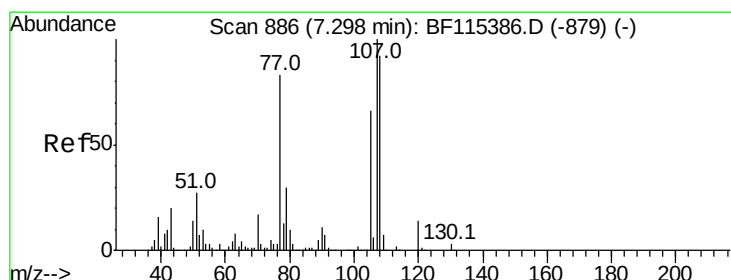
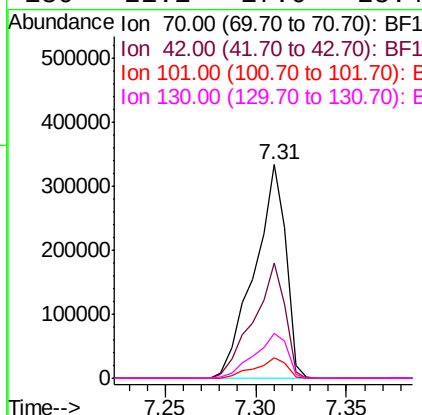
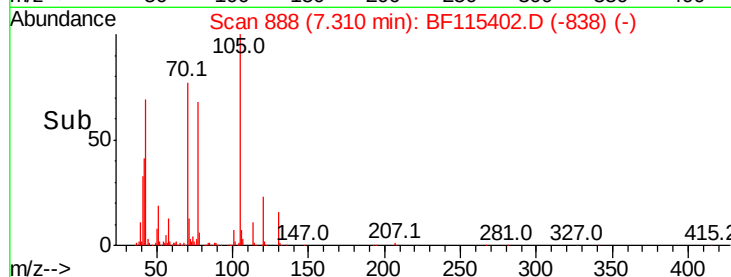
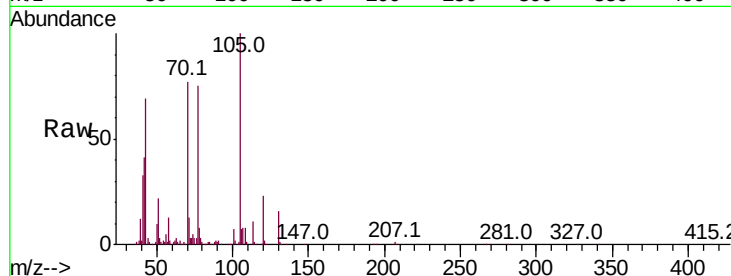
#19
n-Nitroso-di-n-propylamine
Concen: 40.604 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	42.3	63.5	
101	9.7	7.6	11.4	
130	21.1	17.0	25.4	

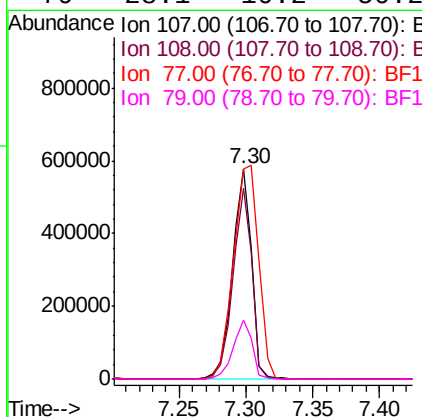
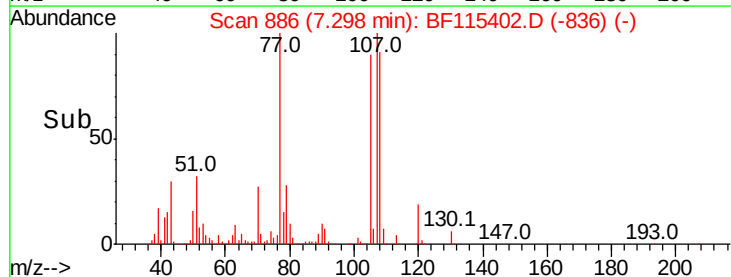
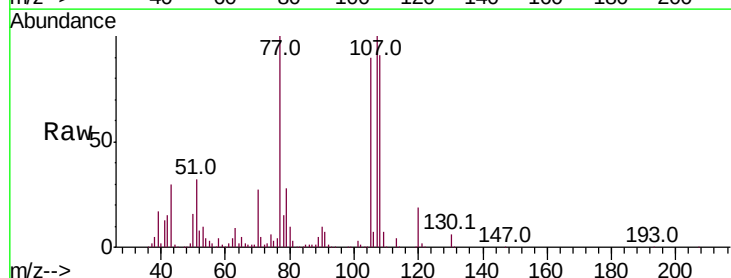
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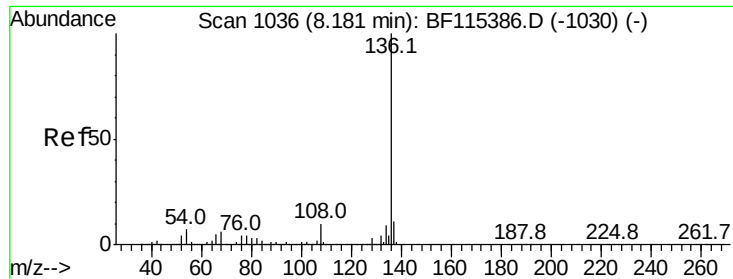
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#20
3+4-Methylphenols
Concen: 44.007 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	72.3	112.3	
77	99.7	73.4	113.4	
79	28.1	10.2	50.2	





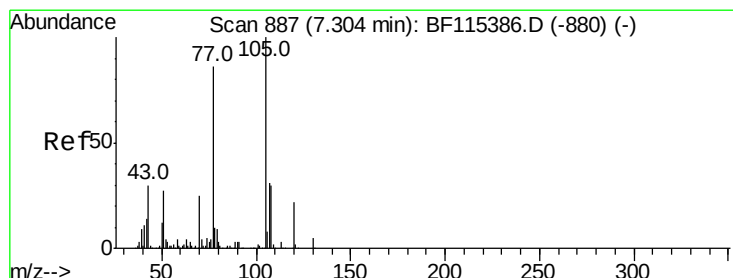
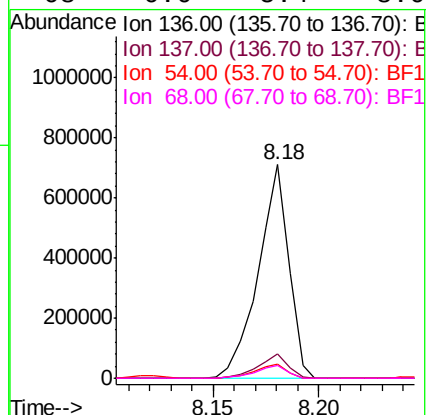
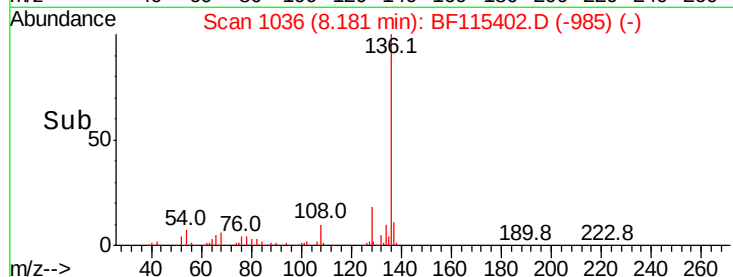
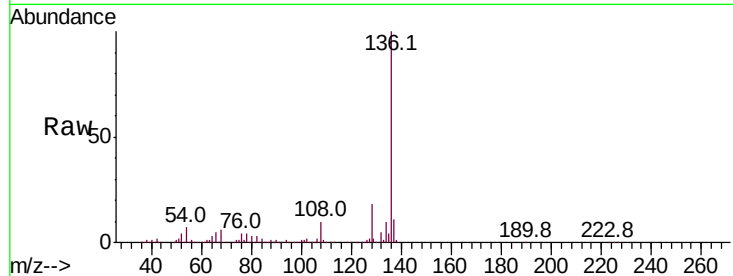
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.8	6.1	9.1	
68	6.0	5.4	8.0	

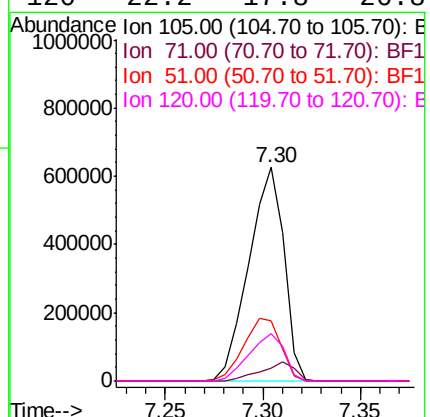
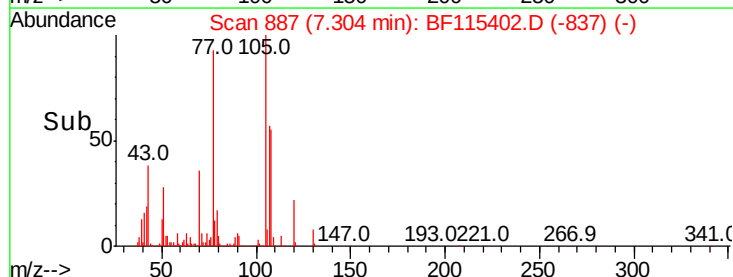
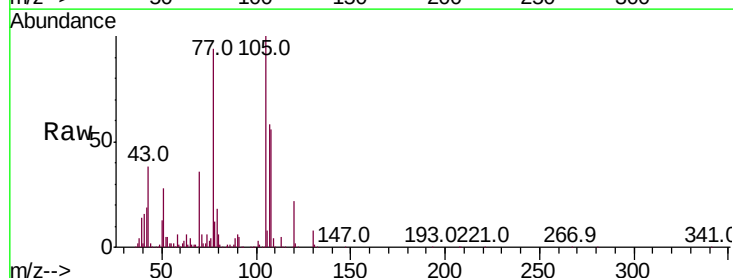
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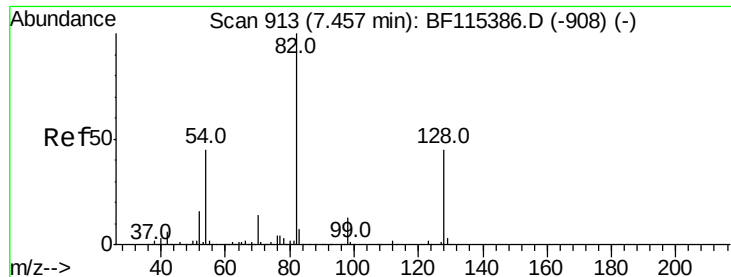
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#22
Acetophenone
Concen: 45.701 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	3.8	5.8#	
51	28.4	20.9	31.3	
120	22.2	17.8	26.8	





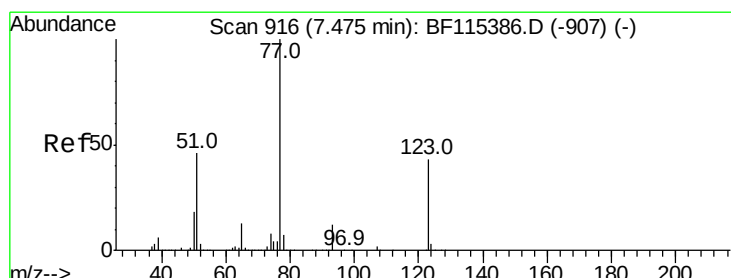
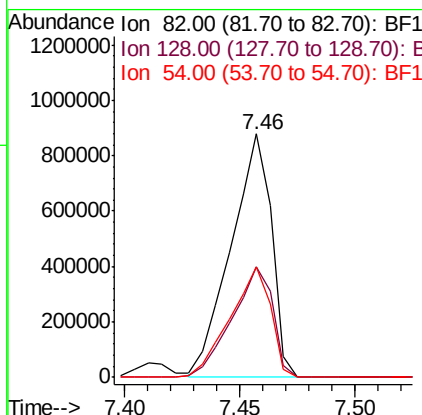
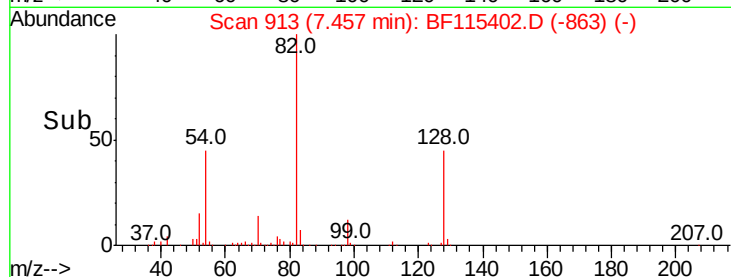
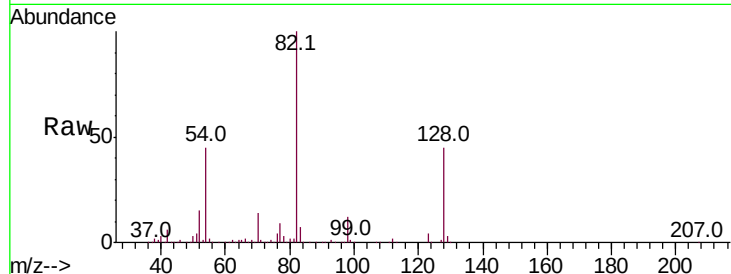
#23
Nitrobenzene-d5
Concen: 89.000 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion: 82 Resp: 1074567
Ion Ratio Lower Upper
82 100
128 45.5 36.2 54.4
54 45.4 35.8 53.6

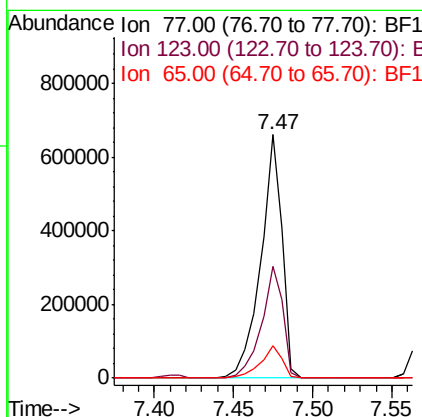
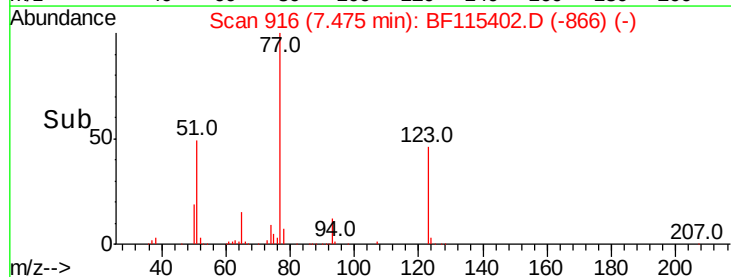
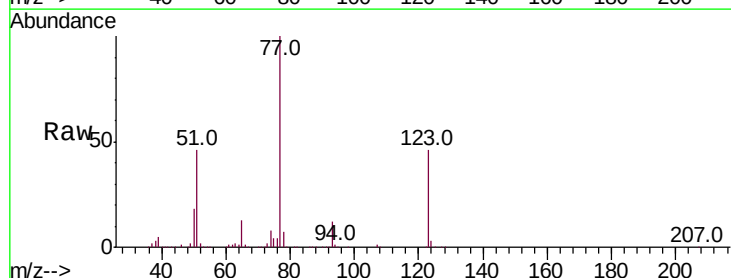
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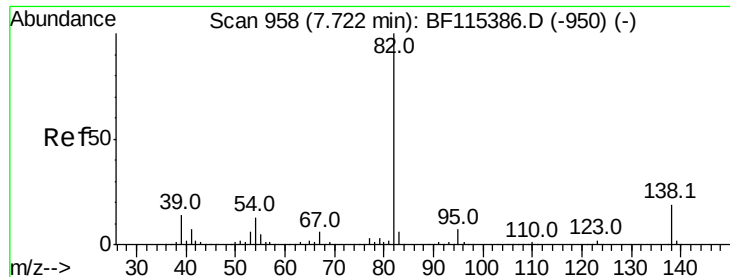
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#24
Nitrobenzene
Concen: 45.503 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion: 77 Resp: 620459
Ion Ratio Lower Upper
77 100
123 46.0 36.7 55.1
65 13.3 10.8 16.2





#25

Isophorone

Concen: 43.601 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion: 82 Resp: 1141044

Ion Ratio Lower Upper

82 100

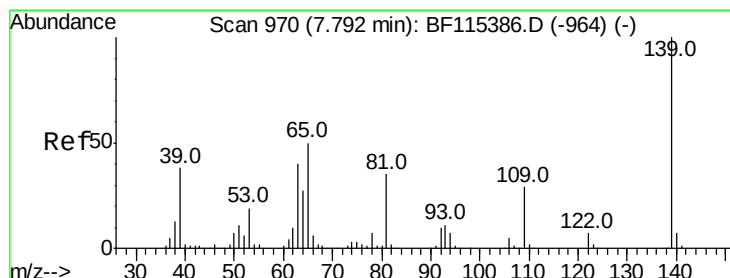
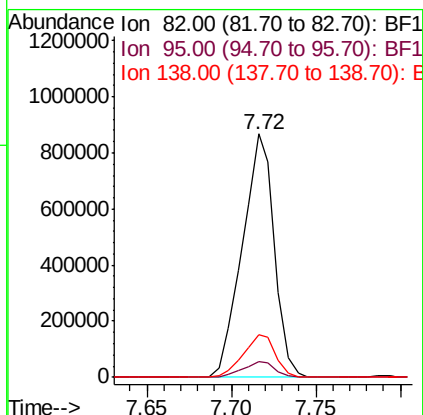
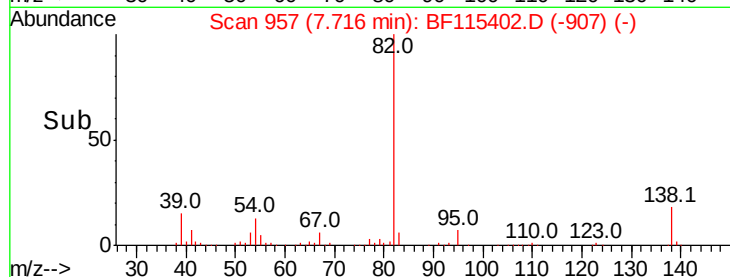
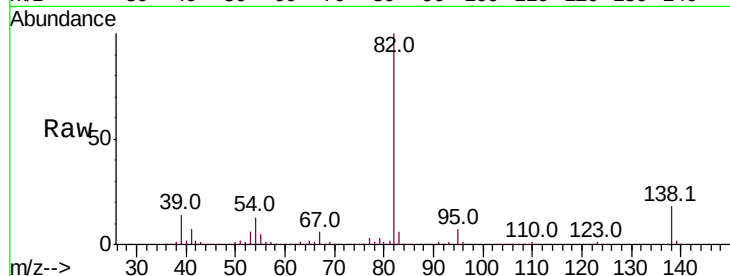
95 6.6 5.4 8.0

138 17.7 14.3 21.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.248 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

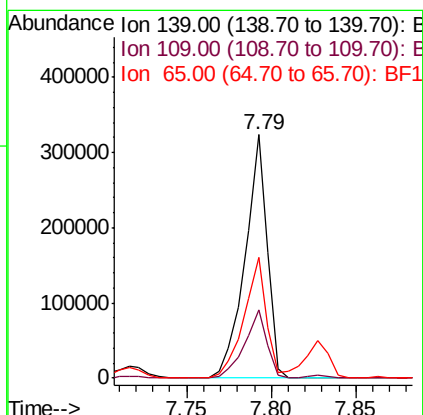
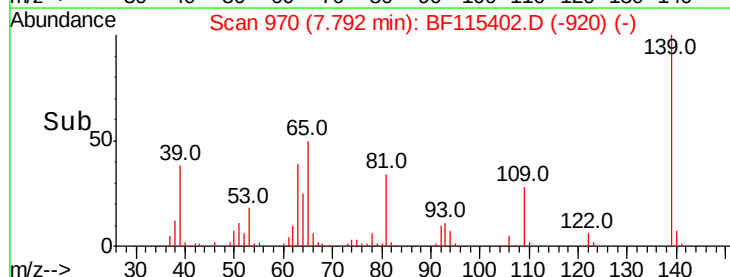
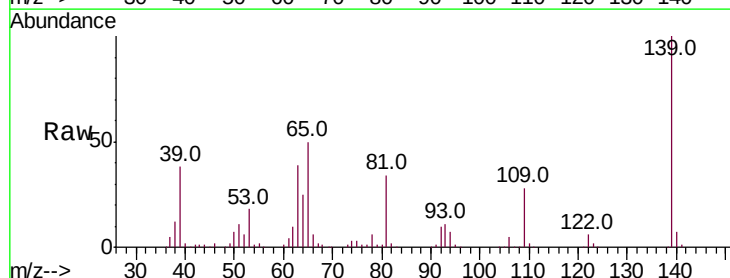
Tgt Ion: 139 Resp: 298502

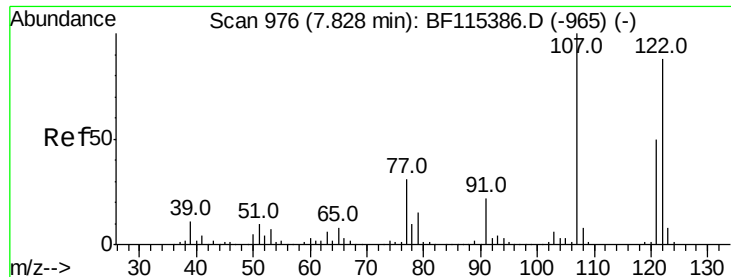
Ion Ratio Lower Upper

139 100

109 27.9 22.2 33.4

65 49.6 35.6 53.4





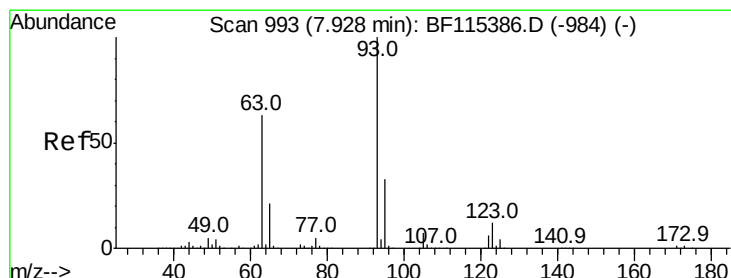
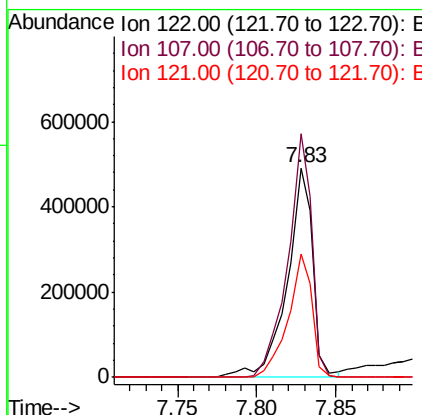
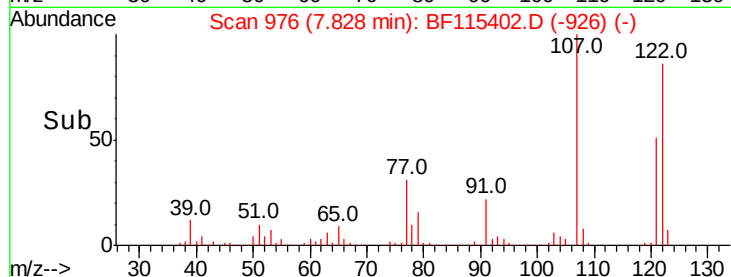
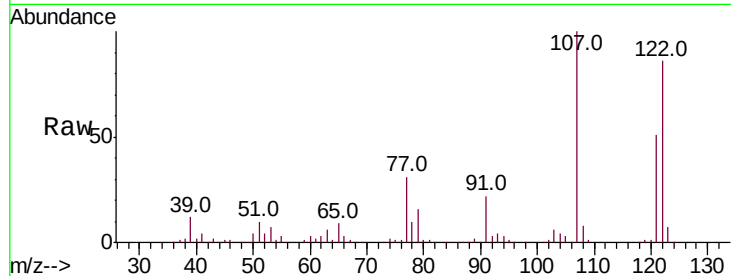
#27
 2,4-Dimethylphenol
 Concen: 51.190 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB121089BS

Tot Ion:	122	Resp:	547191
Ion Ratio	Lower	Upper	
122	100		
107	116.3	89.4	134.2
121	59.1	46.6	69.8

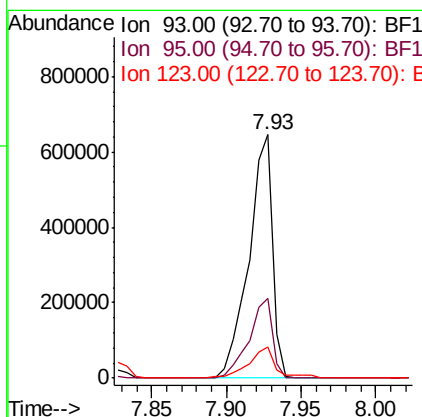
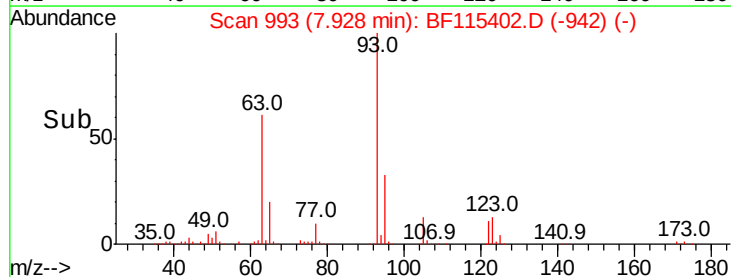
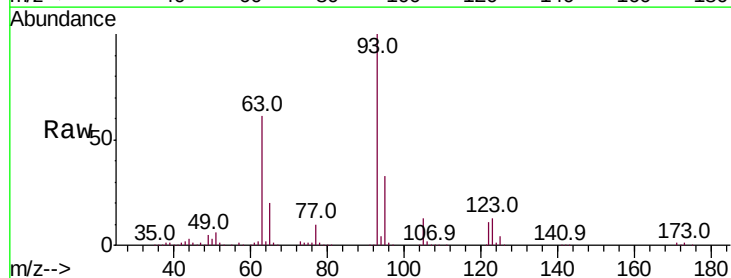
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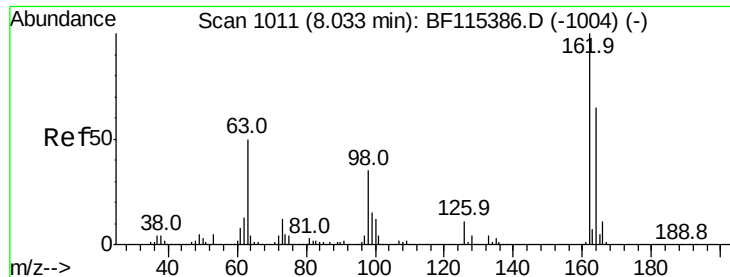
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.556 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:	93	Resp:	702886
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.9	40.3
123	12.7	9.6	14.4





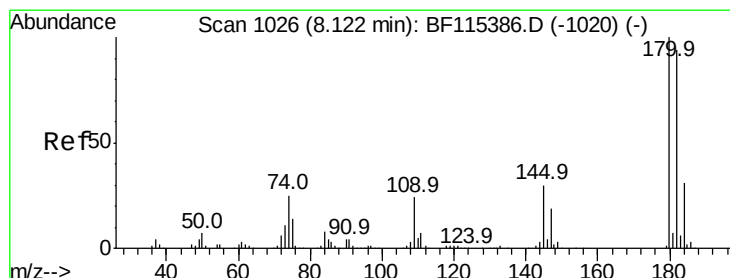
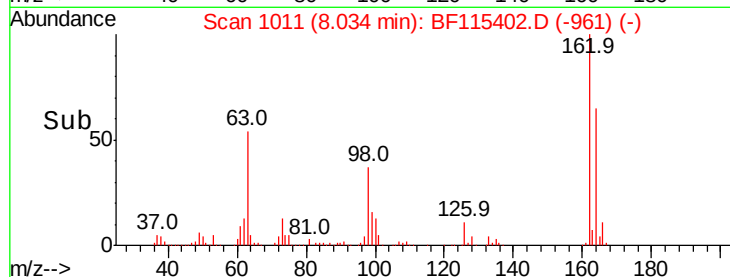
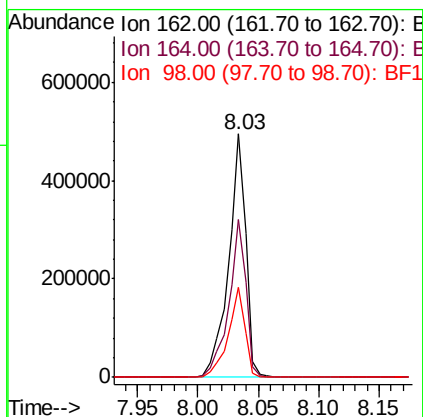
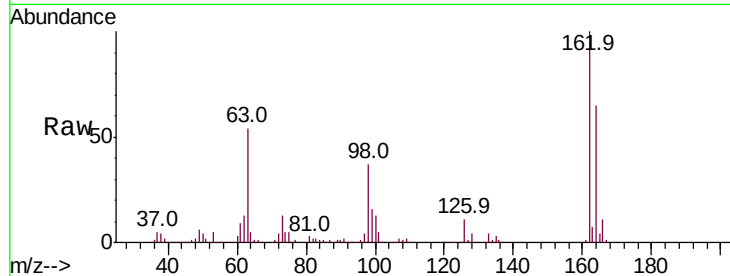
#29
2,4-Dichlorophenol
Concen: 45.919 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	488894		
164	65.0		44.5	84.5
98	37.0		15.2	55.2

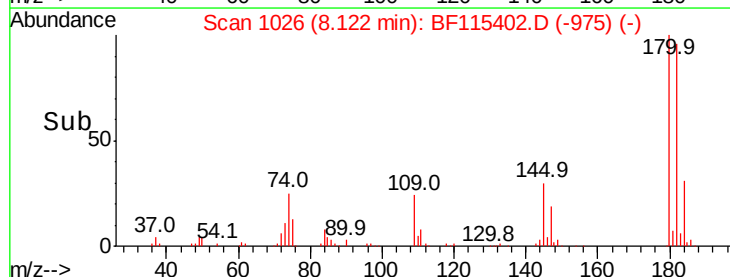
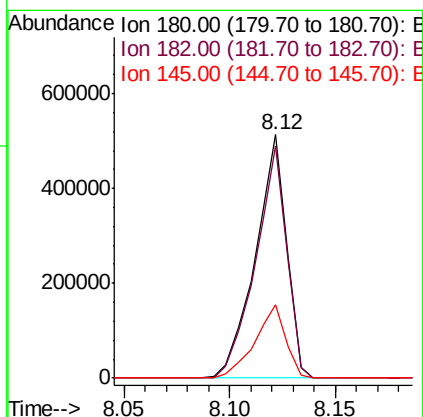
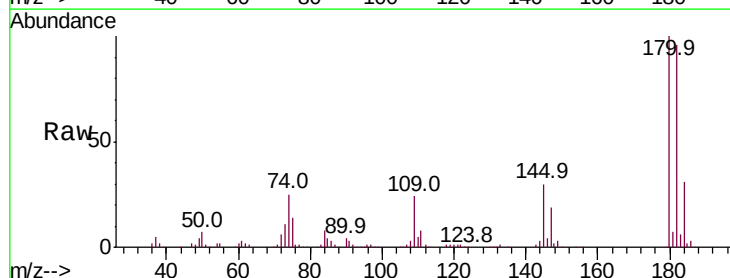
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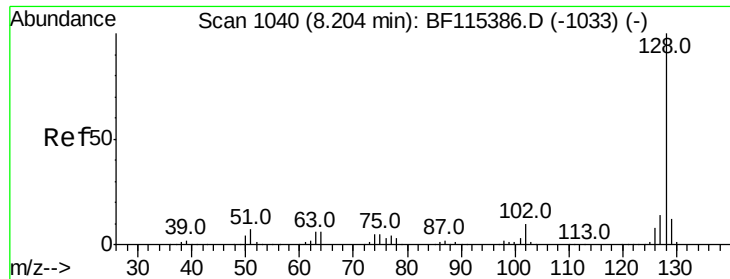
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#30
1,2,4-Trichlorobenzene
Concen: 44.417 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	526459		
182	95.5		75.9	113.9
145	29.9		24.6	36.8





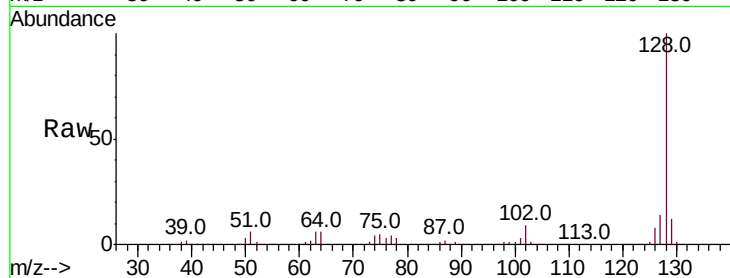
#31
Naphthalene
Concen: 45.837 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

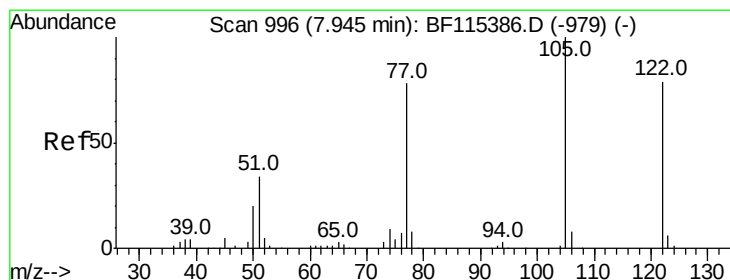
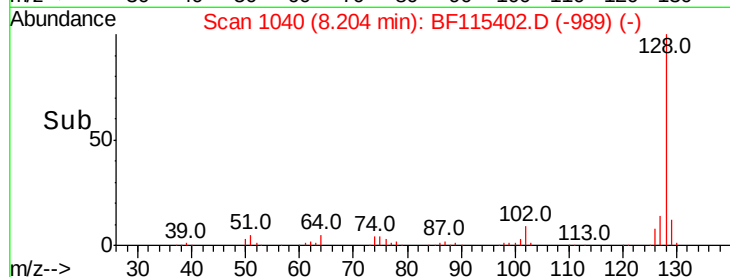
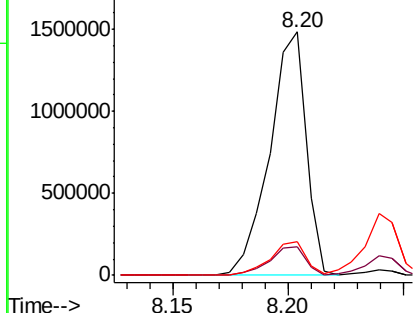
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.7	11.5	17.3

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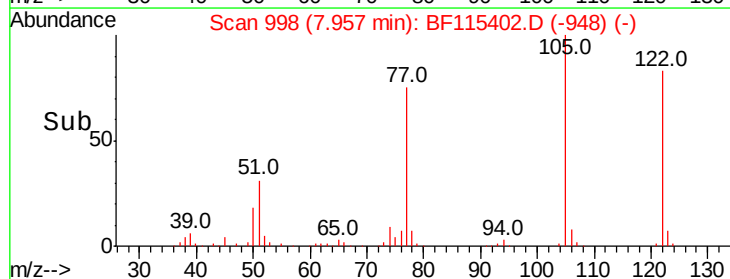
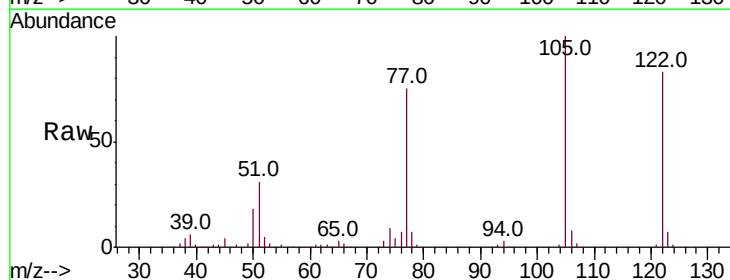
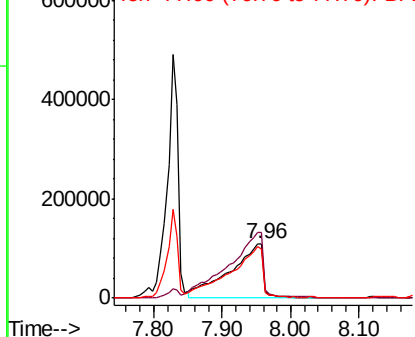
Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

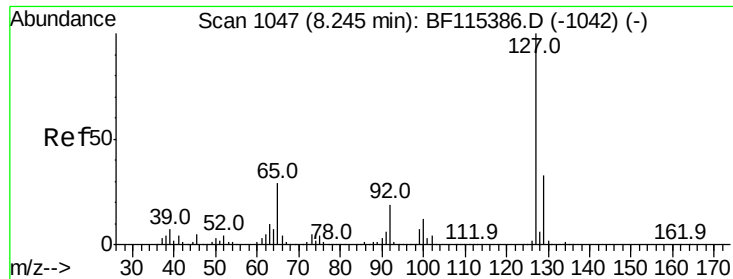


#32
Benzoic acid
Concen: 48.008 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	102.2	142.2
77	90.6	73.6	113.6

Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





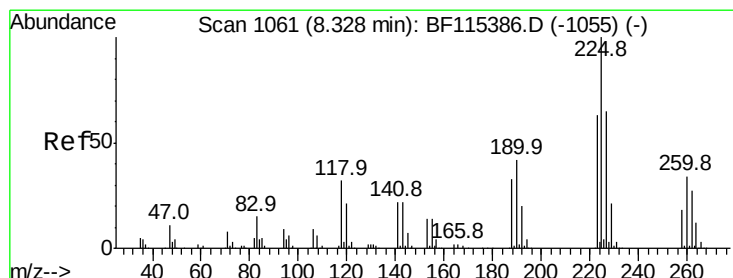
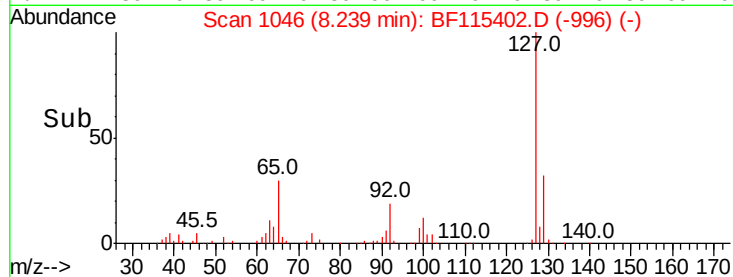
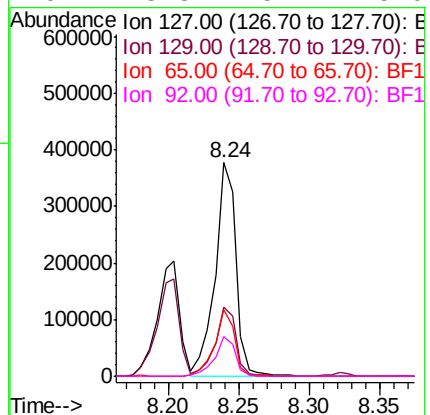
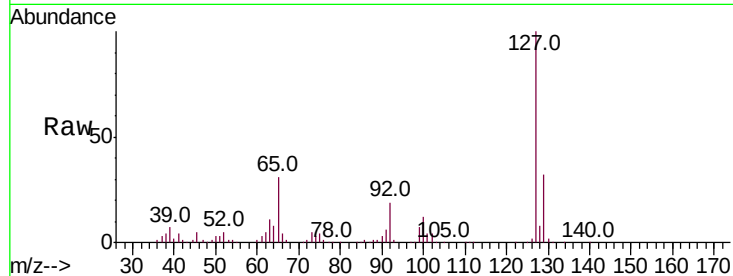
#33
4-Chloroaniline
Concen: 24.540 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	30.9	24.5	36.7	
92	18.8	15.4	23.0	

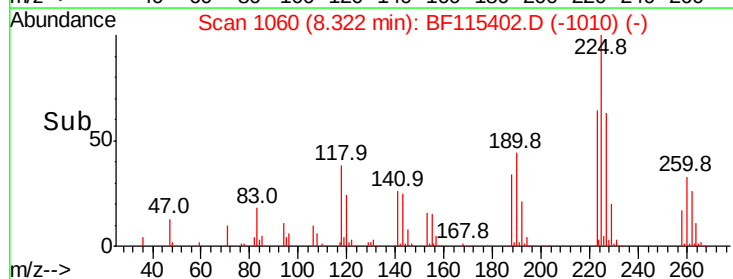
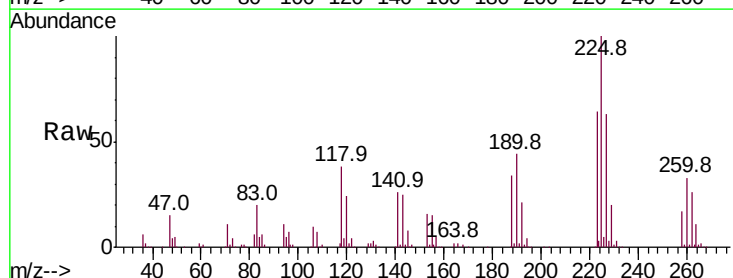
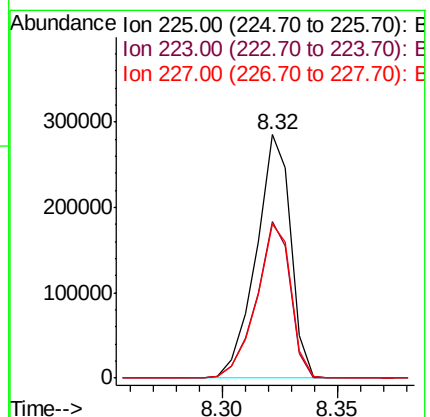
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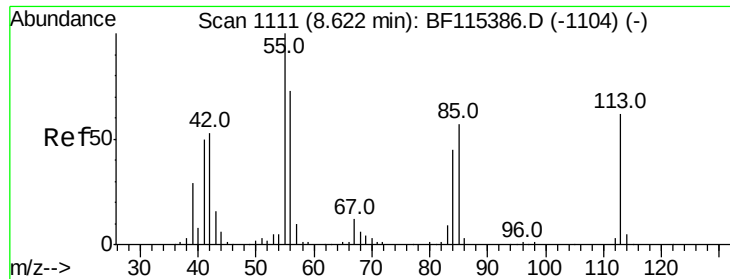
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#34
Hexachlorobutadiene
Concen: 44.186 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	50.6	75.8	
227	63.1	51.8	77.8	





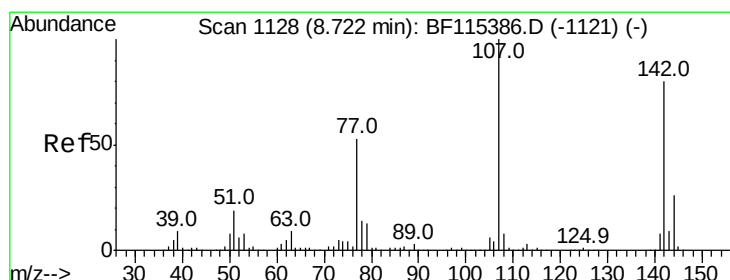
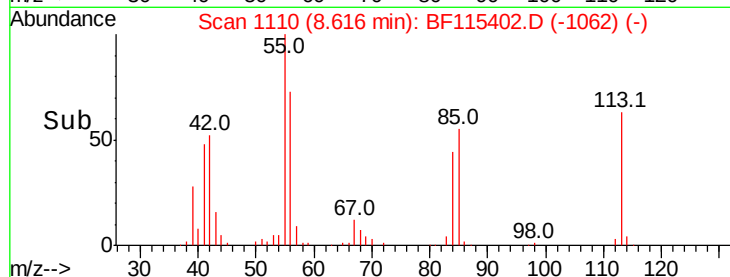
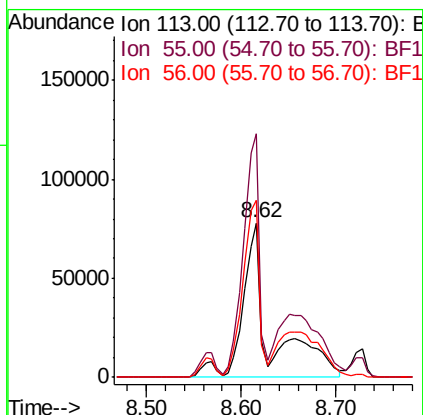
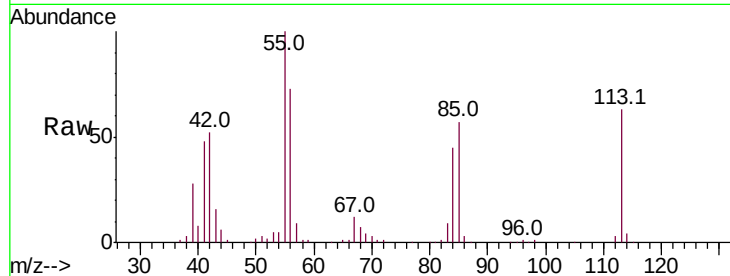
#35
Caprolactam
Concen: 45.444 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	157.6	135.8	175.8	
56	114.7	95.4	135.4	

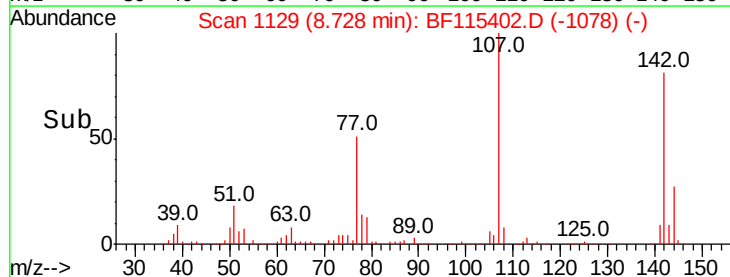
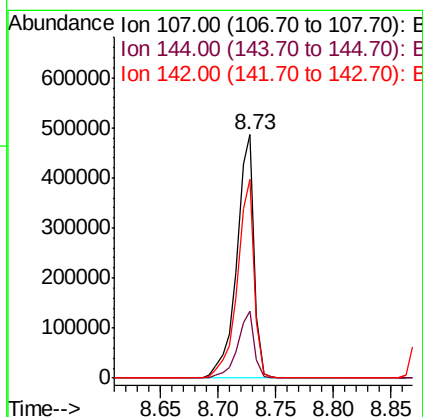
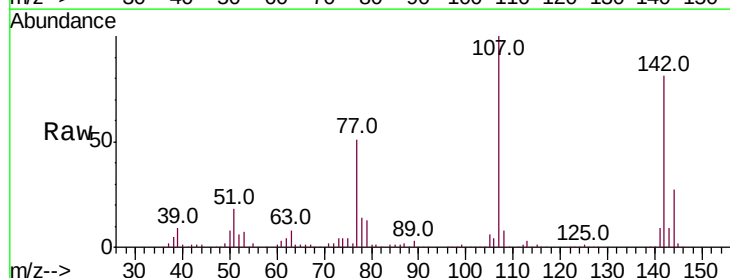
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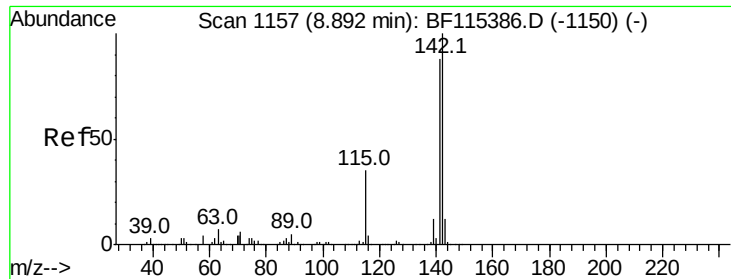
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#36
4-Chloro-3-methylphenol
Concen: 44.987 ng/ml
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.4	21.0	31.6	
142	81.5	64.2	96.2	





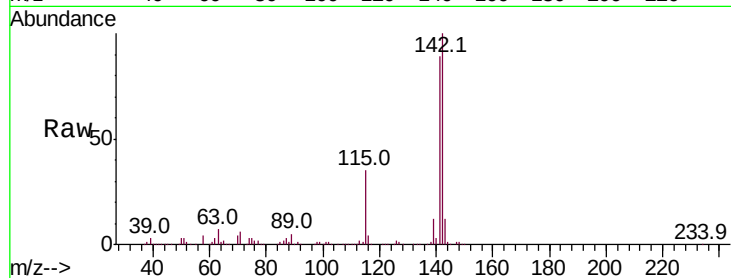
#37
2-Methylnaphthalene
Concen: 46.437 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :
PB121089BS

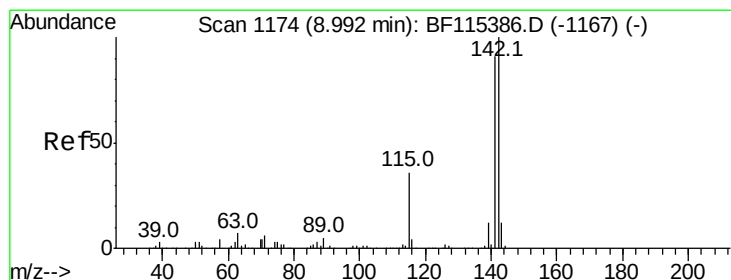
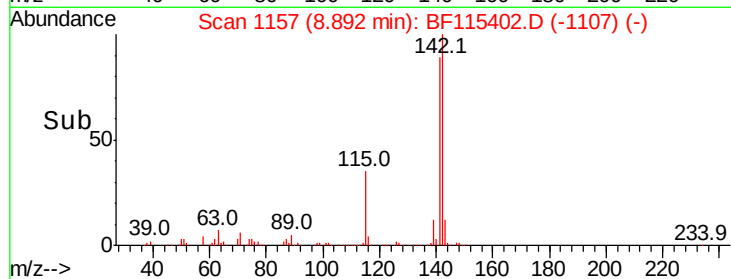
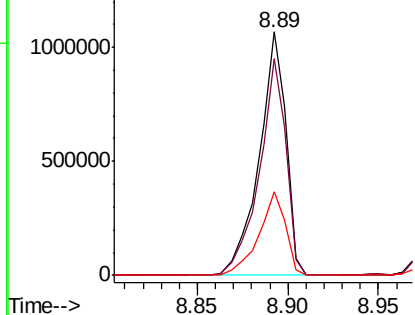
Tot Ion:142 Resp: 1099788
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0
115 34.5 27.2 40.8

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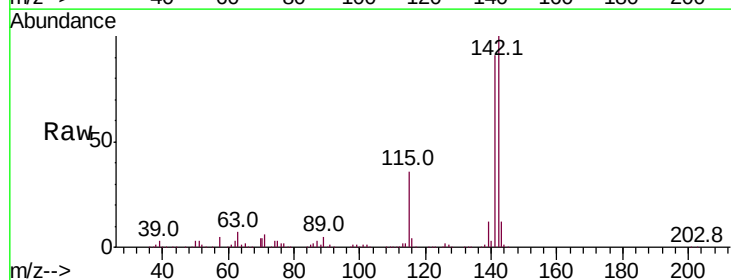


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

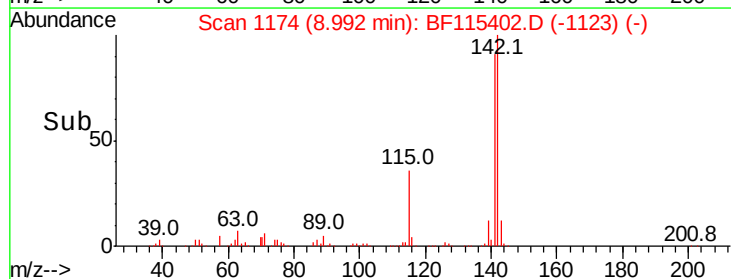
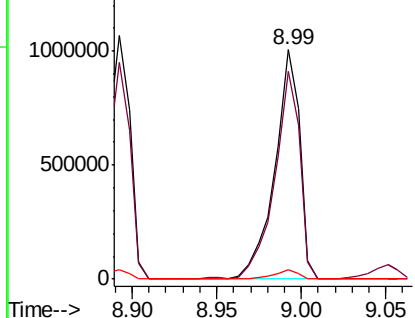


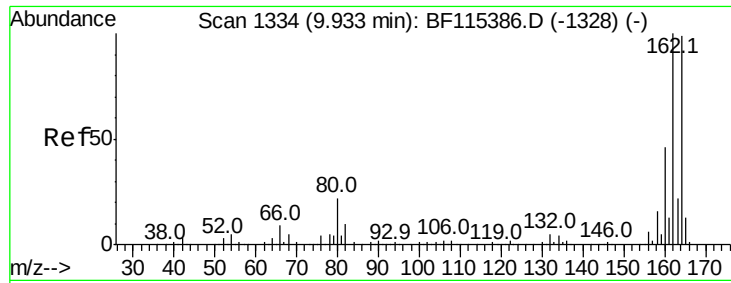
#38
1-Methylnaphthalene
Concen: 45.771 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:142 Resp: 1034271
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5
116 3.9 3.1 4.7



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





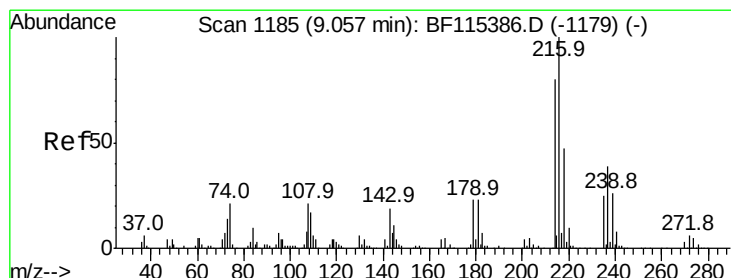
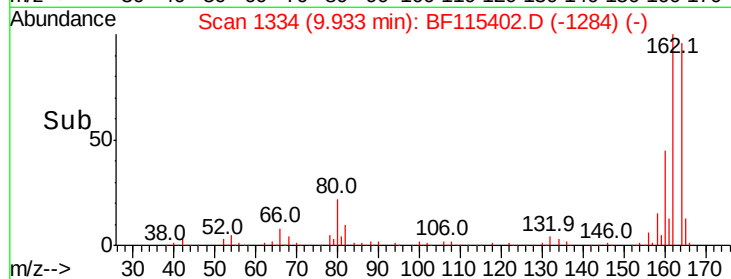
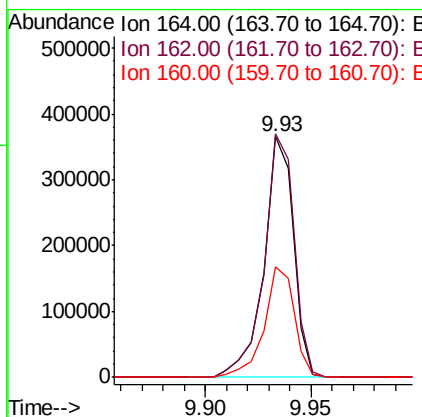
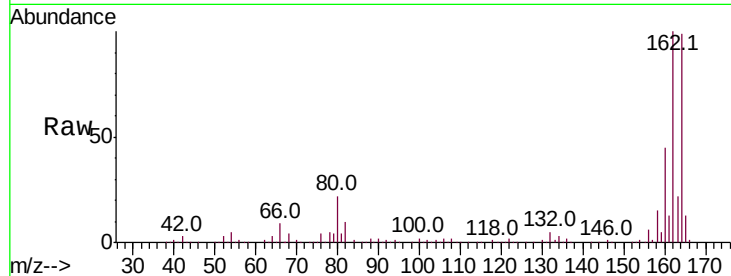
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	82.6	123.8	
160	45.8	37.5	56.3	

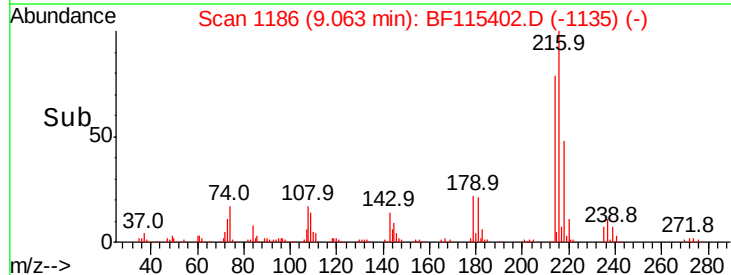
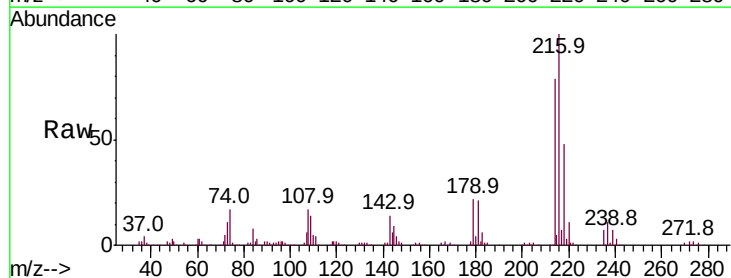
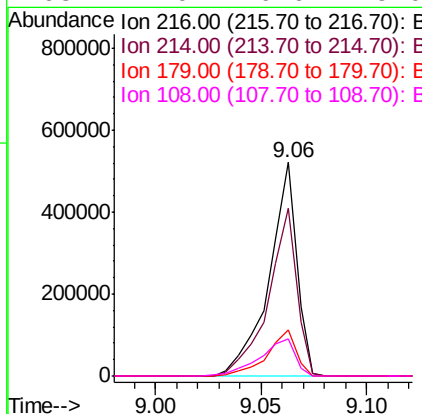
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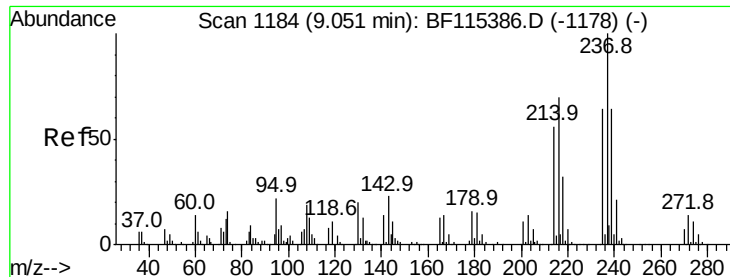
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.567 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.7	95.5	
179	22.0	17.5	26.3	
108	22.0	16.6	25.0	





#41

Hexachlorocyclopentadiene

Concen: 93.917 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

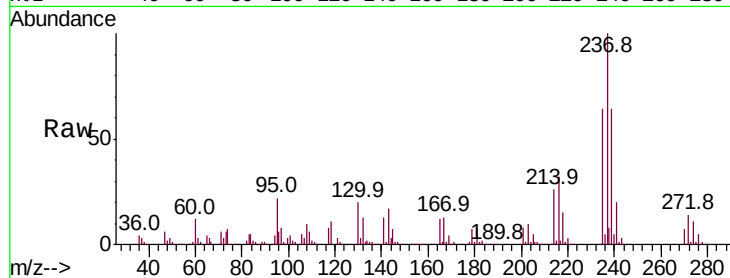
ClientSampleId :

PB121089BS

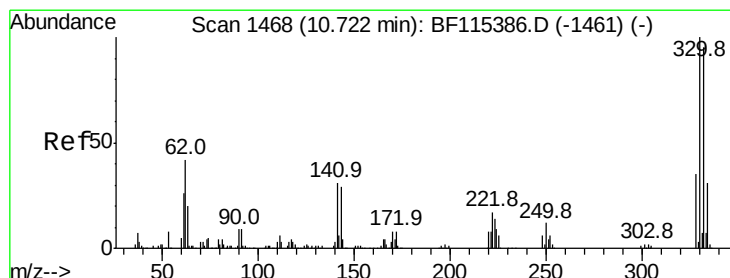
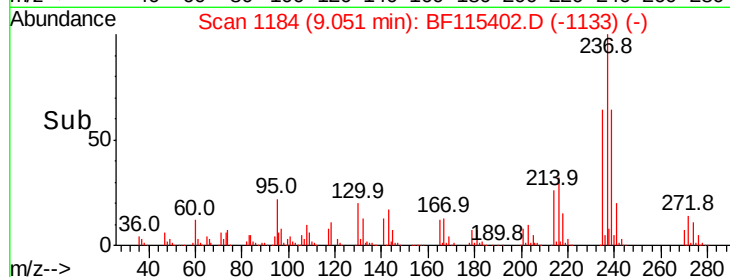
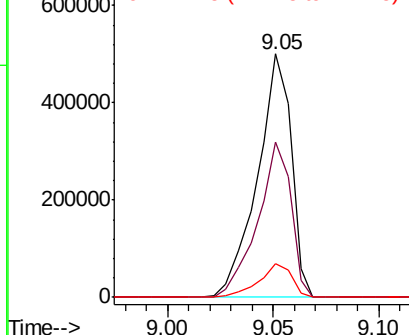
Tot Ion:	237	Resp:	558527
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.5	83.5
272	13.9	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 130.072 ng

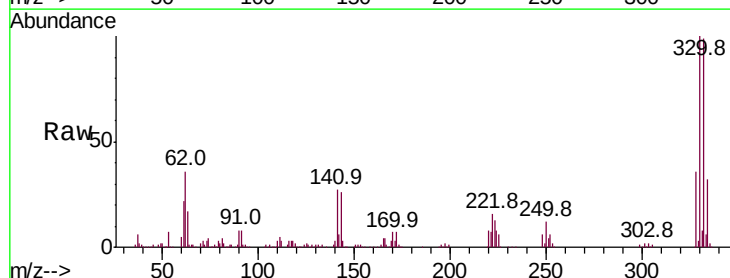
RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

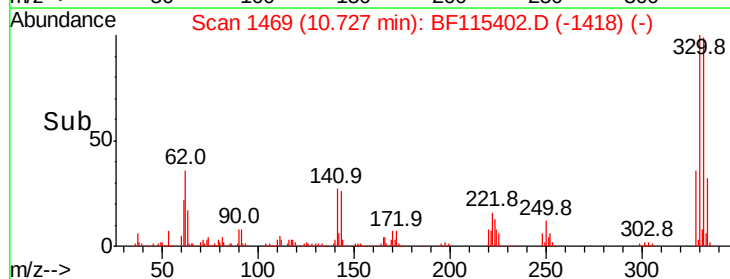
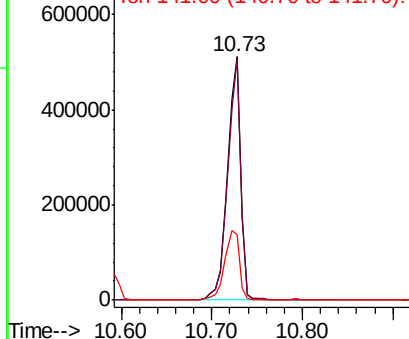
Lab File: BF115402.D

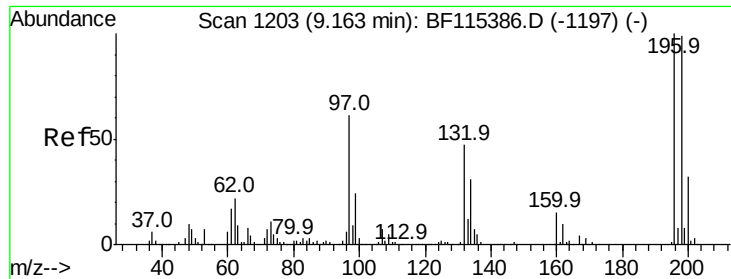
Acq: 8 Jul 2019 13:15

Tgt Ion:	330	Resp:	512941
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.5	116.3
141	32.0	25.8	38.6



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





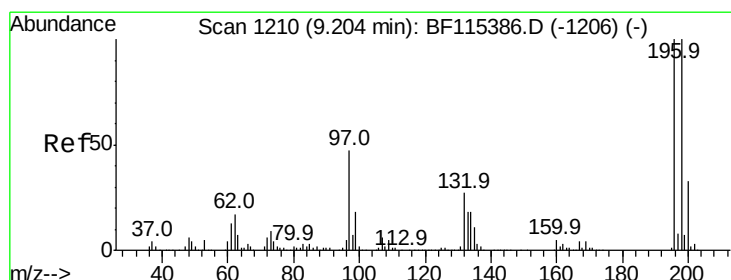
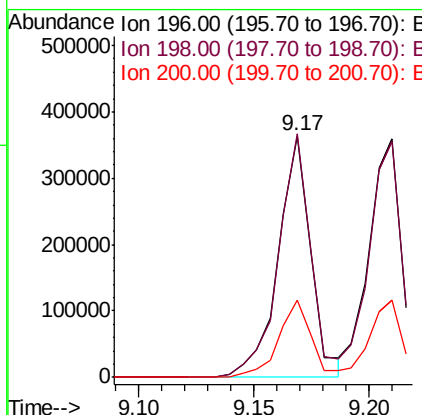
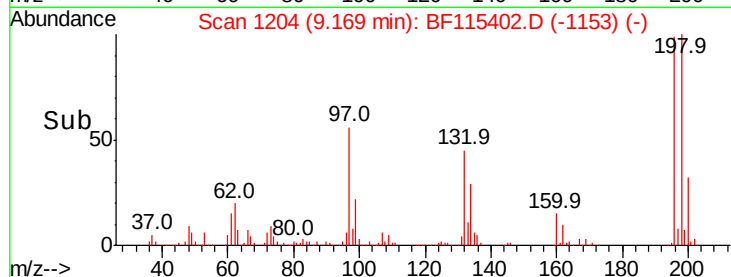
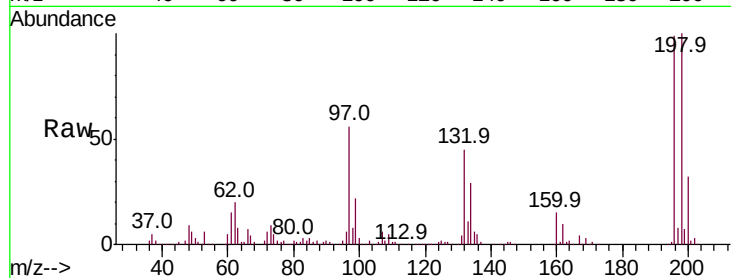
#43
 2,4,6-Trichlorophenol
 Concen: 47.621 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampled :
 PB121089BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	355730		
198	100.7	79.8	119.8	
200	32.0	25.6	38.4	

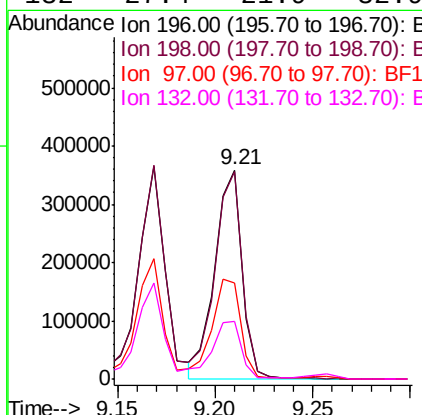
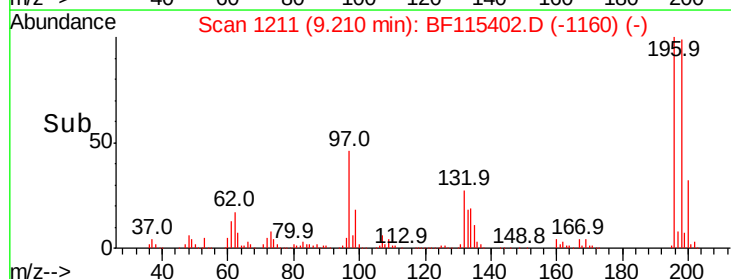
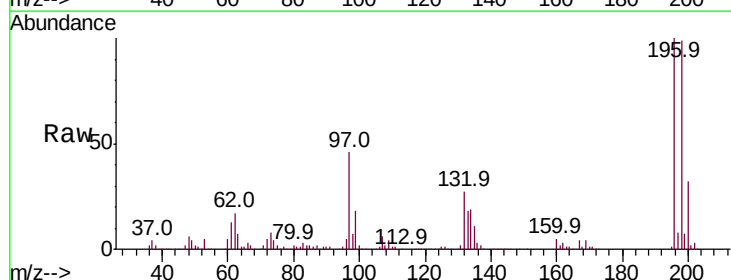
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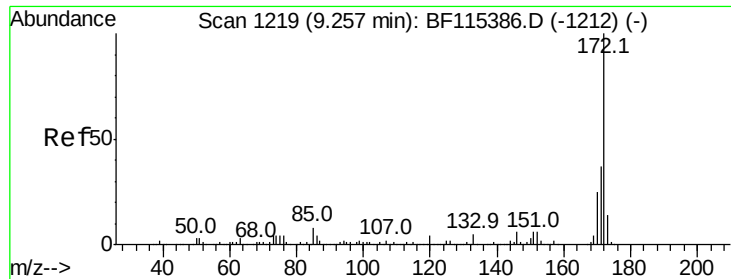
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#44
 2,4,5-Trichlorophenol
 Concen: 45.074 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349136		
198	99.1	79.0	118.4	
97	46.0	37.3	55.9	
132	27.4	21.9	32.9	





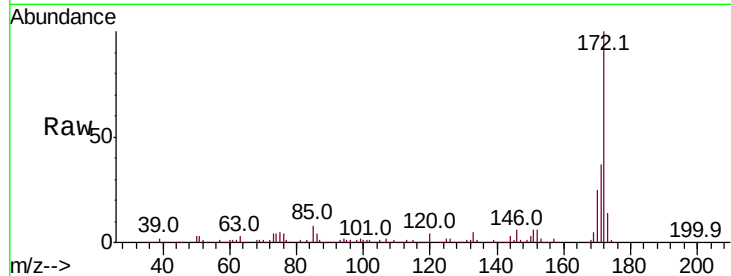
#45
2-Fluorobiphenyl
Concen: 94.913 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.9	20.2	30.2

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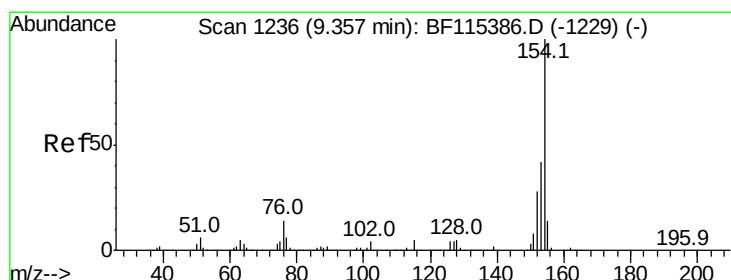
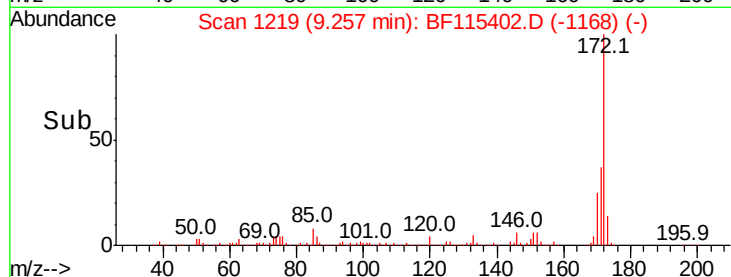
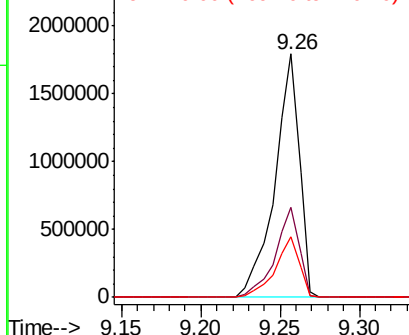


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.137 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

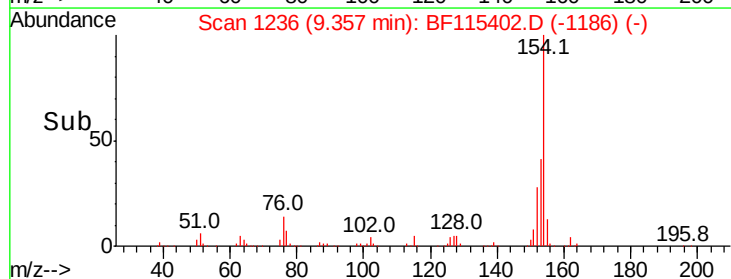
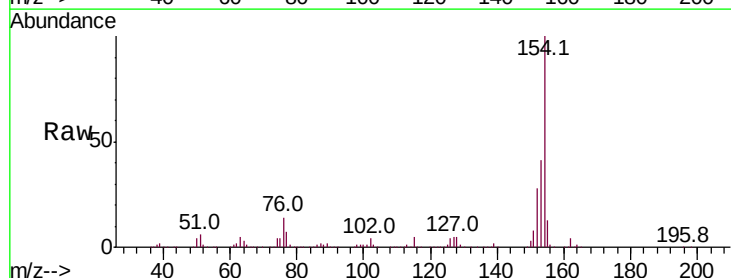
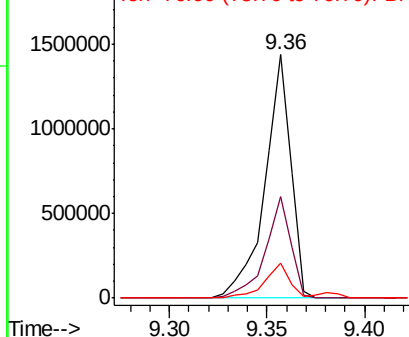
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.3	0.0	32.9

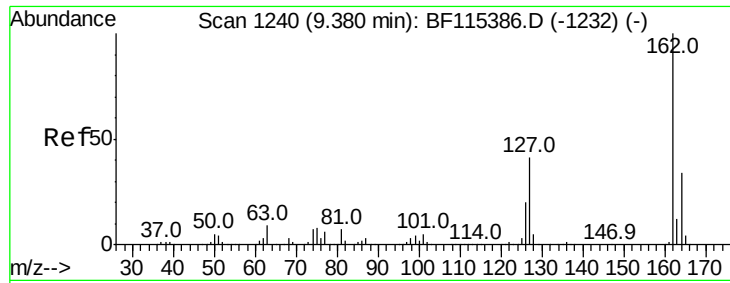
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





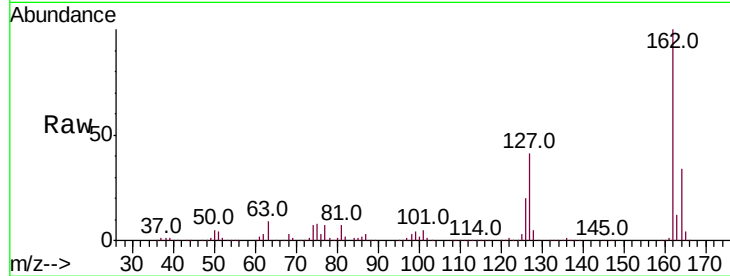
#47
 2-Chloronaphthalene
 Concen: 44.937 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampled :
 PB121089BS

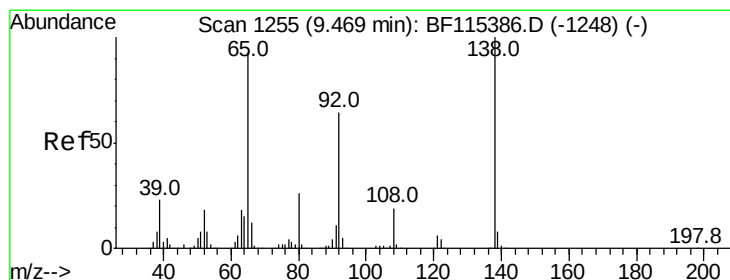
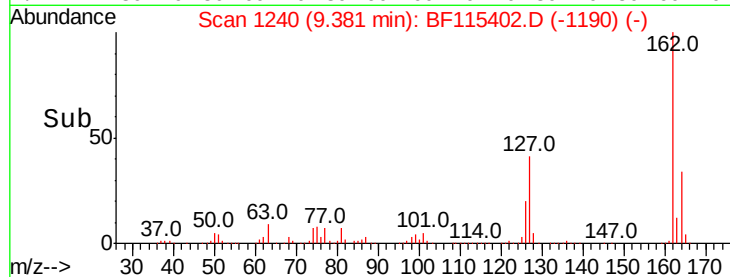
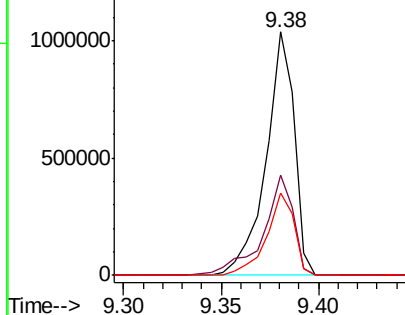
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.3	48.5
164	33.7	27.1	40.7

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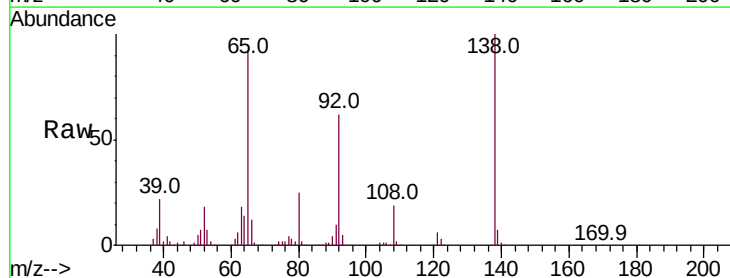


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

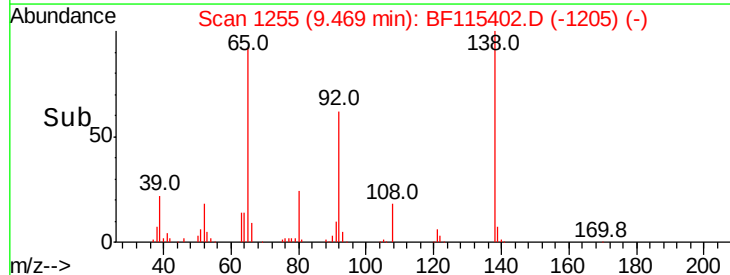
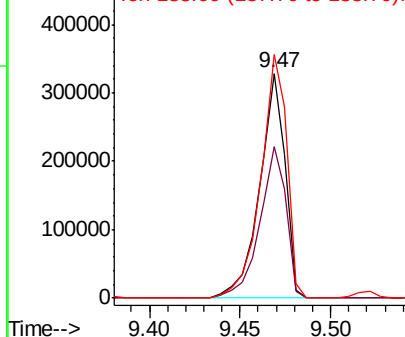


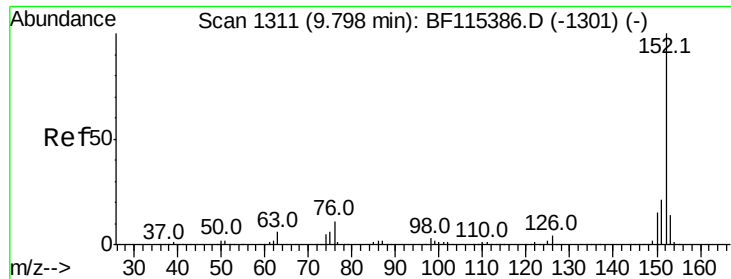
#48
 2-Nitroaniline
 Concen: 47.126 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	56.9	85.3
138	108.3	93.3	139.9



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: 45.315 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion:152 Resp: 1589909

Ion Ratio Lower Upper

152 100

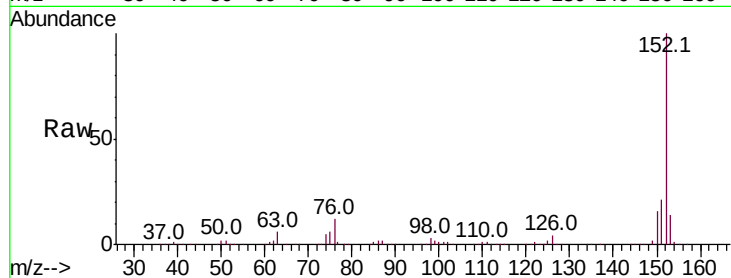
151 21.4 16.9 25.3

153 14.4 11.2 16.8

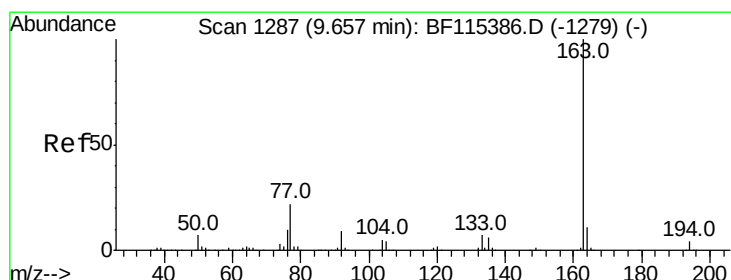
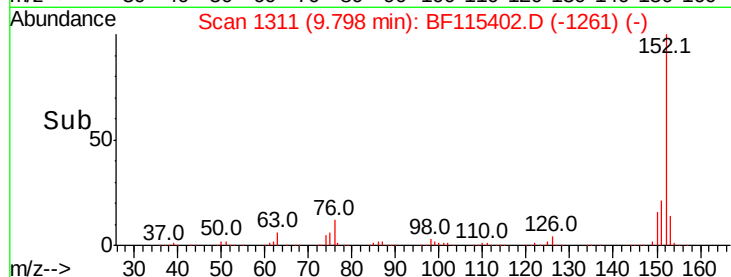
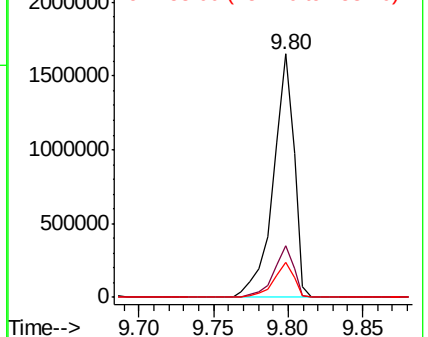
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.125 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

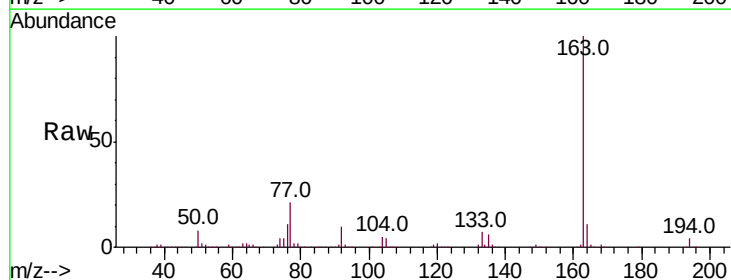
Tgt Ion:163 Resp: 1181234

Ion Ratio Lower Upper

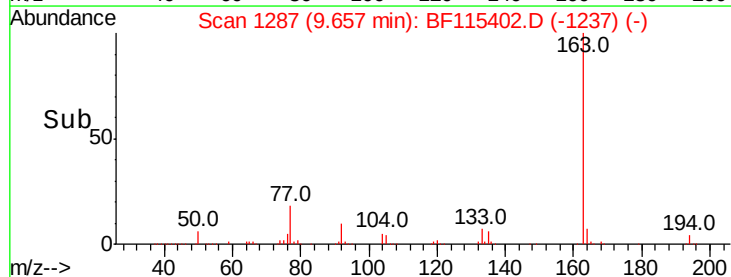
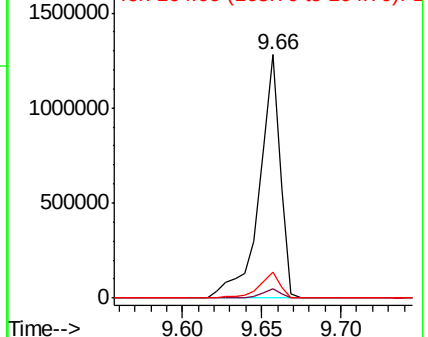
163 100

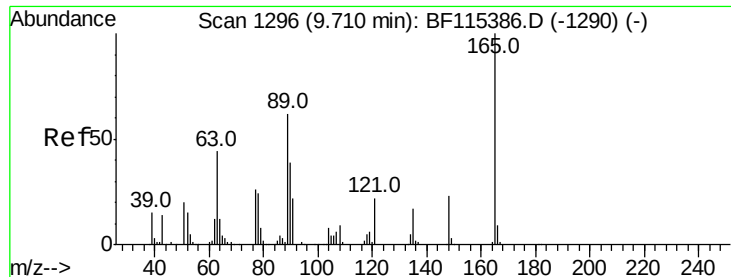
194 4.0 3.3 4.9

164 10.5 8.3 12.5



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: 46.663 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

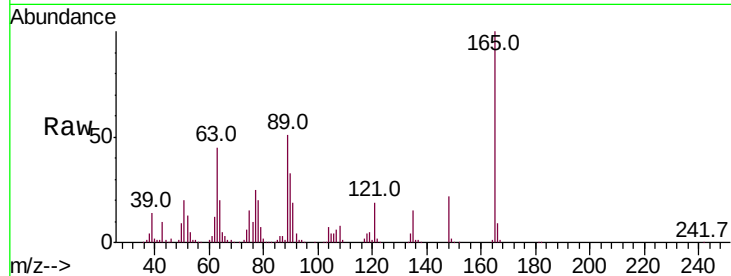
ClientSampleId :

PB121089BS

Tot Ion:	165	Resp:	270918
Ion Ratio	Lower	Upper	
165	100		
63	45.3	45.1	67.7
89	51.2	48.3	72.5

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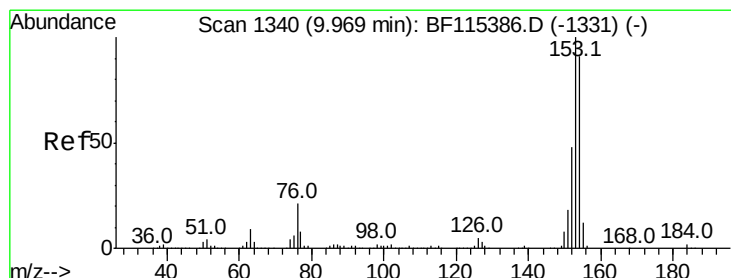
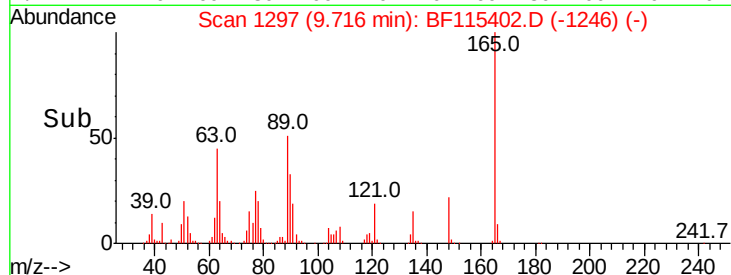
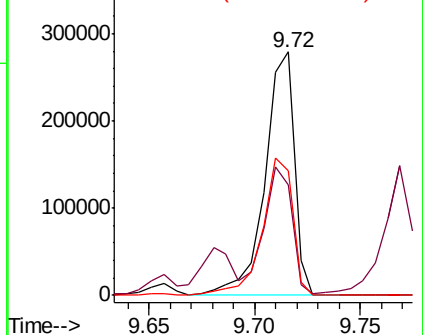
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.924 ng

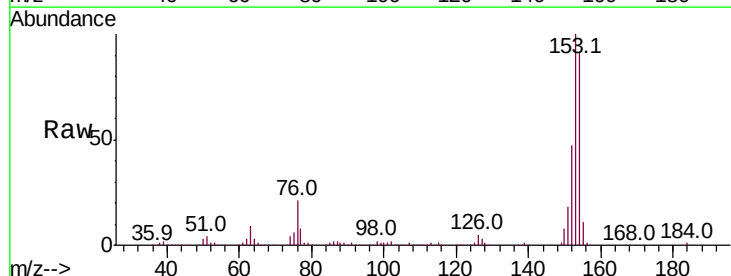
RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

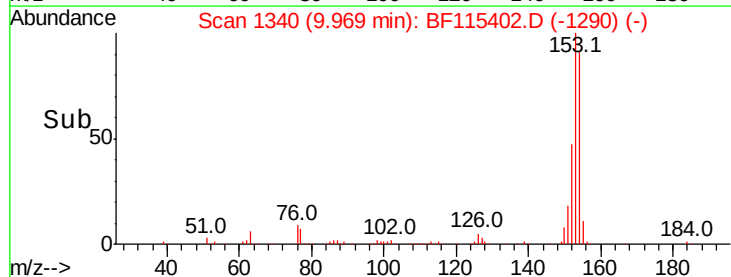
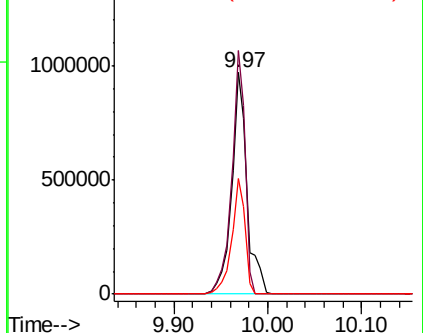
Tgt Ion:	154	Resp:	1102388
Ion Ratio	Lower	Upper	
154	100		
153	110.0	88.6	133.0
152	52.3	42.5	63.7

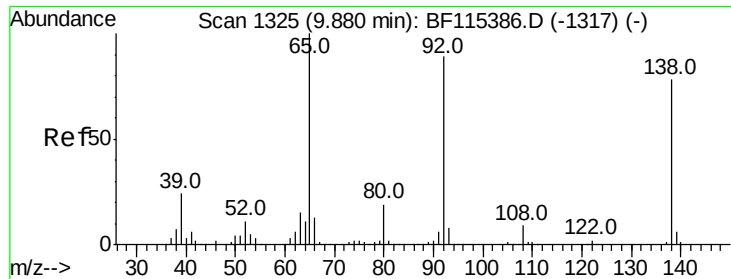


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





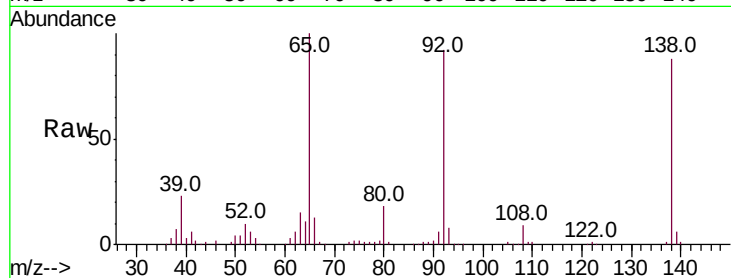
#53
3-Nitroaniline
Concen: 29.826 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

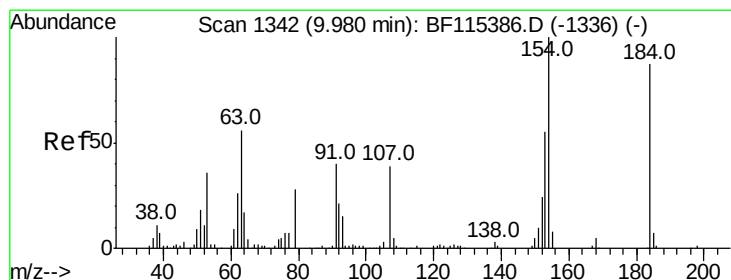
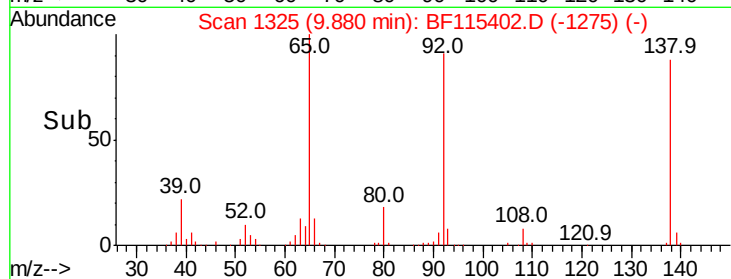
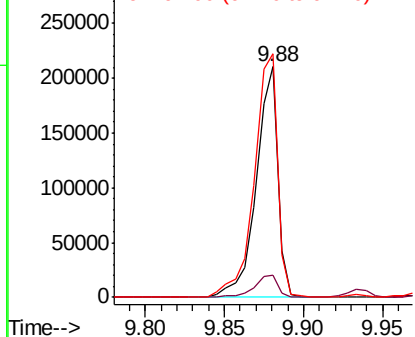
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.3	12.5
92	105.6	89.6	134.4

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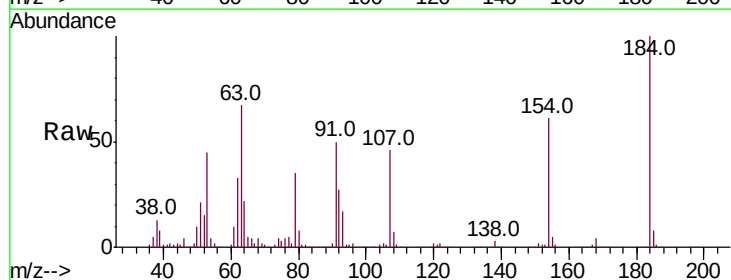


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

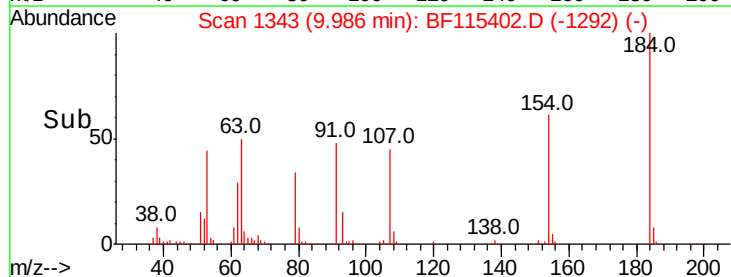
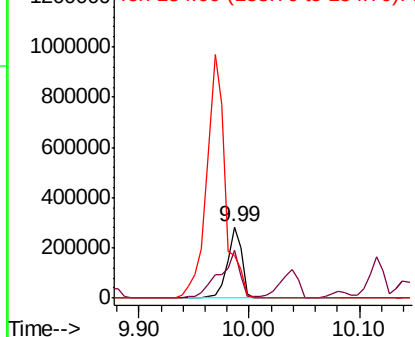


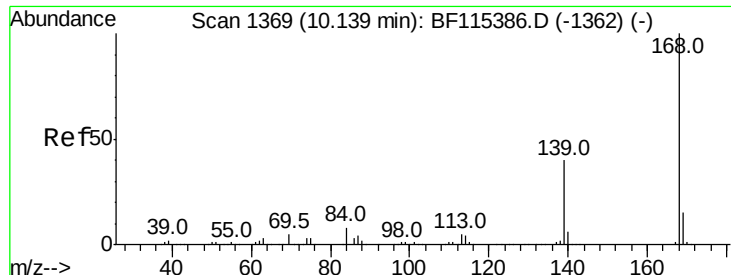
#54
2,4-Dinitrophenol
Concen: 100.639 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.1	51.7	77.5
154	61.0	55.8	83.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 45.914 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion:168 Resp: 1428183

Ion Ratio Lower Upper

168 100

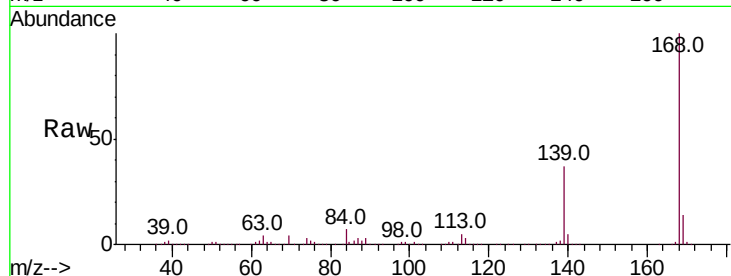
139 37.4 31.7 47.5

169 13.6 11.4 17.0

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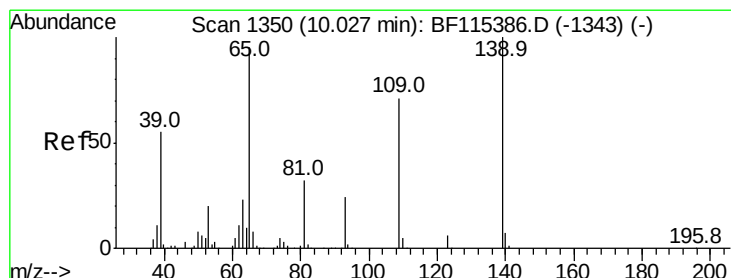
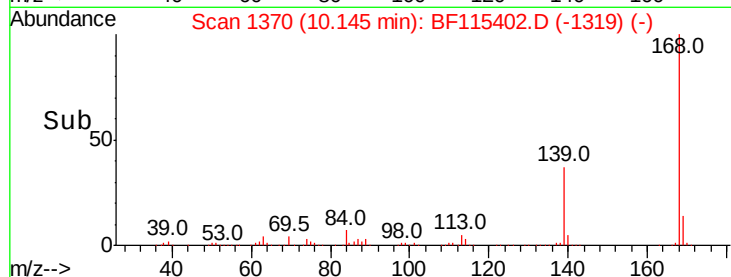
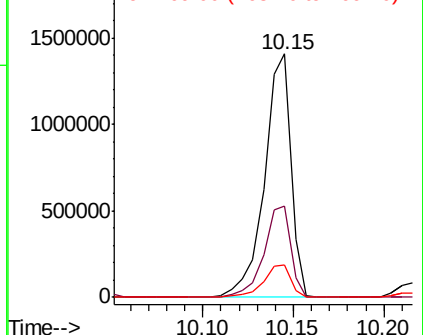
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.319 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

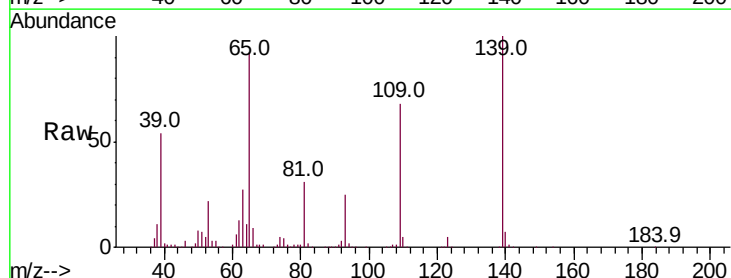
Tgt Ion:139 Resp: 492069

Ion Ratio Lower Upper

139 100

109 67.9 49.3 89.3

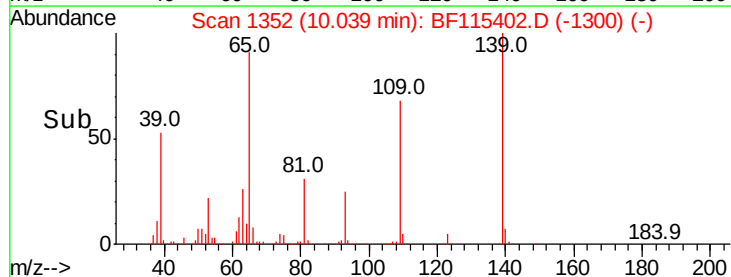
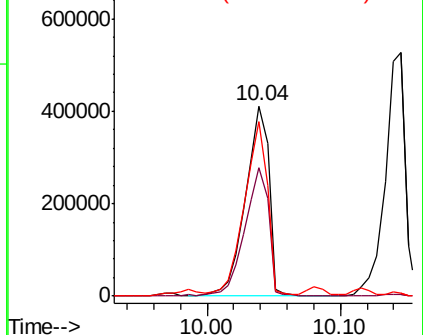
65 91.5 75.1 115.1

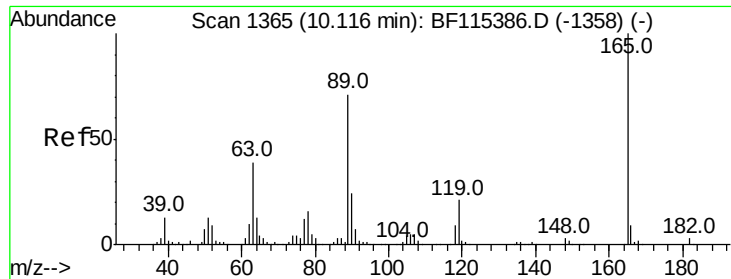


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 49.134 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampled :

PB121089BS

Tot Ion:165 Resp: 362528

Ion Ratio Lower Upper

165 100

63 44.2 30.0 45.0

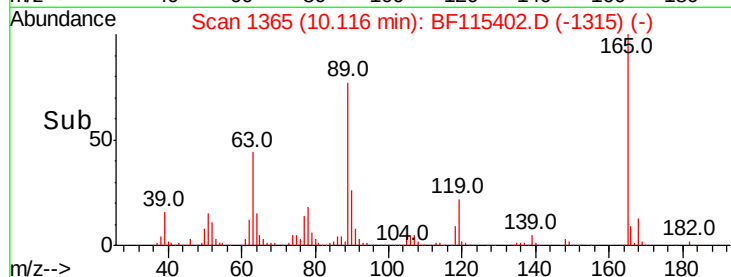
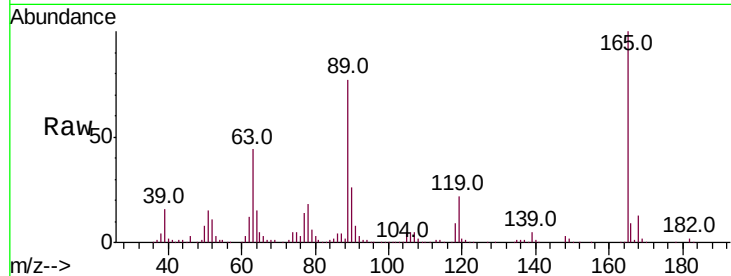
89 76.7 54.8 82.2

182 2.3 2.1 3.1

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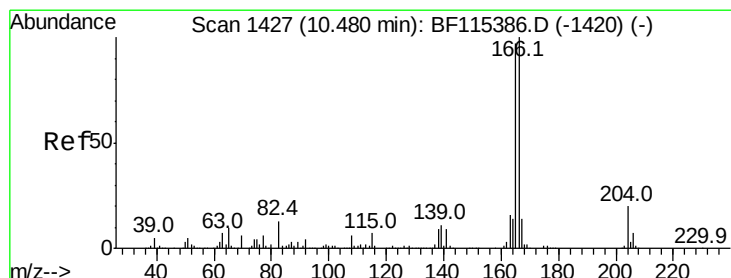
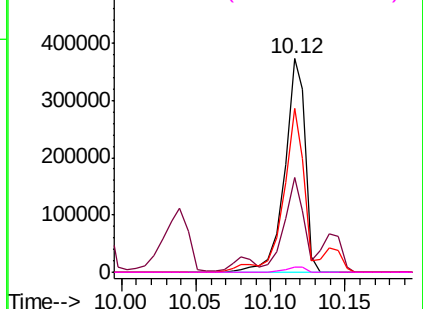


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.571 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

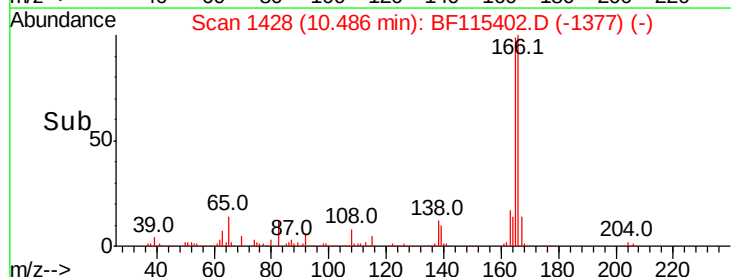
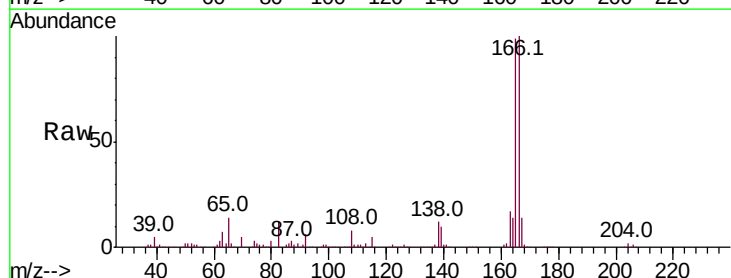
Tgt Ion:166 Resp: 1043850

Ion Ratio Lower Upper

166 100

165 98.8 79.1 118.7

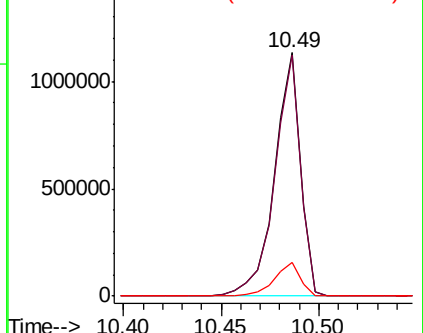
167 13.8 11.2 16.8

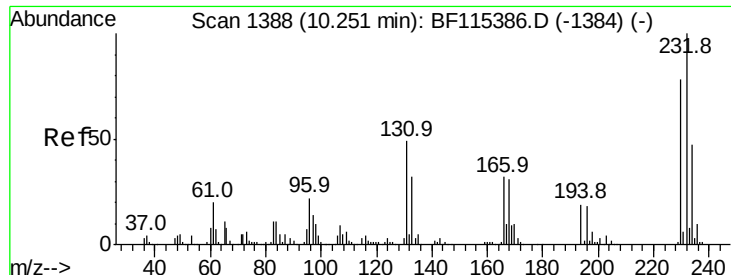


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.703 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion:232 Resp: 312508

Ion Ratio Lower Upper

232 100

131 45.2 35.9 53.9

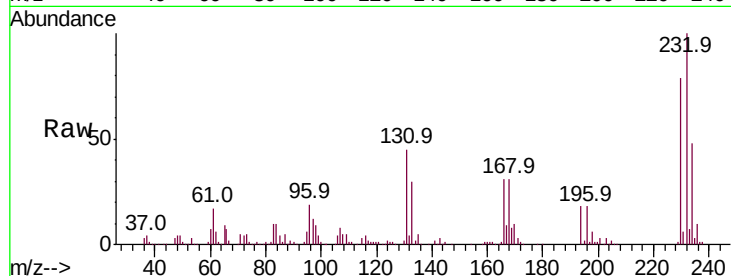
130 2.2 1.8 2.6

166 30.0 24.0 36.0

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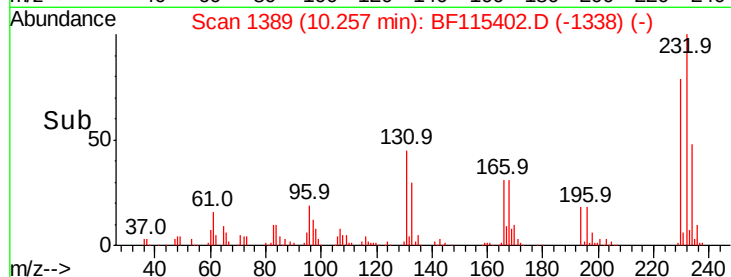


Abundance Ion 232.00 (231.70 to 232.70): E

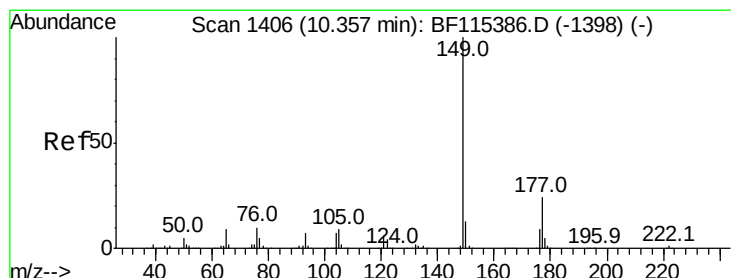
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 43.794 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

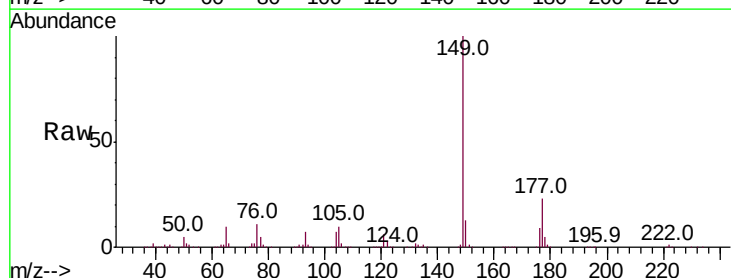
Tgt Ion:149 Resp: 1153947

Ion Ratio Lower Upper

149 100

177 23.3 19.0 28.4

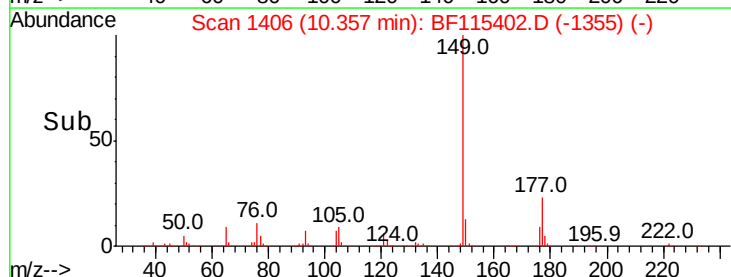
150 12.9 10.4 15.6



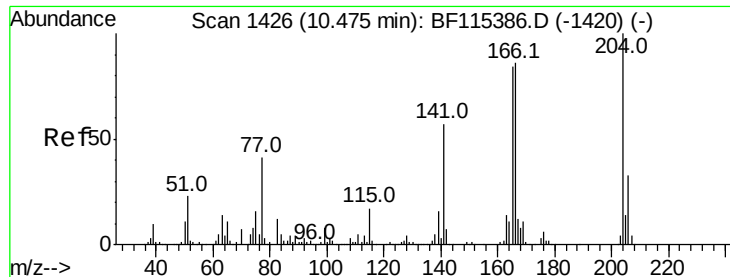
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



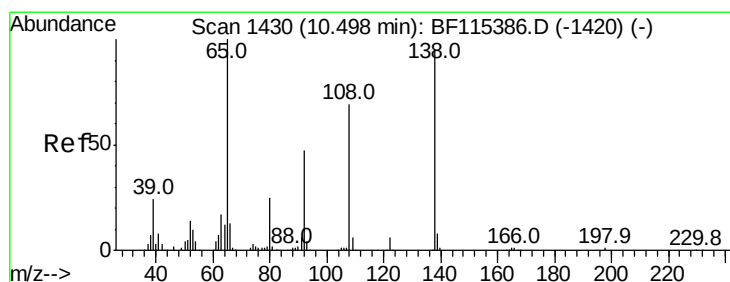
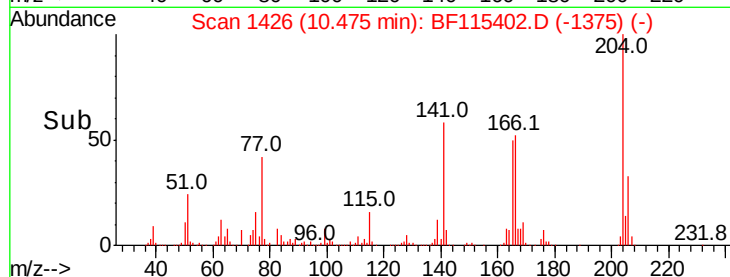
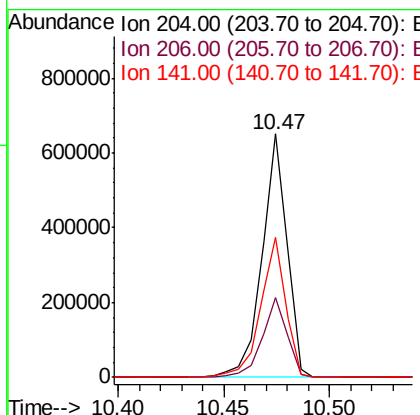
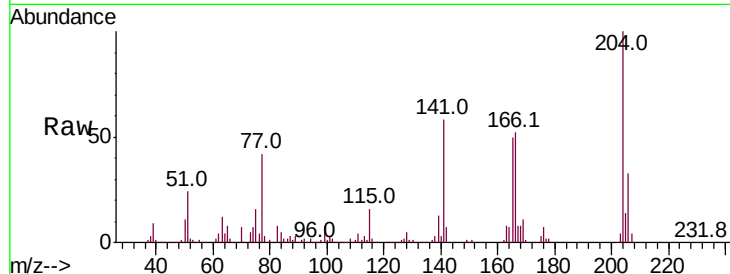
#61
4-Chlorophenyl-phenylether
Concen: 44.709 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :
PB121089BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.4
141	57.6	47.7	71.5

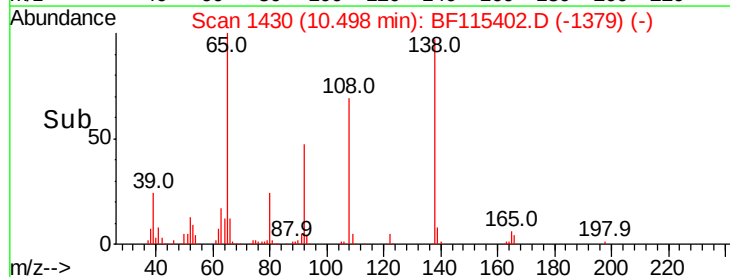
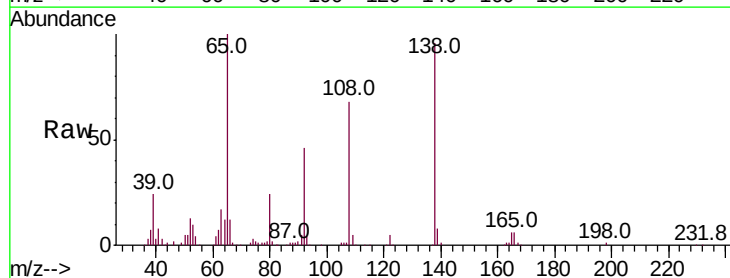
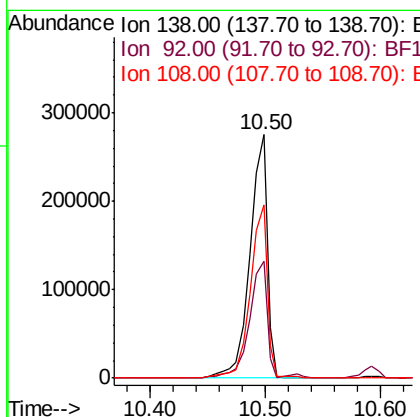
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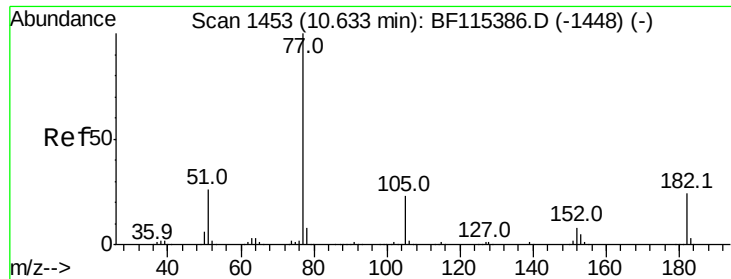
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#62
4-Nitroaniline
Concen: 43.366 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.6	70.6
108	71.4	53.3	93.3





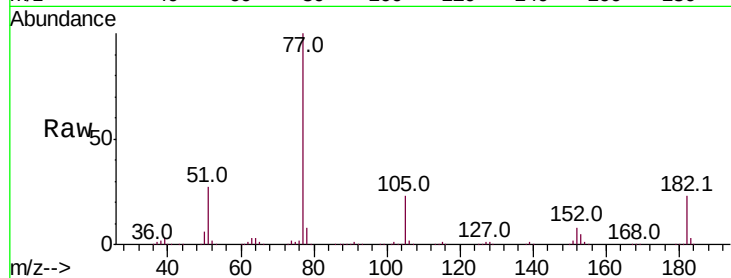
#63
Azobenzene
Concen: 43.598 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

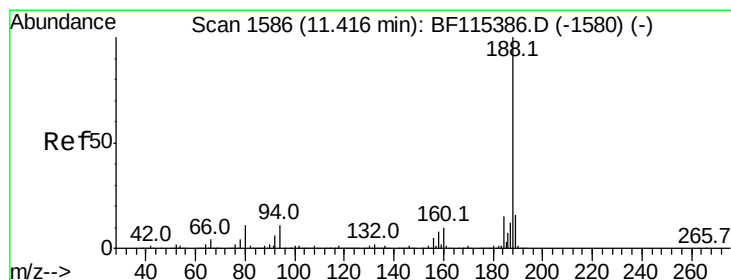
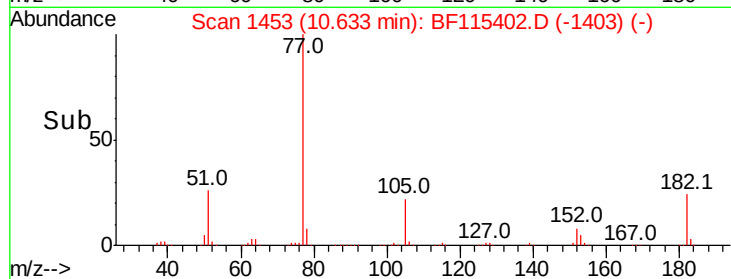
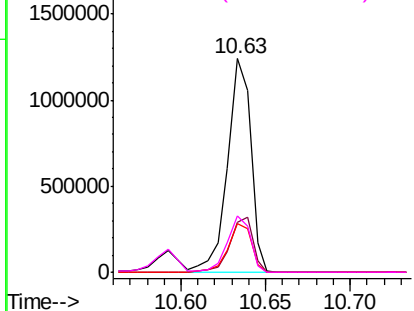
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.5	8.8	48.8
105	22.5	3.9	43.9
51	26.6	6.0	46.0

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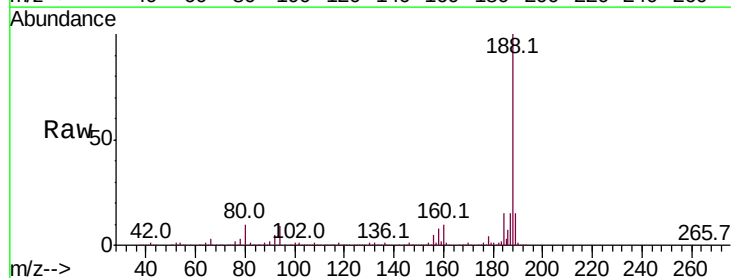


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

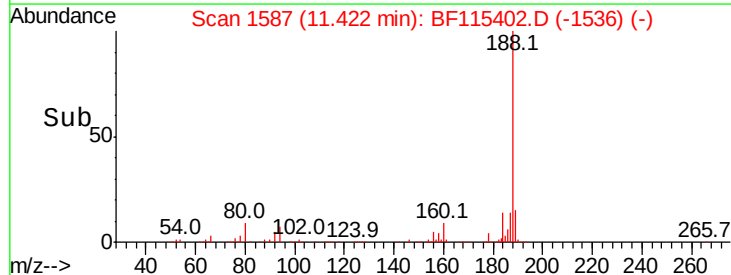
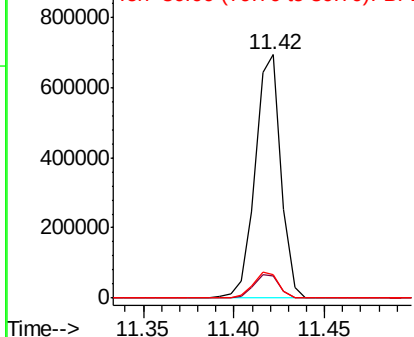


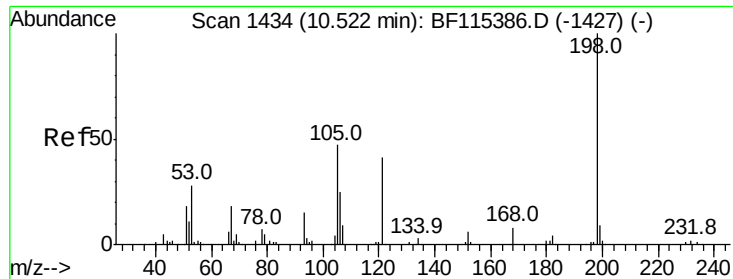
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	9.8	8.5	12.7



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: 51.818 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion:198 Resp: 172082

Ion Ratio Lower Upper

198 100

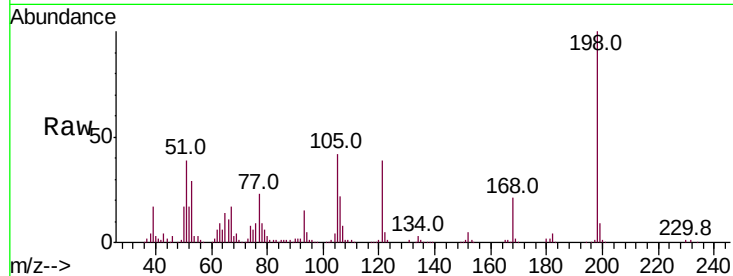
51 38.6 28.1 68.1

105 42.0 29.4 69.4

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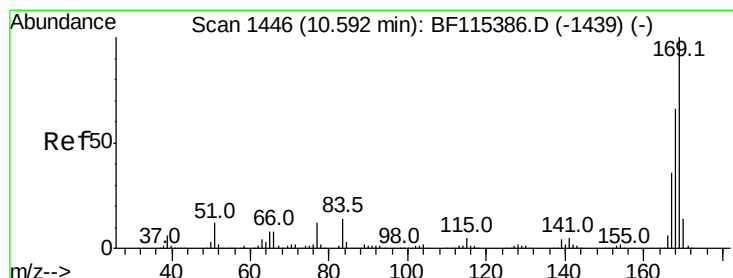
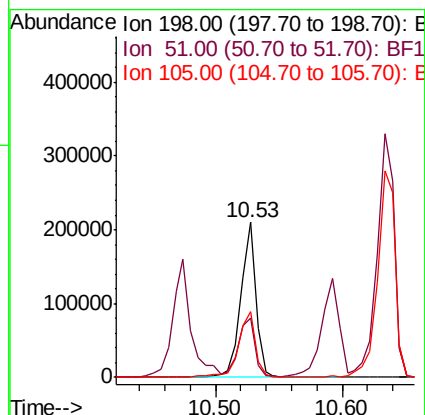
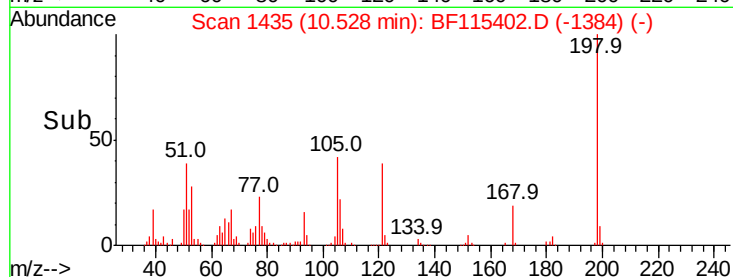
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.485 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

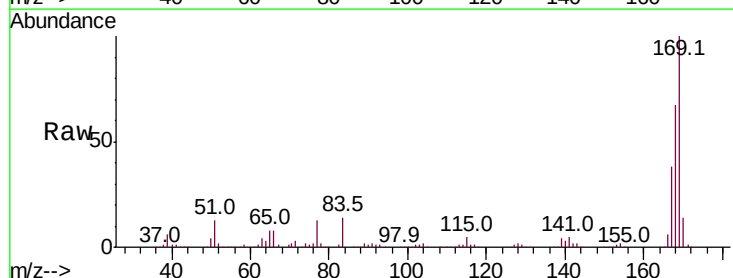
Tgt Ion:169 Resp: 979970

Ion Ratio Lower Upper

169 100

168 67.5 53.6 80.4

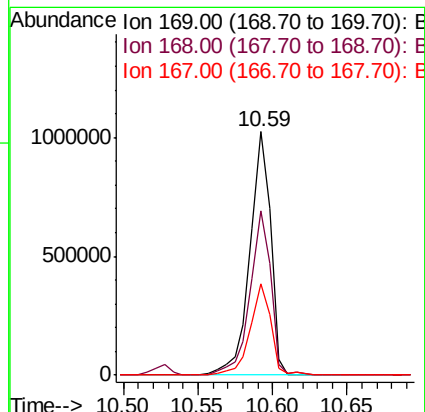
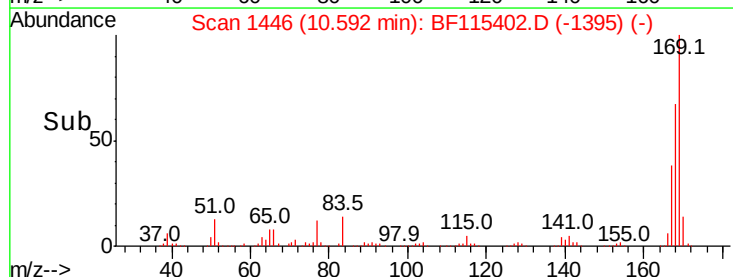
167 37.6 29.5 44.3

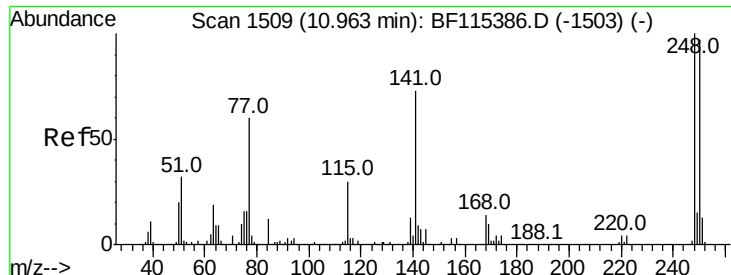


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





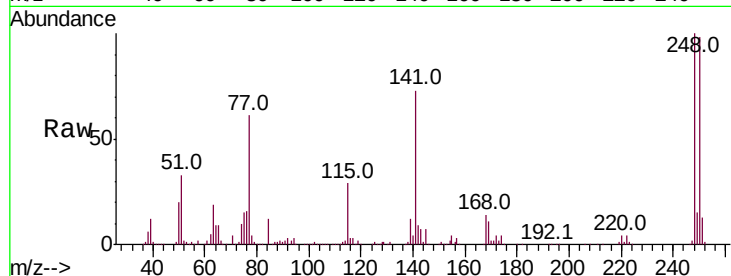
#67
4-Bromophenyl-phenylether
Concen: 44.070 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleID :
PB121089BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.1	118.7
141	72.7	49.4	74.2

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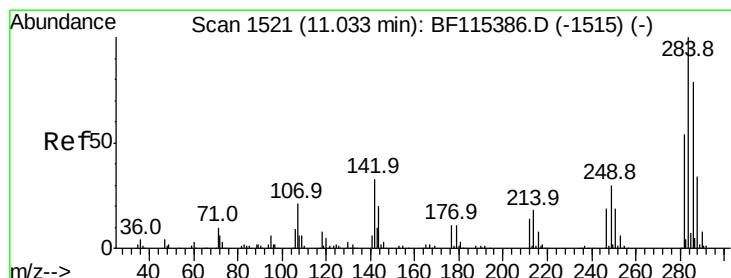
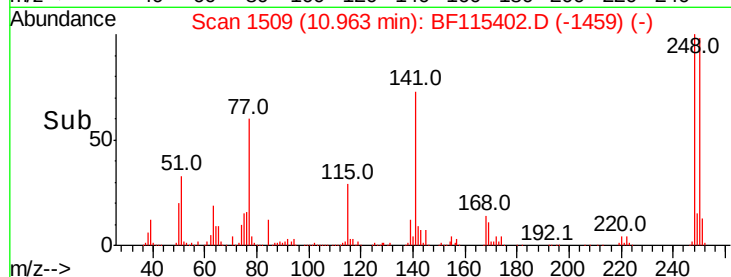
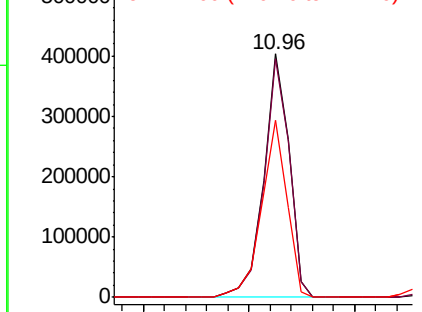


Abundance

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: 44.127 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

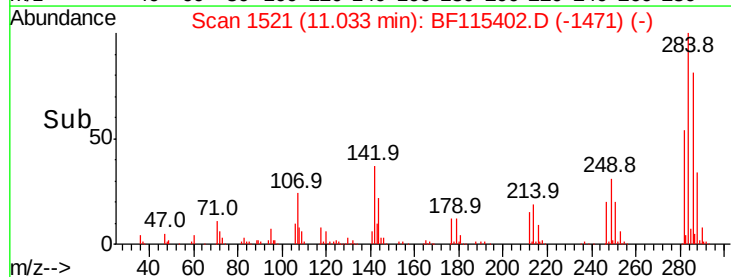
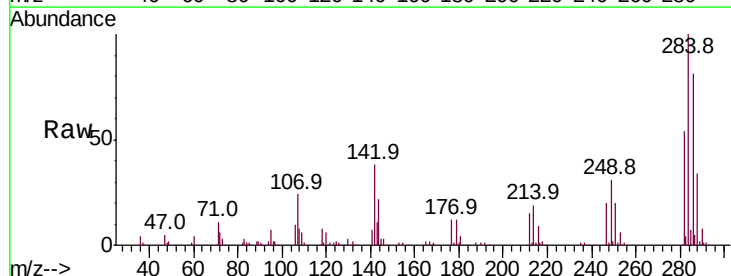
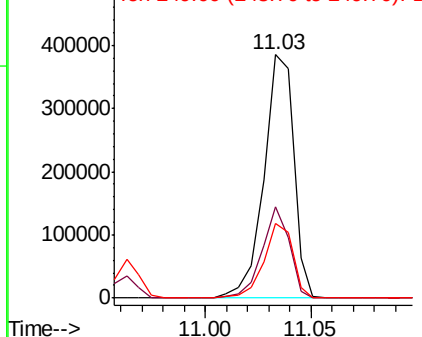
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	25.0	37.6
249	30.7	24.0	36.0

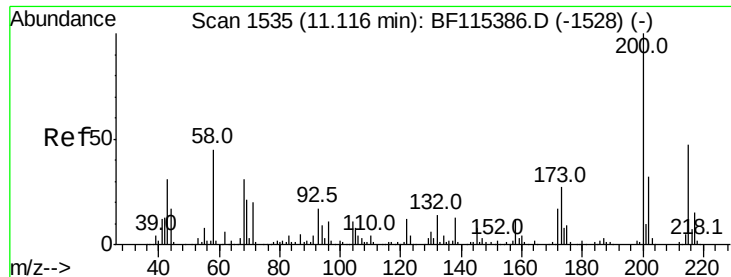
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





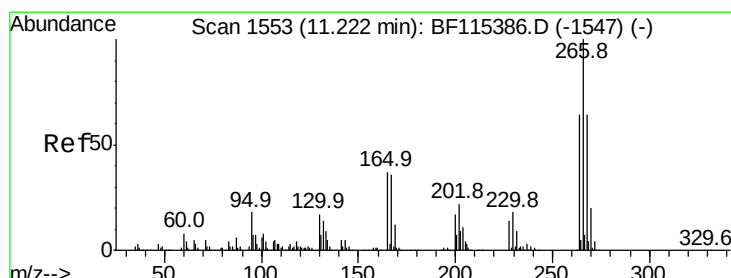
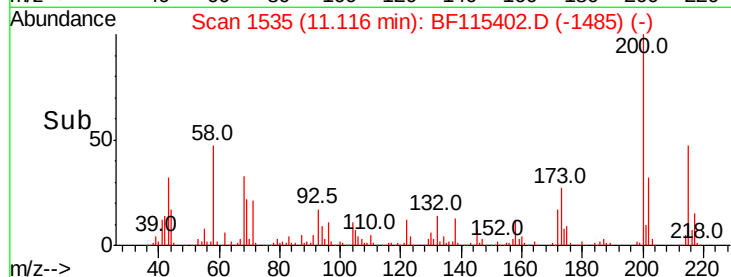
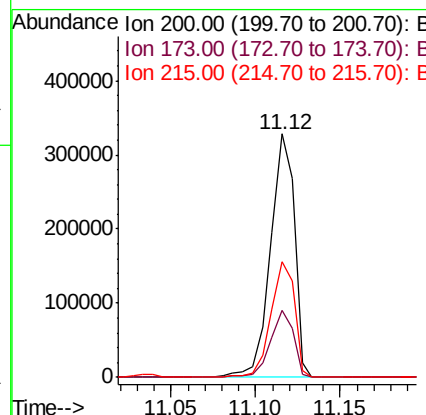
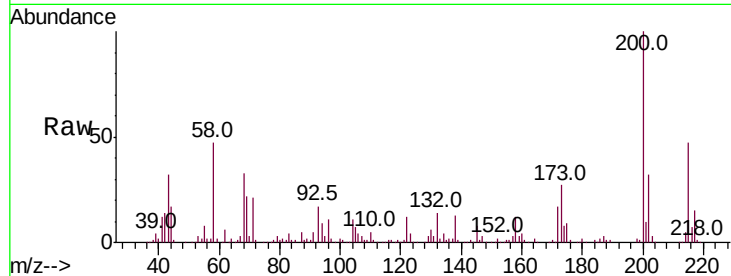
#69
Atrazine
Concen: 48.153 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.8	46.8
215	47.3	27.8	67.8

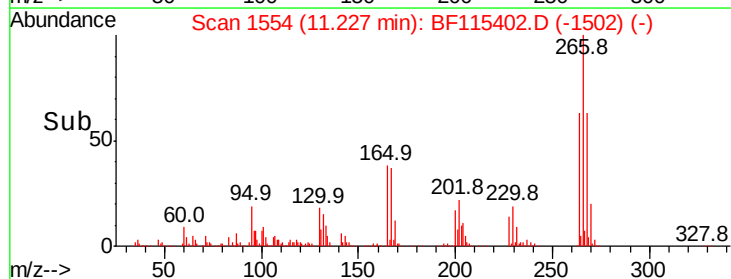
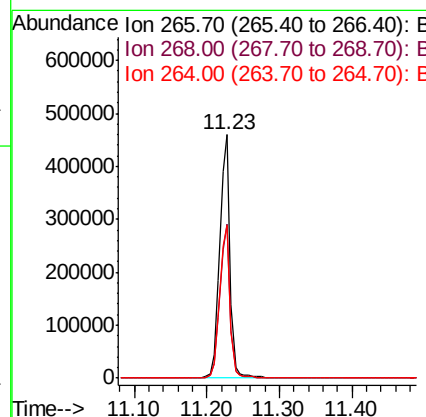
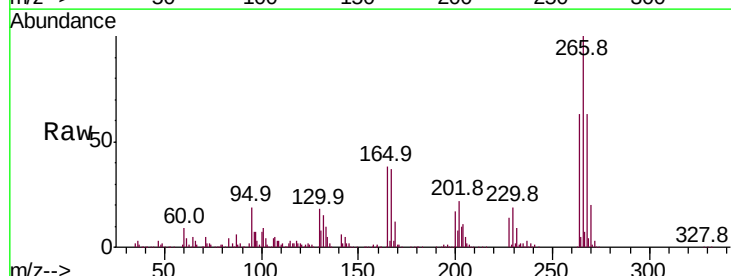
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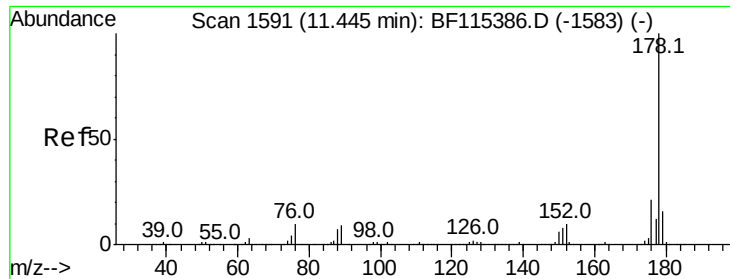
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#70
Pentachlorophenol
Concen: 87.438 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	62.9	51.8	77.6





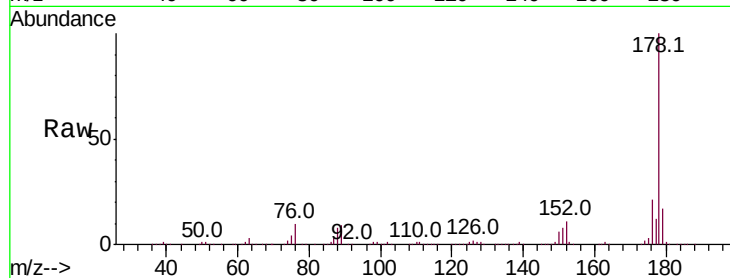
#71
Phenanthrene
Concen: 44.031 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

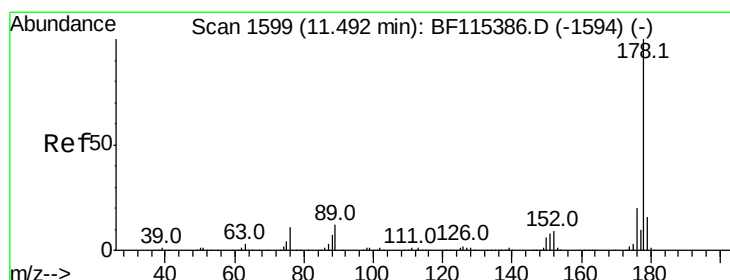
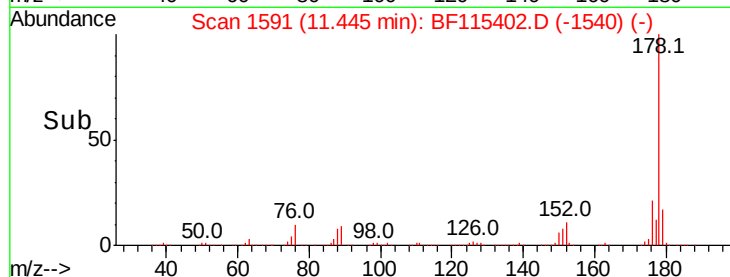
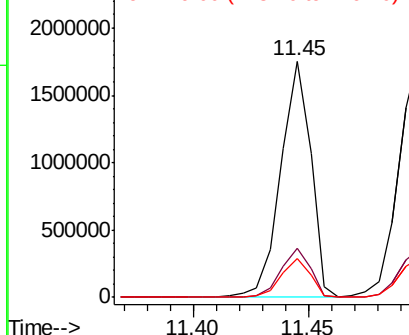
Tot Ion:178 Resp: 1583418
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 16.7 13.0 19.6

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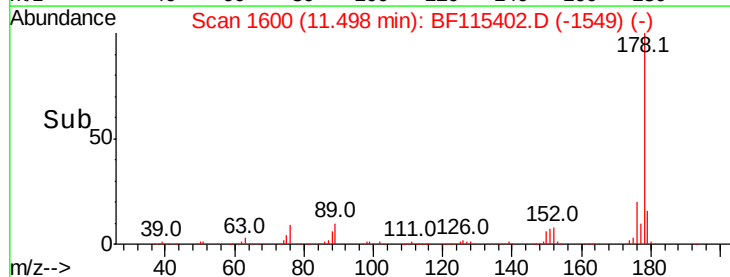
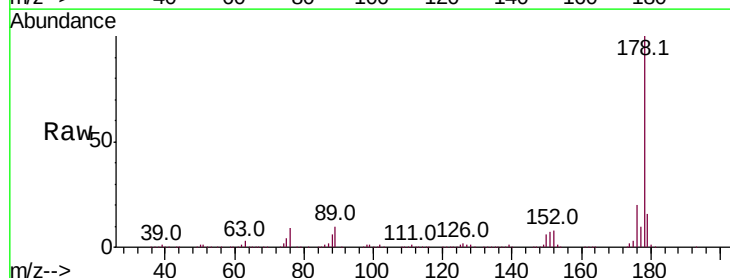
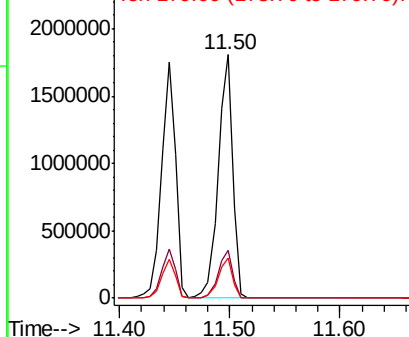
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

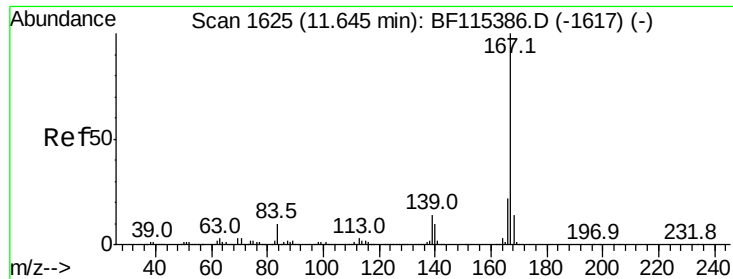


#72
Anthracene
Concen: 45.618 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:178 Resp: 1645052
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.3 13.2 19.8

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





#73
 Carbazole
 Concen: 43.868 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

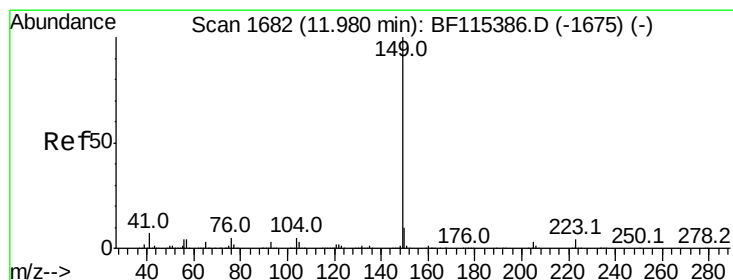
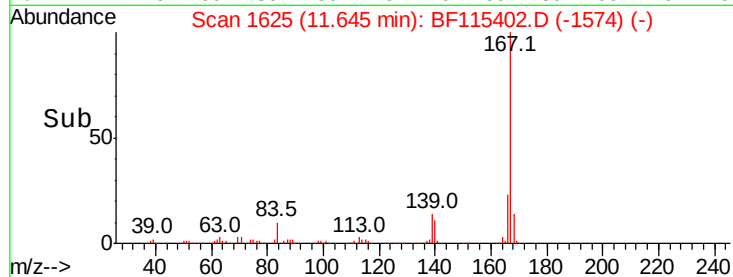
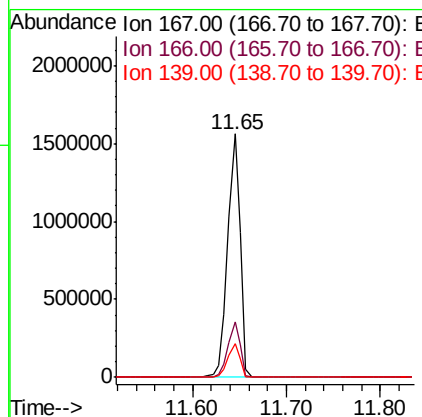
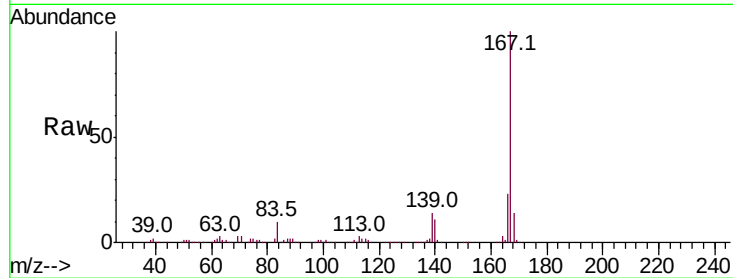
Instrument :
 BNA_F
 ClientSampleId :
 PB121089BS

Tot Ion:167 Resp: 1447220

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	14.0	11.2	16.8

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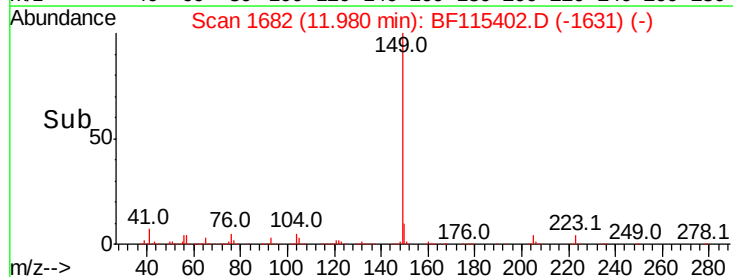
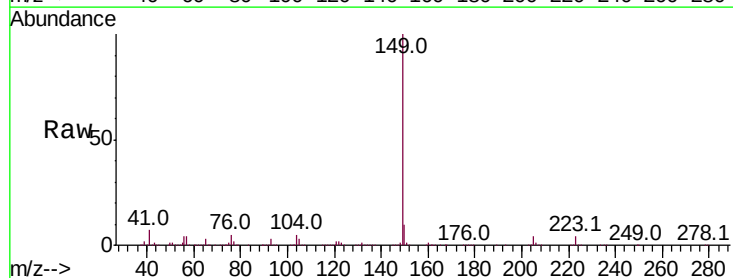
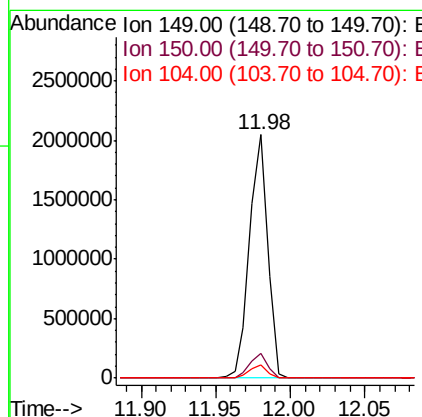
mohammad
 7/10/2019 9:04:18 AM

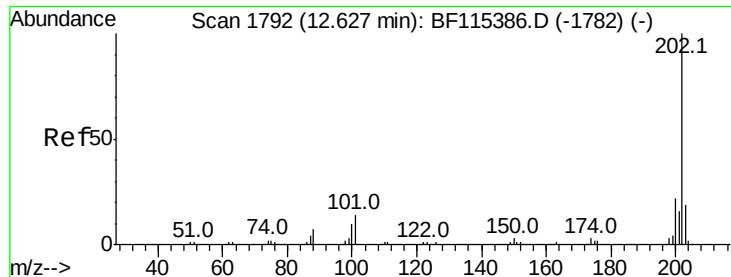


#74
 Di-n-butylphthalate
 Concen: 43.547 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:149 Resp: 1736274

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.4	4.4	6.6





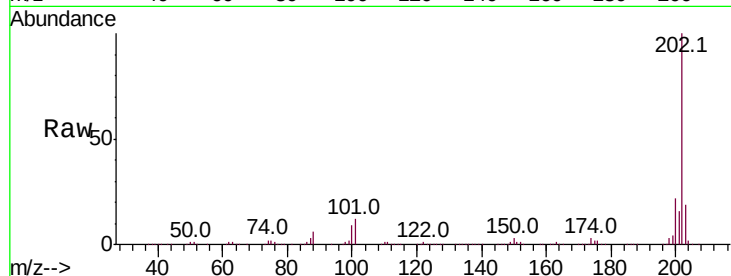
#75
Fluoranthene
Concen: 43.782 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

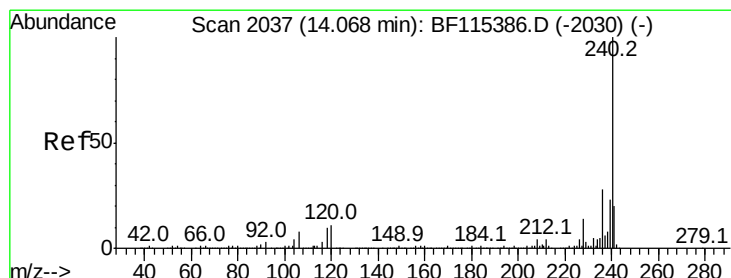
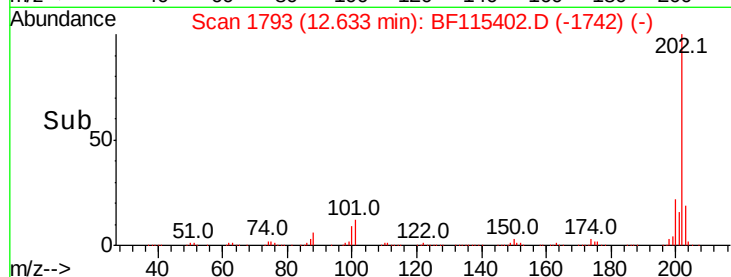
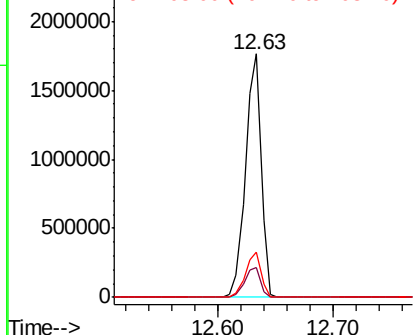
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.3
203	18.7	0.0	38.9

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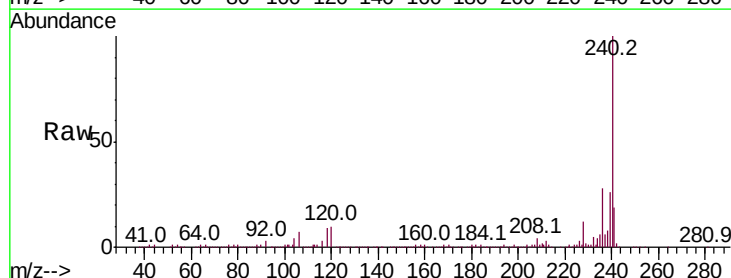


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

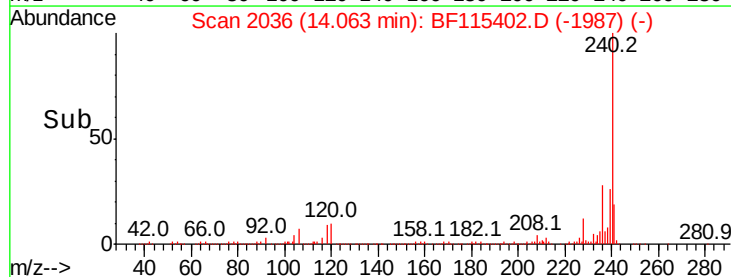
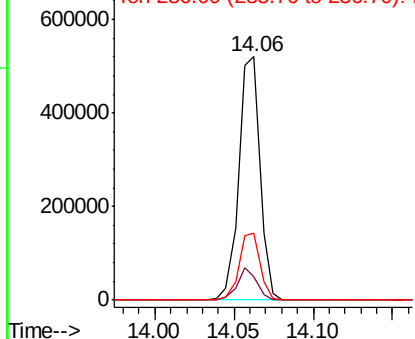


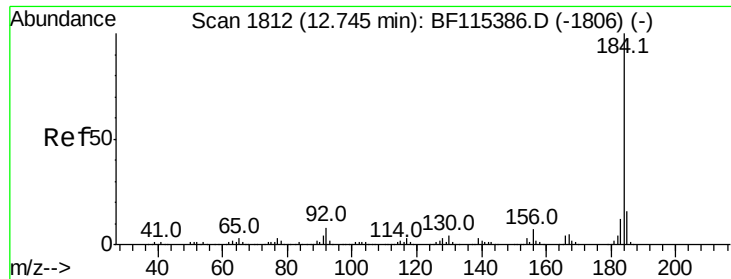
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.5	15.7#
236	27.7	21.1	31.7



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: 43.346 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

PB121089BS

Tot Ion:184 Resp: 816994

Ion Ratio Lower Upper

184 100

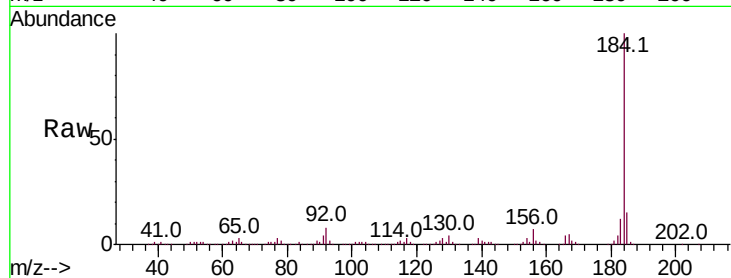
185 15.1 12.5 18.7

183 11.7 9.5 14.3

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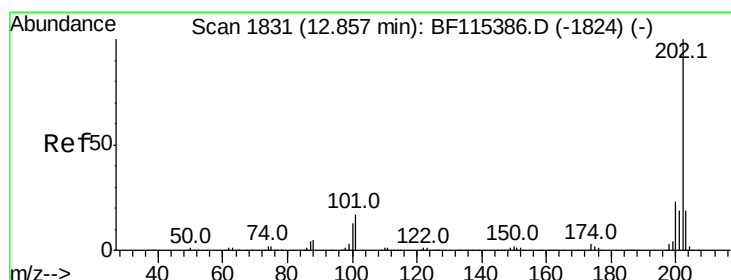
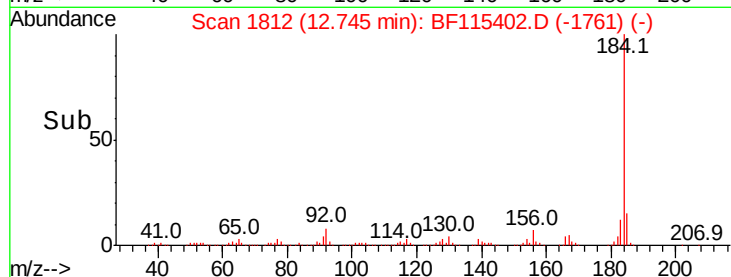
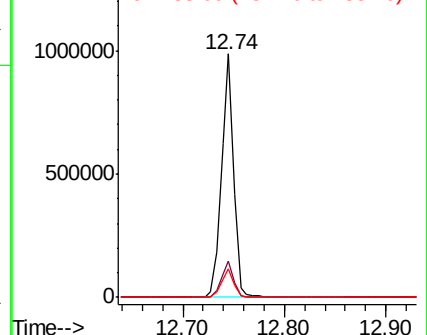
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.903 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

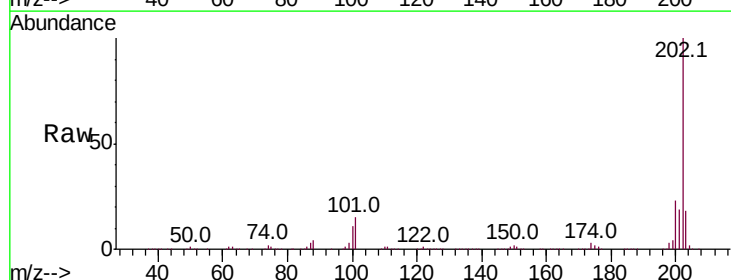
Tgt Ion:202 Resp: 1687739

Ion Ratio Lower Upper

202 100

200 22.8 18.5 27.7

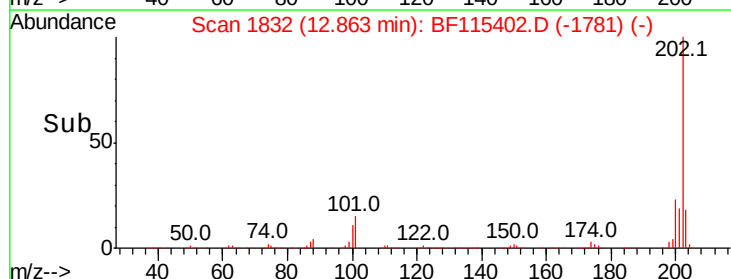
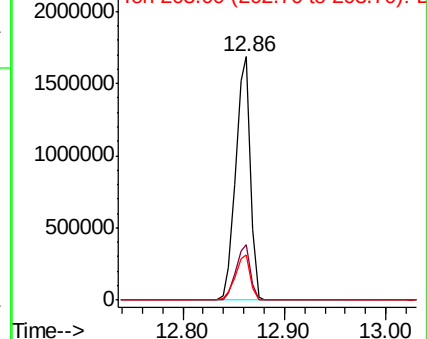
203 18.4 15.1 22.7

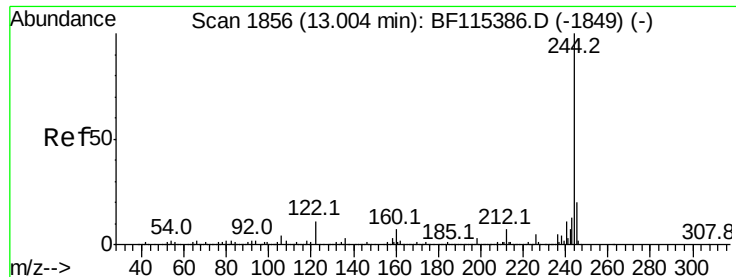


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





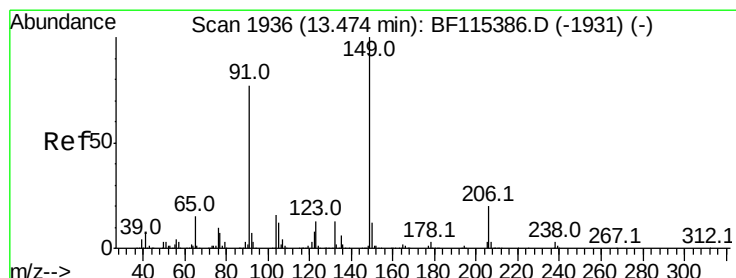
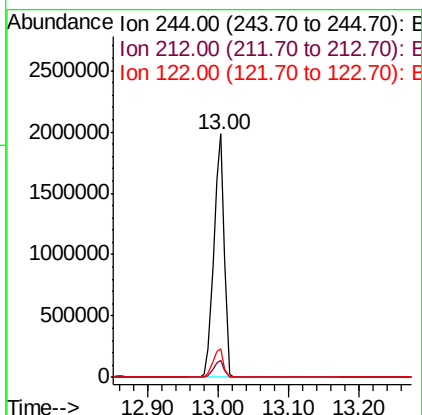
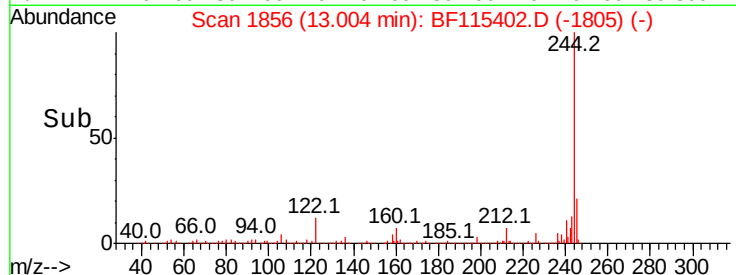
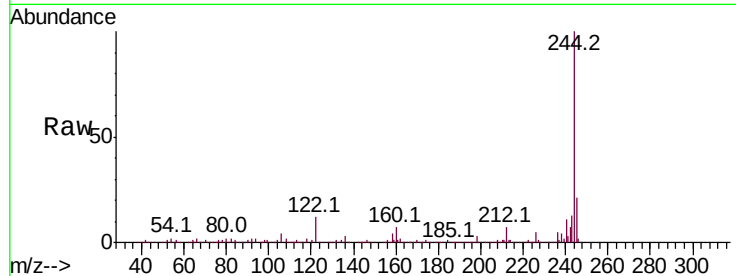
#79
Terphenyl-d14
Concen: 86.303 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.9	9.7	14.5

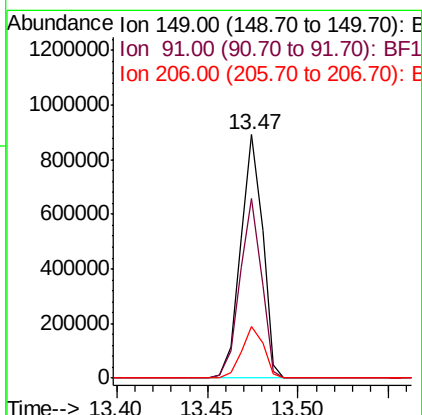
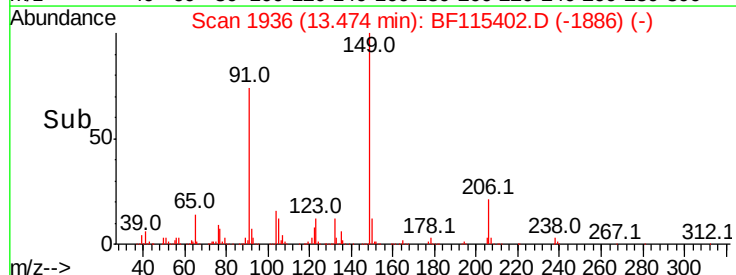
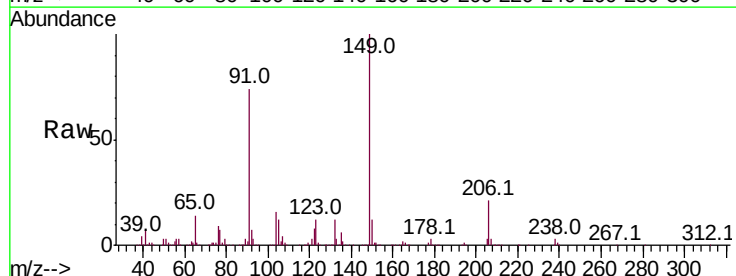
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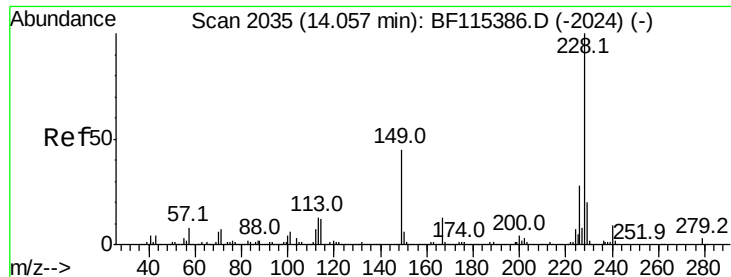
mohammad
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#80
Butylbenzylphthalate
Concen: 45.624 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	58.1	87.1
206	21.2	17.4	26.0





#81

Benzo(a)anthracene

Concen: 44.825 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

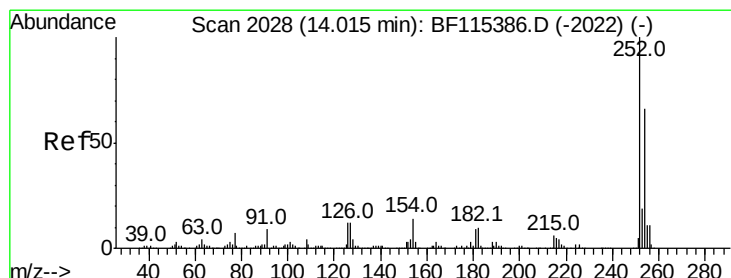
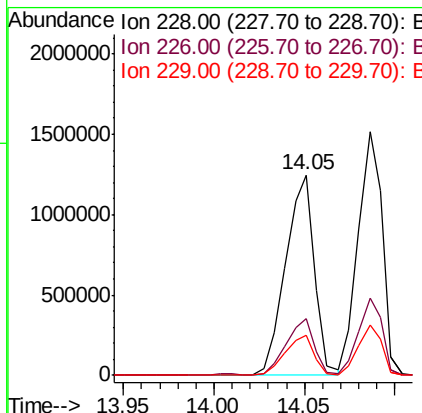
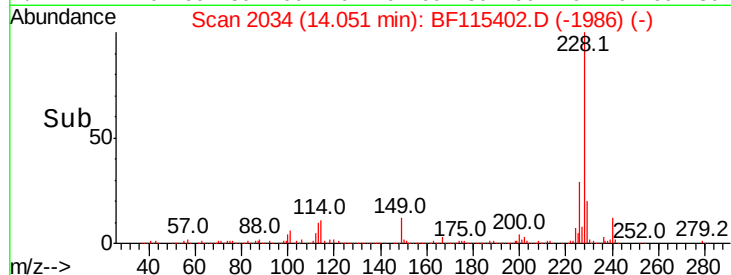
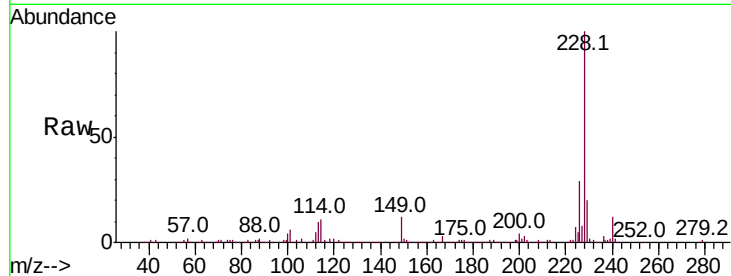
ClientSampleId :

PB121089BS

Tot Ion:	228	Resp:	1388179
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	20.1	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 36.299 ng

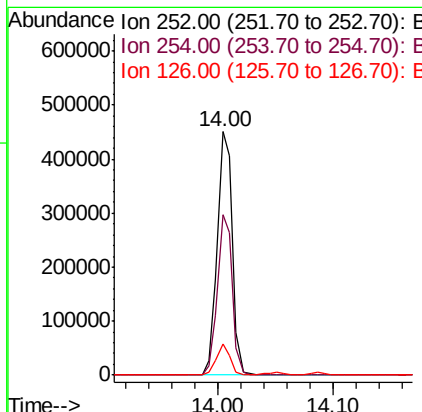
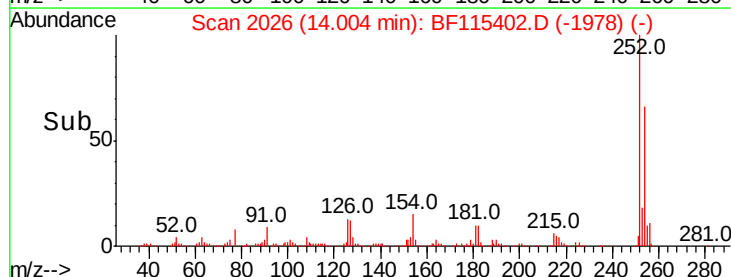
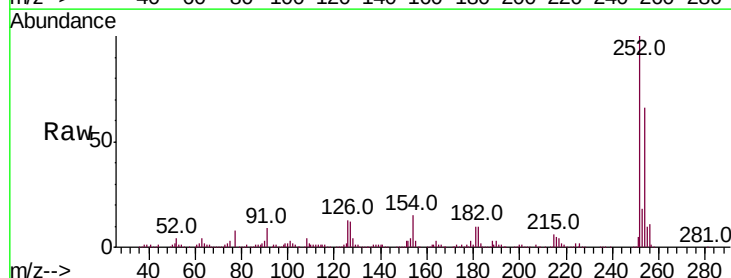
RT: 14.00 min Scan# 2026

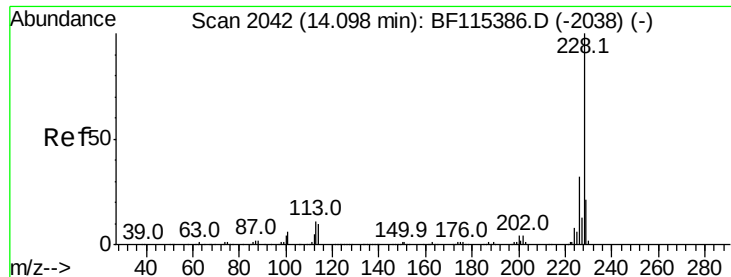
Delta R.T. -0.02 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Tgt Ion:	252	Resp:	407900
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.2	78.4
126	12.9	10.7	16.1





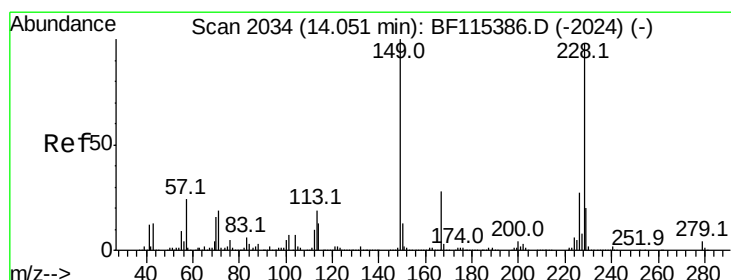
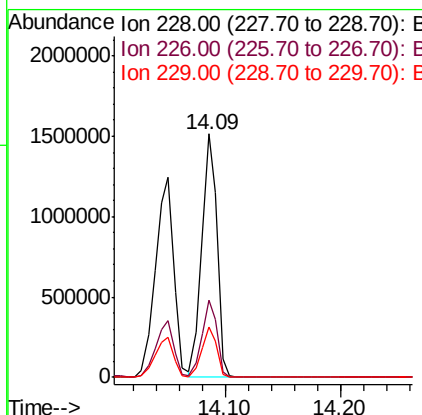
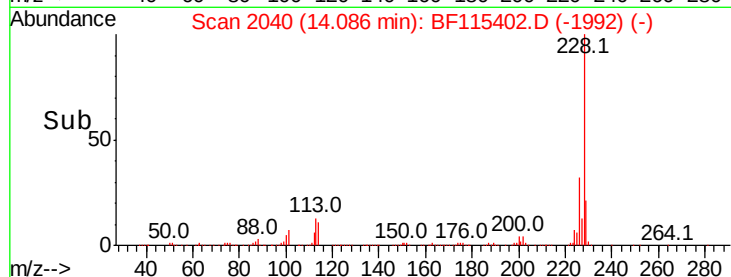
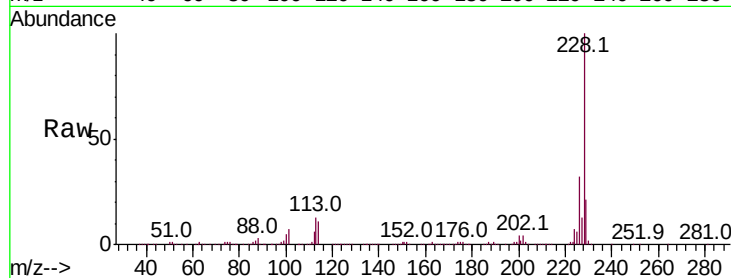
#83
 Chrysene
 Concen: 44.281 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB121089BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	20.7	16.6	24.8

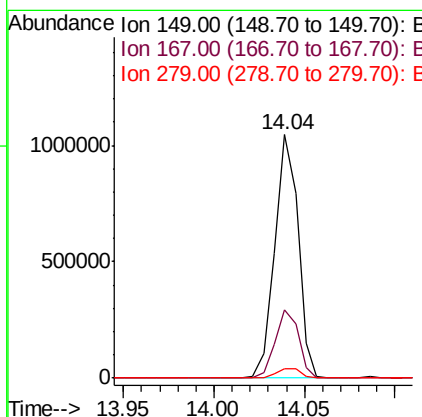
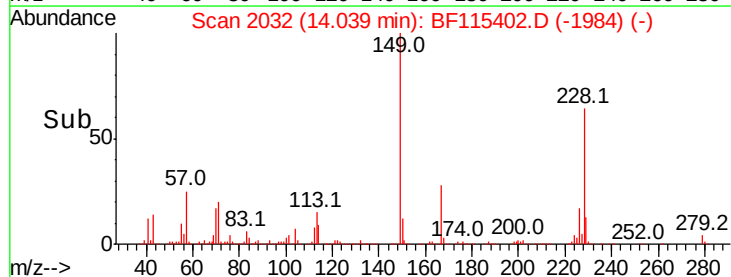
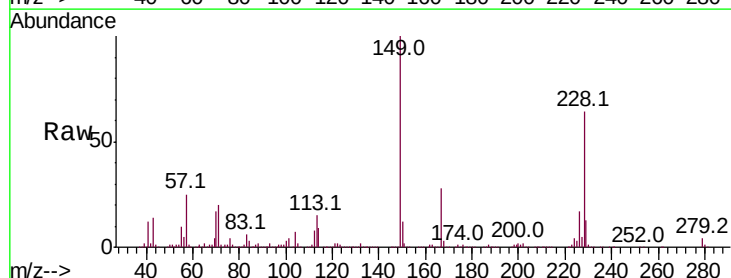
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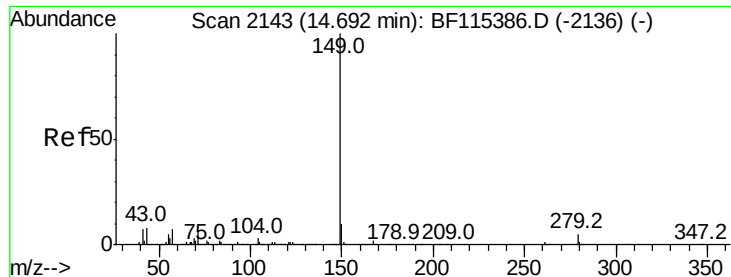
mohammad
 7/10/2019 9:04:18 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.064 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	33.8
279	4.0	3.6	5.4





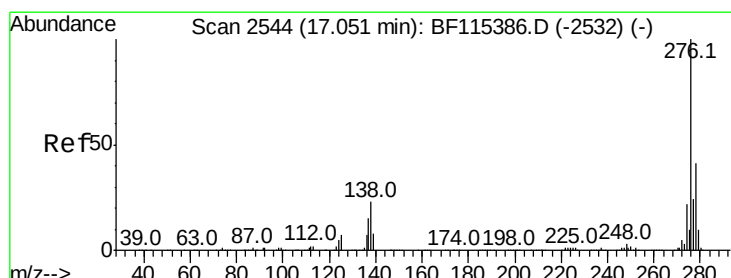
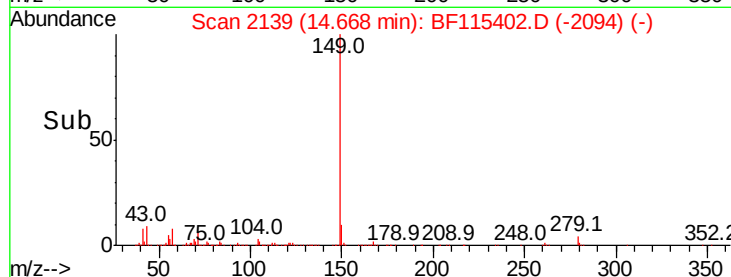
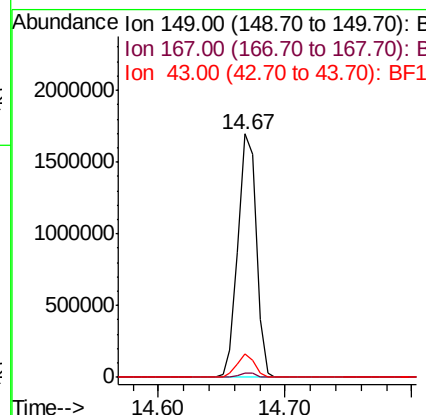
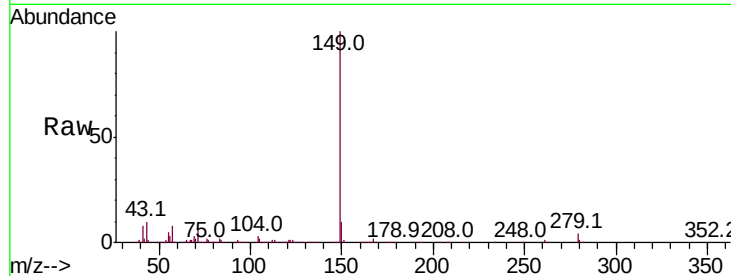
#85
Di-n-octyl phthalate
Concen: 46.603 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.4	11.0

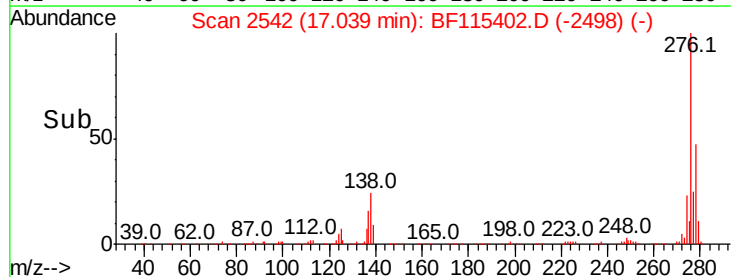
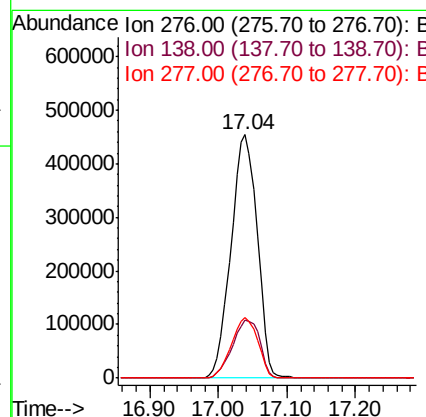
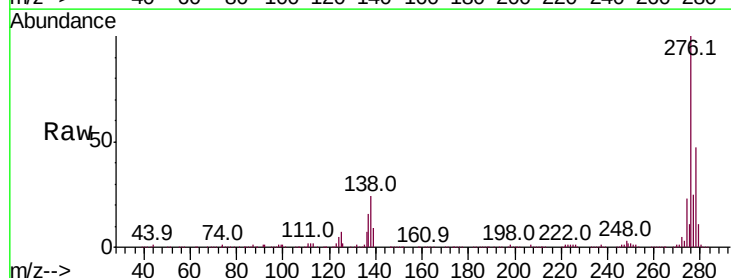
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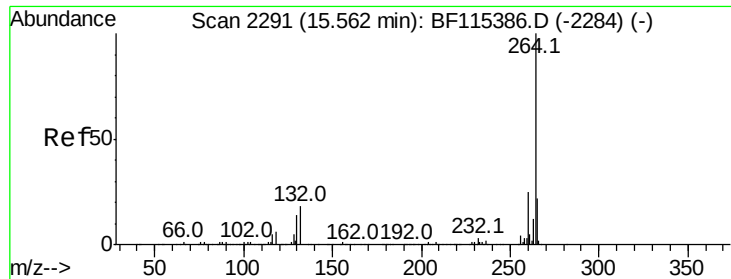
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.514 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.4	30.6
277	25.1	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.04 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

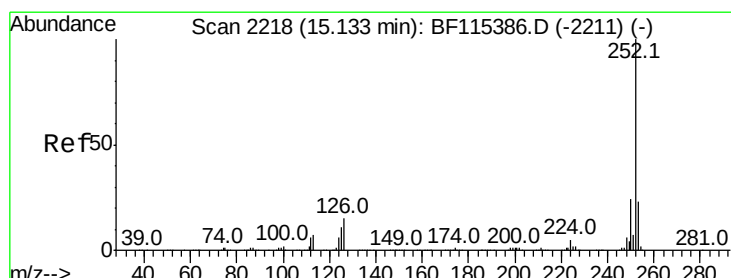
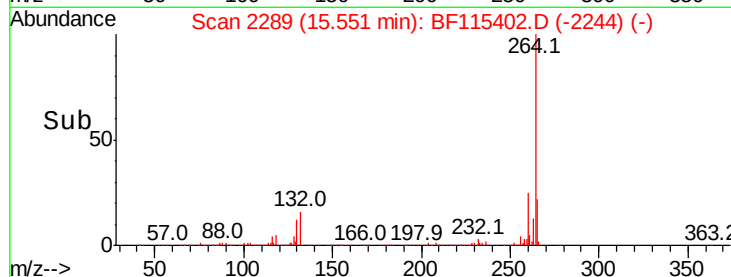
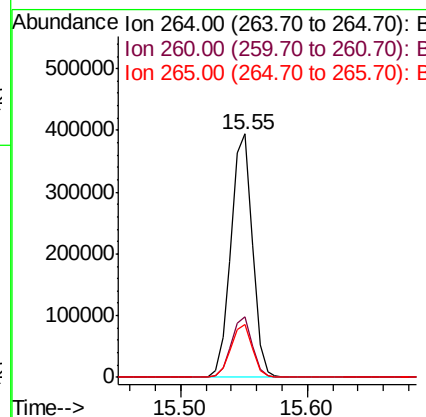
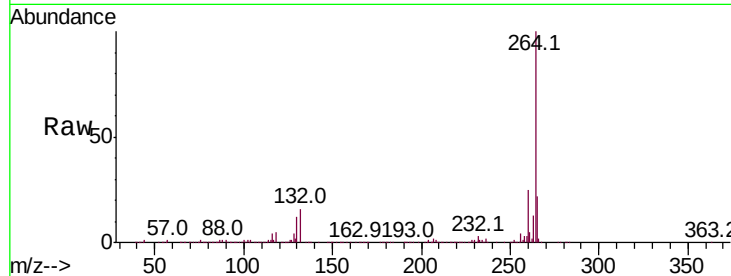
ClientSampleId :

PB121089BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.7	20.3	30.5		
265	21.7	17.6	26.4		

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.368 ng

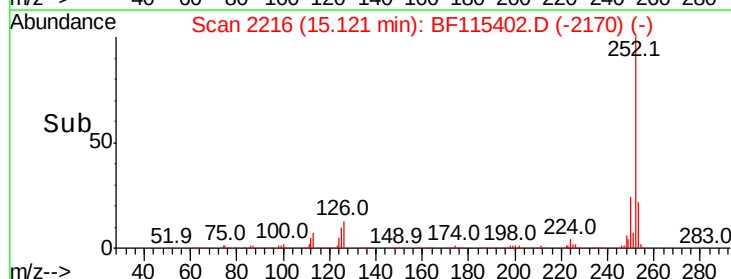
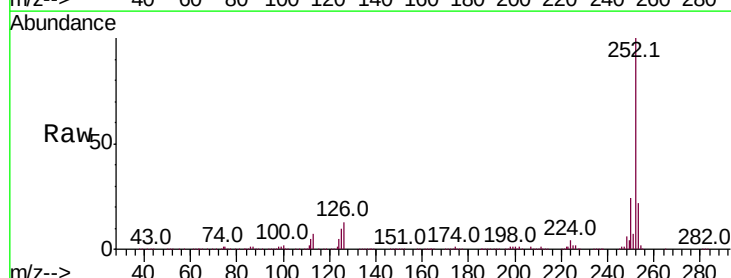
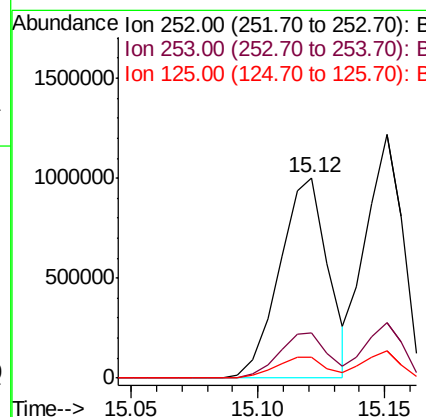
RT: 15.12 min Scan# 2216

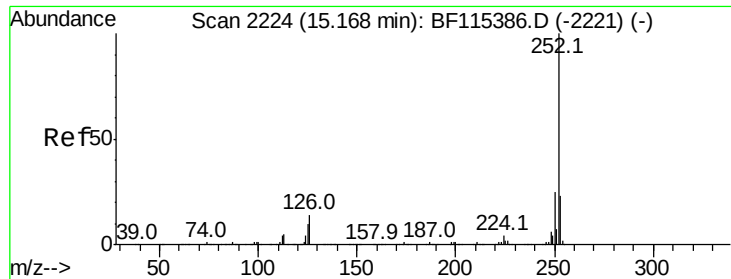
Delta R.T. -0.03 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.4	18.4	27.6		
125	10.4	9.0	13.4		





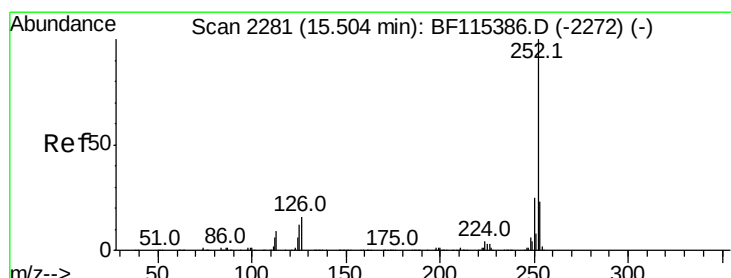
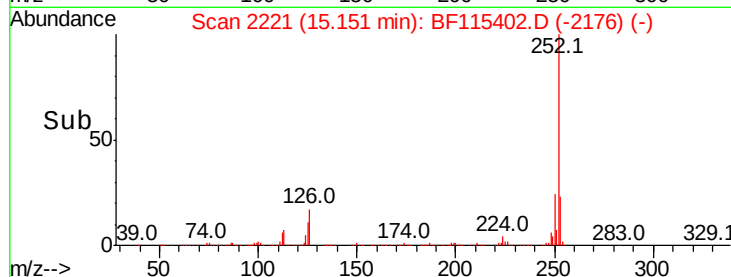
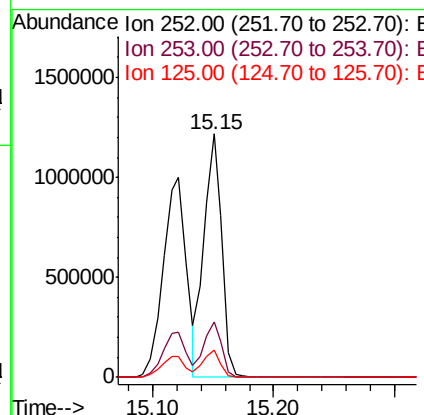
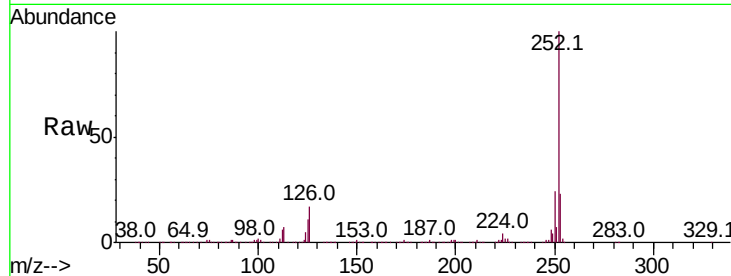
#89
Benzo(k)fluoranthene
Concen: 46.423 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion:252 Resp: 1240423
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.3 8.2 12.4

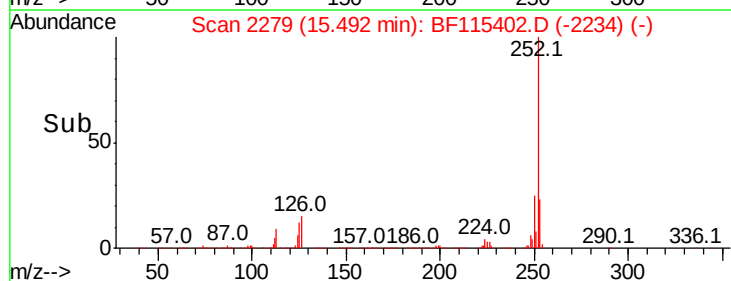
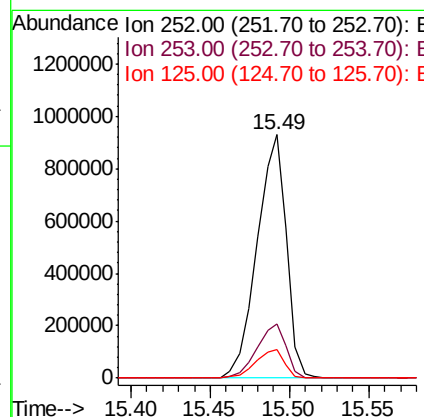
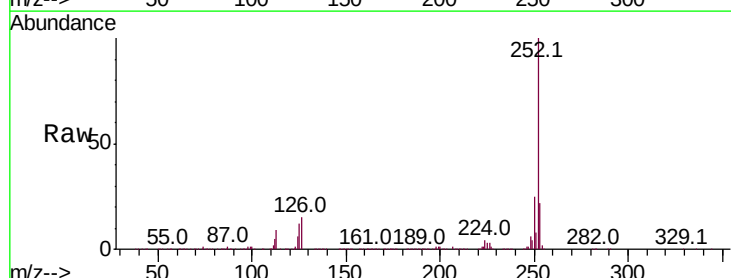
Manual Integrations
APPROVED

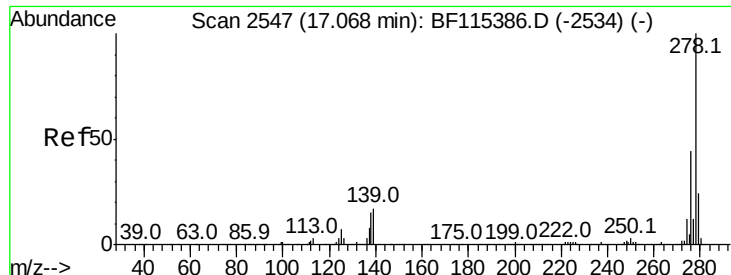
mohammad
7/10/2019 9:04:18 AM



#90
Benzo(a)pyrene
Concen: 46.251 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:252 Resp: 1198543
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.6 9.0 13.4





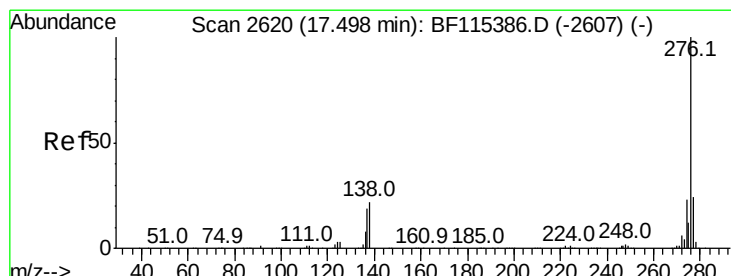
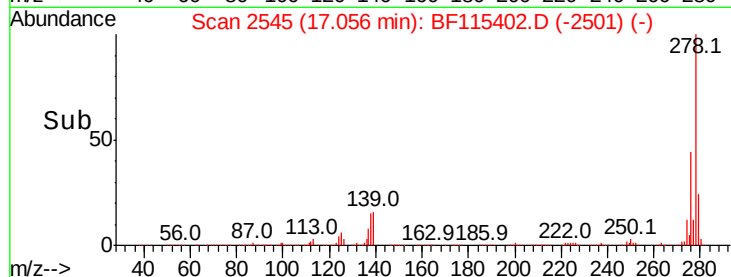
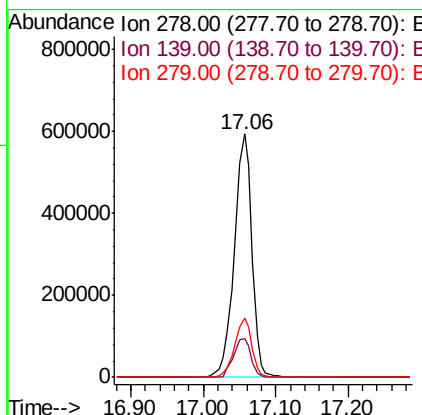
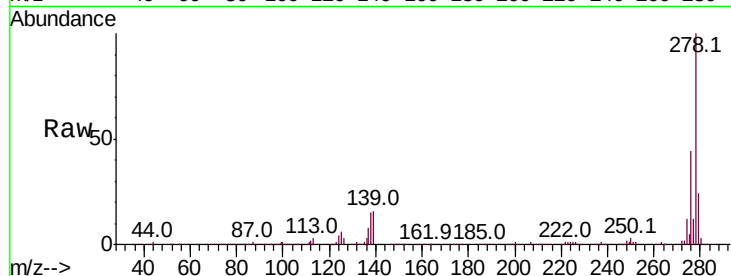
#91
Dibenzo(a,h)anthracene
Concen: 45.569 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.4	20.2
279	24.2	20.0	30.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:18 AM



#92
Benzo(g,h,i)perylene
Concen: 46.890 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.05 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	22.9	17.6	26.4

