

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115417.D
 Acq On : 8 Jul 2019 20:46
 Operator : HP/JU
 Sample : K3622-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:35 AM

Quant Time: Jul 09 07:29:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190111	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	792771	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	424163	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	839776	20.00	ng	0.00
76) Chrysene-d12	14.05	240	595067	20.00	ng	-0.02
87) Perylene-d12	15.52	264	569909	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1336022	108.58	ng	0.02
7) Phenol-d6	6.53	99	1685466	107.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	1221833	91.06	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	615055	131.15	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2225012	92.05	ng	0.00
79) Terphenyl-d14	13.00	244	2547219	87.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	197619	32.743	ng	# 85
3) Pyridine	3.59	79	480175	28.772	ng	97
4) n-Nitrosodimethylamine	3.52	42	236983	35.017	ng	95
6) Aniline	6.56	93	239585	10.849	ng	100
8) 2-Chlorophenol	6.69	128	547325	39.393	ng	96
9) Benzaldehyde	6.45	77	280587	29.383	ng	98
10) Phenol	6.54	94	610378	32.599	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	541132	38.958	ng	99
12) 1,3-Dichlorobenzene	6.84	146	516950	33.961	ng	98
13) 1,4-Dichlorobenzene	6.92	146	531936	34.887	ng	98
14) 1,2-Dichlorobenzene	7.07	146	500615	35.463	ng	99
15) Benzyl Alcohol	7.03	79	518250	41.270	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	737733	37.985	ng	99
17) 2-Methylphenol	7.15	107	476316	40.017	ng	100
18) Hexachloroethane	7.41	117	194333	34.213	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	418554	39.534	ng	98
20) 3+4-Methylphenols	7.30	107	570670	40.588	ng	# 90
22) Acetophenone	7.30	105	784587	41.302	ng	# 99
24) Nitrobenzene	7.47	77	625193	41.257	ng	96
25) Isophorone	7.72	82	1196085	41.126	ng	99
26) 2-Nitrophenol	7.79	139	301771	48.439	ng	97
27) 2,4-Dimethylphenol	7.83	122	553655	46.606	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	730934	40.757	ng	100
29) 2,4-Dichlorophenol	8.03	162	516160	43.624	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	515446	39.131	ng	99
31) Naphthalene	8.20	128	1607897	40.833	ng	100
32) Benzoic acid	7.94	122	279016	34.224	ng	96
33) 4-Chloroaniline	8.24	127	114833	6.536	ng	99
34) Hexachlorobutadiene	8.32	225	284146	38.038	ng	99
35) Caprolactam	8.61	113	146156m	37.927	ng	
36) 4-Chloro-3-methylphenol	8.72	107	564367	45.094	ng	99
37) 2-Methylnaphthalene	8.89	142	1136710	43.188	ng	99
38) 1-Methylnaphthalene	8.99	142	1075332	42.821	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	496880	40.719	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	555681	78.569	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	384774	43.312	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	415891	45.147	ng	99
46) 1,1'-Biphenyl	9.36	154	1417048	42.496	ng	99
47) 2-Chloronaphthalene	9.38	162	1124118	40.789	ng	99
48) 2-Nitroaniline	9.47	65	361208	44.610	ng	97
49) Acenaphthylene	9.80	152	1709965	40.981	ng	99
50) Dimethylphthalate	9.66	163	1380597	43.365	ng	100
51) 2,6-Dinitrotoluene	9.71	165	319770	46.313	ng	97
52) Acenaphthene	9.97	154	1157629	44.082	ng	100
53) 3-Nitroaniline	9.87	138	107224	13.371	ng	96
54) 2,4-Dinitrophenol	9.98	184	202271	69.365	ng	# 70
55) Dibenzofuran	10.14	168	1577748	42.651	ng	100
56) 4-Nitrophenol	10.04	139	521764	84.095	ng	97
57) 2,4-Dinitrotoluene	10.12	165	428583	48.842	ng	95
58) Fluorene	10.48	166	1175907	40.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	356459	44.794	ng	100
60) Diethylphthalate	10.36	149	1370940	43.749	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	607794	42.704	ng	98
62) 4-Nitroaniline	10.50	138	323768	41.131	ng	97
63) Azobenzene	10.63	77	1351913	41.852	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	169021	43.007	ng	84
66) n-Nitrosodiphenylamine	10.59	169	1133762	42.848	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	403398	42.810	ng	97
68) Hexachlorobenzene	11.03	284	443929	41.984	ng	99
69) Atrazine	11.12	200	385973	47.135	ng	99
70) Pentachlorophenol	11.22	266	512252	79.494	ng	100
71) Phenanthrene	11.45	178	1818887	41.183	ng	100
72) Anthracene	11.49	178	1907119	43.061	ng	100
73) Carbazole	11.65	167	1677353	41.399	ng	99
74) Di-n-butylphthalate	11.98	149	2140872	43.721	ng	99
75) Fluoranthene	12.63	202	1931500	41.535	ng	99
77) Benzidine	12.74	184	505392	21.779	ng	98
78) Pyrene	12.86	202	1963180	42.424	ng	100
80) Butylbenzylphthalate	13.47	149	908622	44.940	ng	92
81) Benzo(a)anthracene	14.04	228	1523977	39.970	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	235518	17.023	ng	98
83) Chrysene	14.08	228	1632266	41.665	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	1162477	46.427	ng	99
85) Di-n-octyl phthalate	14.64	149	2101047	47.136	ng	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1455041	45.401	ng	# 100
88) Benzo(b)fluoranthene	15.10	252	1562914	42.120	ng	99
89) Benzo(k)fluoranthene	15.13	252	1437417	43.558	ng	99
90) Benzo(a)pyrene	15.46	252	1408121	43.998	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1214718	44.416	ng	99
92) Benzo(g,h,i)perylene	17.46	276	1198523	46.300	ng	99

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

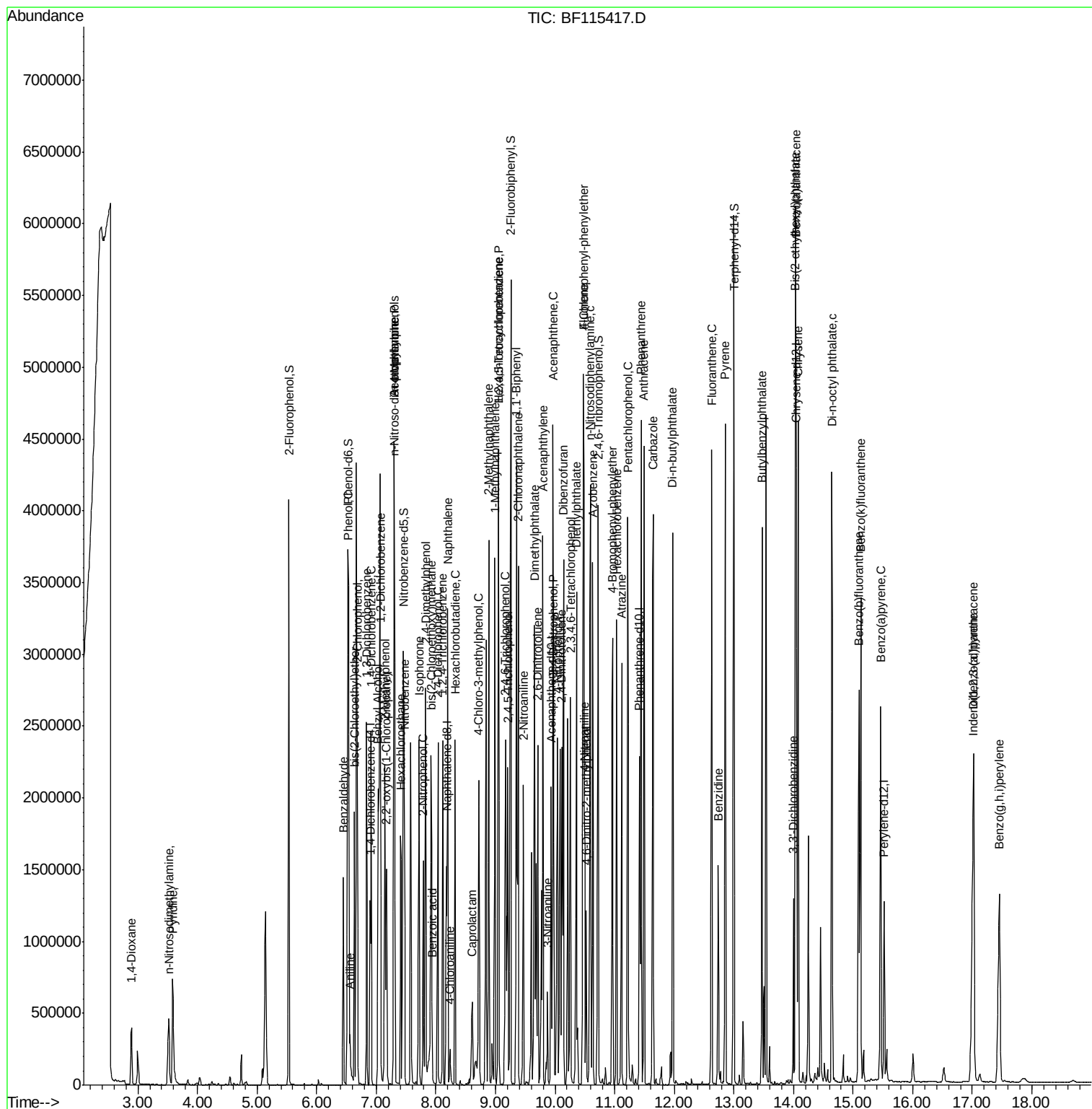
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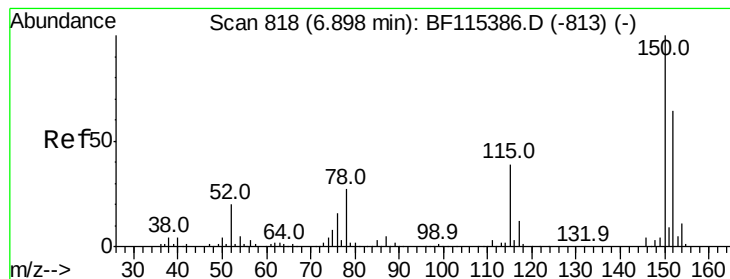
Instrument :
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#1

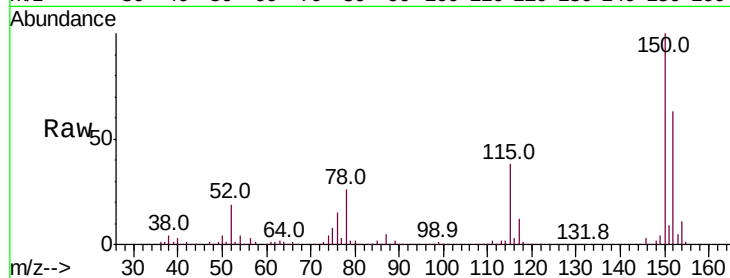
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	60.3	48.1	72.1

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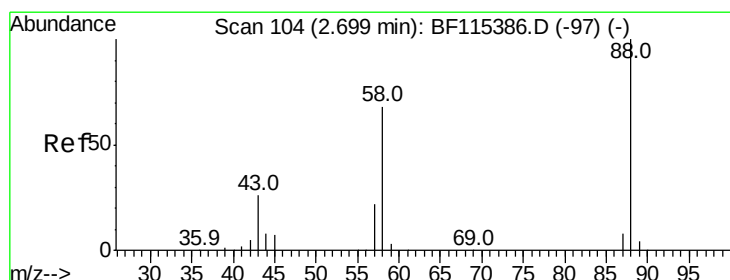
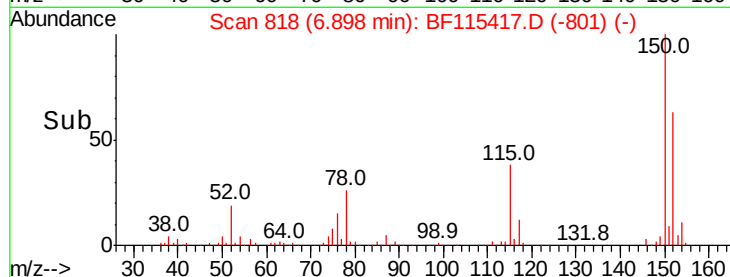
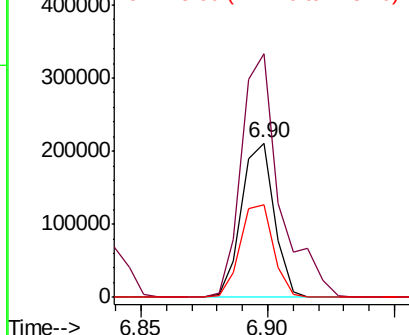


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

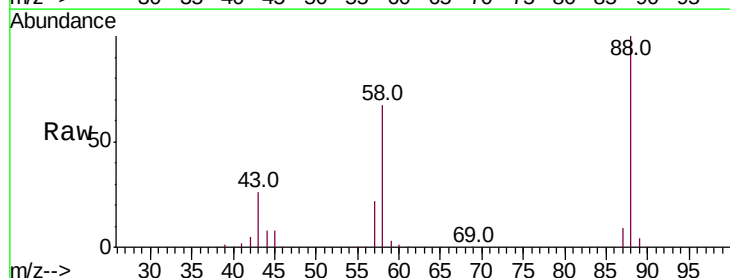
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.743 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.19 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	54.6	82.0
43	0.0	21.4	32.0

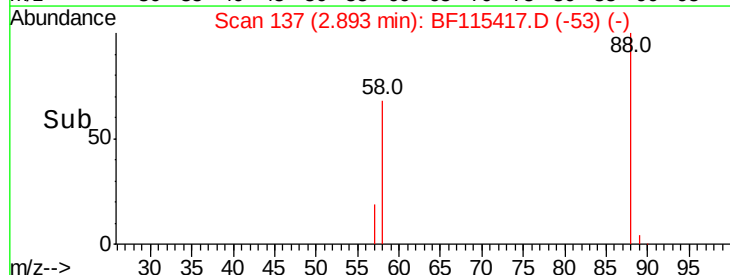
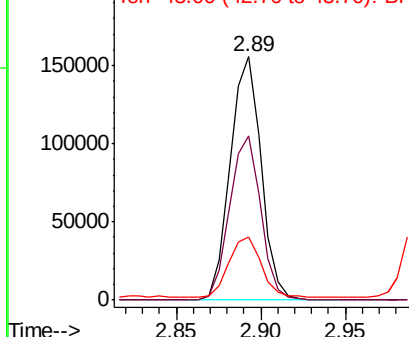


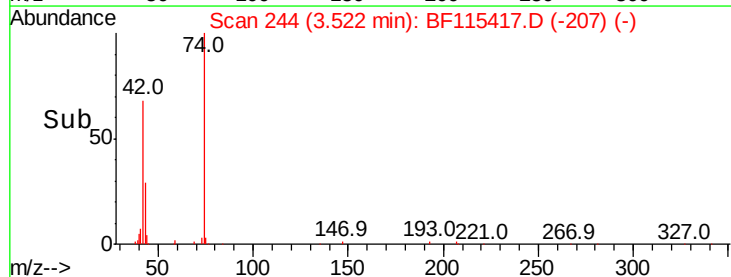
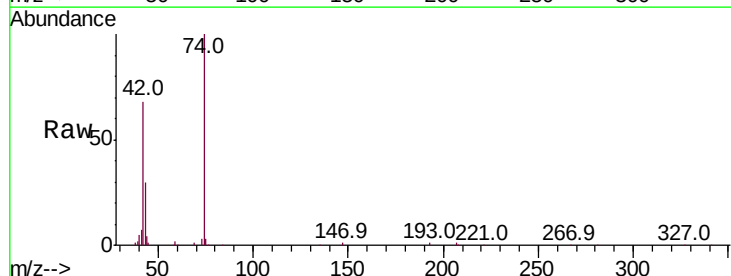
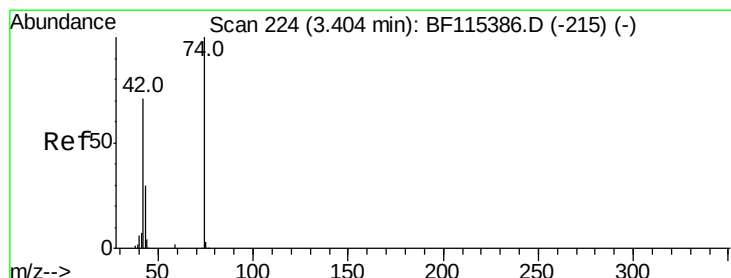
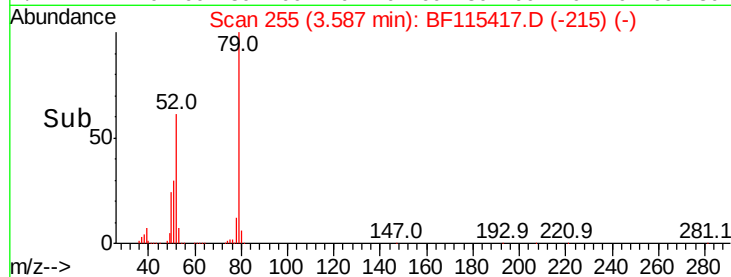
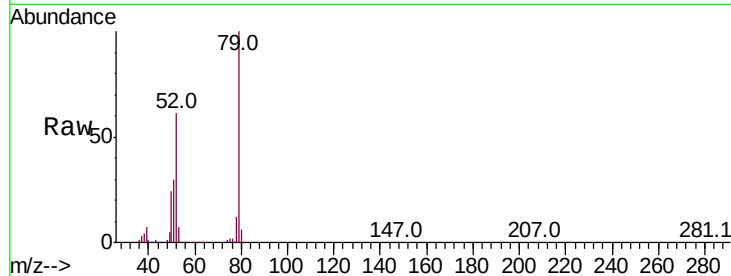
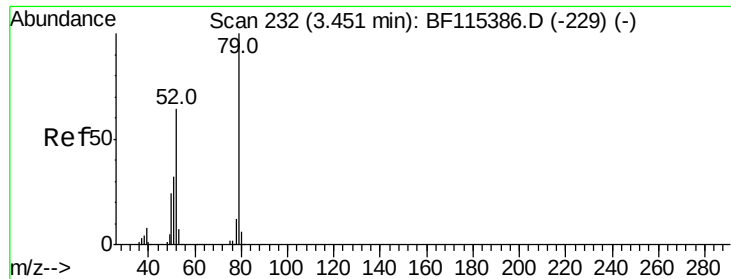
Abundance

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: 28.772 ng

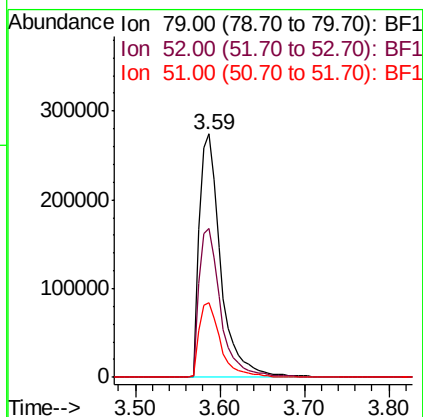
RT: 3.59 min Scan# 255

Delta R.T. 0.14 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.4	50.9	76.3
51	30.5	25.8	38.6



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#4

n-Nitrosodimethylamine

Concen: 35.017 ng

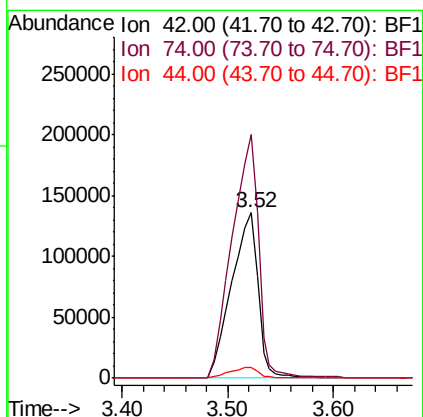
RT: 3.52 min Scan# 244

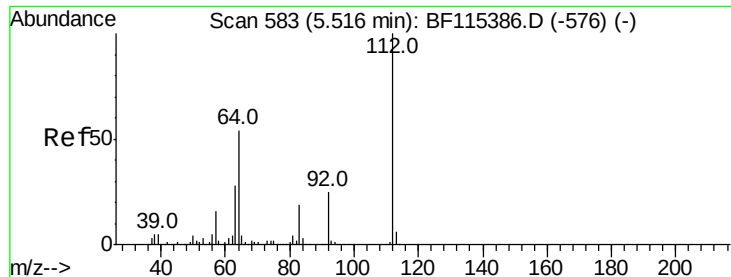
Delta R.T. 0.12 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.6	112.8	169.2
44	6.6	5.4	8.0





#5

2-Fluorophenol

Concen: 108.578 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion:112 Resp: 1336022

Ion Ratio Lower Upper

112 100

64 58.9 43.0 64.6

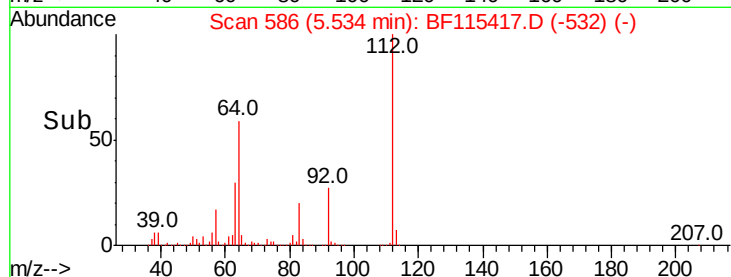
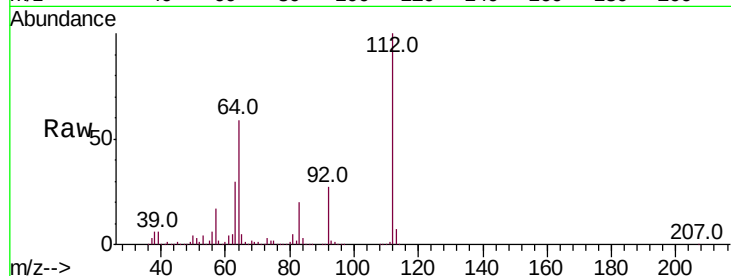
63 30.1 22.2 33.2

Manual Integrations

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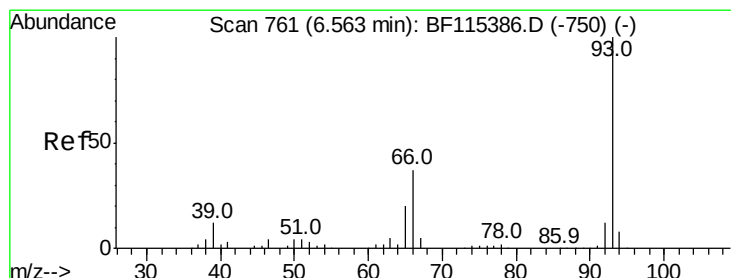
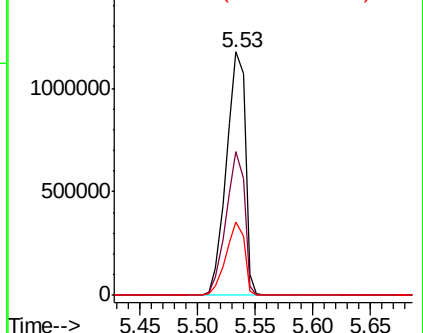
7/10/2019 9:04:35 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.849 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

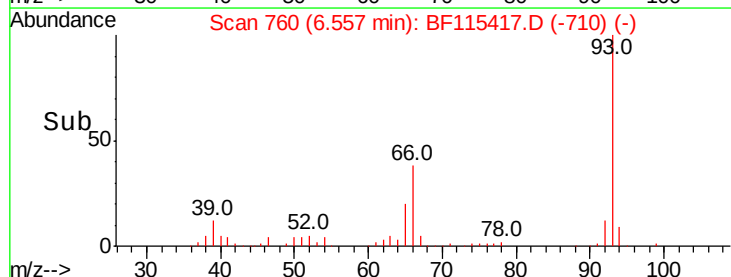
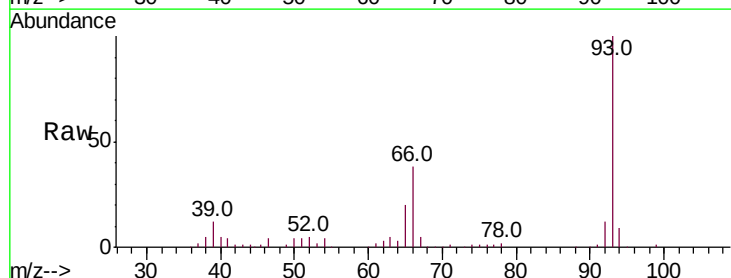
Tgt Ion: 93 Resp: 239585

Ion Ratio Lower Upper

93 100

66 38.2 30.8 46.2

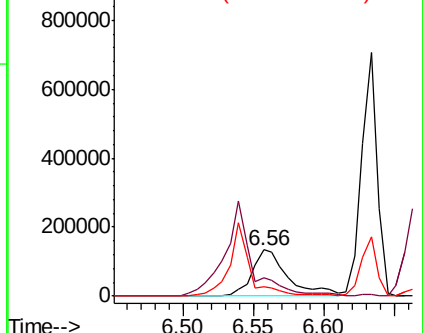
65 19.8 16.0 24.0

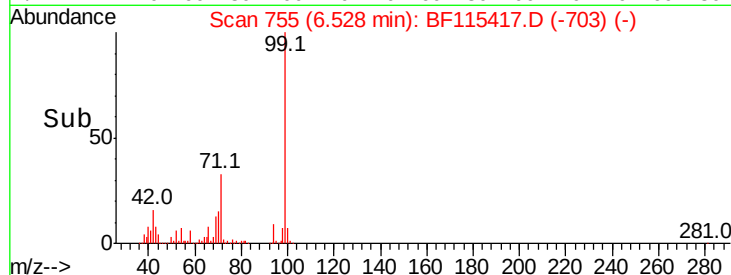
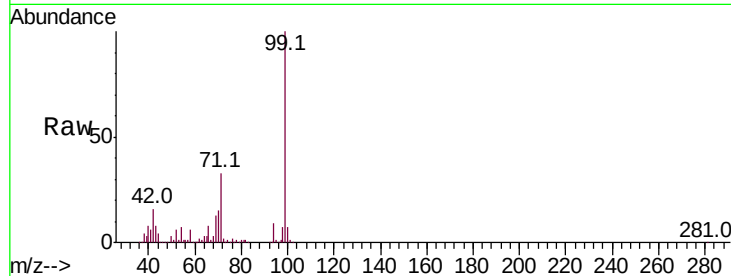
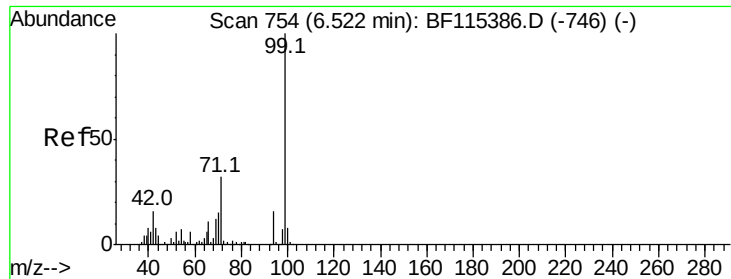


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.704 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tot Ion: 99 Resp: 1685466

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 33.5 25.9 38.9

Instrument :

BNA_F

ClientSampleId :

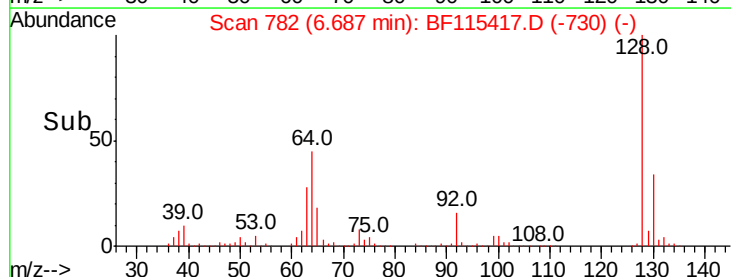
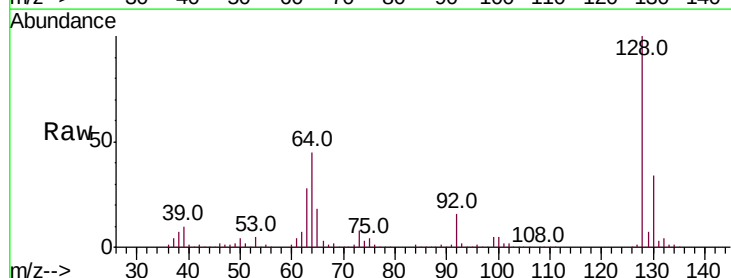
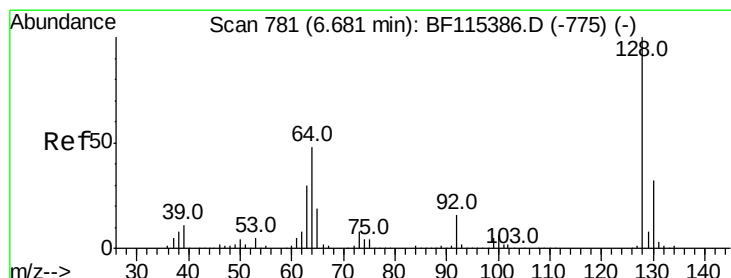
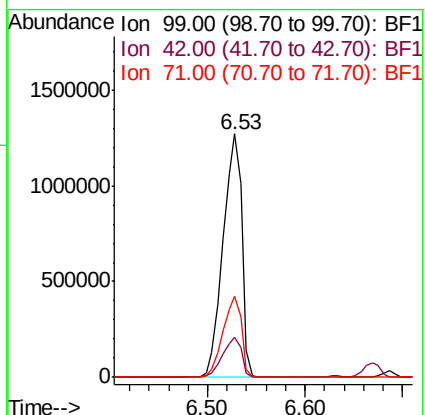
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#8

2-Chlorophenol

Concen: 39.393 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

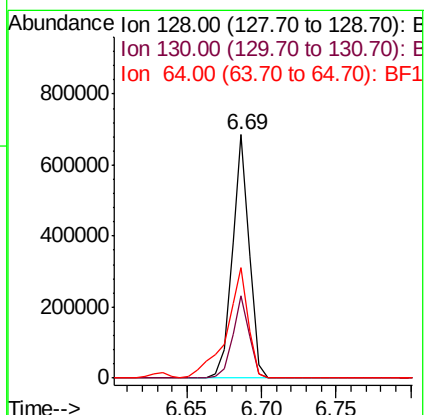
Tgt Ion:128 Resp: 547325

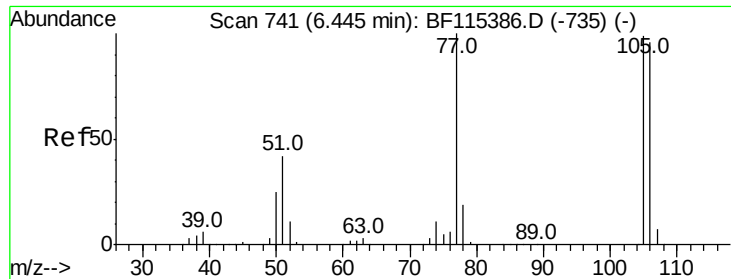
Ion Ratio Lower Upper

128 100

130 33.8 12.4 52.4

64 45.4 28.8 68.8





#9

Benzaldehyde

Concen: 29.383 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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BNA_F

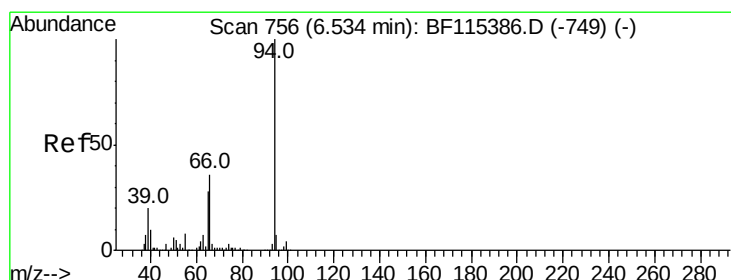
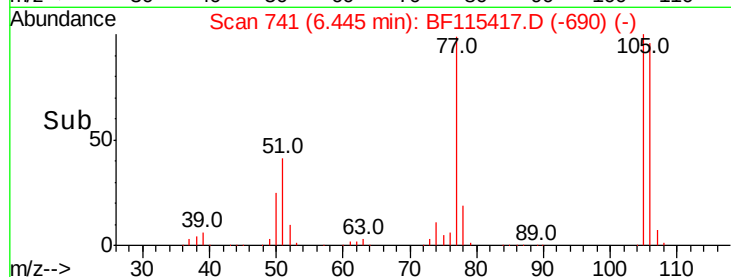
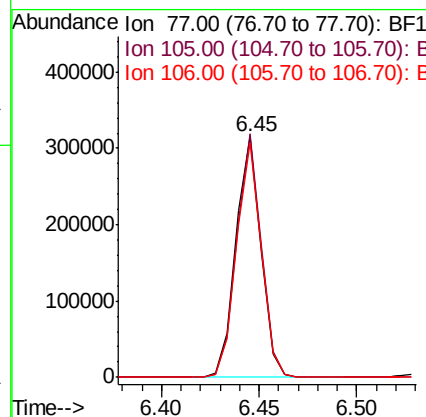
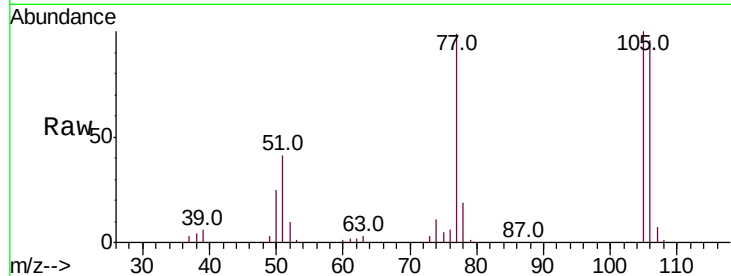
ClientSampleId :

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Tot Ion:	77	Resp:	280587
Ion Ratio	Lower	Upper	
77	100		
105	101.2	79.0	119.0
106	97.4	75.7	115.7

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#10

Phenol

Concen: 32.599 ng

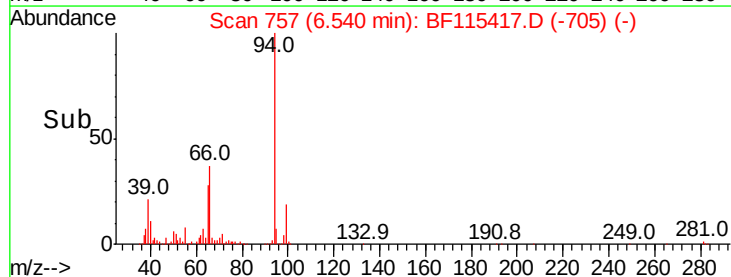
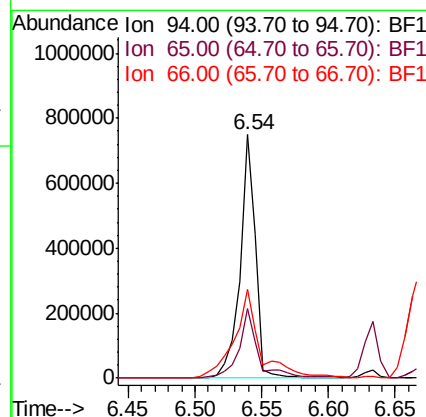
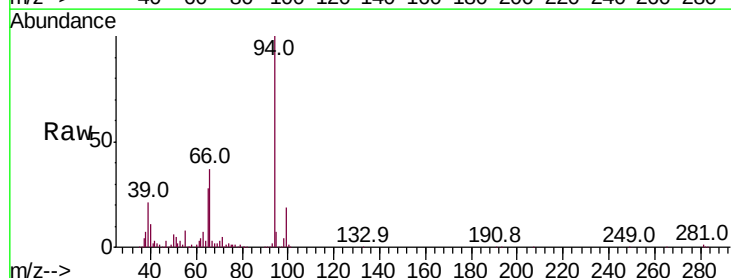
RT: 6.54 min Scan# 757

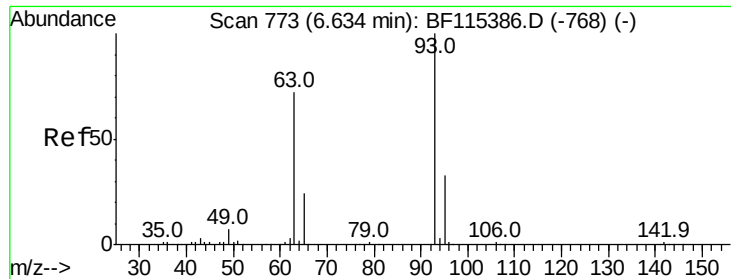
Delta R.T. 0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tgt Ion:	94	Resp:	610378
Ion Ratio	Lower	Upper	
94	100		
65	28.4	8.0	48.0
66	36.7	16.2	56.2





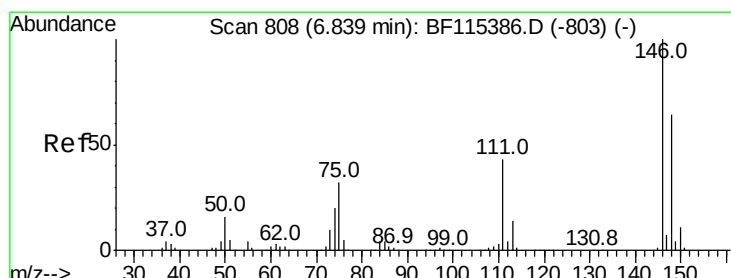
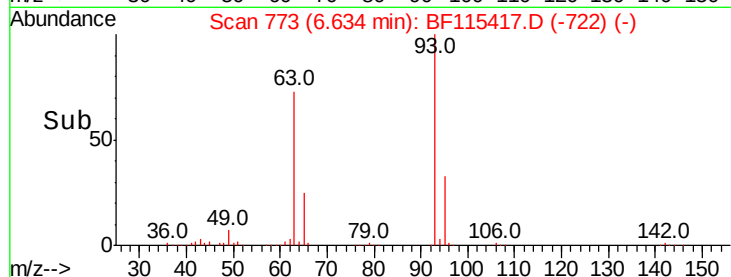
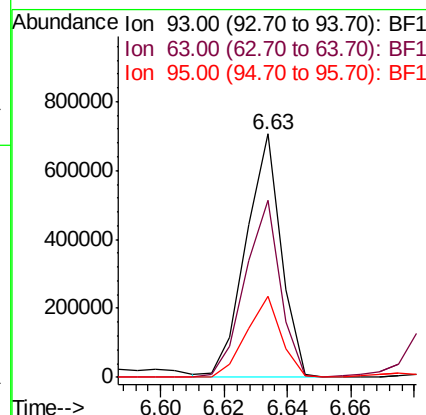
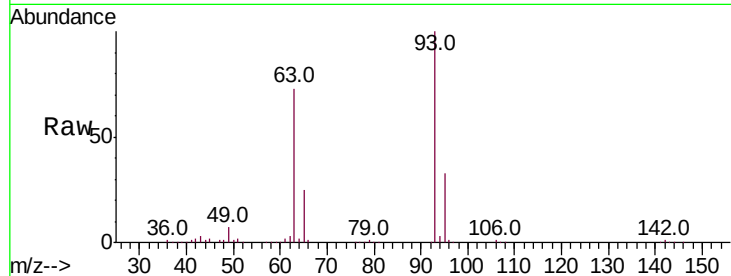
#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	51.5	91.5
95	33.1	12.9	52.9

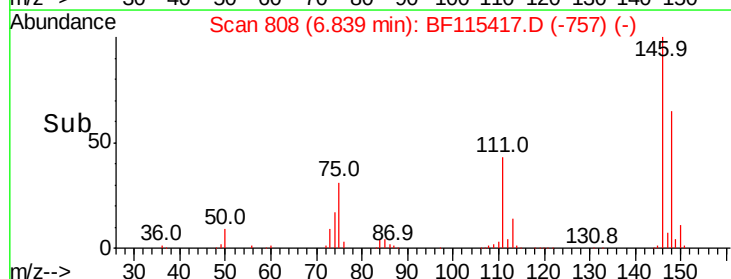
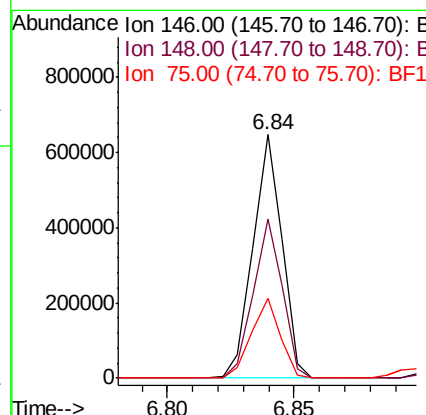
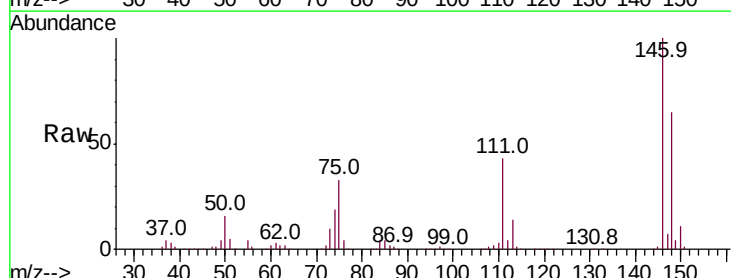
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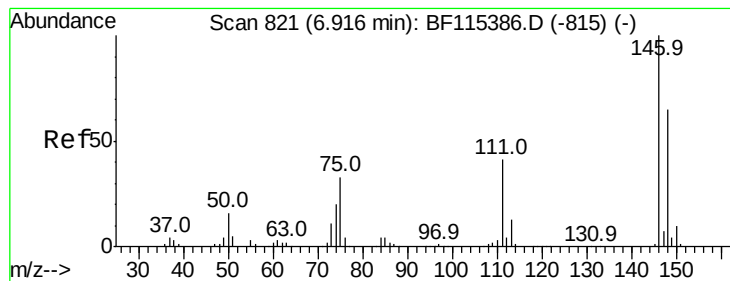
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.961 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
75	32.8	25.9	38.9





#13

1,4-Dichlorobenzene

Concen: 34.887 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

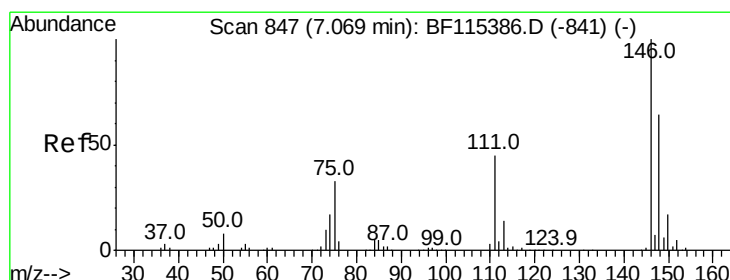
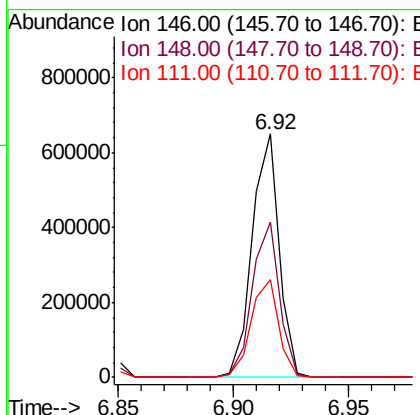
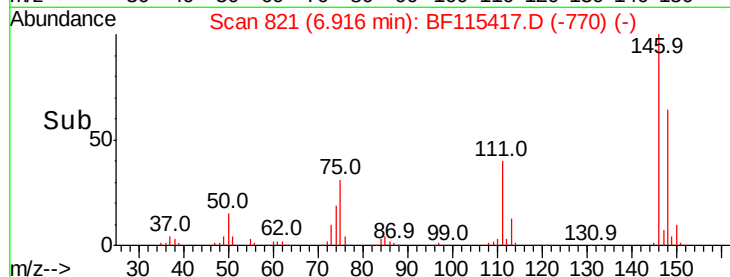
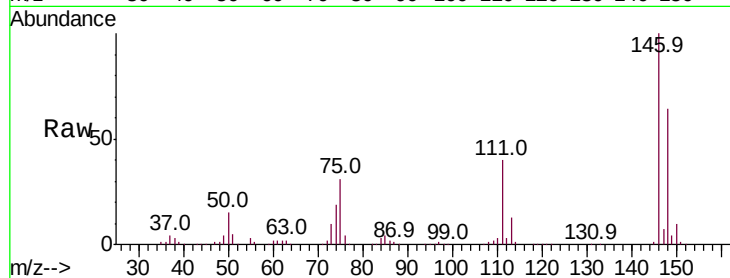
ClientSampleId :

OR-02-070319-AMSD

Tot Ion:	146	Resp:	531936
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	40.3	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 35.463 ng

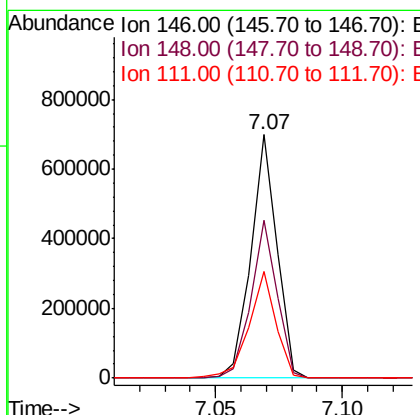
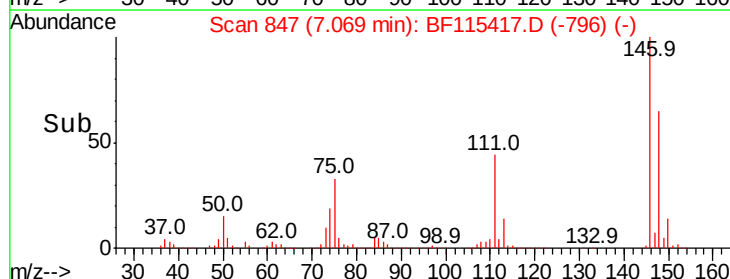
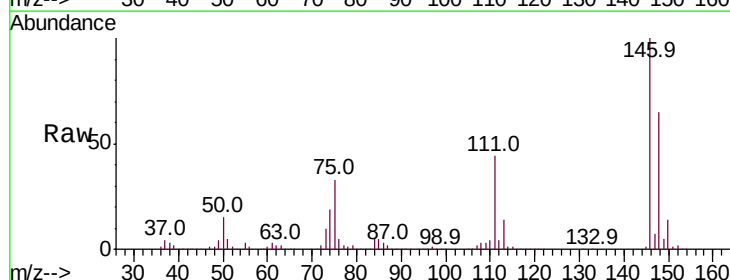
RT: 7.07 min Scan# 847

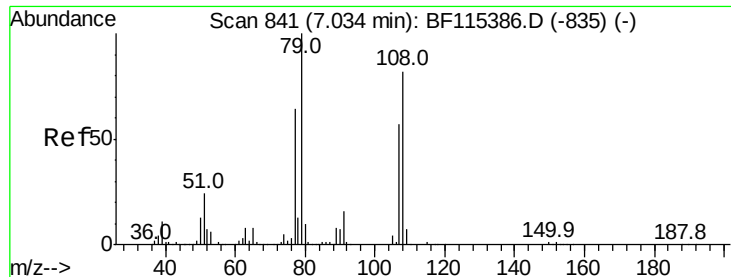
Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tgt Ion:	146	Resp:	500615
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
111	43.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 41.270 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

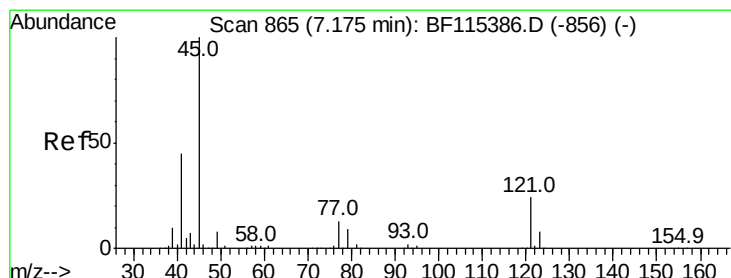
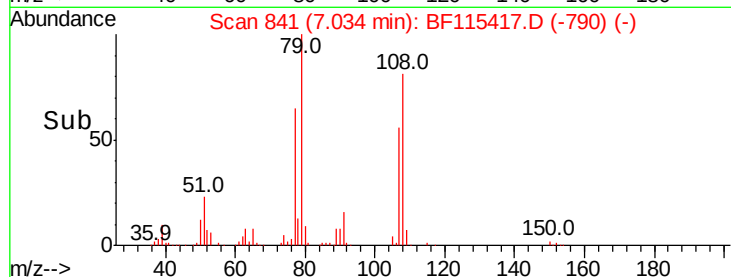
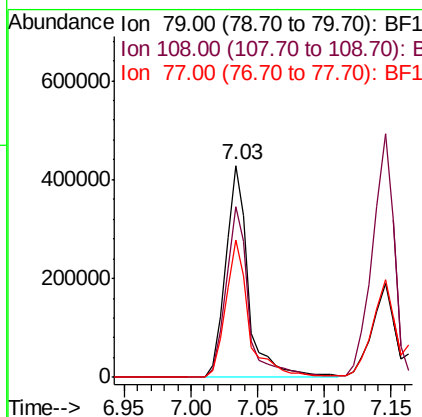
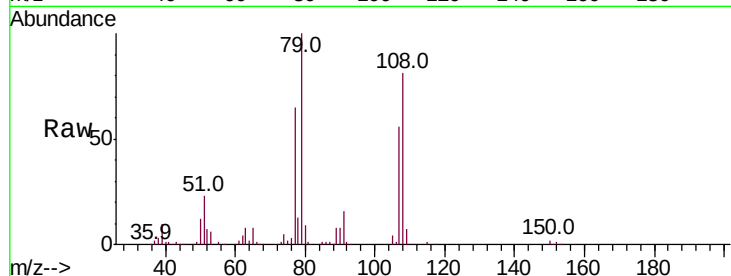
ClientSampleId :

OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.4	98.2
77	64.6	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.985 ng

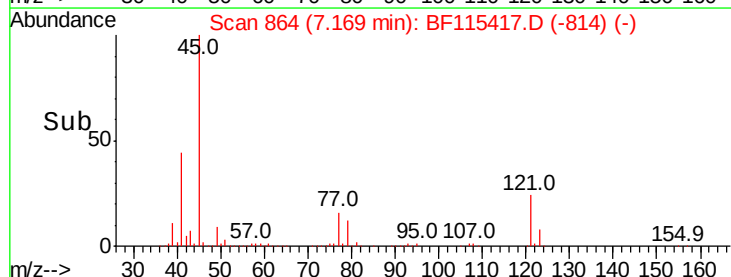
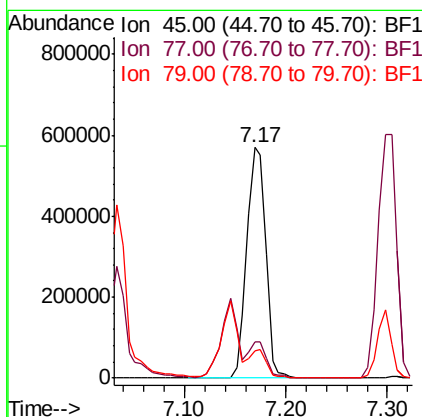
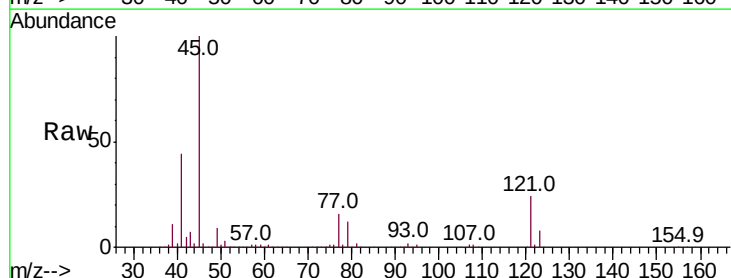
RT: 7.17 min Scan# 864

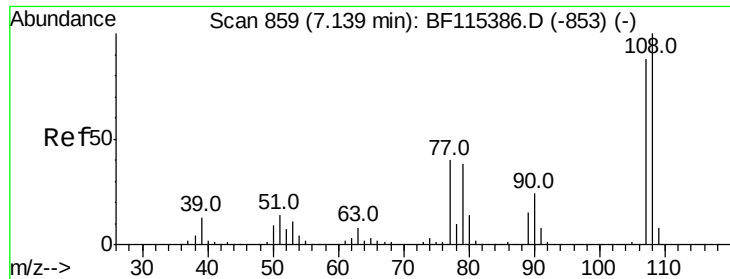
Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	36.0
79	12.1	0.0	32.0





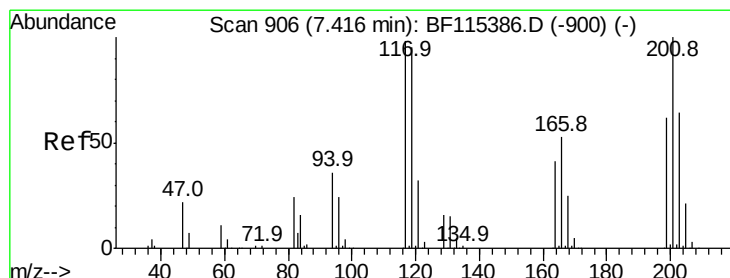
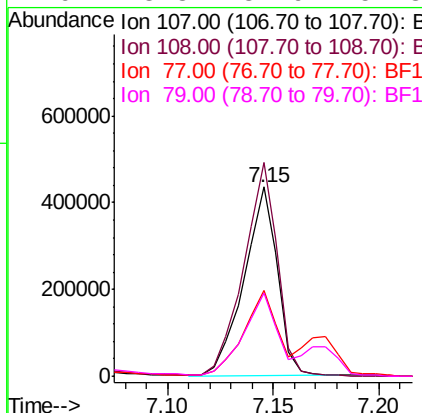
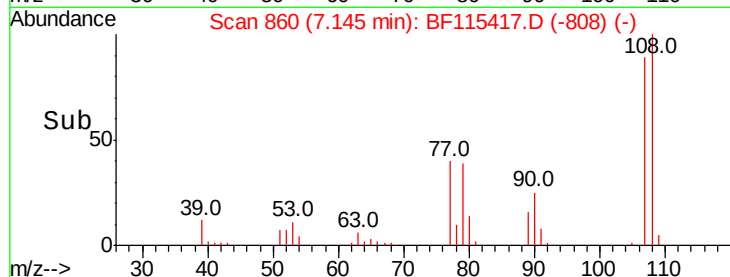
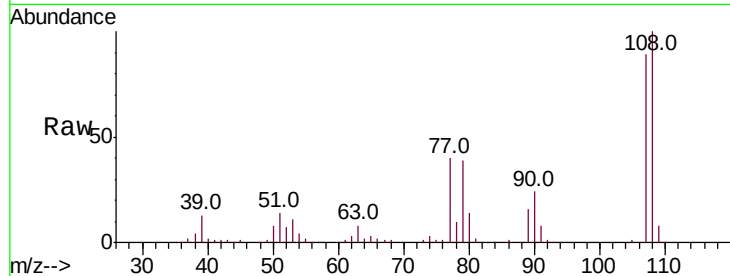
#17
2-Methylphenol
Concen: 40.017 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.7	136.1	
77	45.2	36.3	54.5	
79	43.8	34.9	52.3	

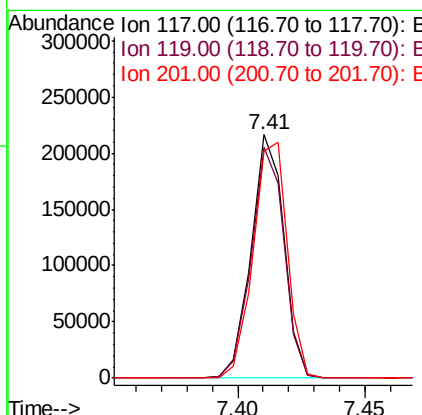
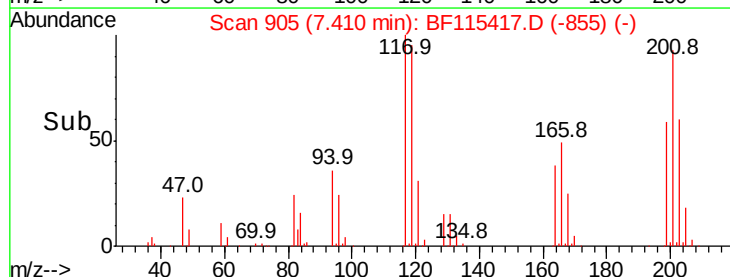
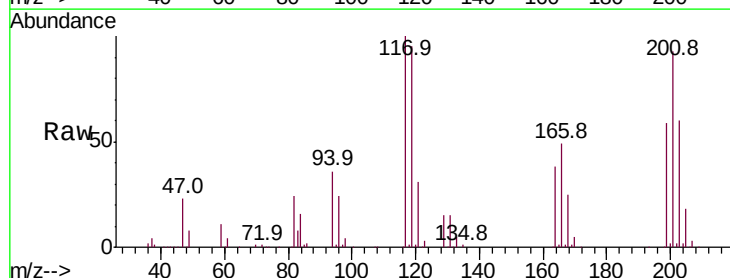
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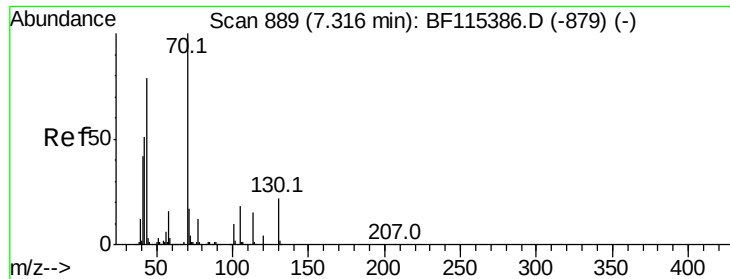
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#18
Hexachloroethane
Concen: 34.213 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.1	115.7	
201	93.1	81.3	121.9	





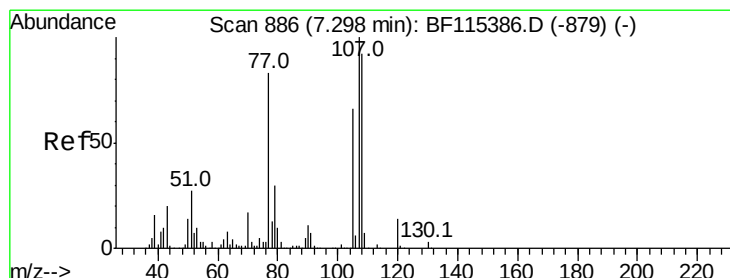
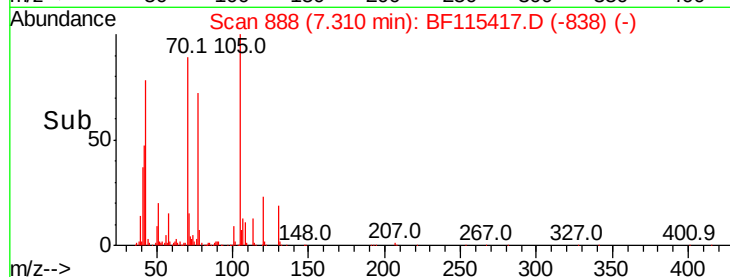
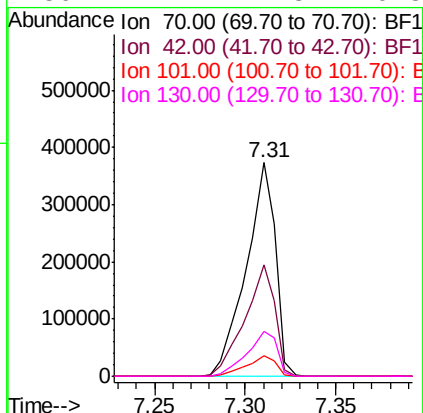
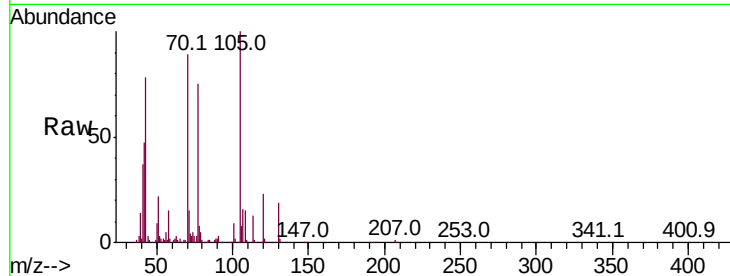
#19
n-Nitroso-di-n-propylamine
Concen: 39.534 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.4	41.1	61.7		
101	9.8	8.0	12.0		
130	21.1	17.8	26.8		

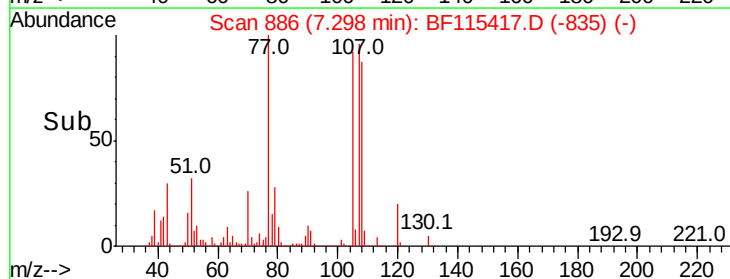
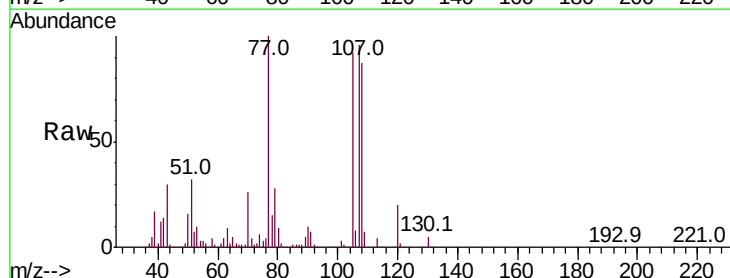
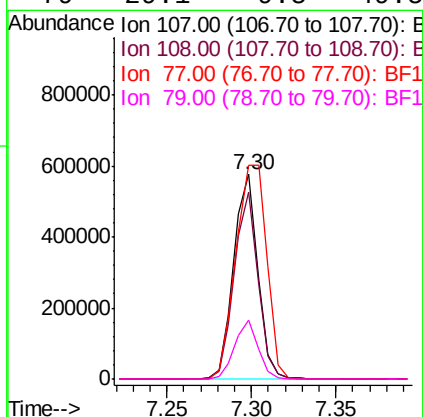
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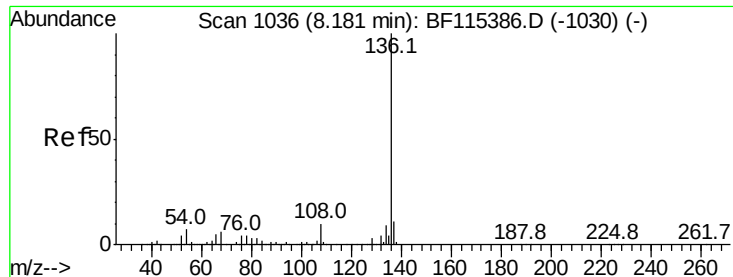
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#20
3+4-Methylphenols
Concen: 40.588 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.4	72.5	112.5		
77	104.5	62.7	102.7		
79	29.1	9.5	49.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

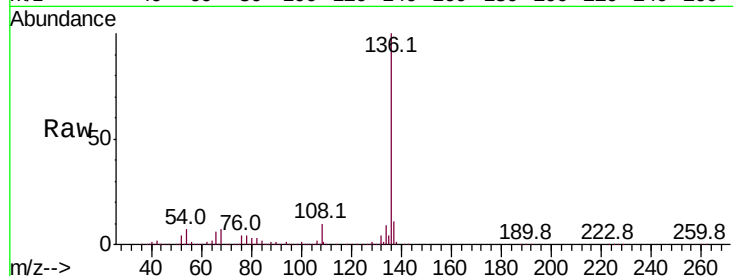
ClientSampleId :

OR-02-070319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	792771		
137	11.3		8.9	13.3
54	7.5		5.6	8.4
68	6.5		4.9	7.3

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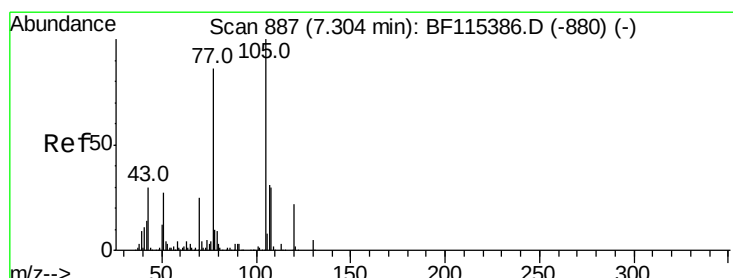
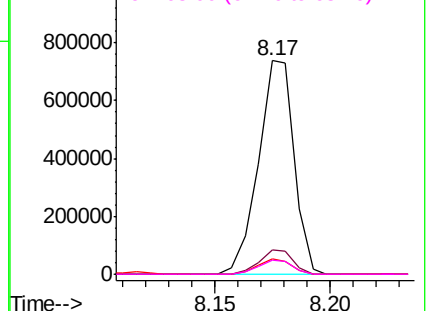
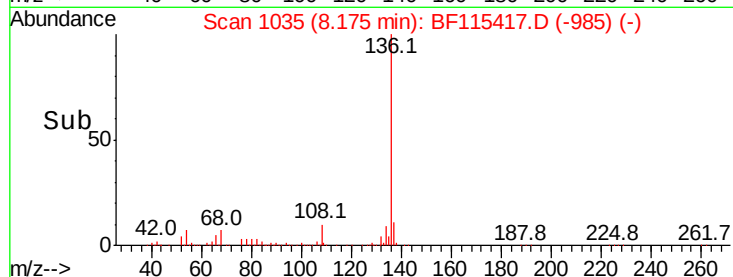
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.302 ng

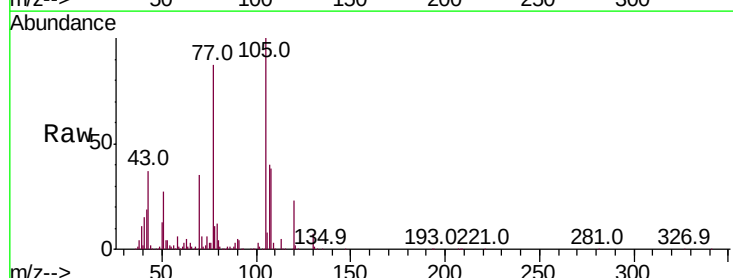
RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	784587		
71	6.0		3.3	4.9#
51	27.3		21.5	32.3
120	22.6		17.8	26.6



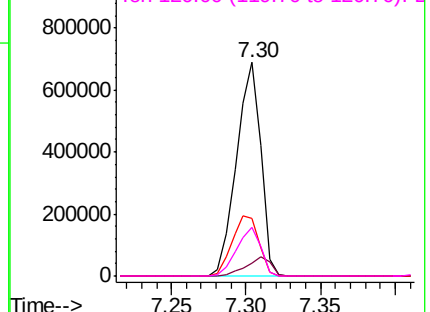
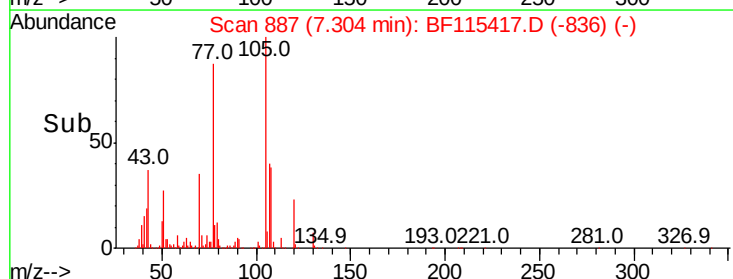
Abundance

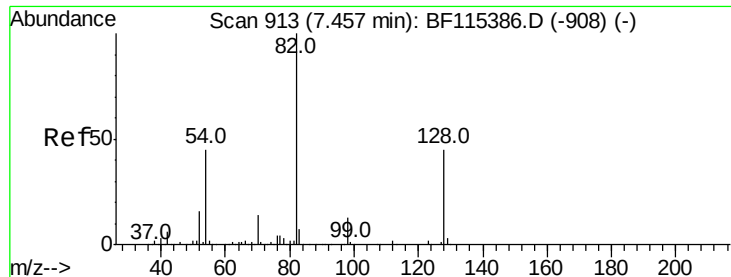
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





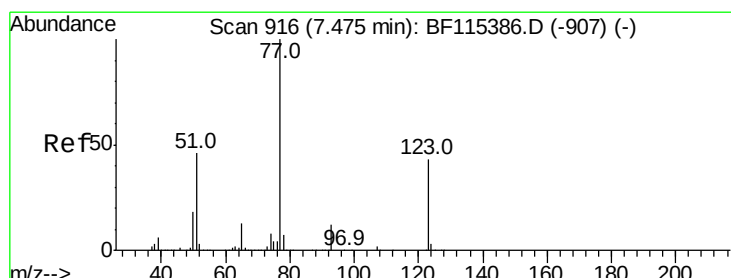
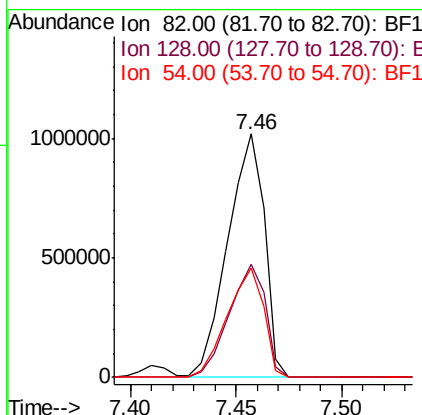
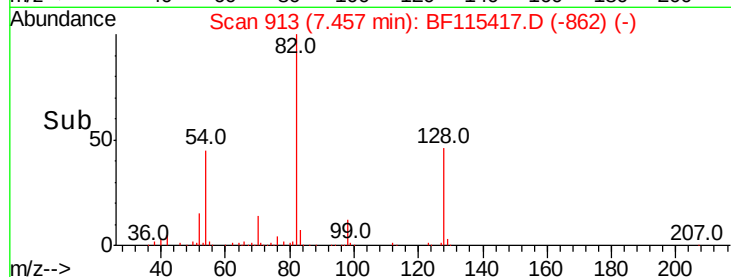
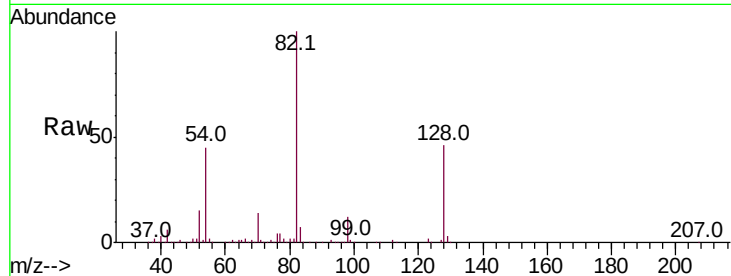
#23
Nitrobenzene-d5
Concen: 91.060 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion: 82 Resp: 1221833
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 44.9 36.3 54.5

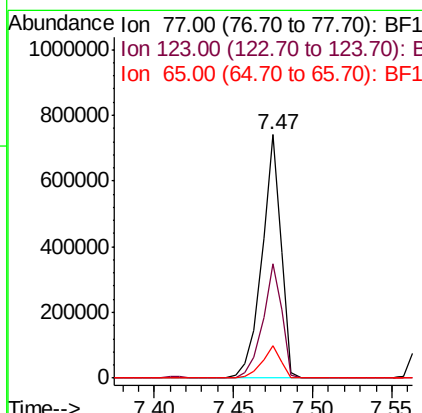
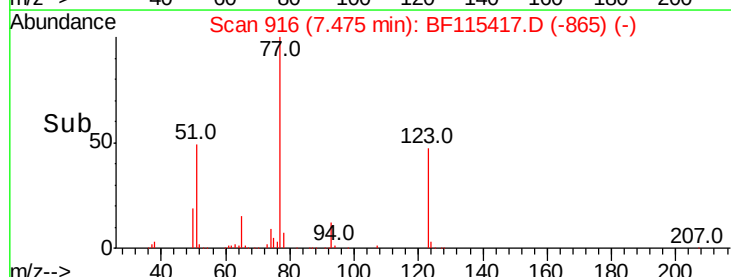
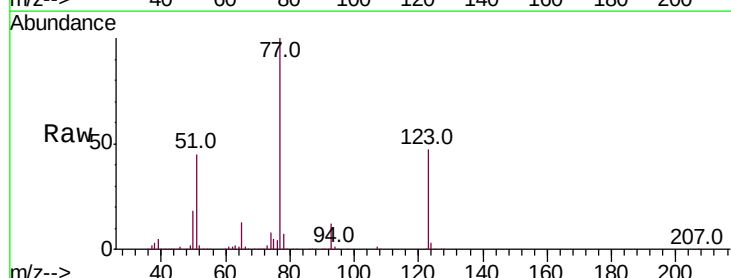
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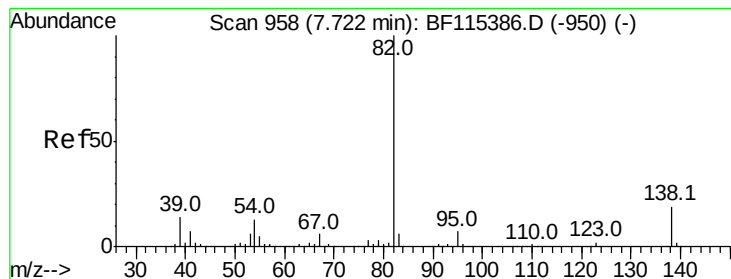
mohammad
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#24
Nitrobenzene
Concen: 41.257 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion: 77 Resp: 625193
Ion Ratio Lower Upper
77 100
123 47.0 35.0 52.6
65 13.4 10.8 16.2





#25

Isophorone

Concen: 41.126 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion: 82 Resp: 1196085

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

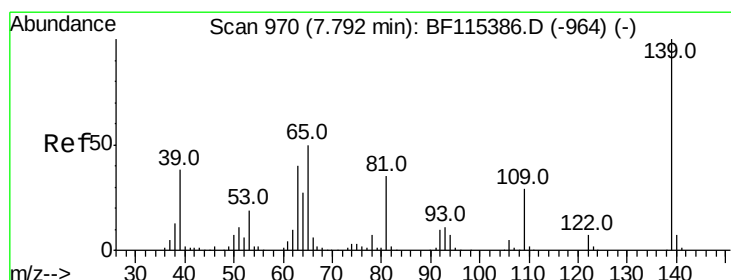
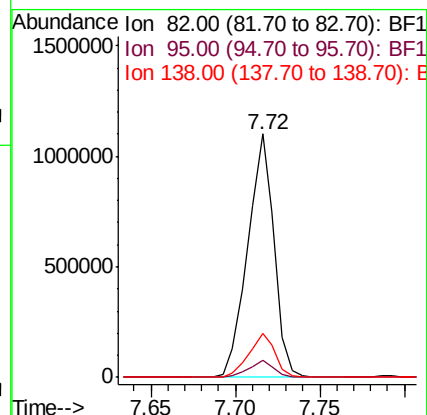
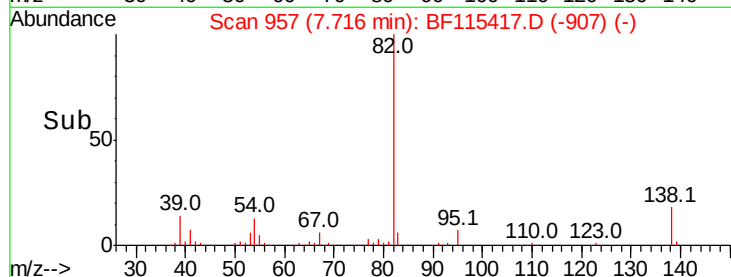
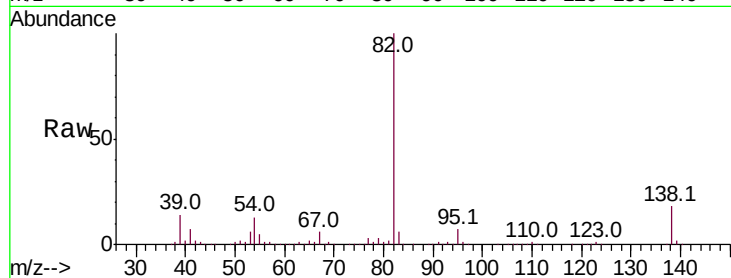
138 18.1 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.439 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

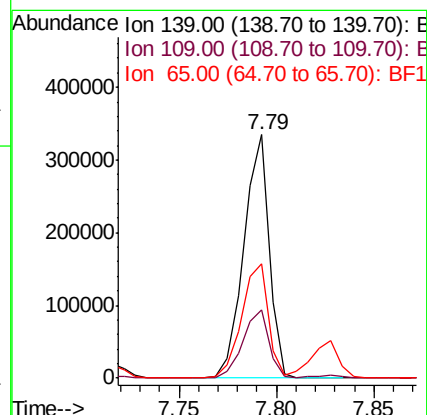
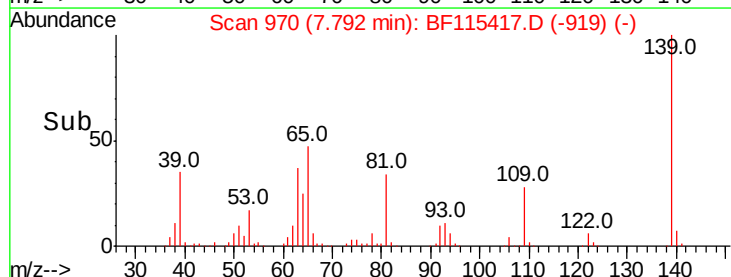
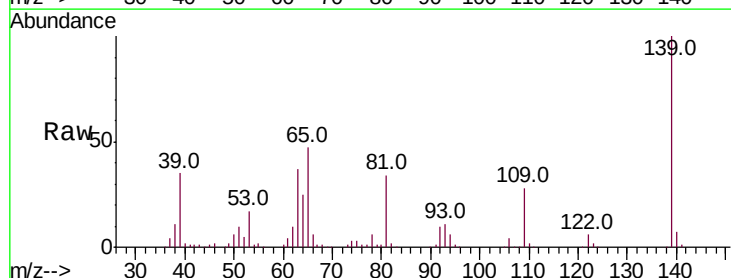
Tgt Ion: 139 Resp: 301771

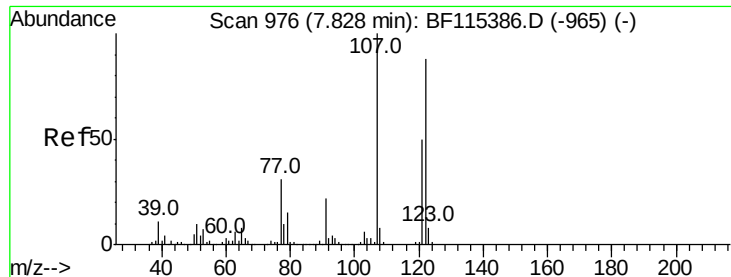
Ion Ratio Lower Upper

139 100

109 28.0 22.9 34.3

65 47.0 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 46.606 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

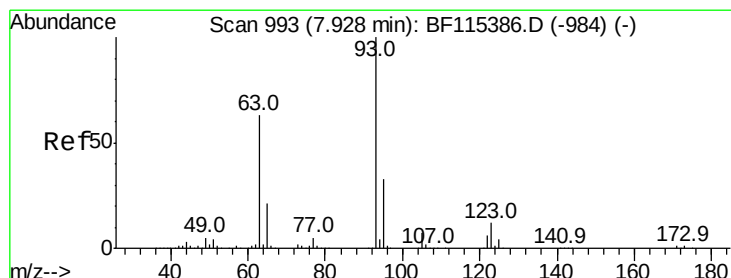
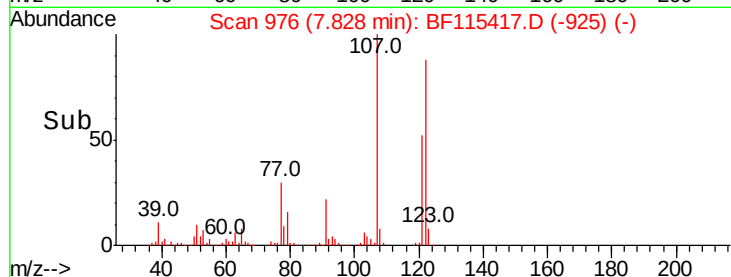
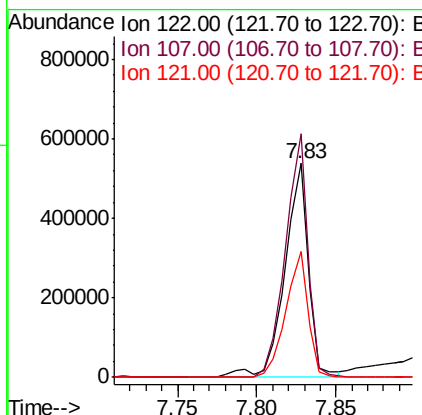
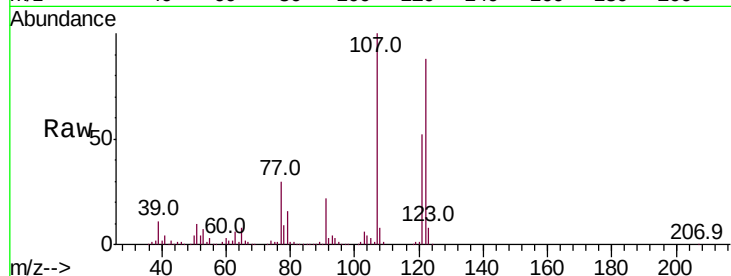
ClientSampleId :

OR-02-070319-AMSD

Tot Ion:	122	Resp:	553655
Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.0	136.6
121	59.1	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.757 ng

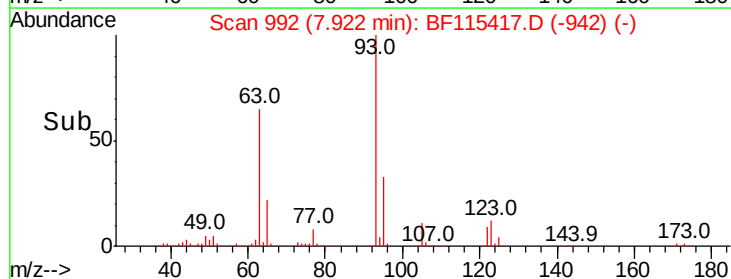
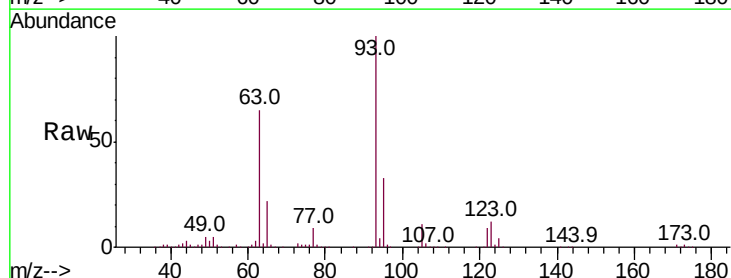
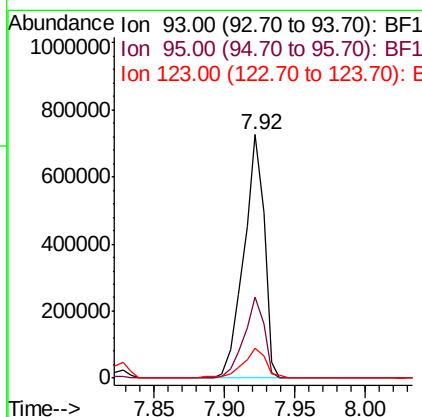
RT: 7.92 min Scan# 992

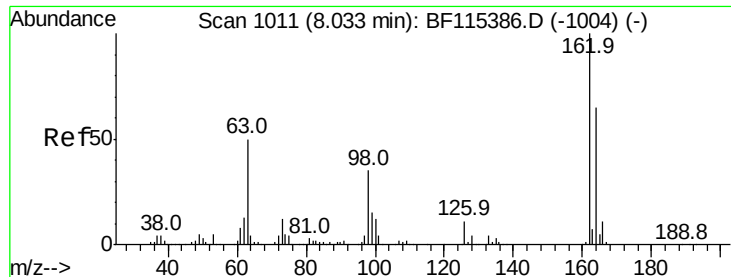
Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Tgt Ion:	93	Resp:	730934
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.2	10.0	15.0





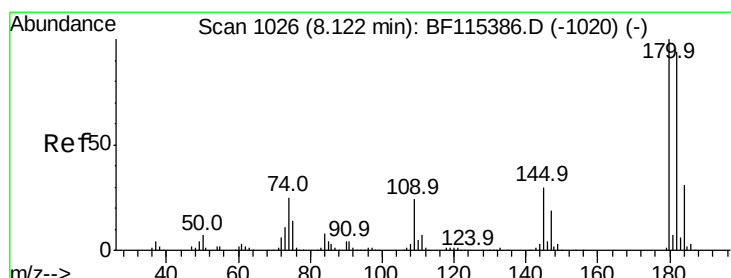
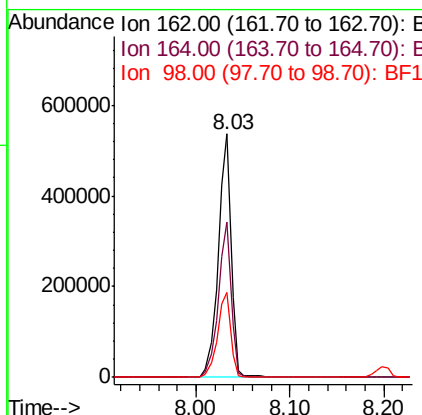
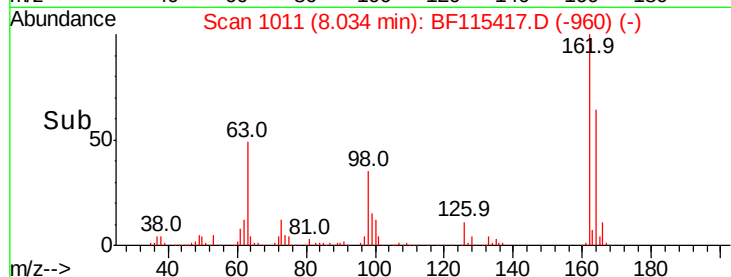
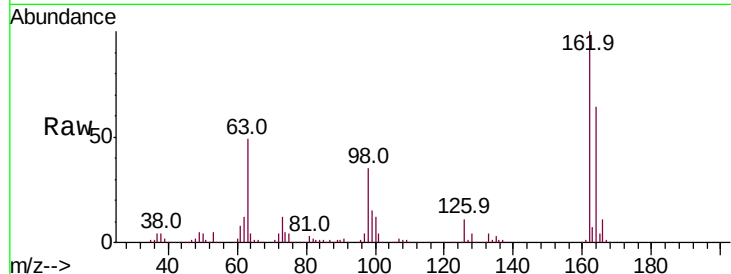
#29
 2,4-Dichlorophenol
 Concen: 43.624 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	516160		
164	64.0		44.6	84.6
98	34.8		15.0	55.0

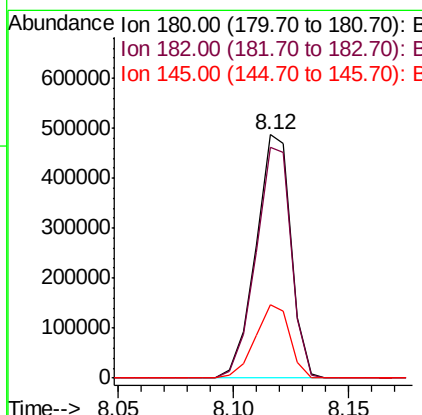
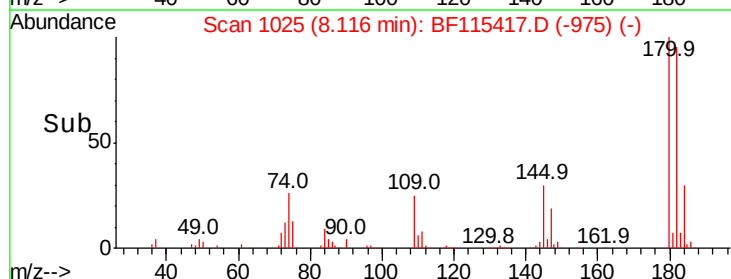
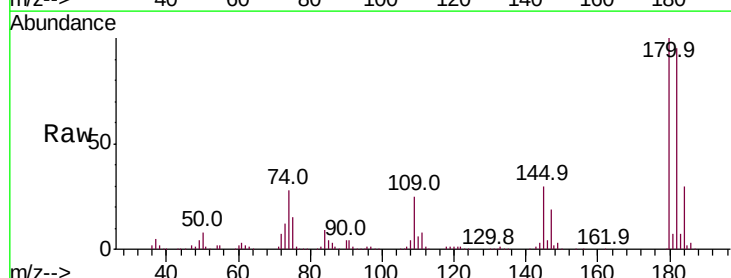
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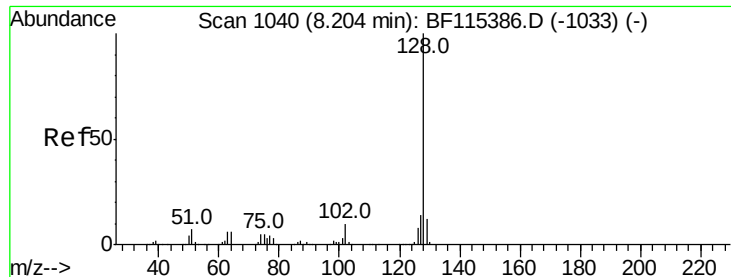
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.131 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	515446		
182	95.0		75.6	113.4
145	30.3		23.8	35.6





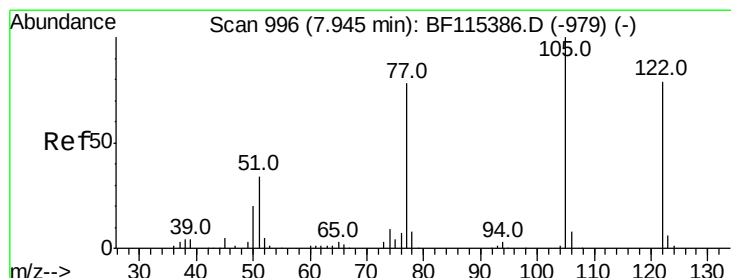
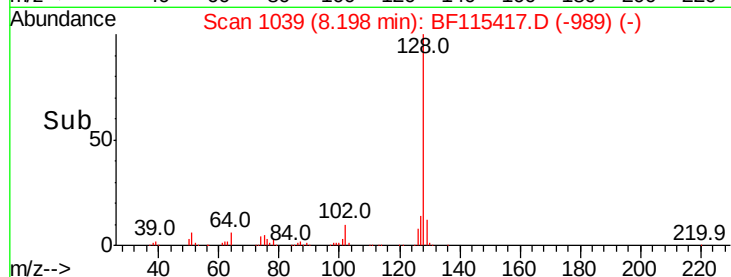
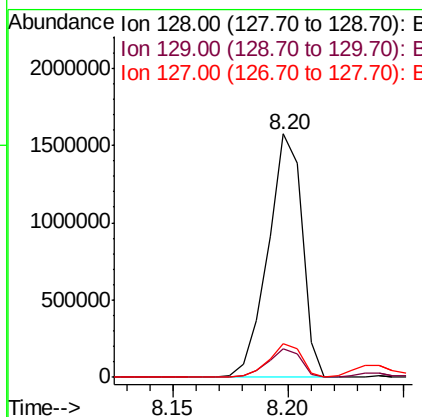
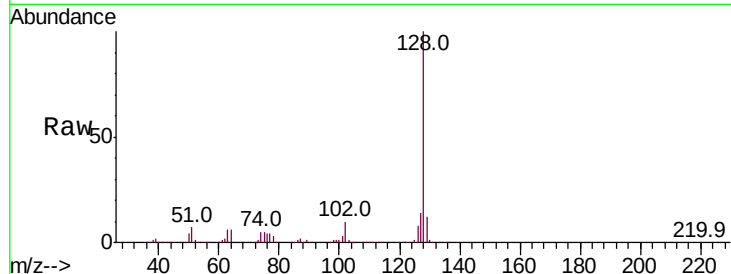
#31
Naphthalene
Concen: 40.833 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.0	11.2	16.8

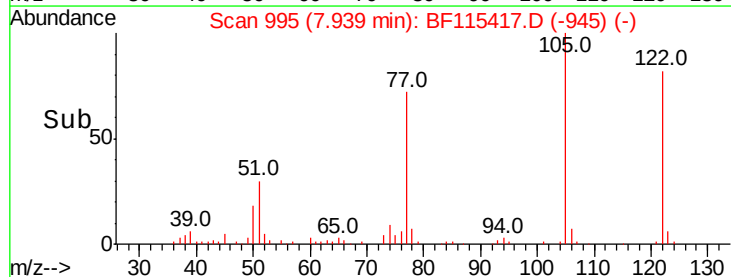
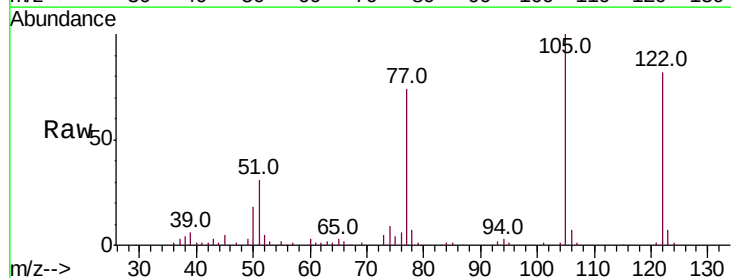
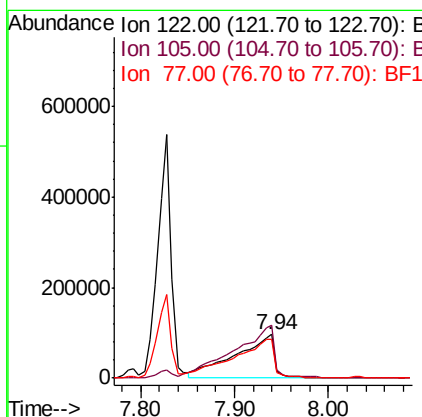
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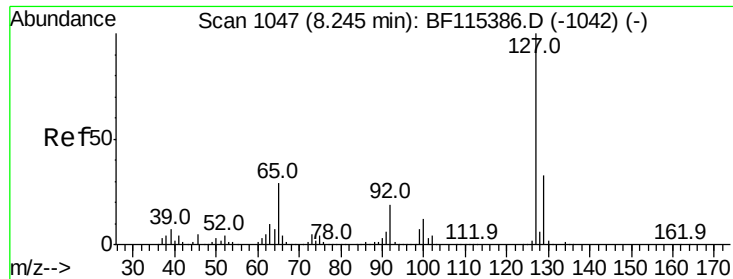
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#32
Benzoic acid
Concen: 34.224 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	105.1	145.1
77	90.6	77.8	117.8





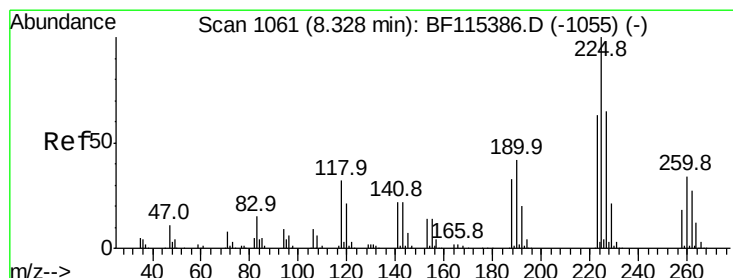
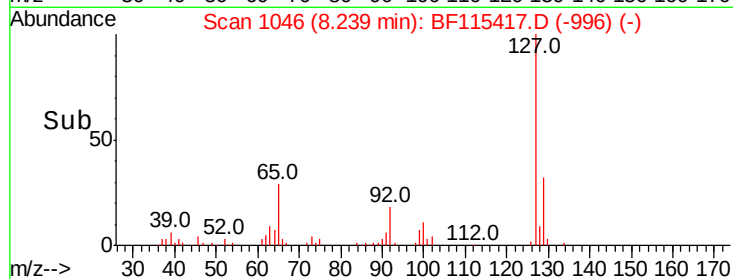
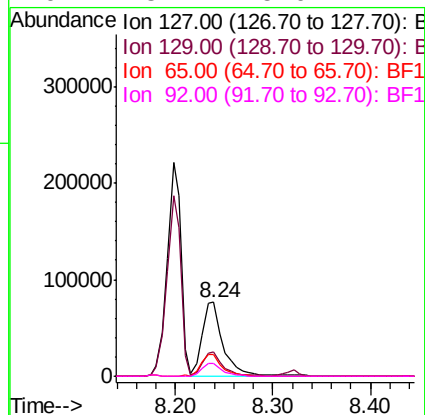
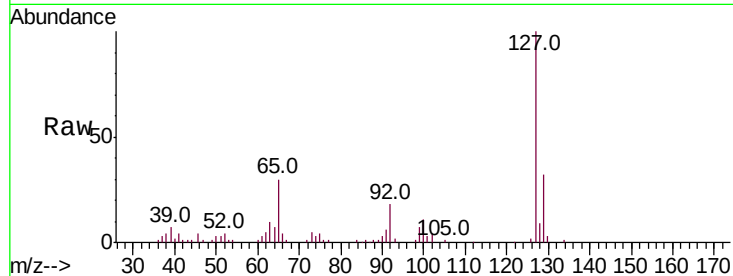
#33
4-Chloroaniline
Concen: 6.536 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.5	39.7		
65	29.7	23.3	34.9		
92	18.1	15.0	22.4		

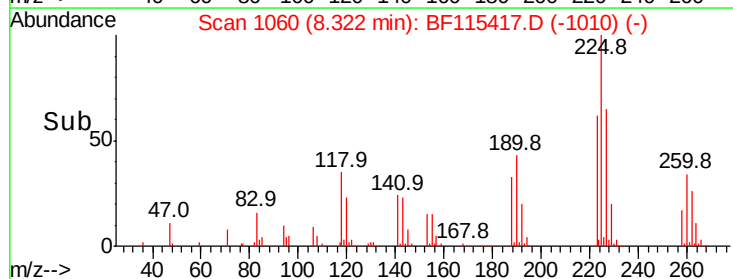
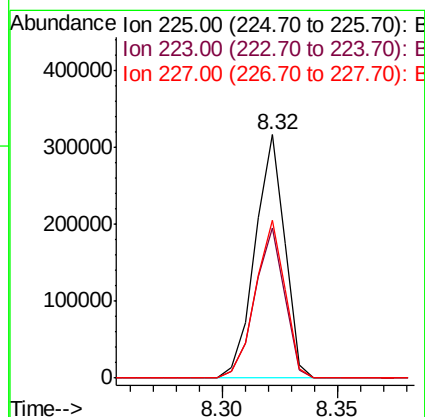
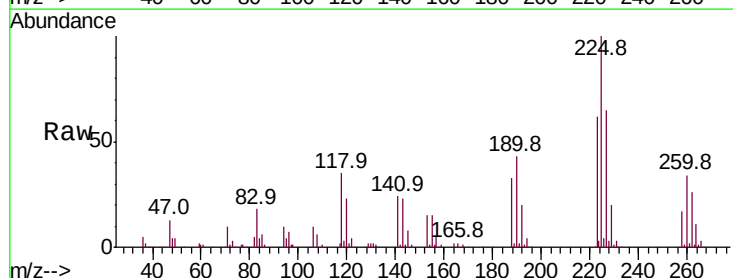
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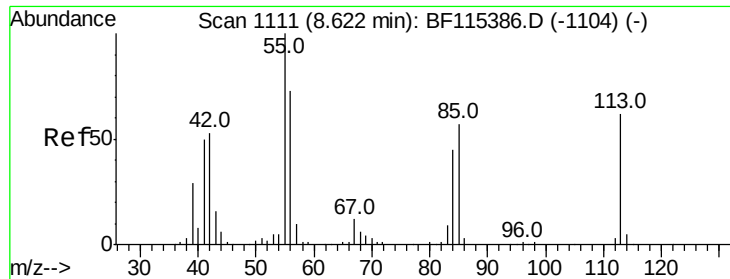
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#34
Hexachlorobutadiene
Concen: 38.038 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.7	76.1		
227	64.6	52.1	78.1		





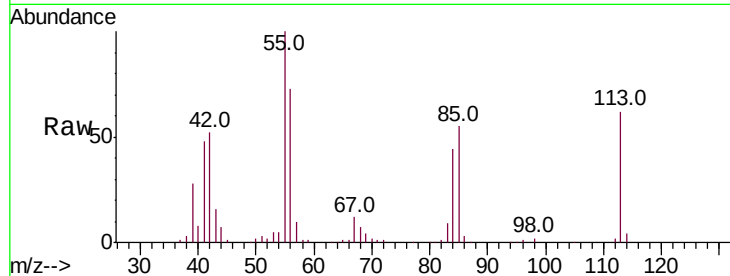
#35
 Caprolactam
 Concen: 37.927 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

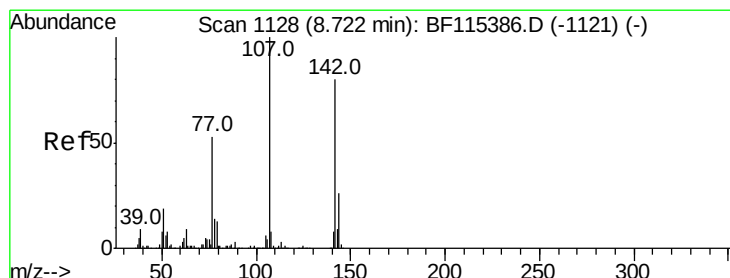
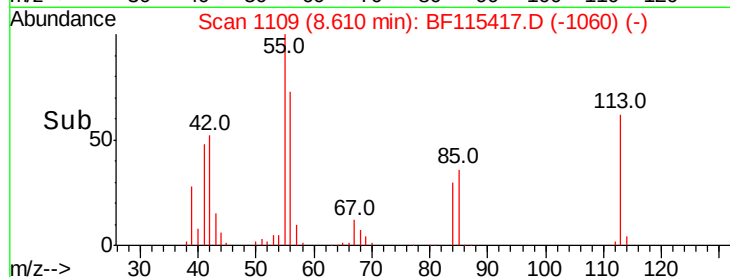
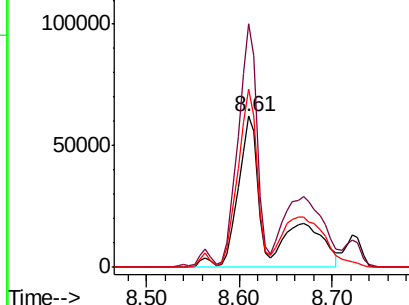
Tot Ion	Ratio	Lower	Upper
113	100		
55	160.9	141.9	181.9
56	118.0	98.7	138.7

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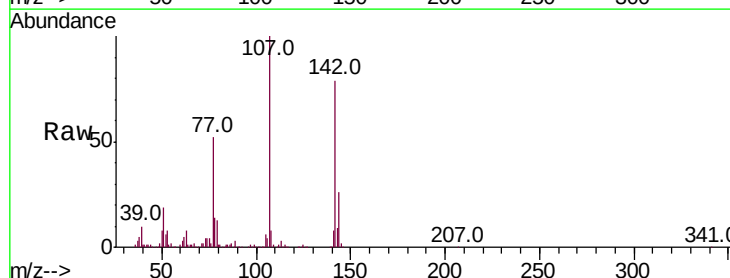


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

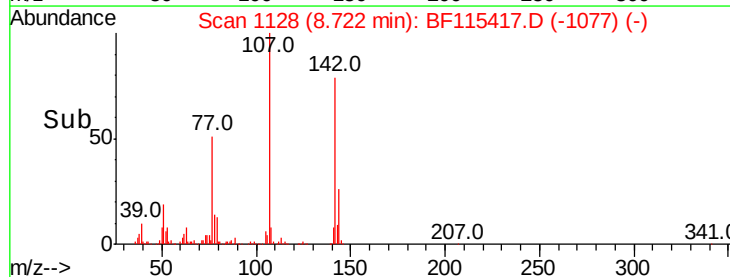
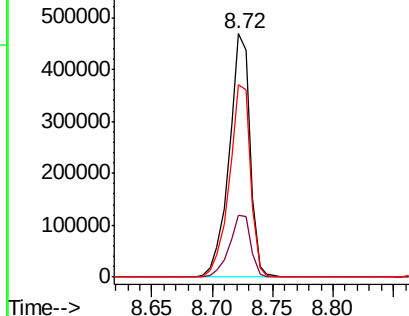


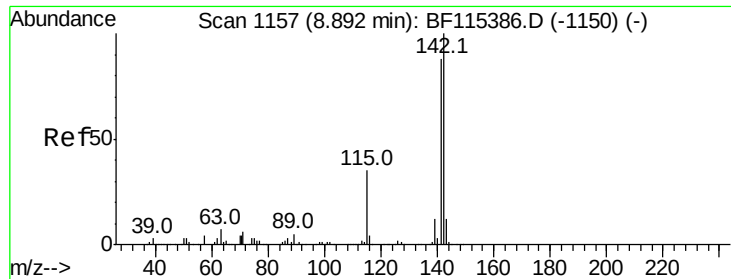
#36
 4-Chloro-3-methylphenol
 Concen: 45.094 ng/ml
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.8	31.2
142	79.3	64.0	96.0



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





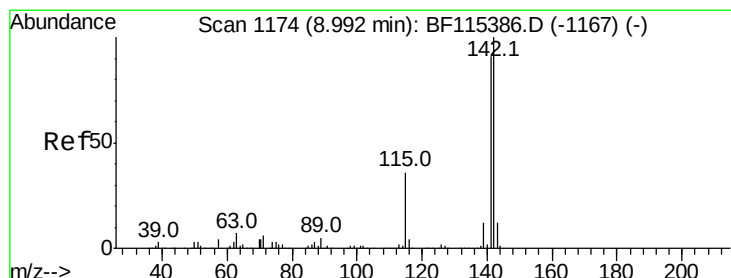
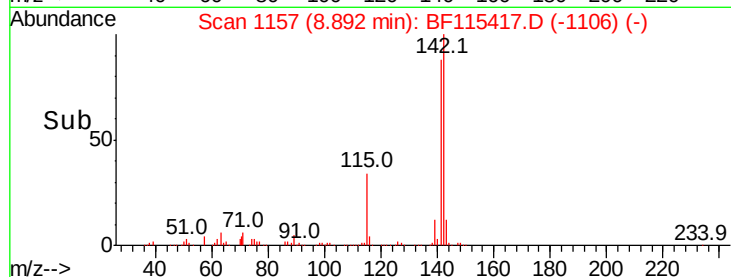
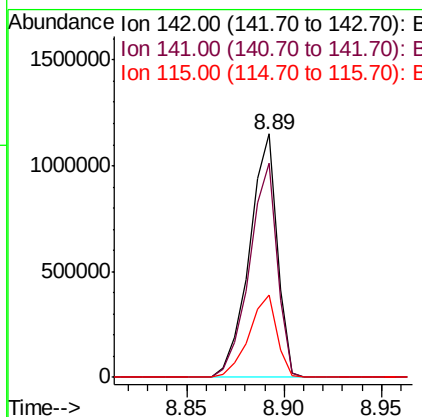
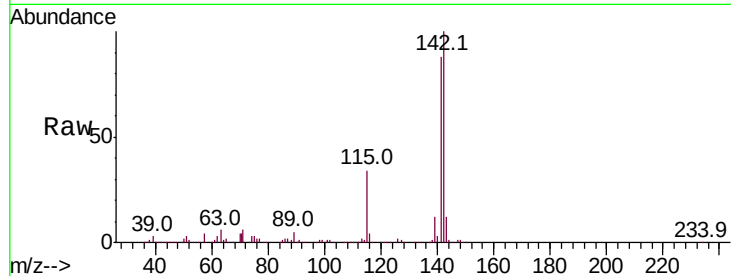
#37
2-Methylnaphthalene
Concen: 43.188 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	106.0
115	34.0	27.8	41.8

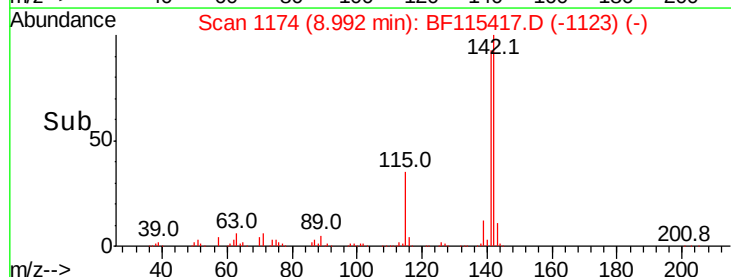
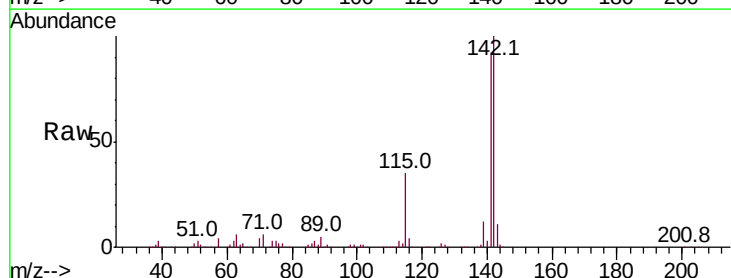
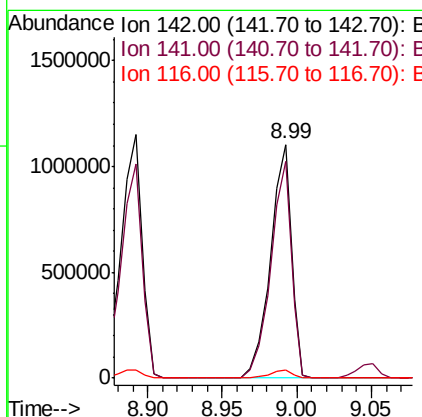
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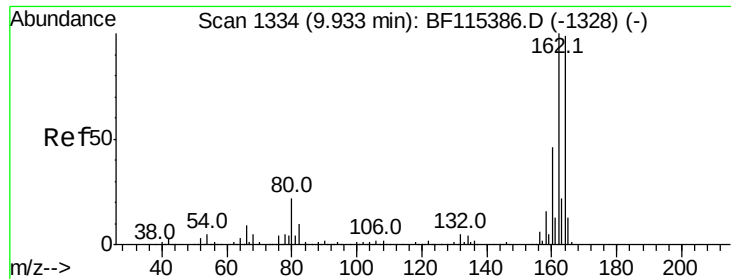
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#38
1-Methylnaphthalene
Concen: 42.821 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
116	3.7	3.0	4.4





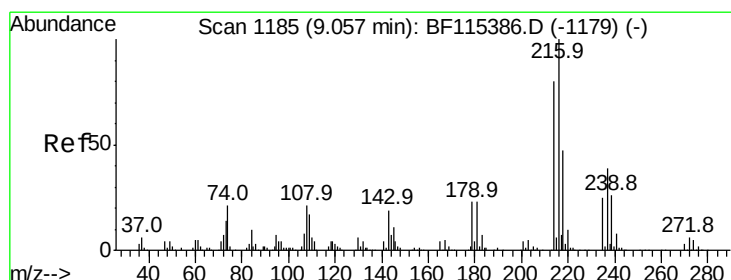
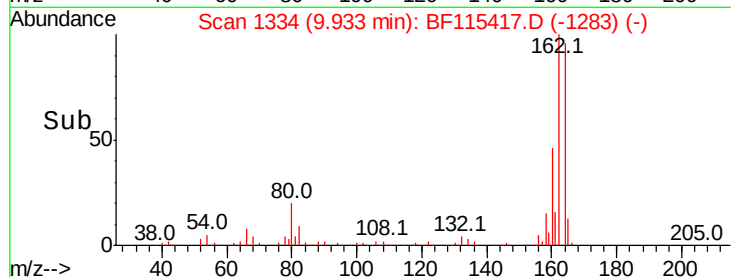
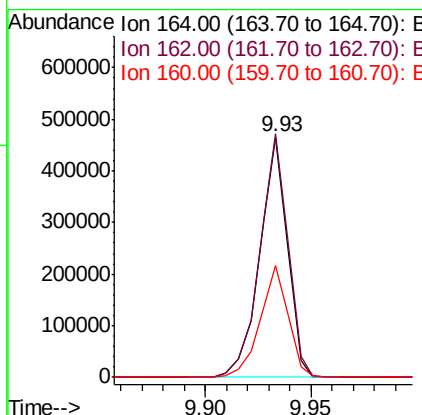
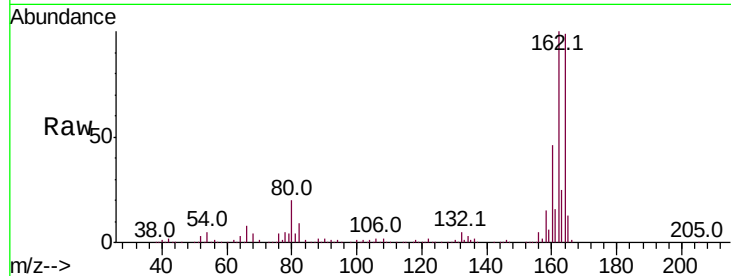
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	46.7	37.0	55.6

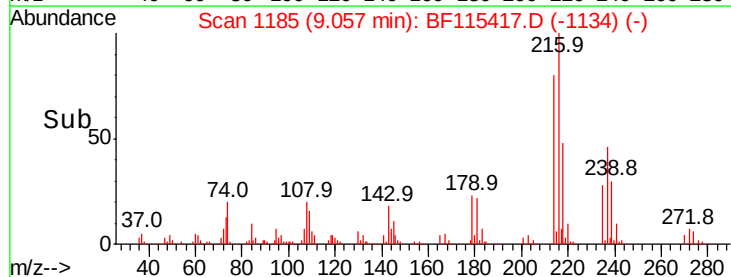
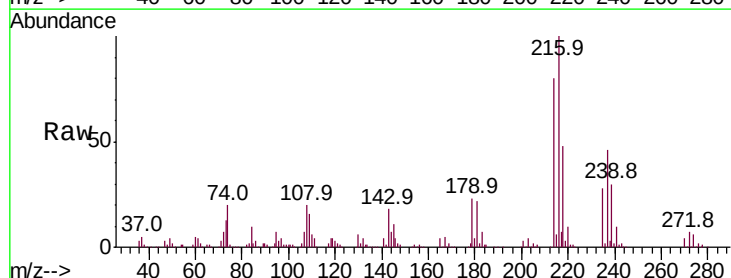
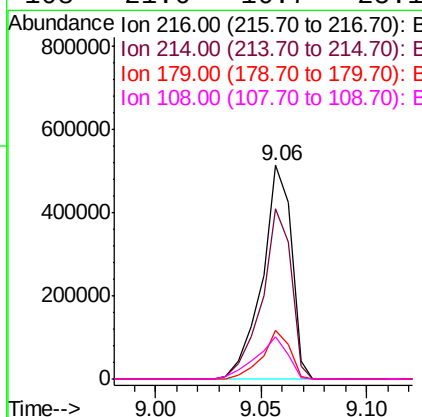
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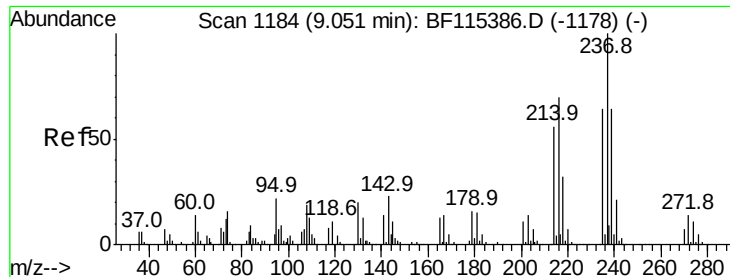
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.719 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.7	95.5
179	21.5	17.8	26.8
108	21.6	16.7	25.1





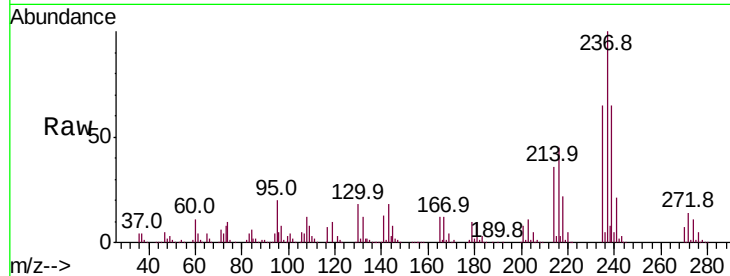
#41
 Hexachlorocyclopentadiene
 Concen: 78.569 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

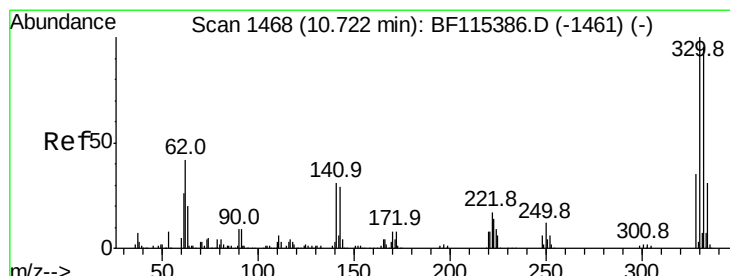
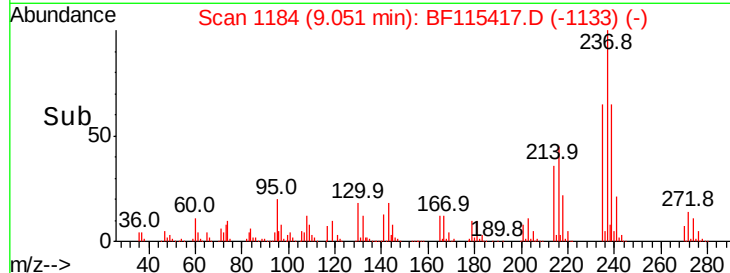
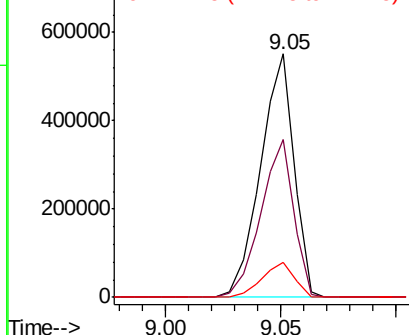
Tot Ion:	237	Resp:	555681
Ion Ratio	Lower	Upper	
237	100		
235	64.6	44.4	84.4
272	14.5	0.0	33.7

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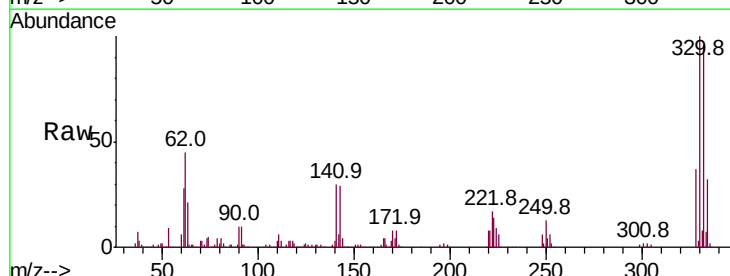


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

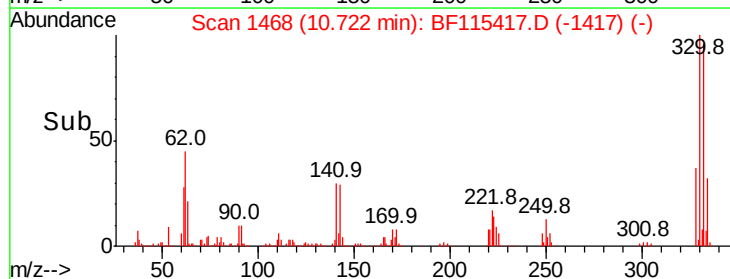
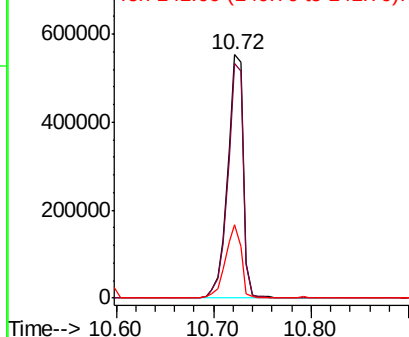


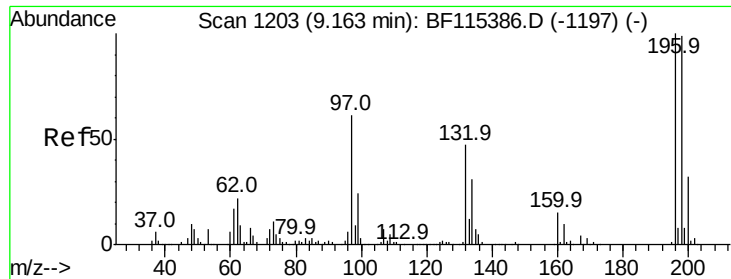
#42
 2,4,6-Tribromophenol
 Concen: 131.146 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion:	330	Resp:	615055
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.3	114.5
141	30.4	27.0	40.4



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





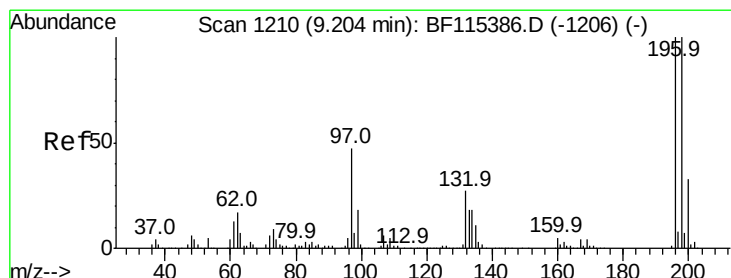
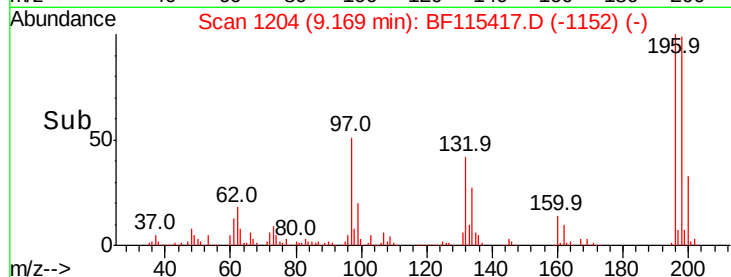
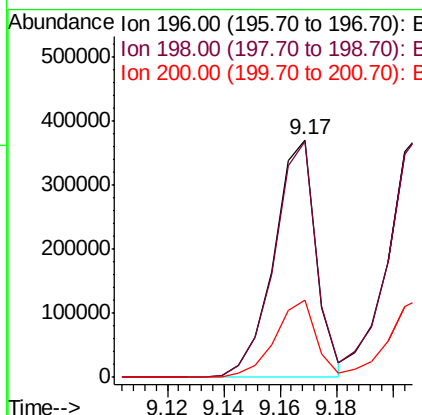
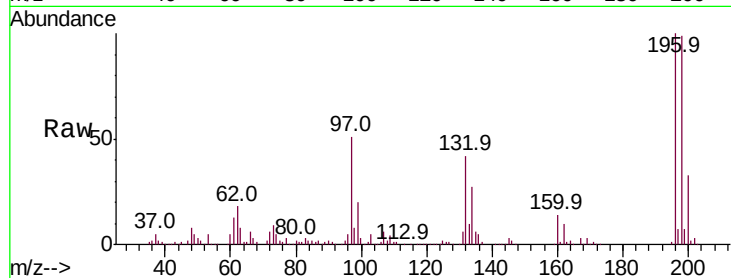
#43
 2,4,6-Trichlorophenol
 Concen: 43.312 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	384774		
198	99.5	79.5	119.3	
200	32.7	25.8	38.8	

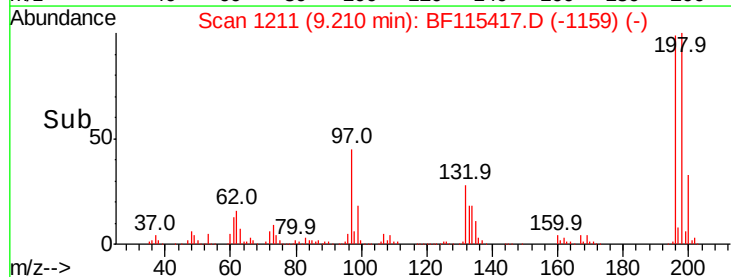
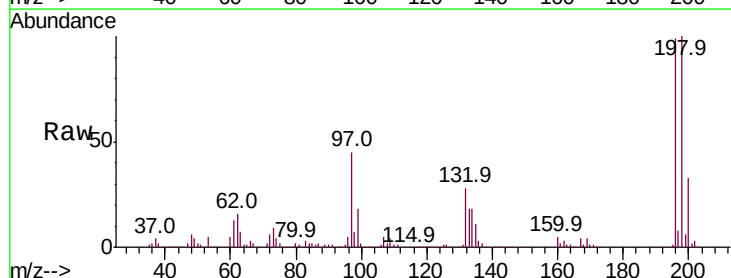
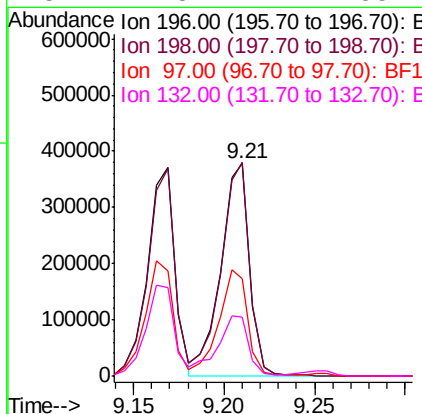
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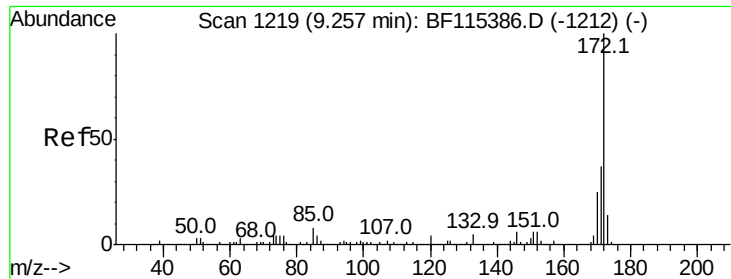
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.147 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	415891		
198	100.6	80.3	120.5	
97	45.6	38.3	57.5	
132	27.8	22.2	33.2	





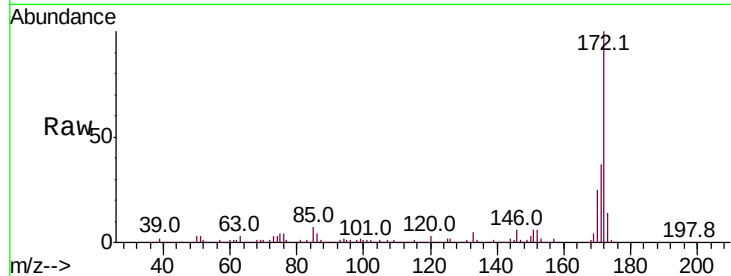
#45
2-Fluorobiphenyl
Concen: 92.048 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.8
170	25.0	20.2	30.4

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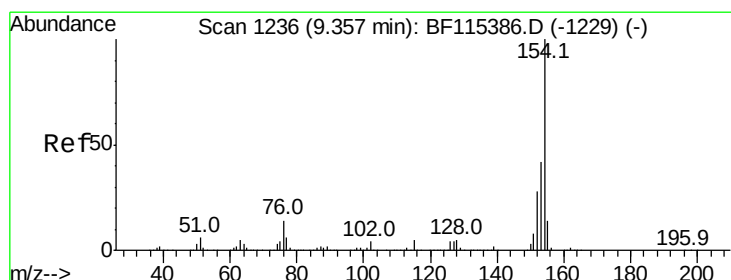
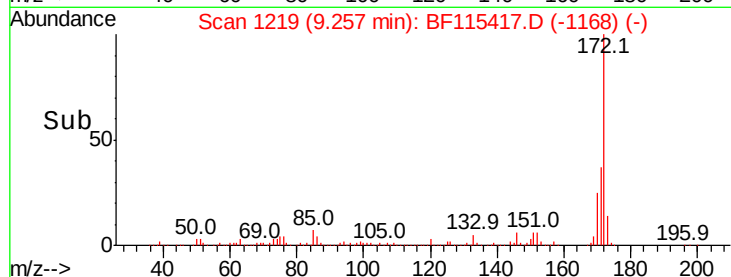
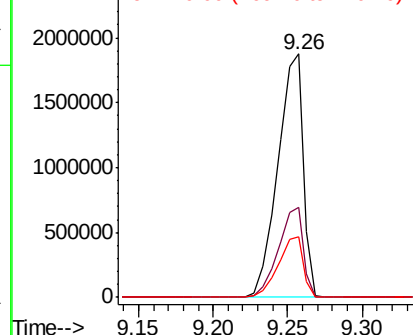


Abundance

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: 42.496 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

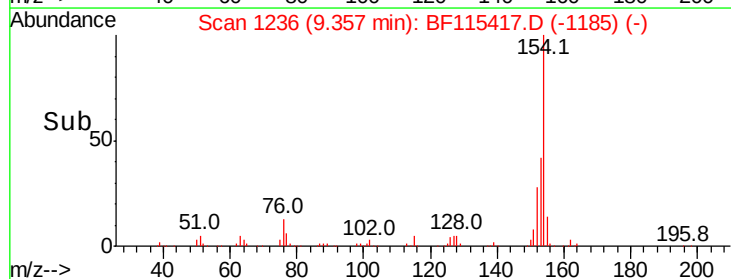
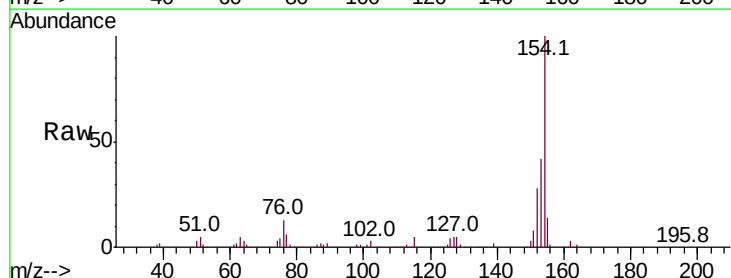
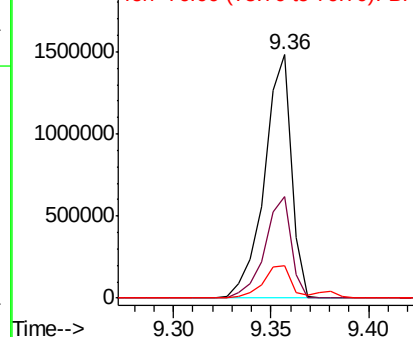
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	13.2	0.0	34.3

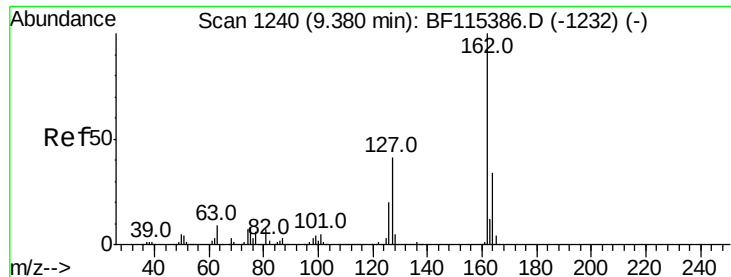
Abundance

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





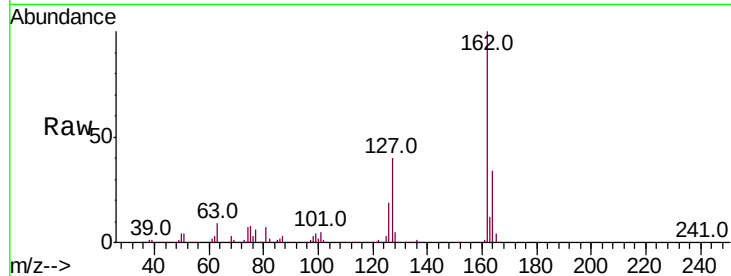
#47
 2-Chloronaphthalene
 Concen: 40.789 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.8	49.2
164	33.7	27.0	40.6

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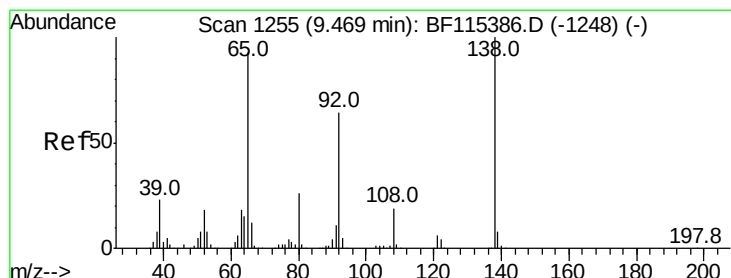
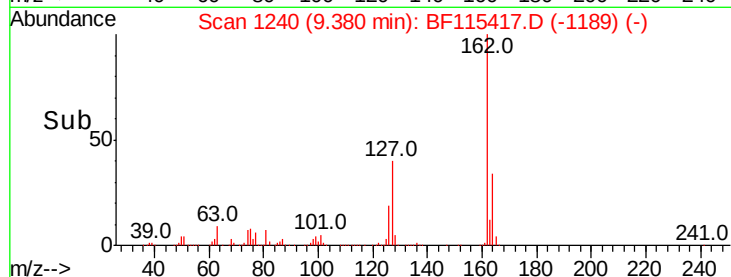
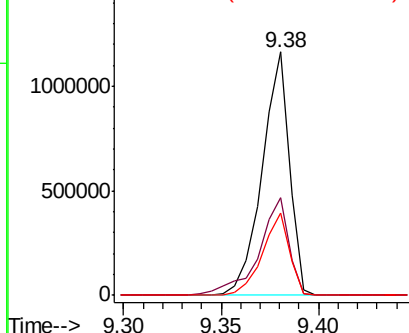


Abundance

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: 44.610 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

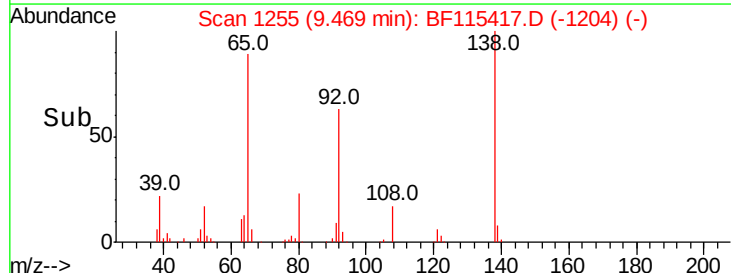
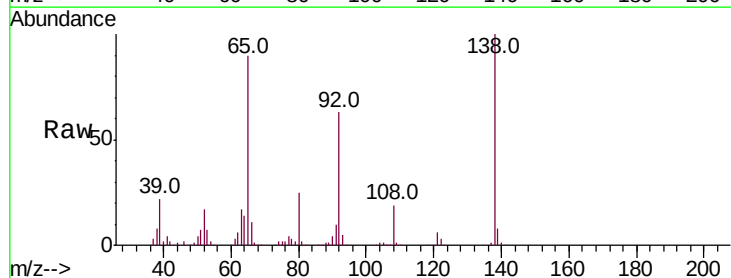
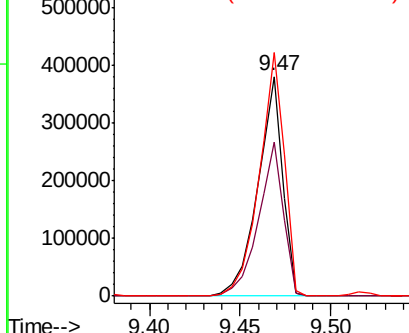
Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.4	83.0
138	111.0	85.8	128.8

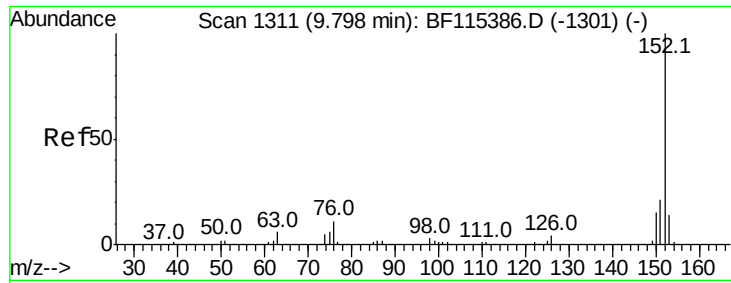
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.981 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion:152 Resp: 1709965

Ion Ratio Lower Upper

152 100

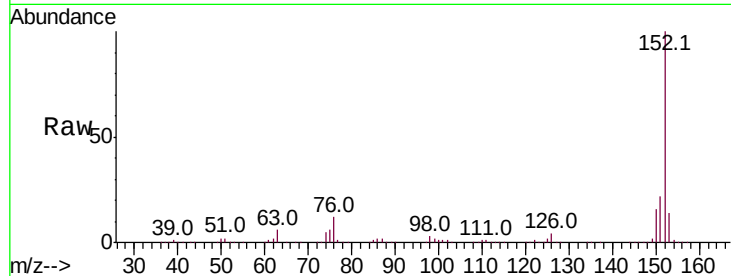
151 21.8 17.0 25.4

153 14.4 11.4 17.2

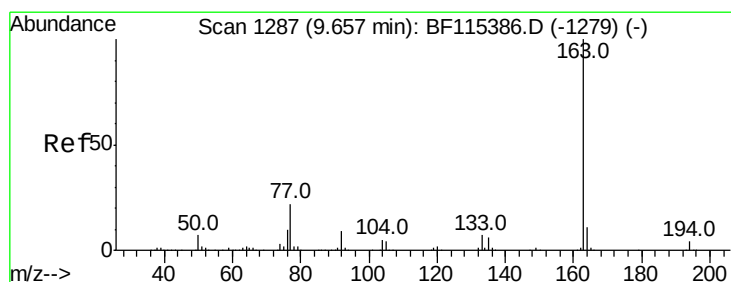
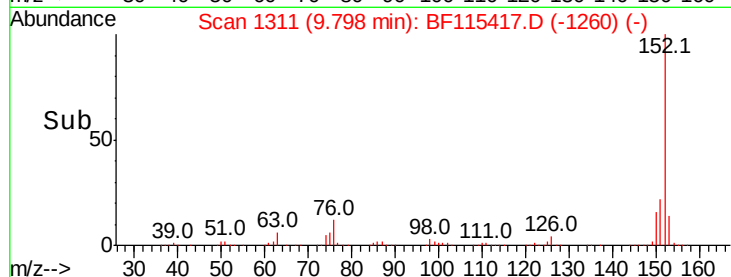
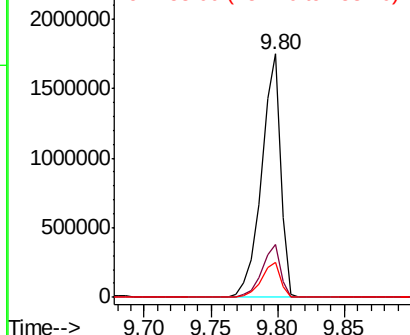
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.365 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

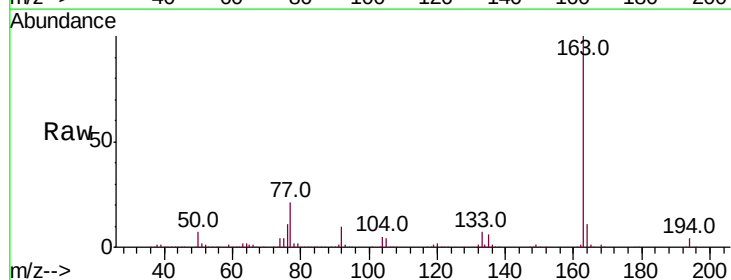
Tgt Ion:163 Resp: 1380597

Ion Ratio Lower Upper

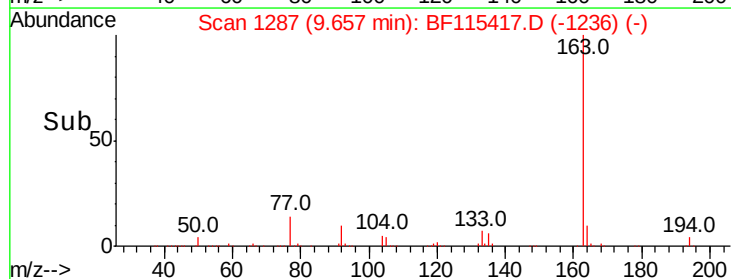
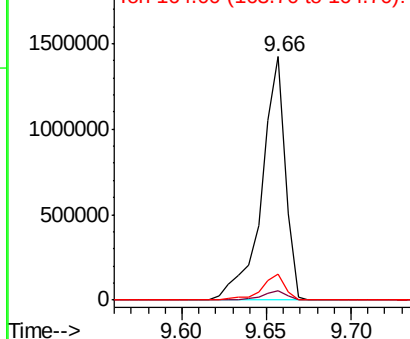
163 100

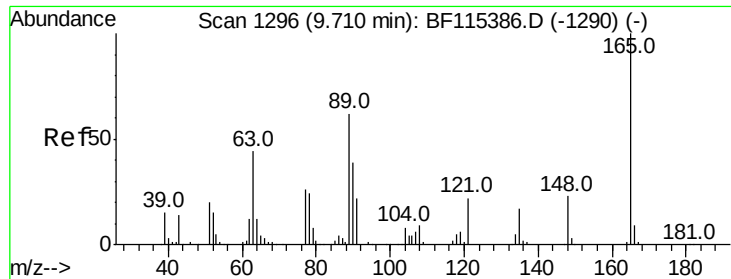
194 4.0 3.2 4.8

164 10.6 8.5 12.7



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





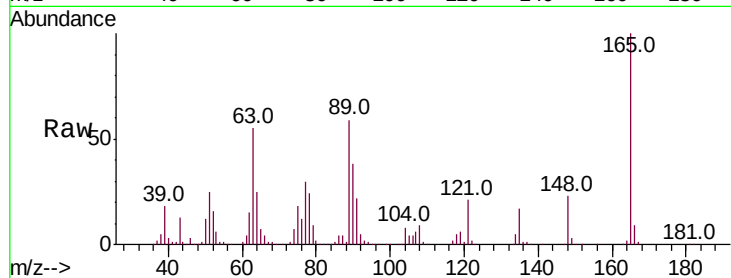
#51
2,6-Dinitrotoluene
Concen: 46.313 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

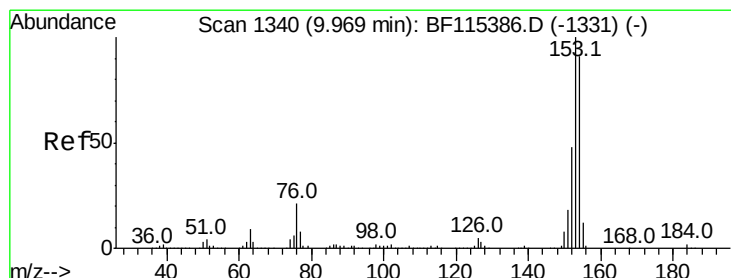
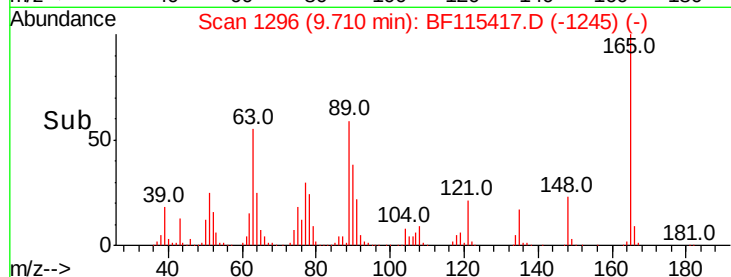
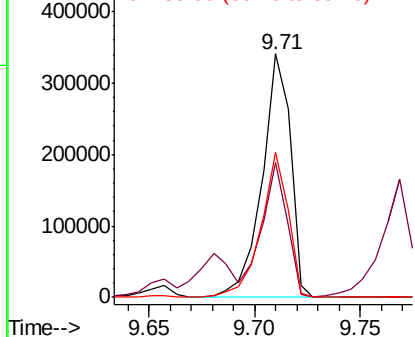
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	45.8	68.6
89	59.4	49.9	74.9

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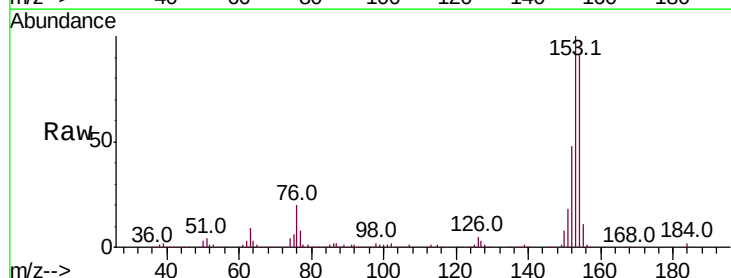


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

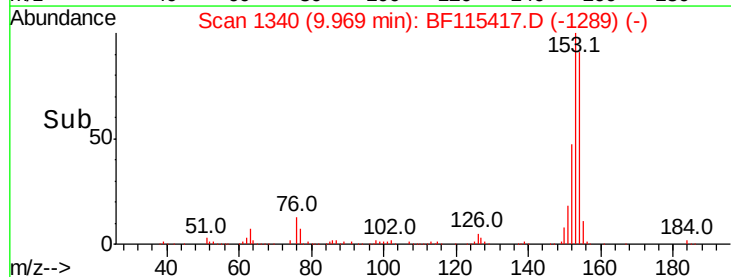
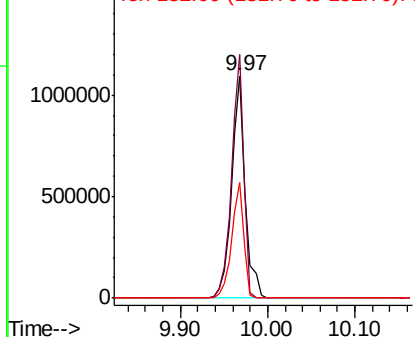


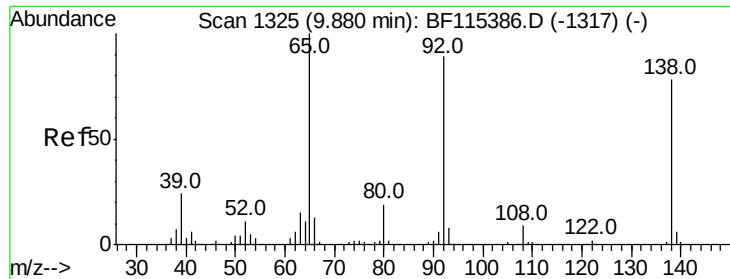
#52
Acenaphthene
Concen: 44.082 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	87.9	131.9
152	52.2	42.2	63.2



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





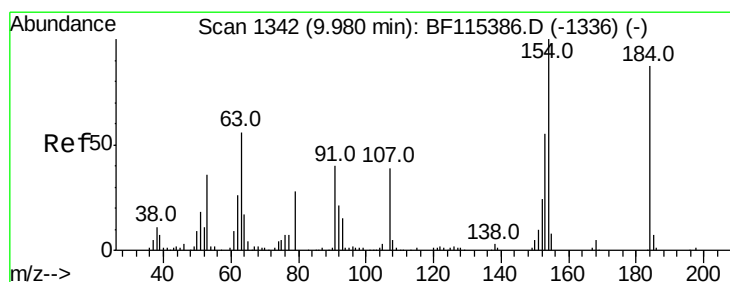
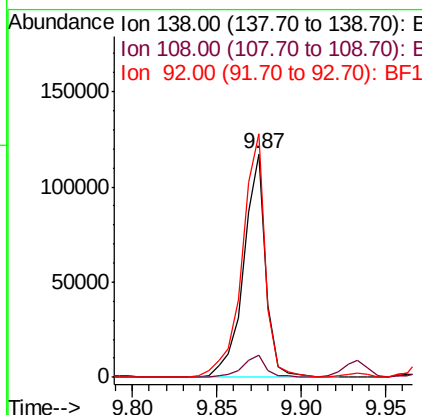
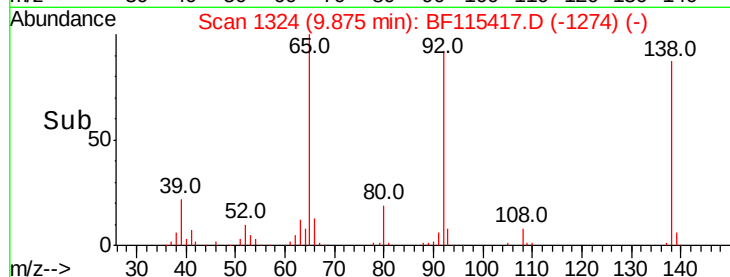
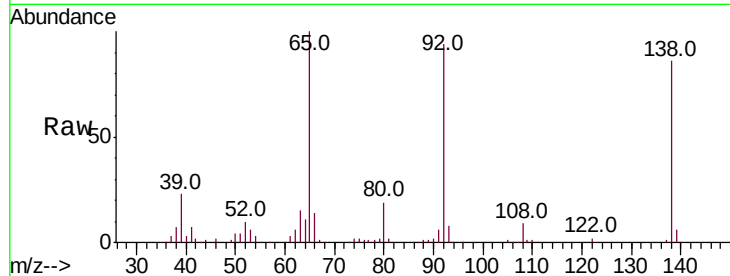
#53
3-Nitroaniline
Concen: 13.371 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.0	13.4
92	108.8	90.5	135.7

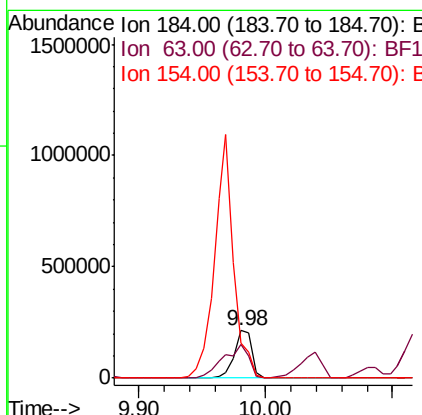
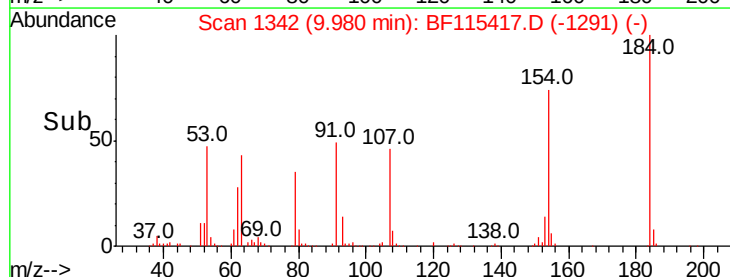
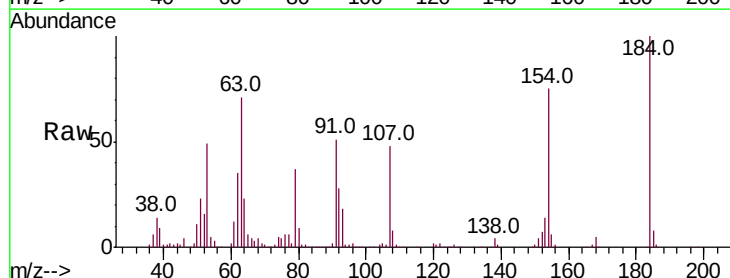
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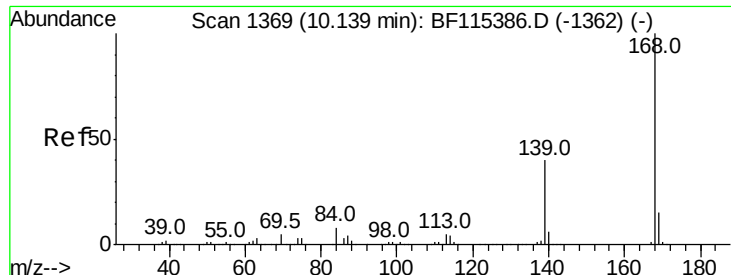
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#54
2,4-Dinitrophenol
Concen: 69.365 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.4	52.1	78.1
154	74.6	97.7	146.5#





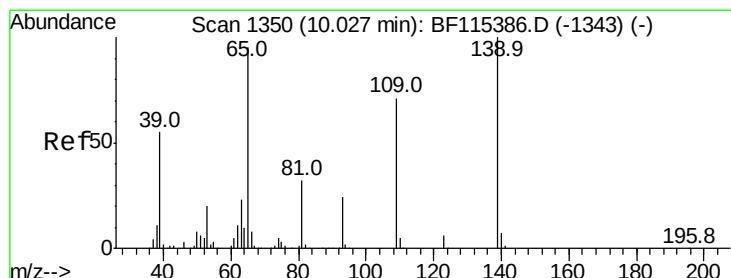
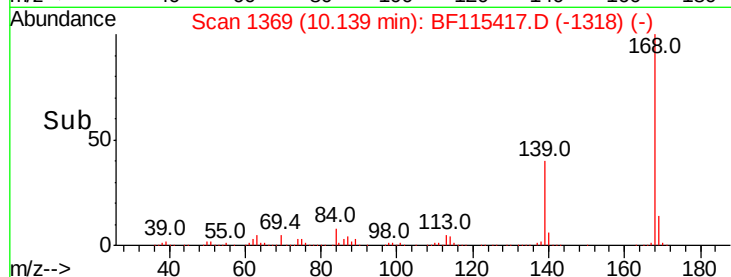
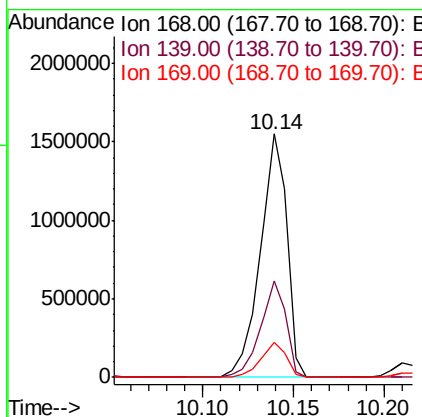
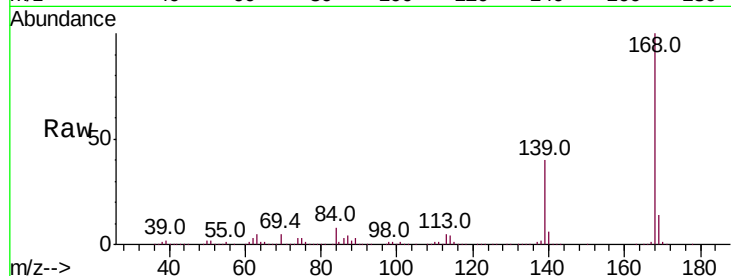
#55
Dibenzofuran
Concen: 42.651 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.2	48.2
169	14.5	11.7	17.5

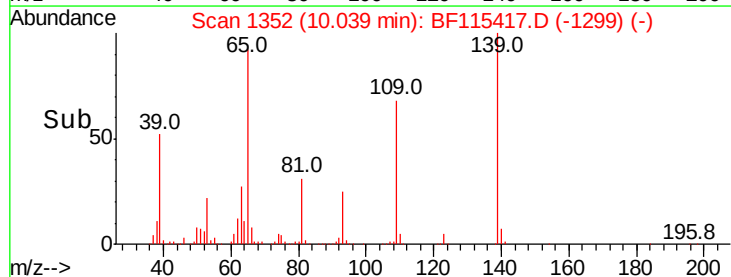
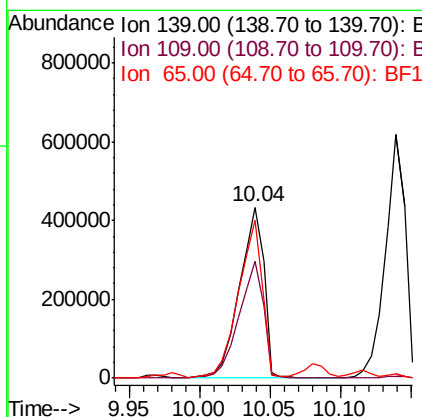
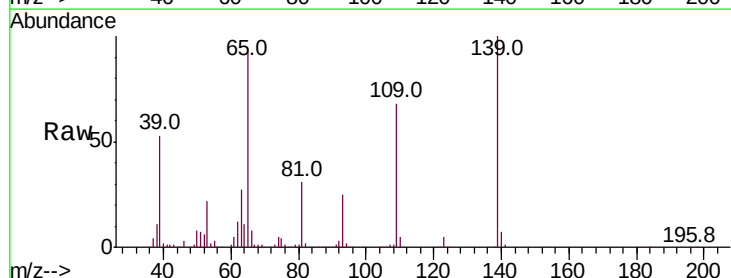
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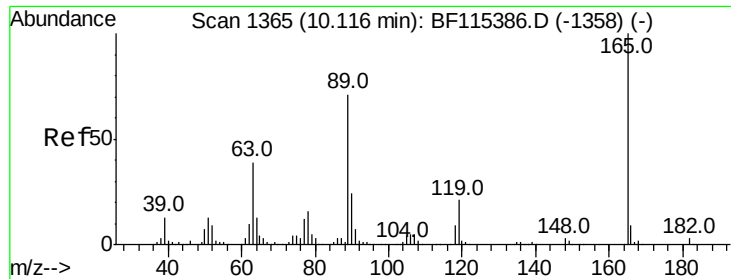
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#56
4-Nitrophenol
Concen: 84.095 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.2	51.1	91.1
65	92.4	75.2	115.2





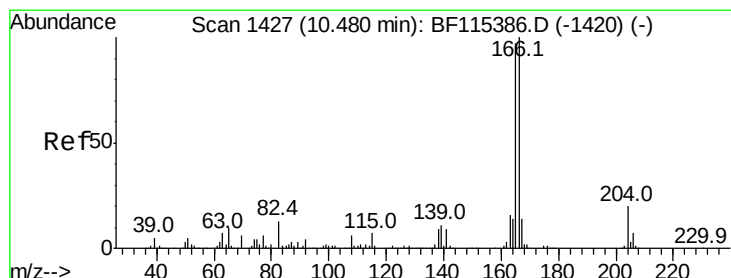
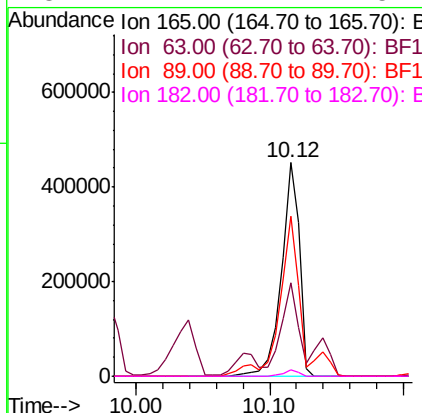
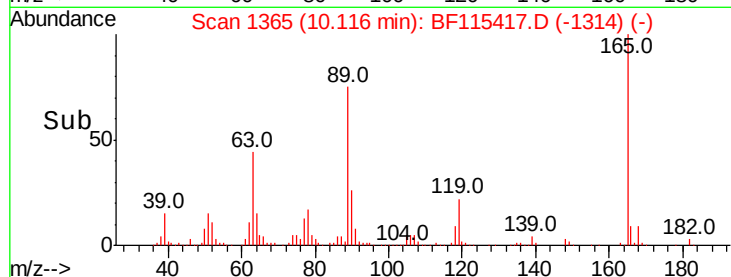
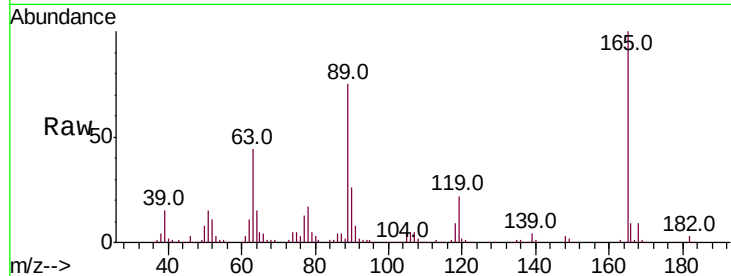
#57
2,4-Dinitrotoluene
Concen: 48.842 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	428583		
63	43.8		31.4	47.0
89	75.0		57.1	85.7
182	2.7		2.2	3.2

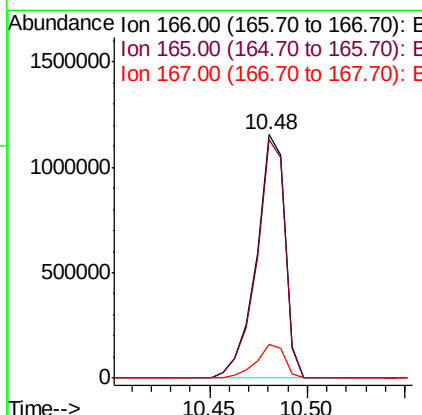
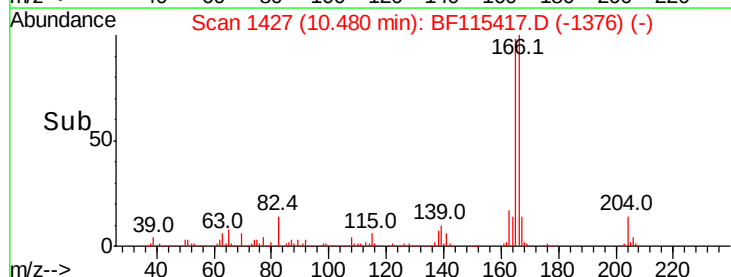
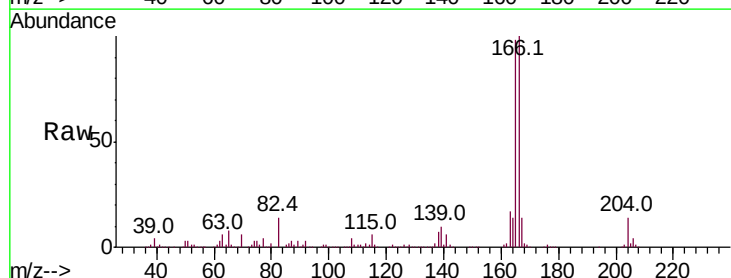
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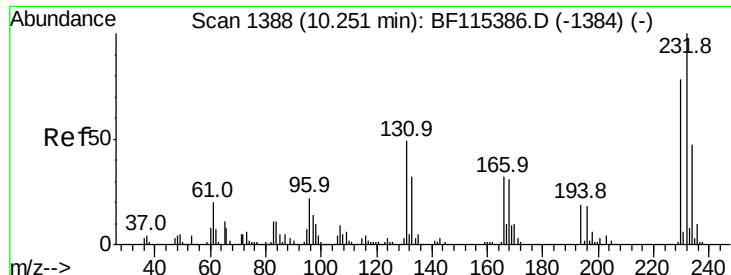
mohammad
7/10/2019 9:04:35 AM



#58
Fluorene
Concen: 40.325 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1175907		
165	98.1		77.8	116.6
167	13.9		11.0	16.6





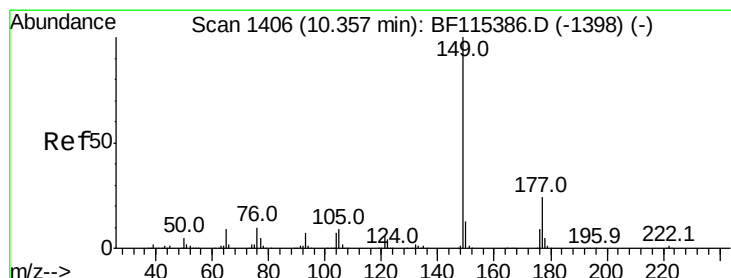
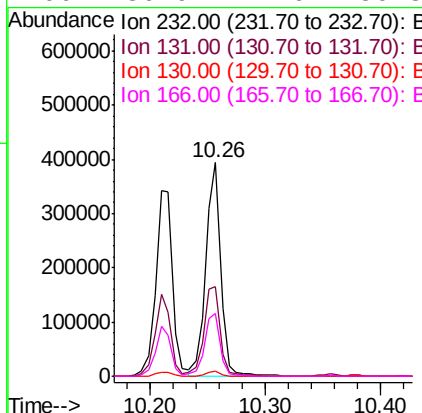
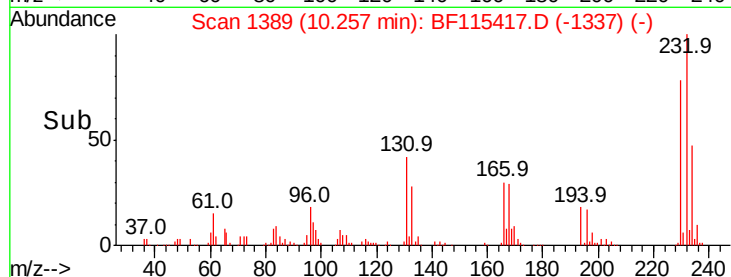
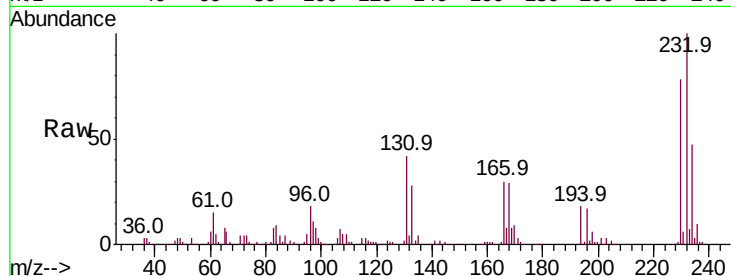
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.794 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.6	55.0
130	2.4	1.8	2.8
166	30.9	24.6	36.8

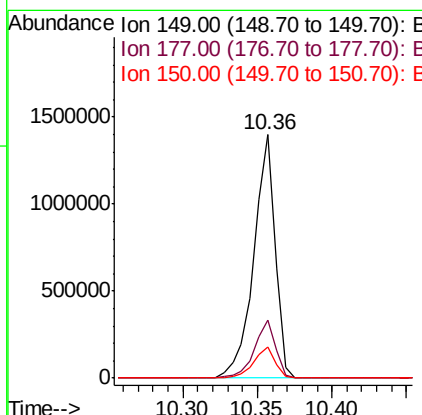
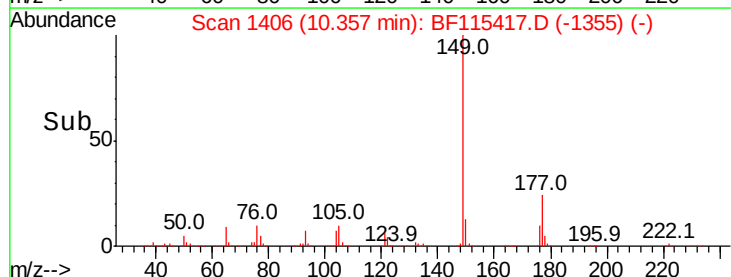
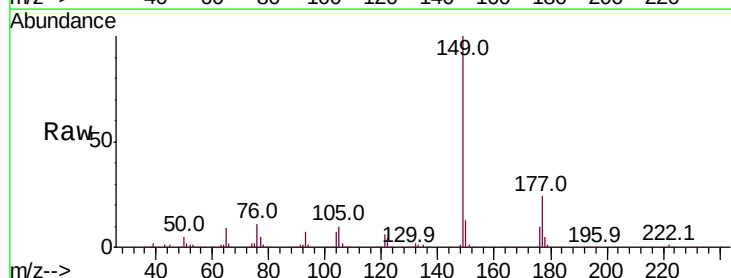
Manual Integrations
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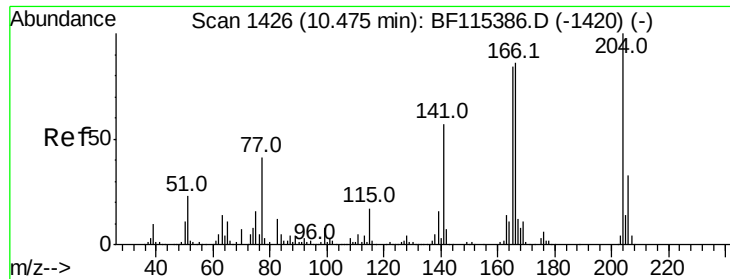
mohammad
 7/10/2019 9:04:35 AM



#60
 Diethylphthalate
 Concen: 43.749 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.8	28.2
150	13.0	10.2	15.2





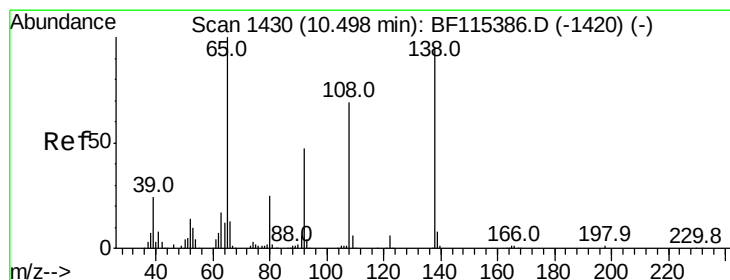
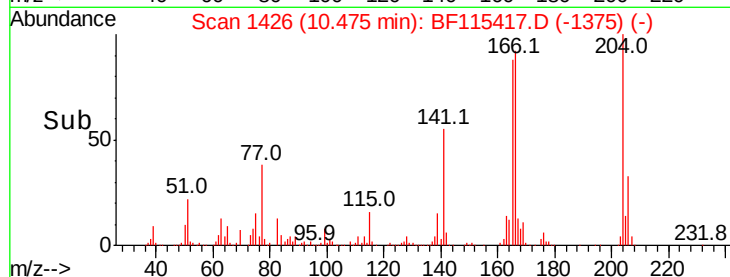
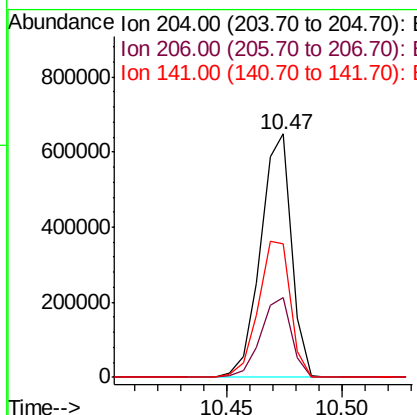
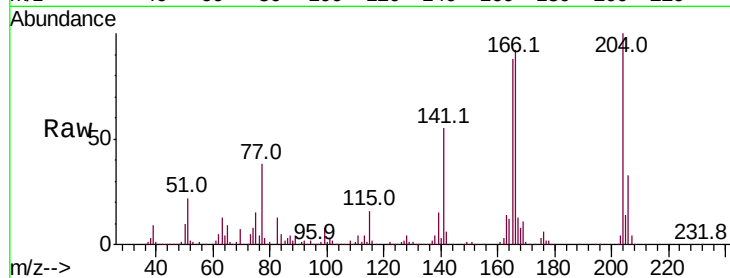
#61
 4-Chlorophenyl-phenylether
 Concen: 42.704 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion:	204	Resp:	607794
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.1	39.1
141	55.0	45.8	68.6

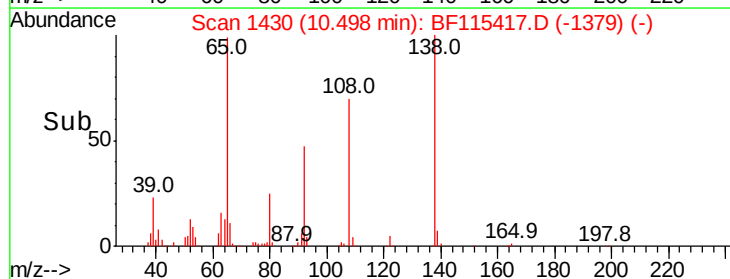
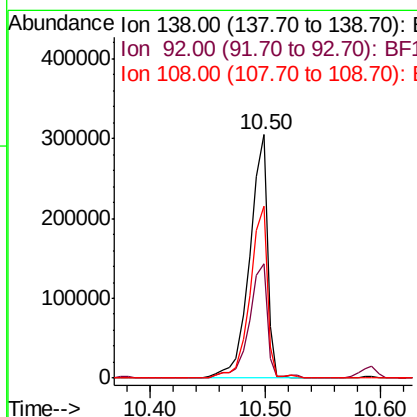
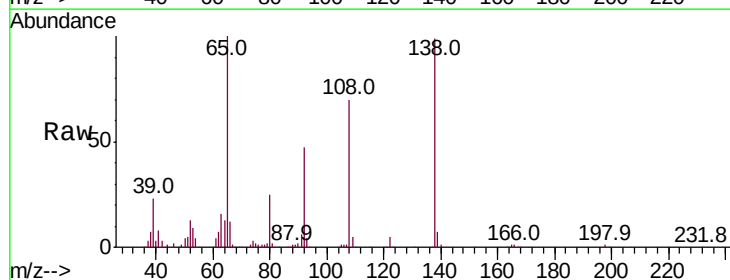
Manual Integrations
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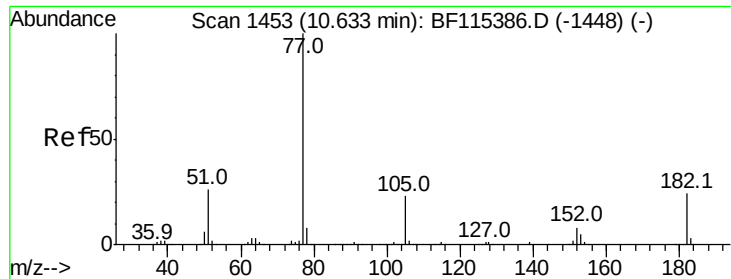
mohammad
 7/10/2019 9:04:35 AM



#62
 4-Nitroaniline
 Concen: 41.131 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion:	138	Resp:	323768
Ion Ratio	Lower	Upper	
138	100		
92	47.2	29.3	69.3
108	70.7	53.2	93.2





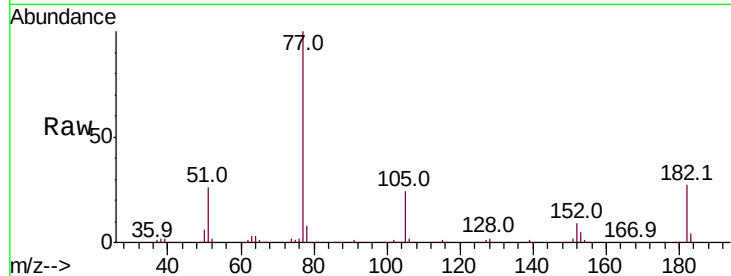
#63
Azobenzene
Concen: 41.852 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

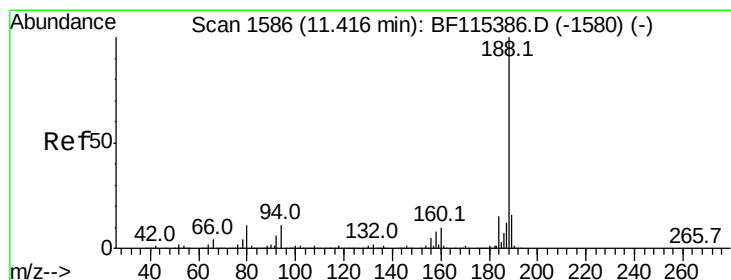
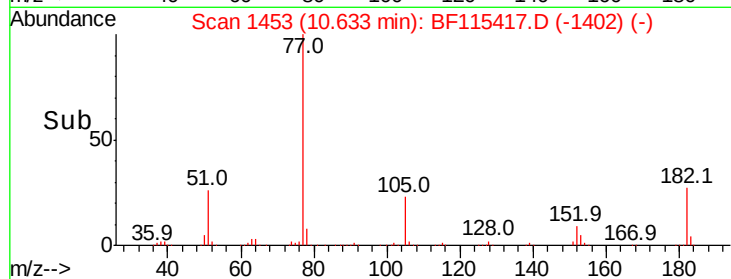
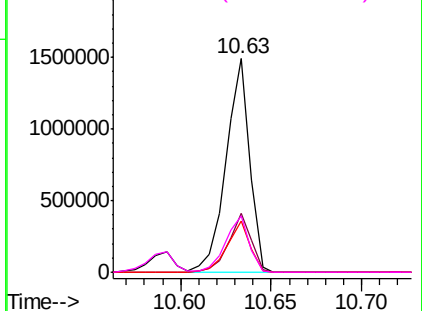
Tot Ion	77	182	105	51
Ratio	100	27.4	23.7	26.4
Lower		4.1	2.6	6.4
Upper		44.1	42.6	46.4

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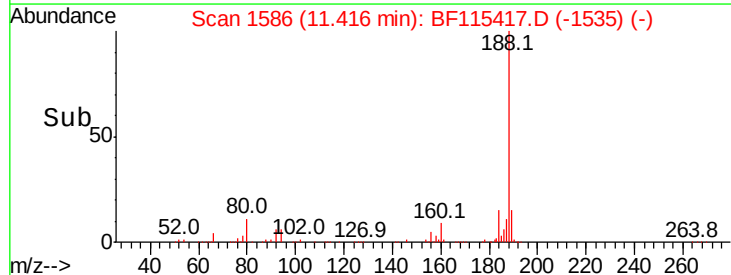
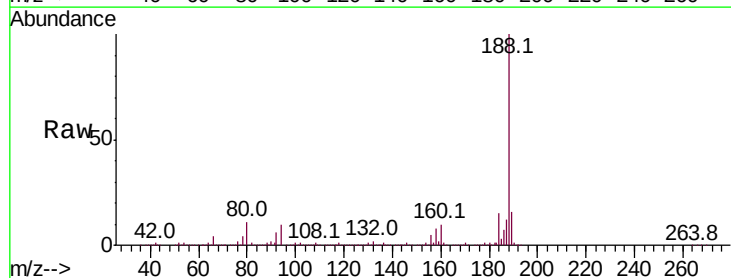
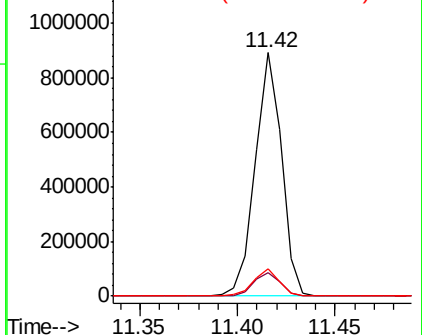
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

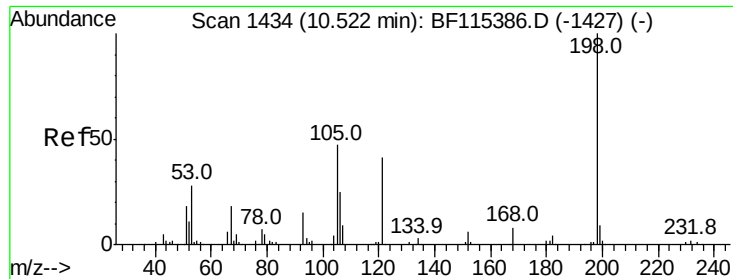


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	188	94	80
Ratio	100	9.9	11.0
Lower		8.5	9.1
Upper		12.7	13.7

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





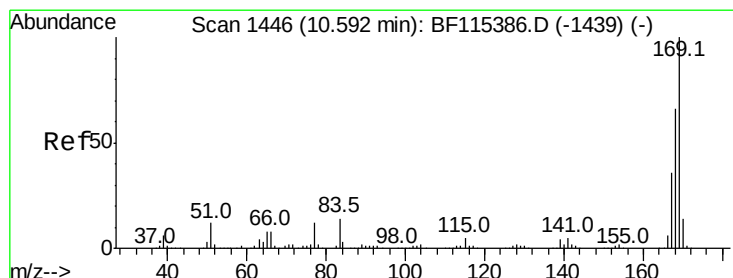
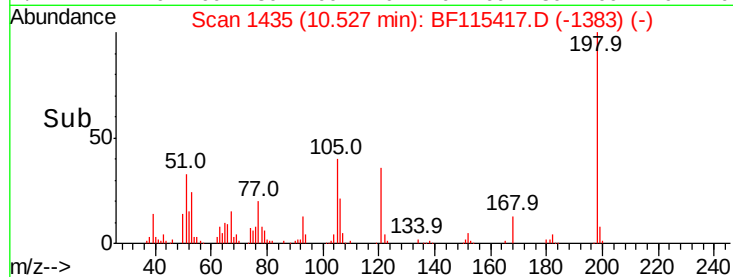
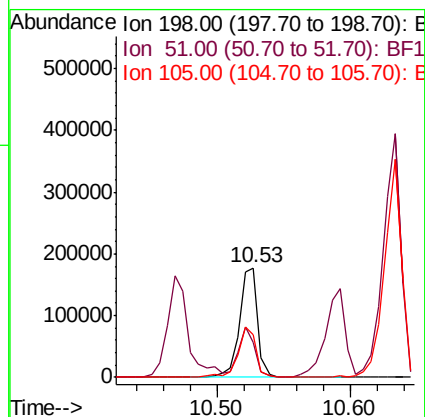
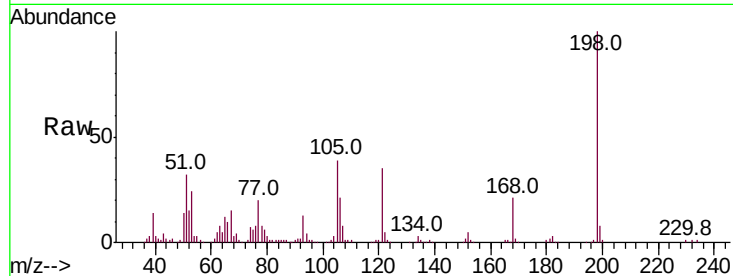
#65
4,6-Dinitro-2-methylphenol
Concen: 43.007 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	169021		
51	32.5	25.4	65.4	
105	39.3	27.9	67.9	

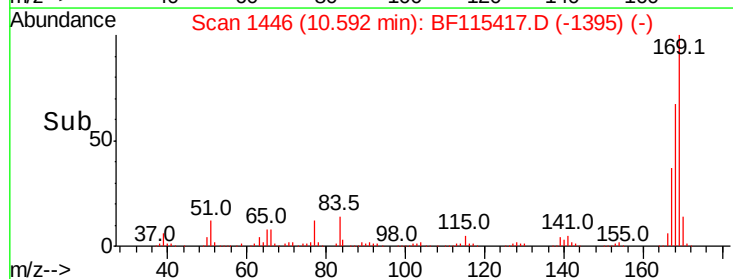
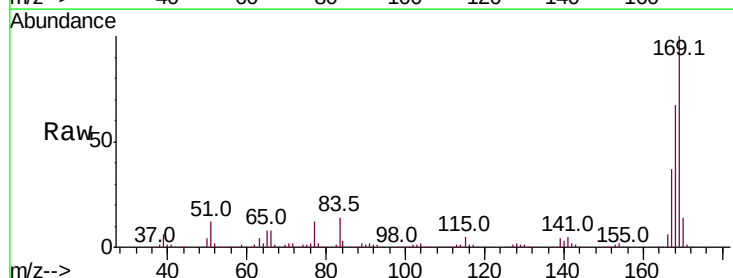
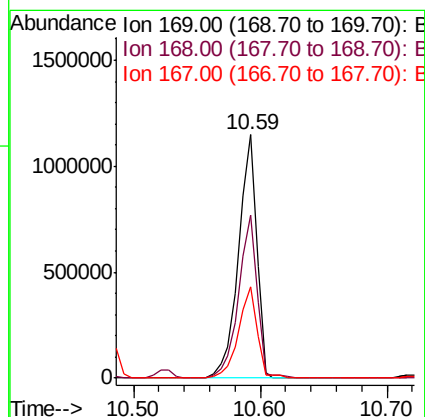
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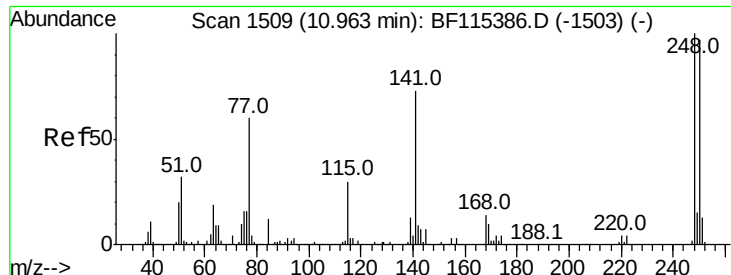
mohammad
7/10/2019 9:04:35 AM



#66
n-Nitrosodiphenylamine
Concen: 42.848 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1133762		
168	67.0	52.6	79.0	
167	37.4	29.2	43.8	





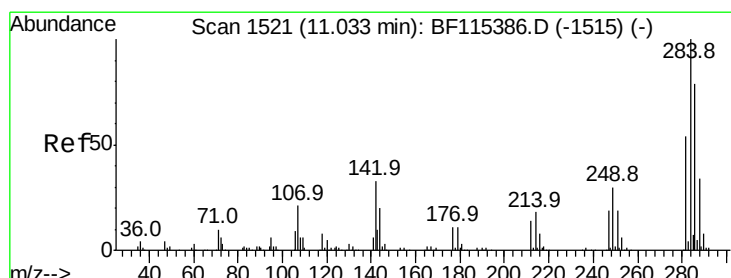
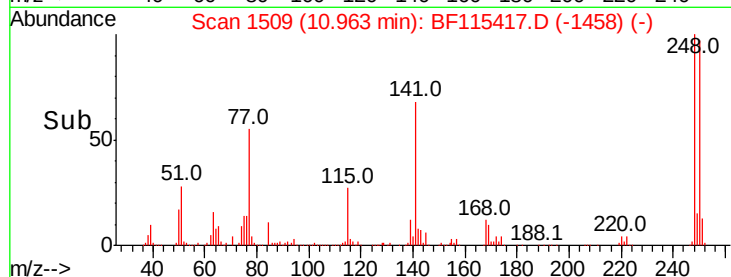
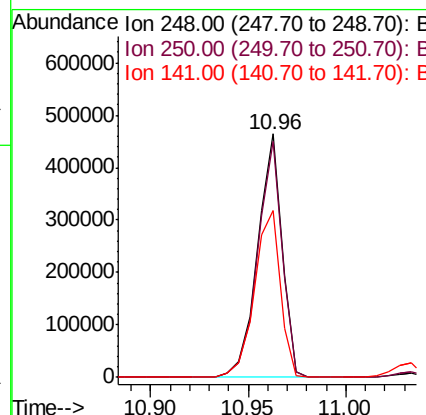
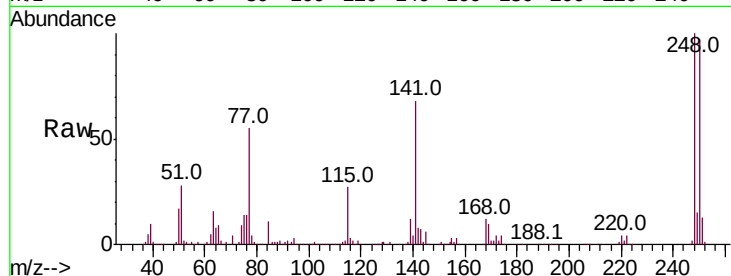
#67
4-Bromophenyl-phenylether
Concen: 42.810 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.3	115.9
141	68.4	58.5	87.7

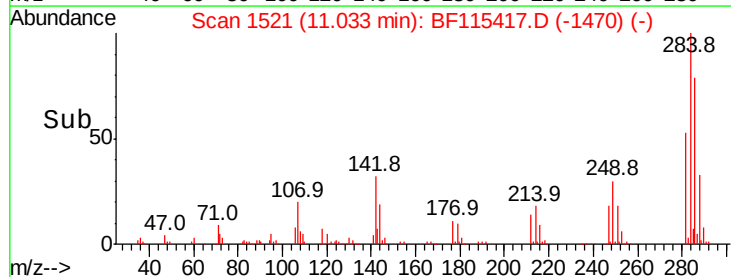
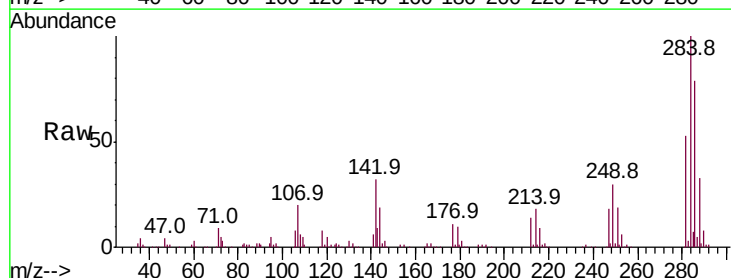
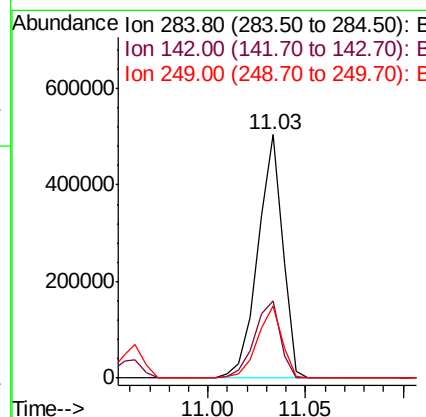
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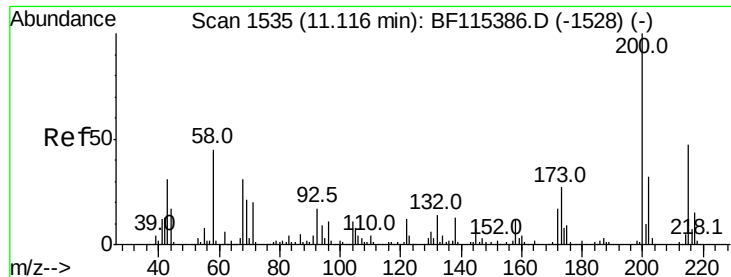
mohammad
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#68
Hexachlorobenzene
Concen: 41.984 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.5	39.7
249	29.8	24.2	36.2





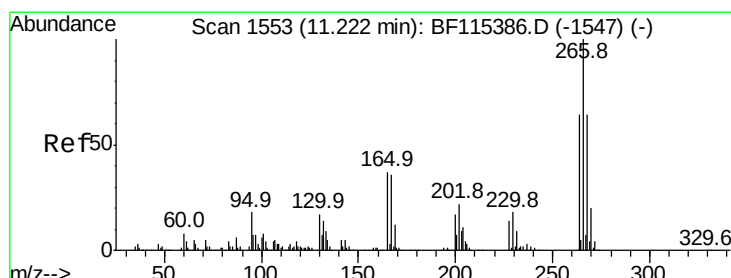
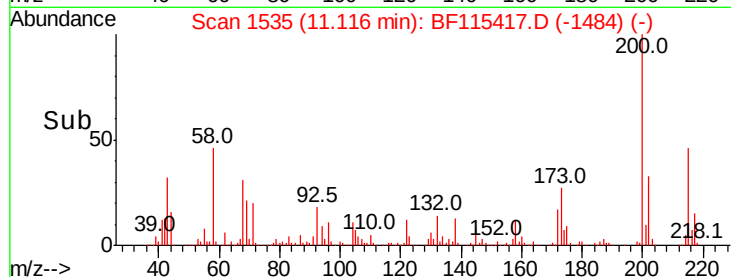
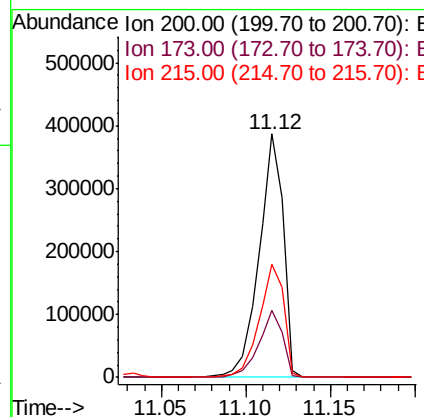
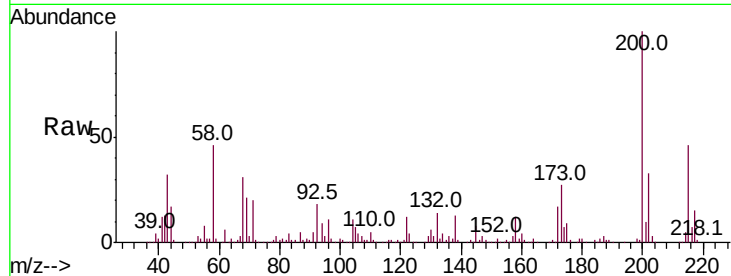
#69
Atrazine
Concen: 47.135 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.1	47.1
215	46.5	27.5	67.5

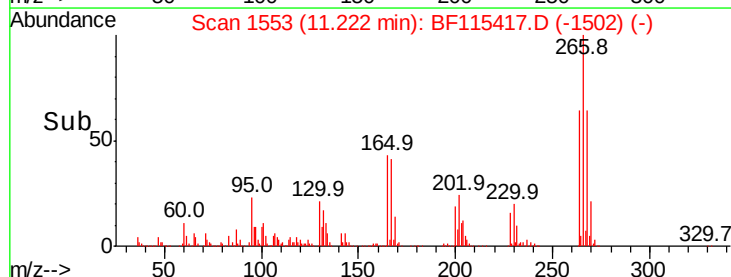
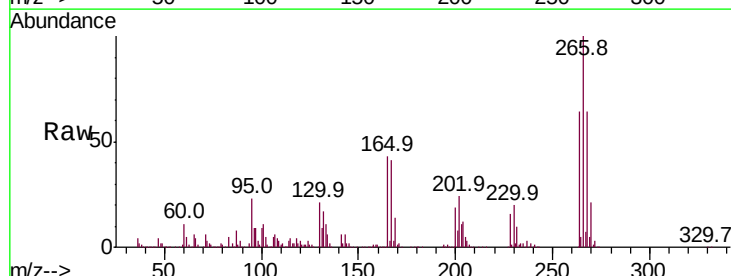
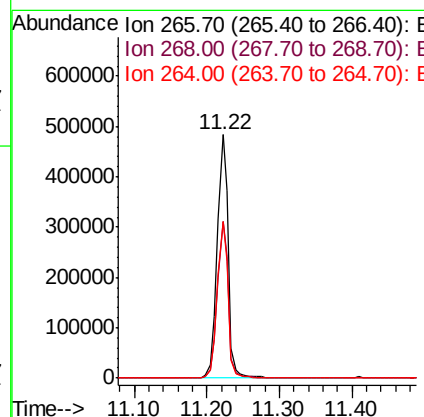
Manual Integrations
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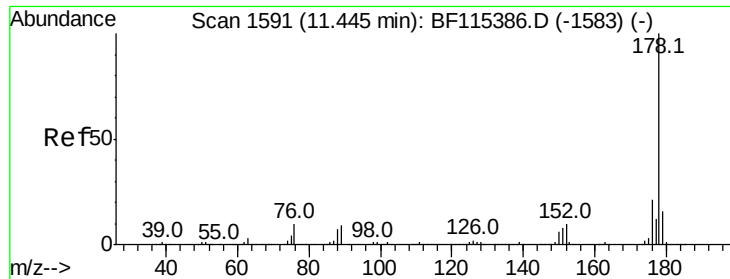
mohammad
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#70
Pentachlorophenol
Concen: 79.494 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.3	76.9
264	64.4	51.6	77.4





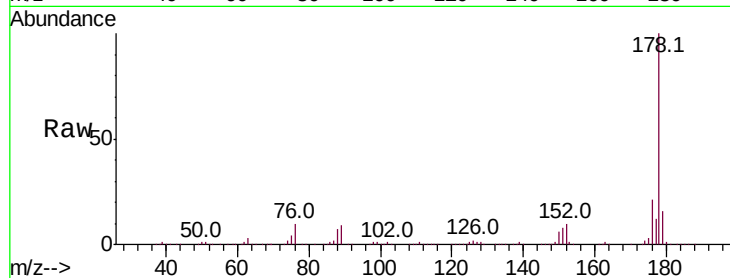
#71
Phenanthrene
Concen: 41.183 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

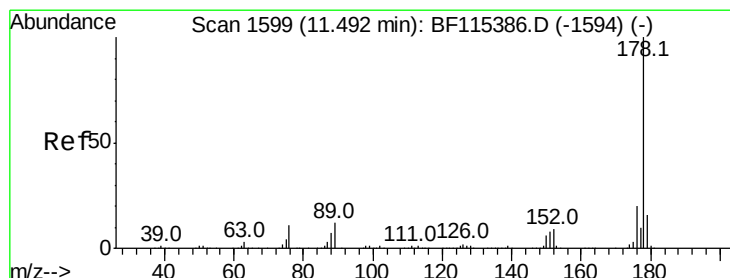
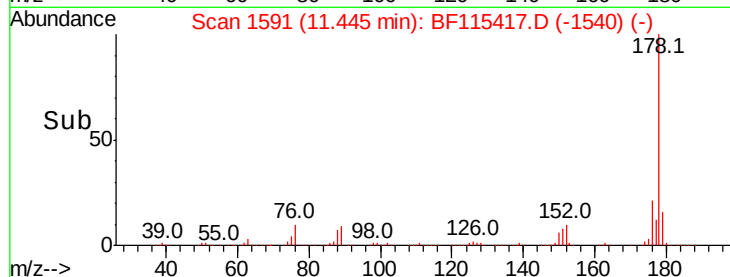
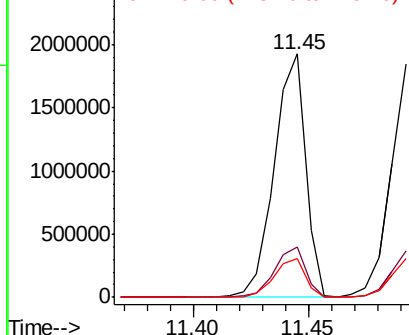
Tot Ion:178 Resp: 1818887
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.2 13.0 19.6

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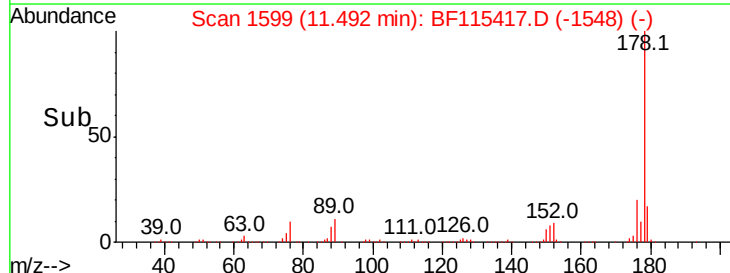
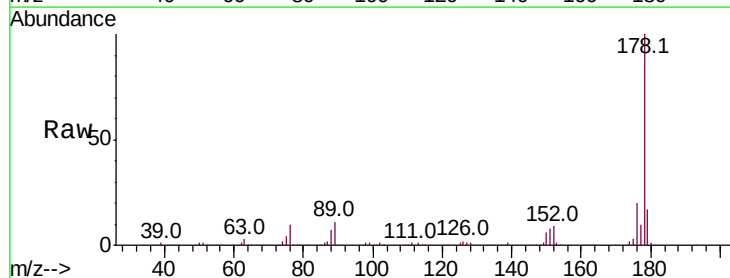
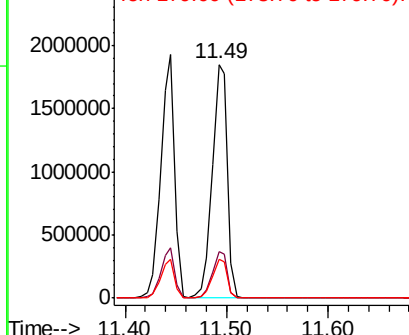
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

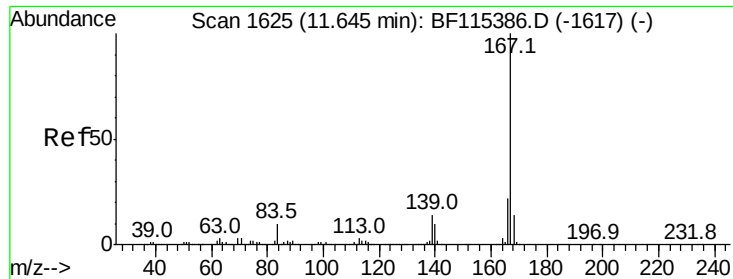


#72
Anthracene
Concen: 43.061 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion:178 Resp: 1907119
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.6 13.1 19.7

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: 41.399 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

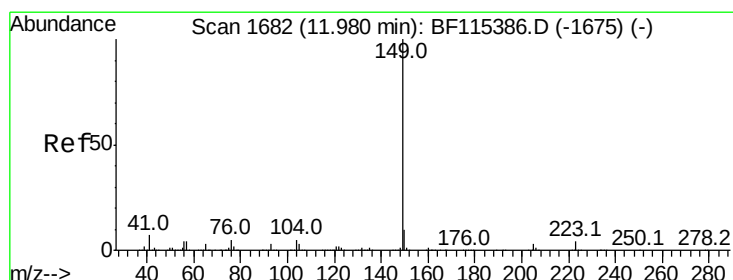
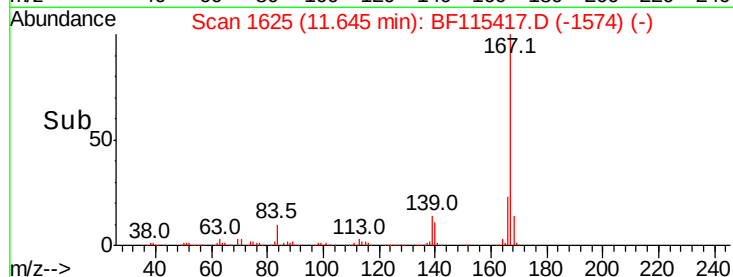
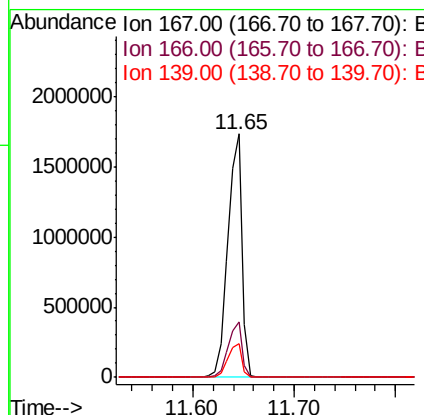
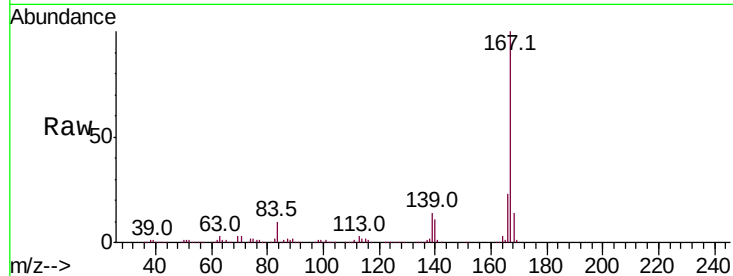
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion:167 Resp: 1677353

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	13.9	11.0	16.6

Manual Integrations
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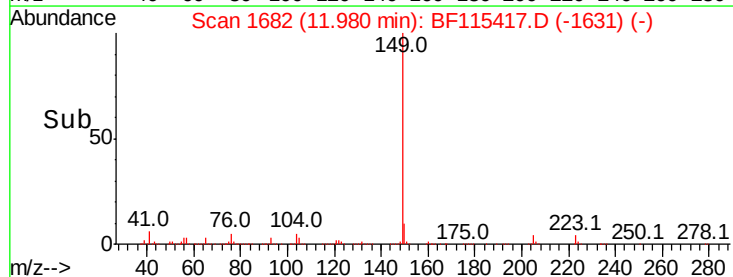
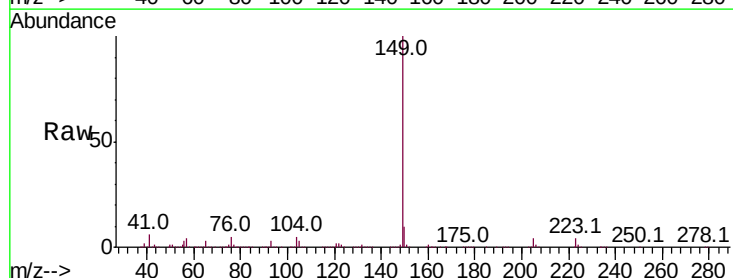
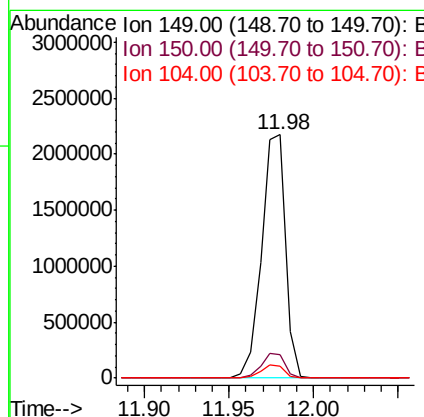
mohammad
 7/10/2019 9:04:35 AM

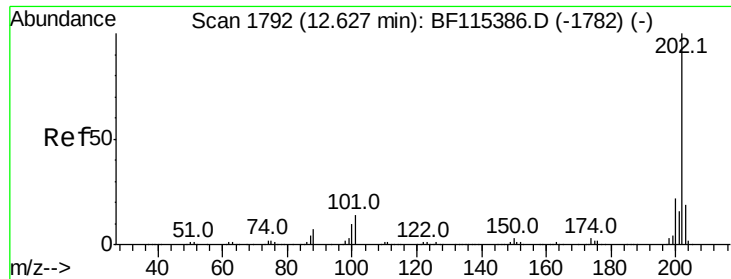


#74
 Di-n-butylphthalate
 Concen: 43.721 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion:149 Resp: 2140872

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.2	4.4	6.6





#75

Fluoranthene

Concen: 41.535 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

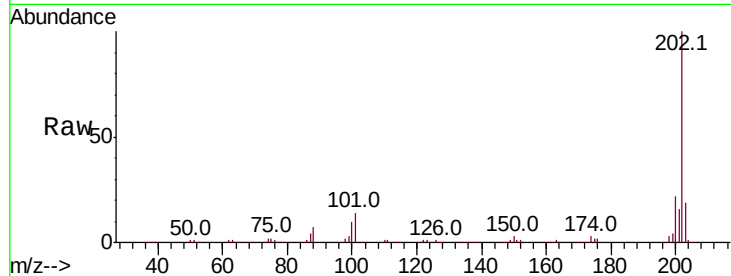
ClientSampleId :

OR-02-070319-AMSD

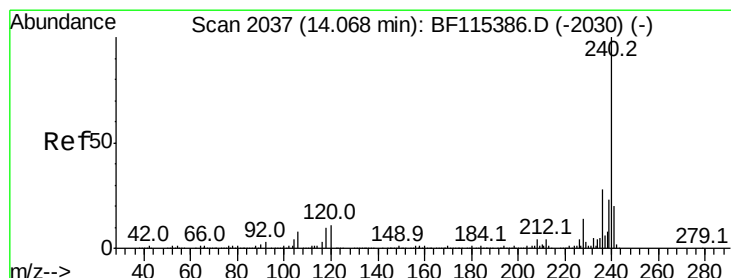
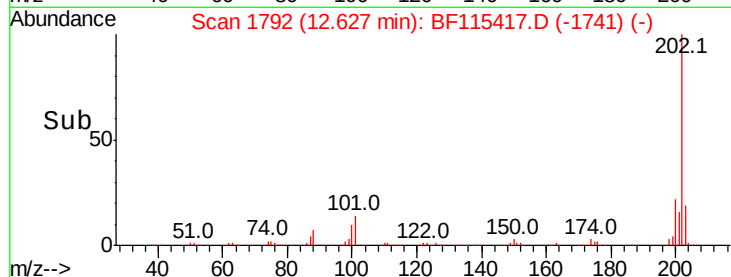
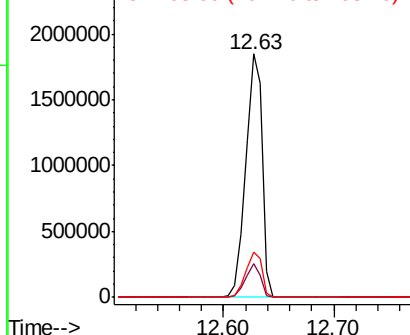
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1931500		
101	13.8	0.0	34.0	
203	18.8	0.0	38.5	

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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

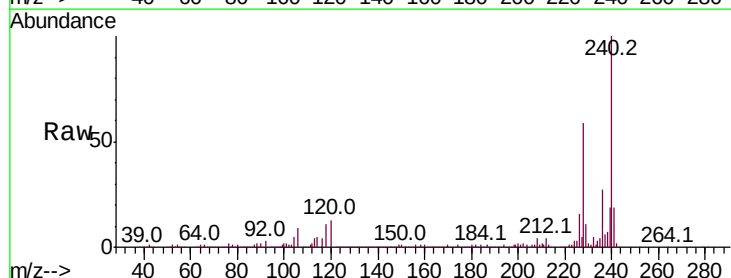
RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

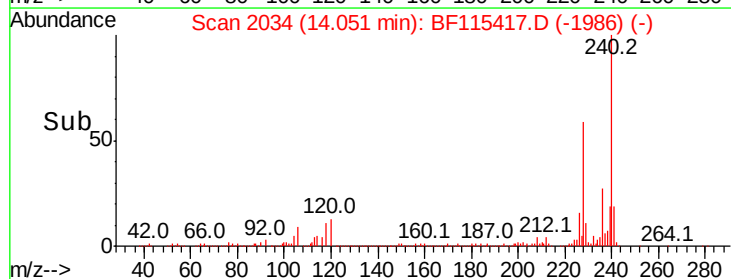
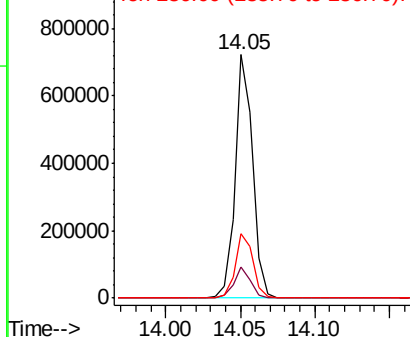
Lab File: BF115417.D

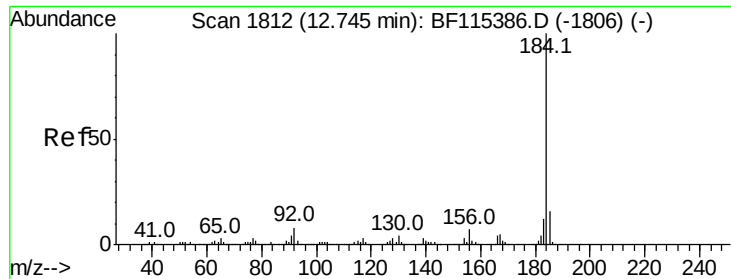
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	595067		
120	12.9	9.1	13.7	
236	26.7	22.5	33.7	



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: 21.779 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion:184 Resp: 505392

Ion Ratio Lower Upper

184 100

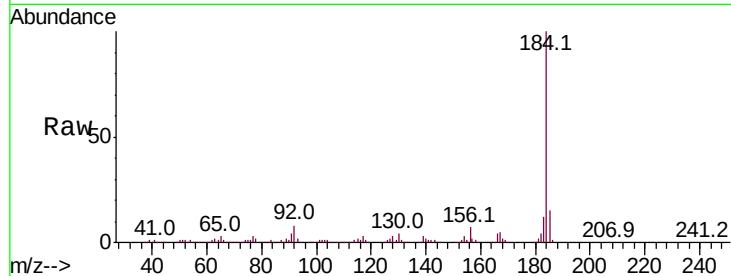
185 14.6 12.6 18.8

183 11.6 9.4 14.0

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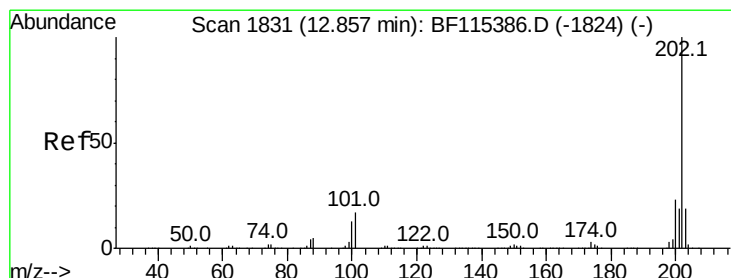
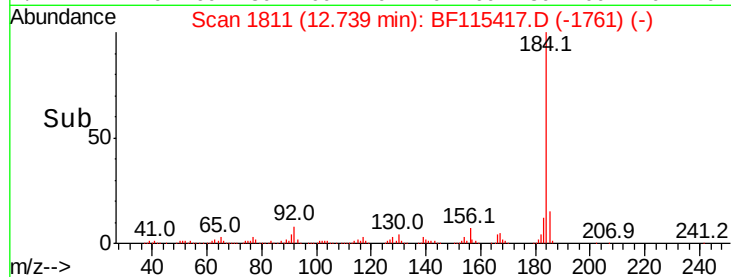
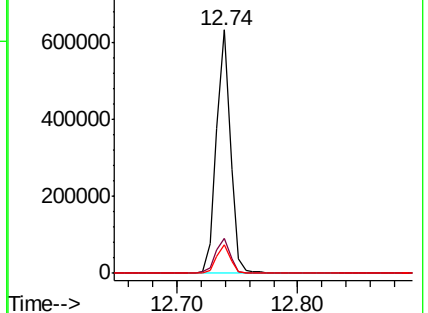
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.424 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

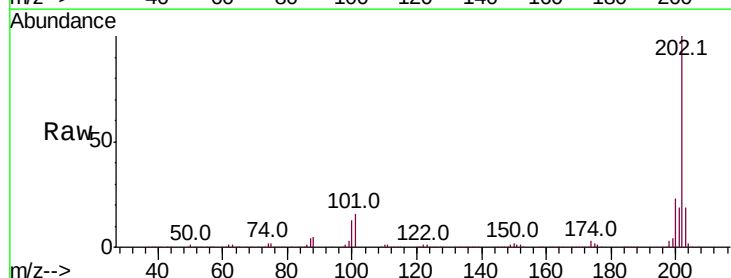
Tgt Ion:202 Resp: 1963180

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.4

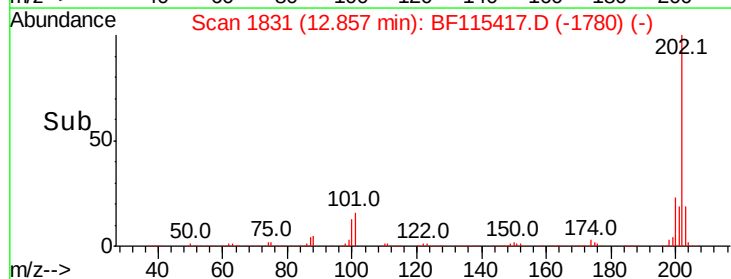
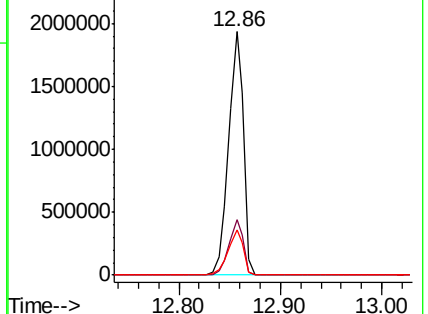
203 18.7 14.8 22.2

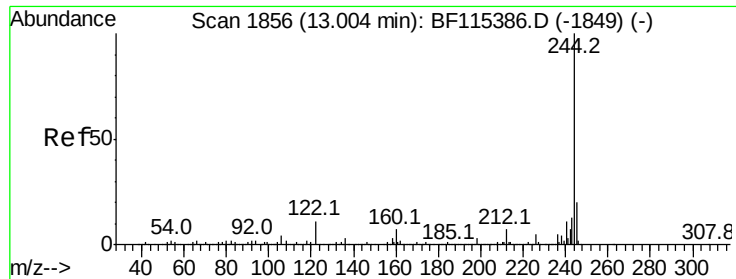


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.645 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion:244 Resp: 2547219

Ion Ratio Lower Upper

244 100

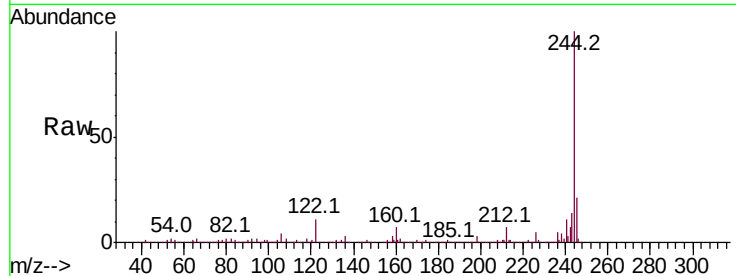
212 7.1 5.7 8.5

122 11.0 9.1 13.7

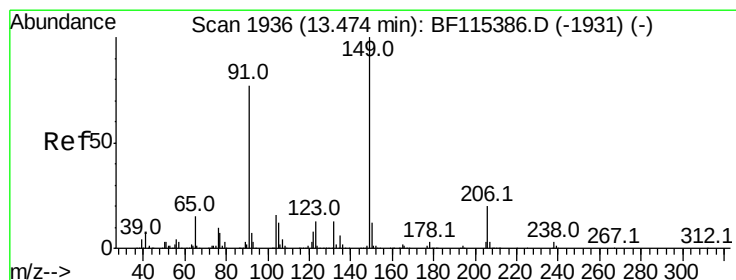
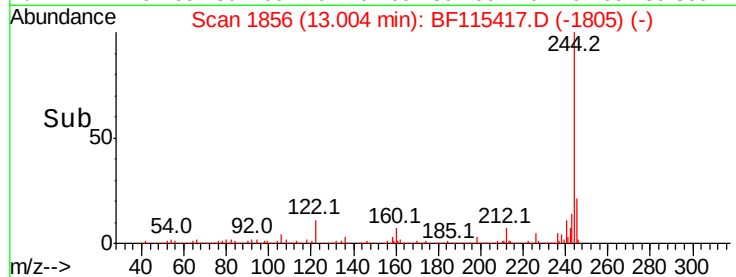
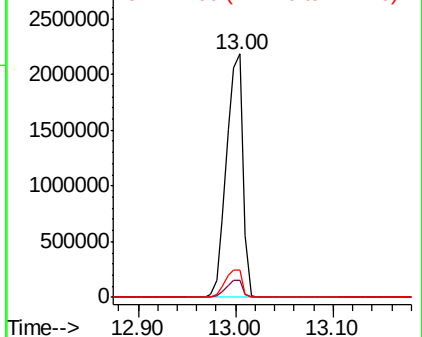
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.940 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

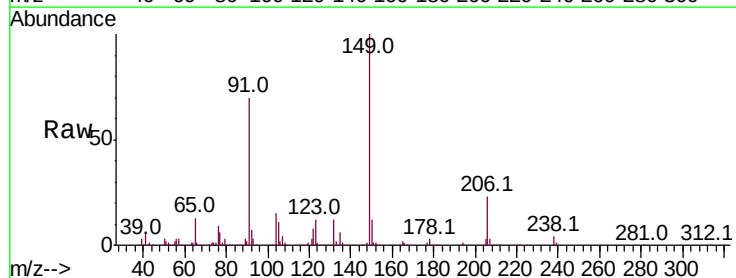
Tgt Ion:149 Resp: 908622

Ion Ratio Lower Upper

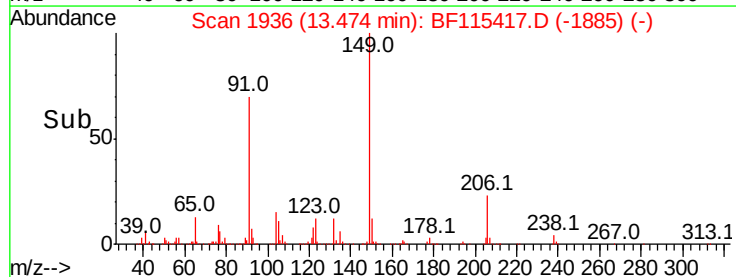
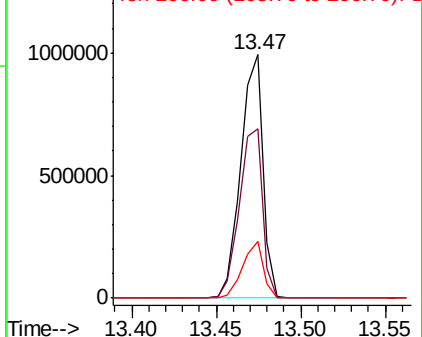
149 100

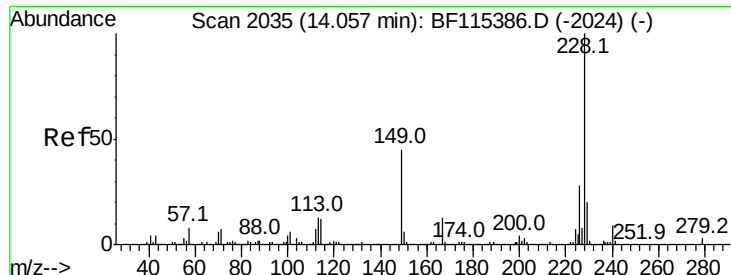
91 69.6 61.4 92.0

206 23.4 16.1 24.1



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





#81

Benzo(a)anthracene

Concen: 39.970 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion:228 Resp: 1523977

Ion Ratio Lower Upper

228 100

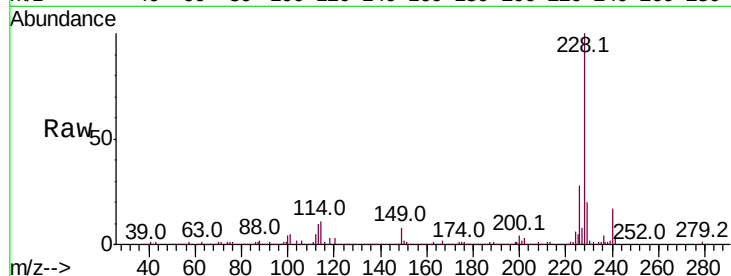
226 28.1 22.7 34.1

229 20.0 16.3 24.5

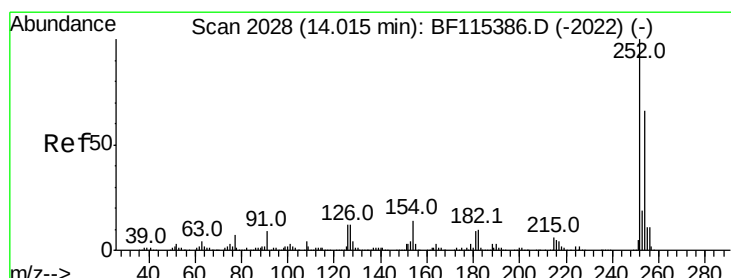
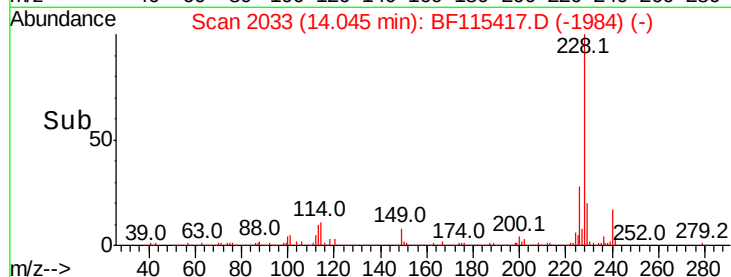
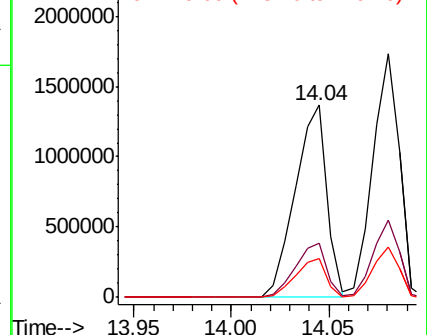
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.023 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

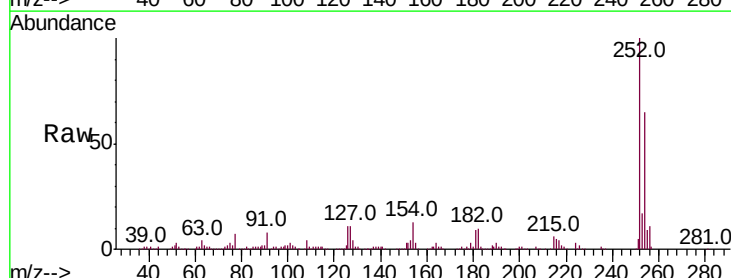
Tgt Ion:252 Resp: 235518

Ion Ratio Lower Upper

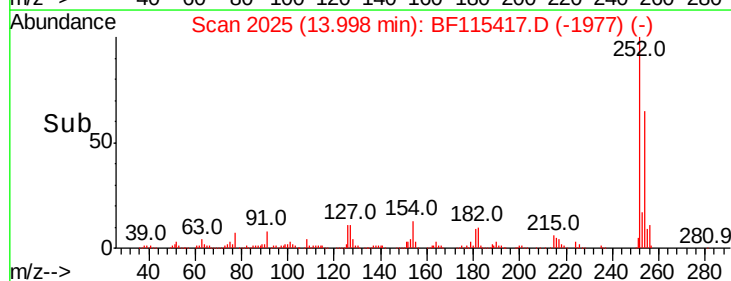
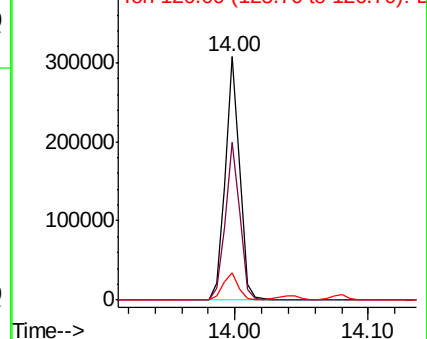
252 100

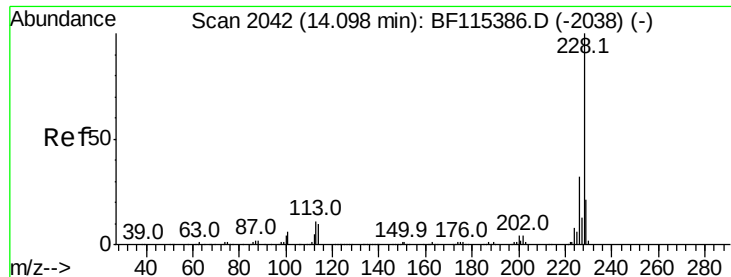
254 65.0 53.0 79.4

126 11.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





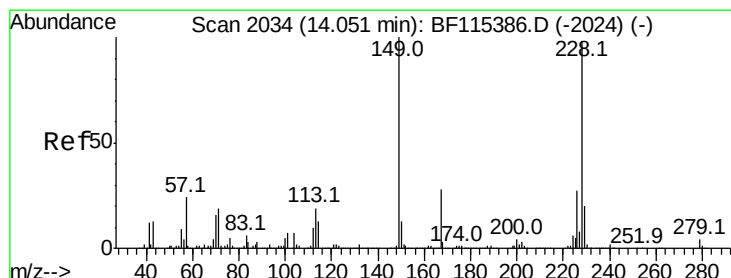
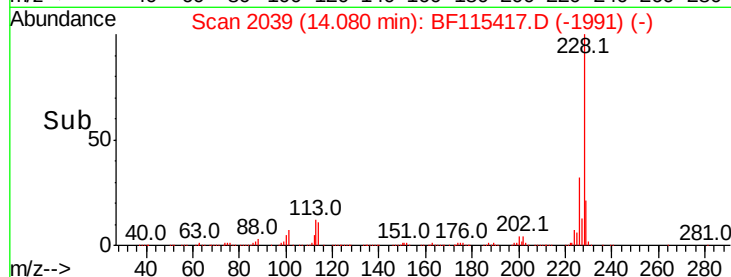
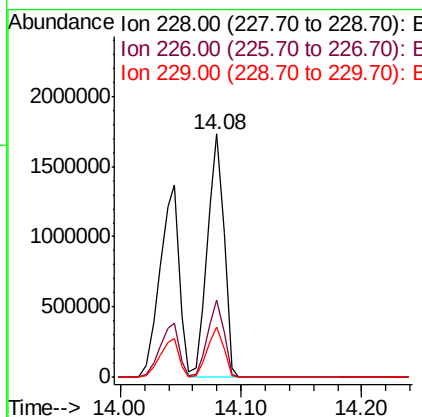
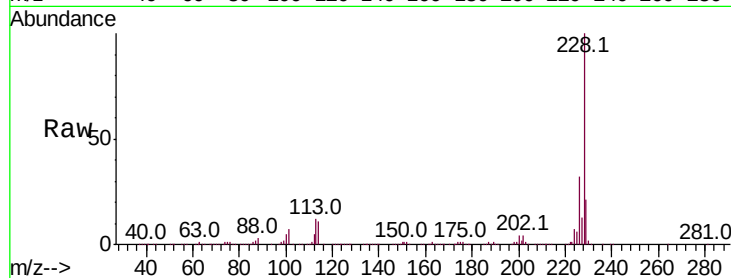
#83
 Chrysene
 Concen: 41.665 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.7	38.5
229	20.8	16.6	25.0

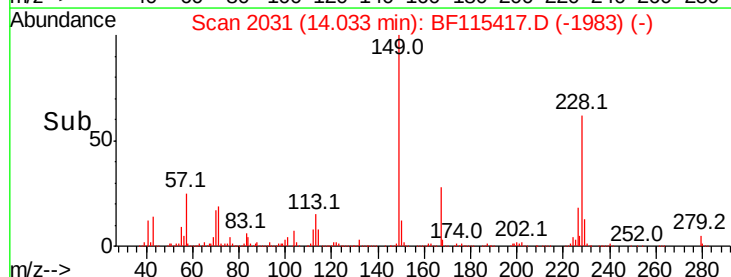
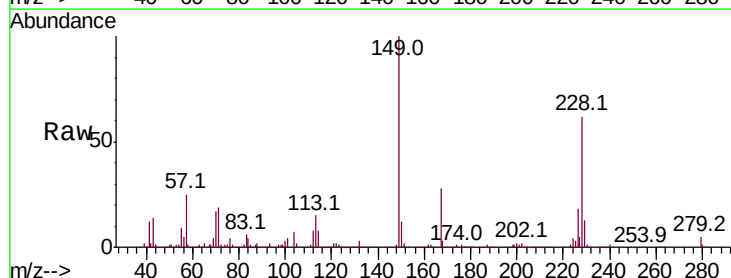
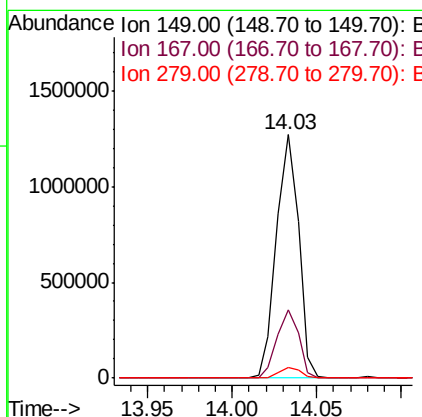
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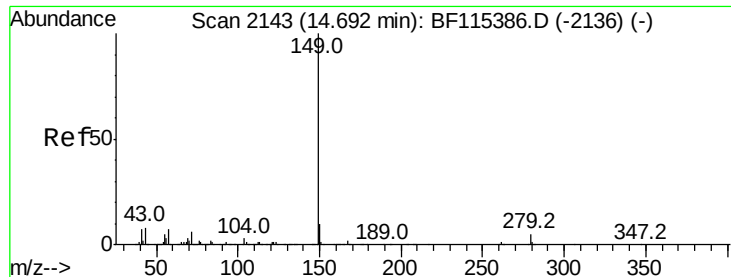
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.427 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115417.D
 Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.6	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 47.136 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.05 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMSD

Tot Ion:149 Resp: 2101047

Ion Ratio Lower Upper

149 100

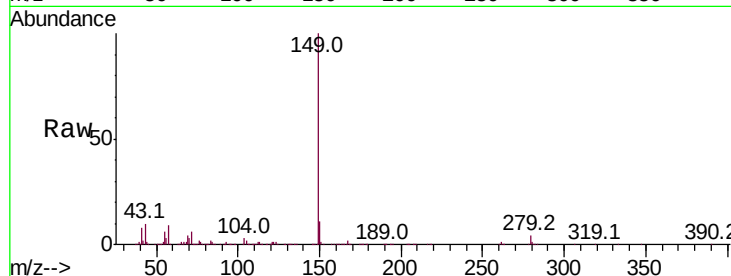
167 1.7 1.3 1.9

43 9.2 7.6 11.4

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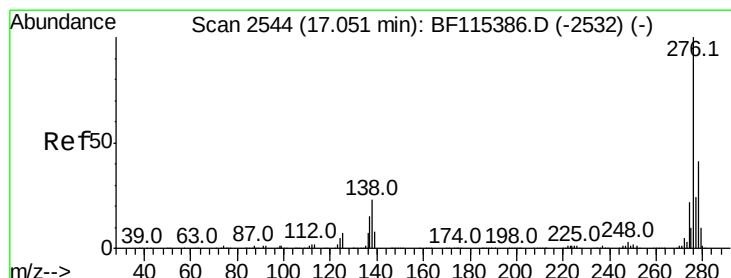
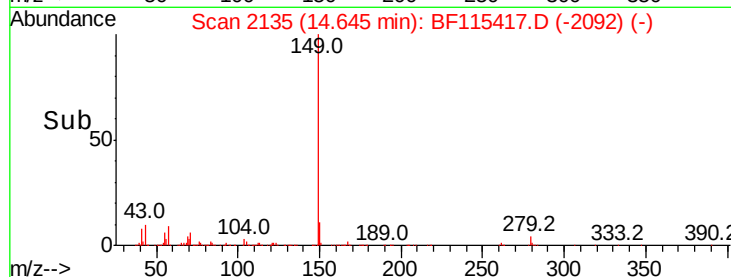
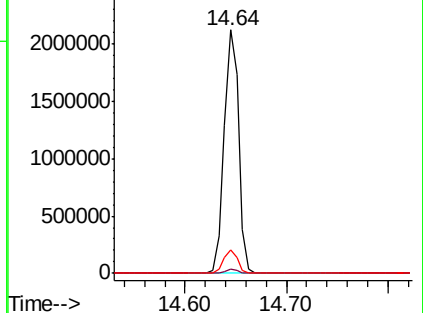
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.401 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.04 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

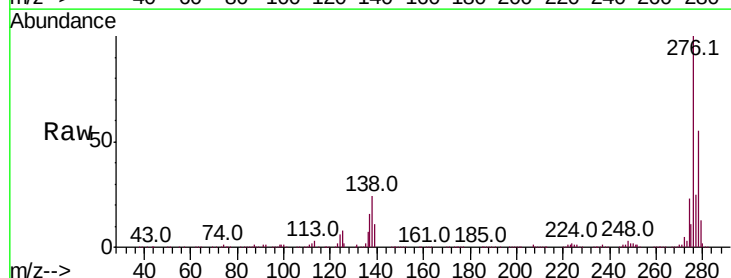
Tgt Ion:276 Resp: 1455041

Ion Ratio Lower Upper

276 100

138 25.5 0.0 0.0#

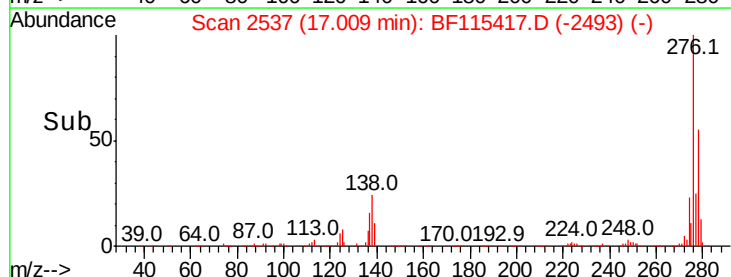
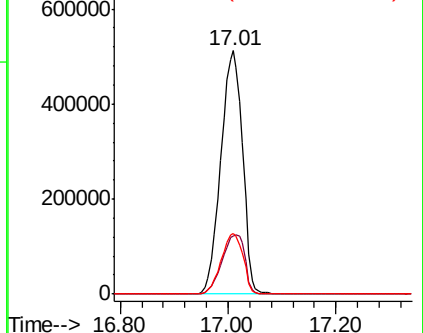
277 25.2 0.0 0.0#

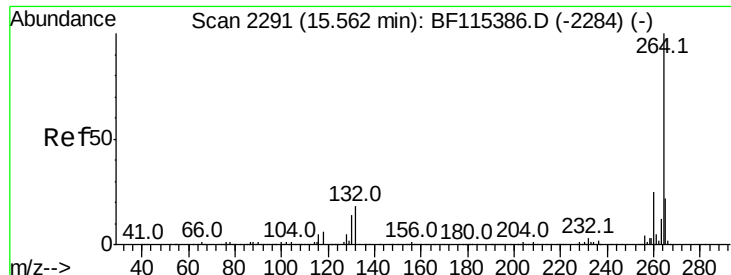


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.04 min

Lab File: BF115417.D

Acq: 8 Jul 2019 20:46

Instrument :

BNA_F

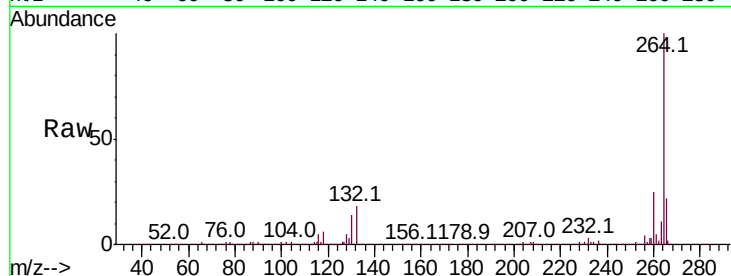
ClientSampleId :

OR-02-070319-AMSD

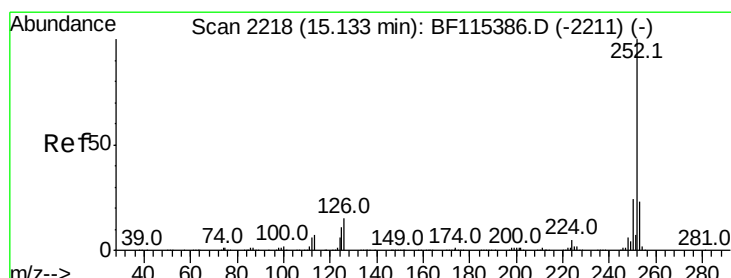
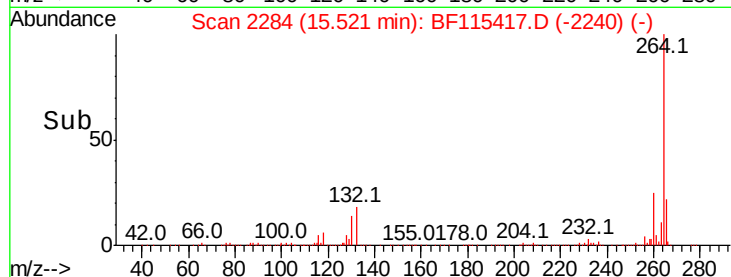
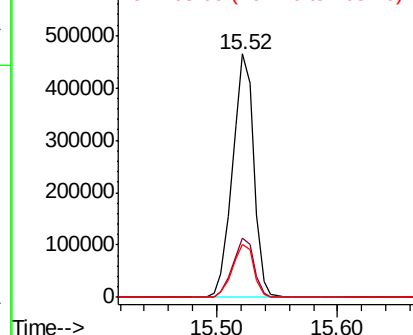
Tot Ion:	264	Resp:	569909
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	21.6	17.4	26.2

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



#88

Benzo(b)fluoranthene

Concen: 42.120 ng

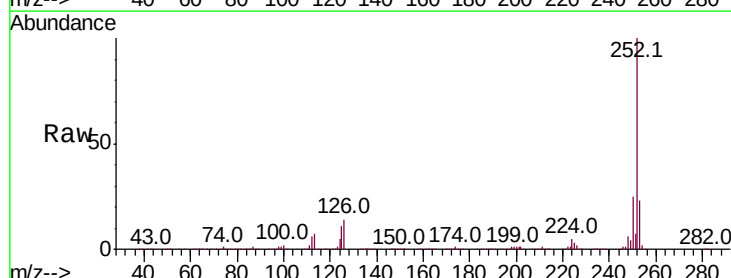
RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

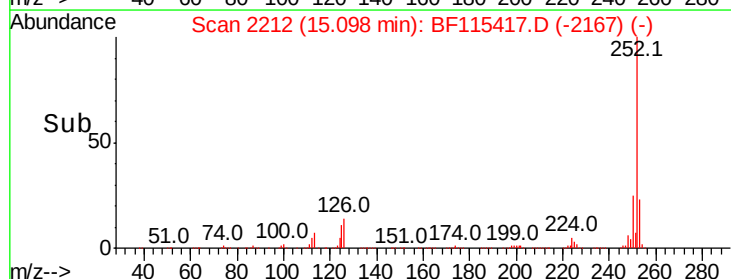
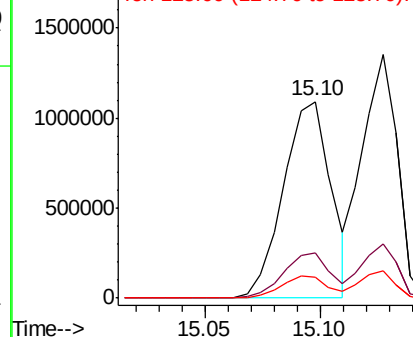
Lab File: BF115417.D

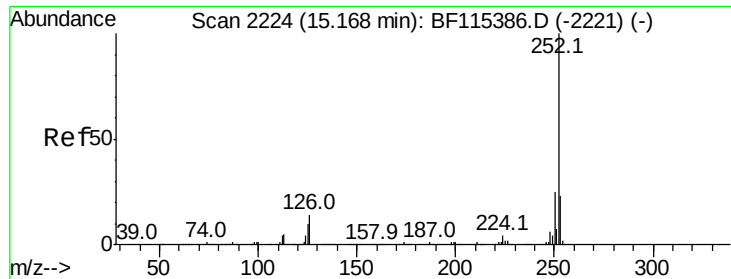
Acq: 8 Jul 2019 20:46

Tgt Ion:	252	Resp:	1562914
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	10.9	9.0	13.6



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





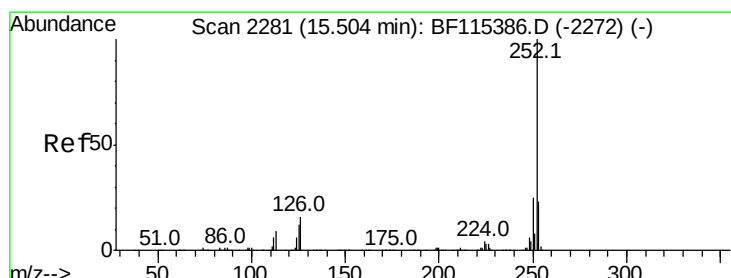
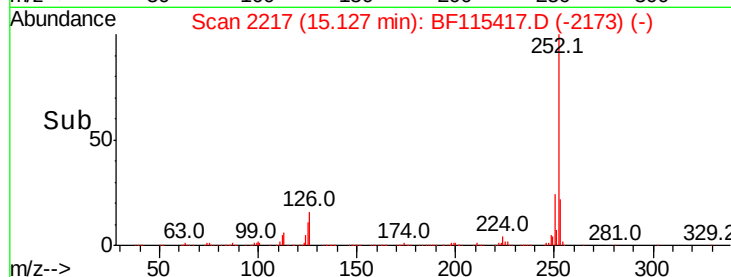
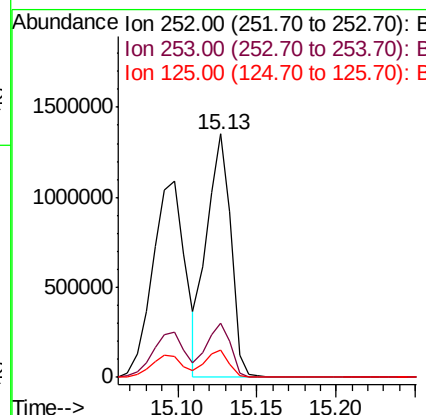
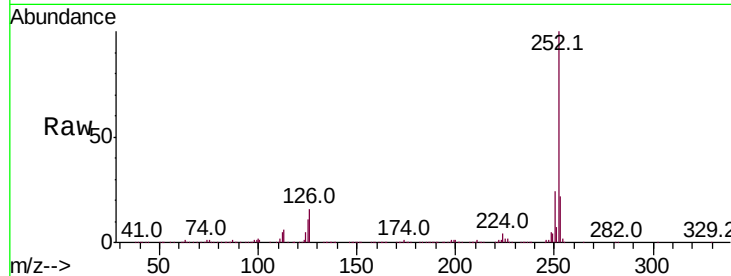
#89
Benzo(k)fluoranthene
Concen: 43.558 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	11.2	8.3	12.5

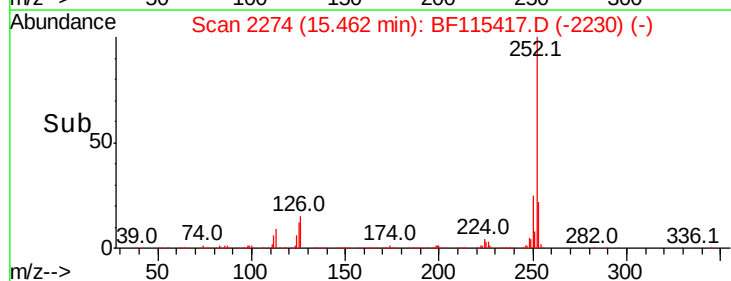
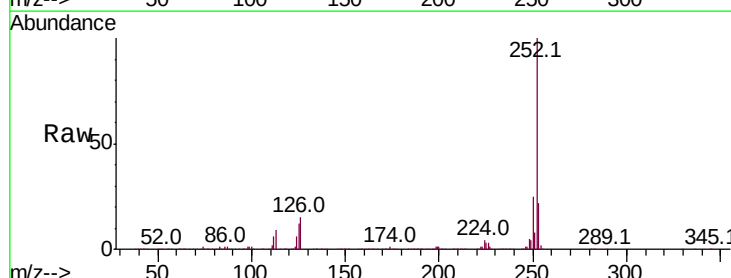
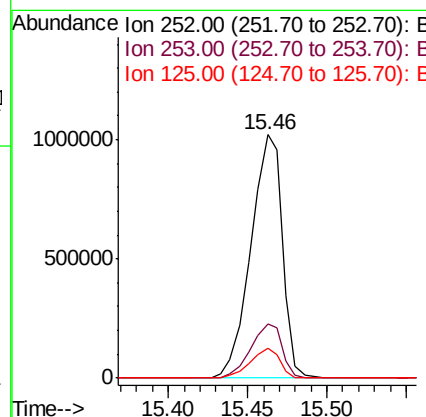
Manual Integrations
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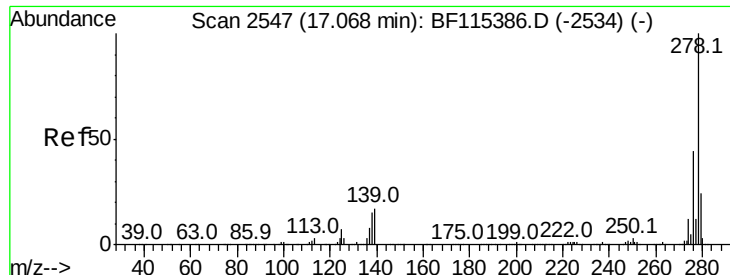
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7/10/2019 9:04:35 AM



#90
Benzo(a)pyrene
Concen: 43.998 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.1	10.0	15.0





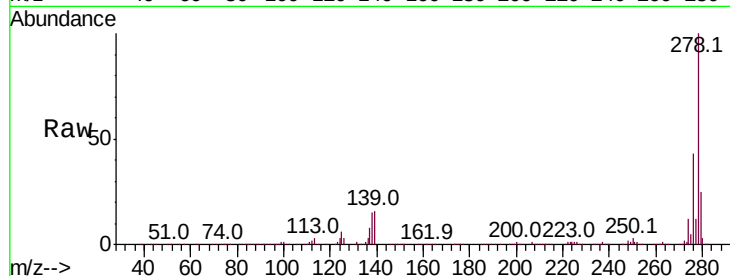
#91
Dibenzo(a,h)anthracene
Concen: 44.416 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.04 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMSD

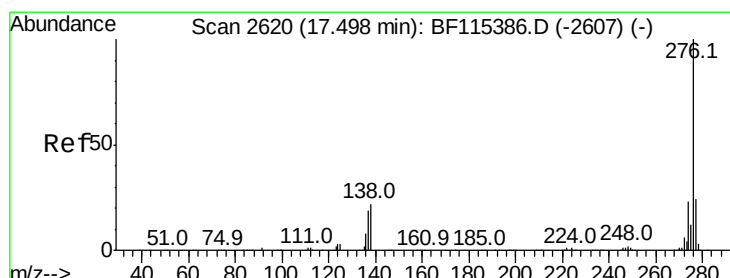
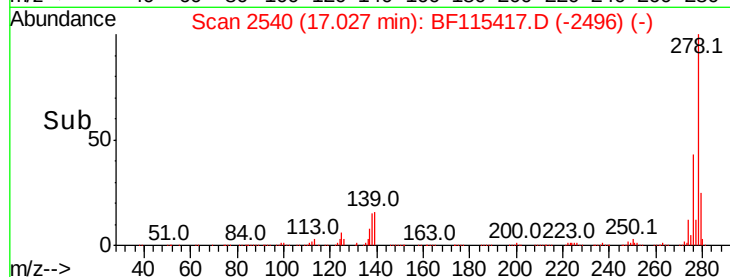
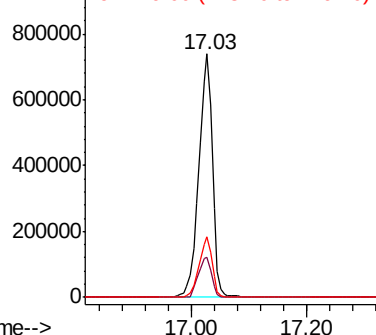
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.4	20.2
279	24.8	19.4	29.0

Manual Integrations
APPROVED

mohammad
7/10/2019 9:04:35 AM



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



#92
Benzo(g,h,i)perylene
Concen: 46.300 ng
RT: 17.46 min Scan# 2613
Delta R.T. -0.04 min
Lab File: BF115417.D
Acq: 8 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	22.0	17.8	26.6

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

