

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116024.D
 Acq On : 6 Aug 2019 20:15
 Operator : HP/JU
 Sample : K4129-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:17:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129481	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	498949	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	268180	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	475592	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	338809	20.00	ng	-0.02
87) Perylene-d12	15.47	264	374014	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	935429	120.94	ng	0.02
7) Phenol-d6	6.49	99	1161513	119.03	ng	0.00
23) Nitrobenzene-d5	7.41	82	863914	99.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	358051	137.71	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1510058	105.47	ng	-0.02
79) Terphenyl-d14	12.94	244	1619000	100.69	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	148211	37.931	ng	# 86
3) Pyridine	3.51	79	284959	26.107	ng	98
4) n-Nitrosodimethylamine	3.43	42	174173	40.435	ng	96
6) Aniline	6.52	93	129159	9.242	ng	# 83
8) 2-Chlorophenol	6.63	128	382886	44.767	ng	95
9) Benzaldehyde	6.40	77	189709	28.175	ng	98
10) Phenol	6.50	94	424636	36.952	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	387750	45.894	ng	99
12) 1,3-Dichlorobenzene	6.79	146	425644	43.062	ng	98
13) 1,4-Dichlorobenzene	6.86	146	431852	43.635	ng	98
14) 1,2-Dichlorobenzene	7.02	146	398480	43.726	ng	99
15) Benzyl Alcohol	6.99	79	334616	45.184	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	506077	43.915	ng	93
17) 2-Methylphenol	7.10	107	323066	44.609	ng	96
18) Hexachloroethane	7.36	117	159146	43.675	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	275645	45.583	ng	98
20) 3+4-Methylphenols	7.26	107	390829	45.604	ng	# 72
22) Acetophenone	7.25	105	547060	49.993	ng	98
24) Nitrobenzene	7.43	77	445122	47.692	ng	97
25) Isophorone	7.66	82	802772	48.569	ng	99
26) 2-Nitrophenol	7.74	139	214049	48.652	ng	99
27) 2,4-Dimethylphenol	7.78	122	348572	52.662	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	493668	48.188	ng	99
29) 2,4-Dichlorophenol	7.99	162	343849	49.200	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	372757	46.790	ng	99
31) Naphthalene	8.15	128	1144822	48.758	ng	100
32) Benzoic acid	7.90	122	100440	21.523	ng	99
33) 4-Chloroaniline	8.20	127	88933	8.477	ng	99
34) Hexachlorobutadiene	8.26	225	211771	46.150	ng	99
35) Caprolactam	8.56	113	46946	20.769	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	354697	48.785	ng	99
37) 2-Methylnaphthalene	8.84	142	778648	50.355	ng	99
38) 1-Methylnaphthalene	8.93	142	729446	49.864	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	354426	49.435	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	182000	58.282	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	224781	45.549	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	241279	47.298	ng	96
46) 1,1'-Biphenyl	9.30	154	954982	50.439	ng	99
47) 2-Chloronaphthalene	9.33	162	747101	47.410	ng	99
48) 2-Nitroaniline	9.42	65	233172	44.766	ng	92
49) Acenaphthylene	9.74	152	1140933	49.628	ng	100
50) Dimethylphthalate	9.60	163	873622	47.843	ng	100
51) 2,6-Dinitrotoluene	9.66	165	192961	48.627	ng	88
52) Acenaphthene	9.91	154	678993	48.142	ng	100
53) 3-Nitroaniline	9.83	138	75226	15.342	ng	97
54) 2,4-Dinitrophenol	9.95	184	81800	44.384	ng	96
55) Dibenzofuran	10.09	168	1010659	49.275	ng	98
56) 4-Nitrophenol	10.01	139	244646	77.887	ng	96
57) 2,4-Dinitrotoluene	10.07	165	247274	46.802	ng	95
58) Fluorene	10.43	166	774694	49.092	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	202406	47.162	ng	98
60) Diethylphthalate	10.30	149	833870	48.913	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	387985	48.547	ng	99
62) 4-Nitroaniline	10.45	138	201961	39.856	ng	99
63) Azobenzene	10.57	77	867577	49.477	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	80658	32.003	ng	97
66) n-Nitrosodiphenylamine	10.54	169	694538	48.519	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	240933	47.323	ng	98
68) Hexachlorobenzene	10.98	284	268020	45.526	ng	99
69) Atrazine	11.06	200	220523	46.827	ng	99
70) Pentachlorophenol	11.17	266	207307	72.531	ng	98
71) Phenanthrene	11.39	178	1134222	46.650	ng	99
72) Anthracene	11.45	178	1171890	47.626	ng	99
73) Carbazole	11.60	167	1052571	47.150	ng	99
74) Di-n-butylphthalate	11.92	149	1304522	50.093	ng	100
75) Fluoranthene	12.58	202	1180146	46.365	ng	100
77) Benzidine	12.70	184	52994	4.630	ng	98
78) Pyrene	12.81	202	1190872	46.628	ng	100
80) Butylbenzylphthalate	13.42	149	544921	50.439	ng	98
81) Benzo(a)anthracene	13.99	228	987250	45.589	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	140660	18.696	ng	99
83) Chrysene	14.03	228	980251	46.625	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	765605	54.534	ng	100
85) Di-n-octyl phthalate	14.59	149	1219207	54.675	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1140101	64.566	ng	99
88) Benzo(b)fluoranthene	15.04	252	983214	45.465	ng	98
89) Benzo(k)fluoranthene	15.07	252	937154	44.491	ng	99
90) Benzo(a)pyrene	15.41	252	942326	48.745	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	950137	56.779	ng	98
92) Benzo(g,h,i)perylene	17.39	276	963329	58.617	ng	99

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

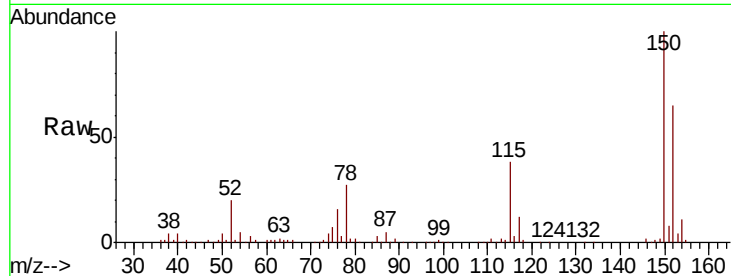


#1

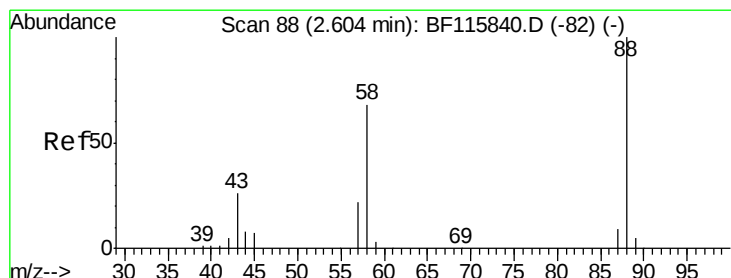
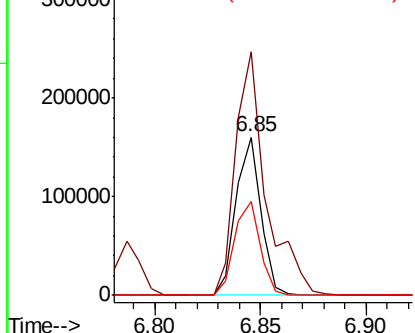
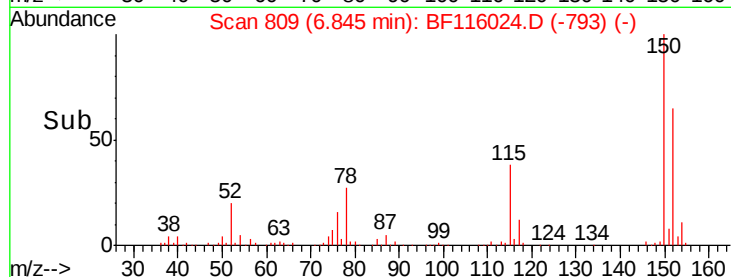
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129481
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.0
115 59.2 51.8 77.8



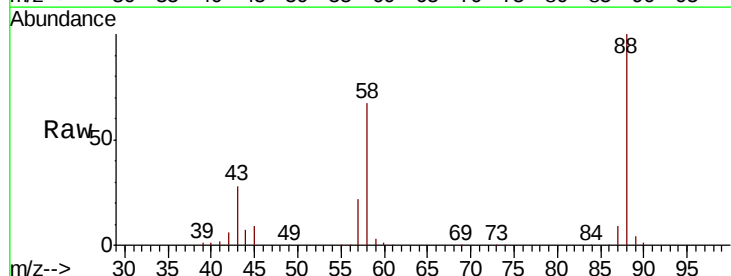
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



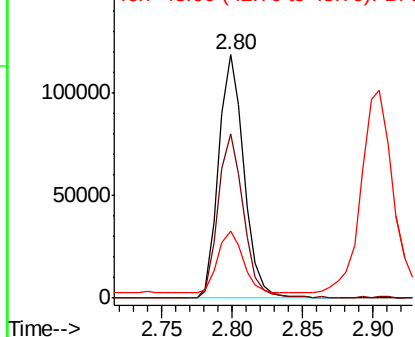
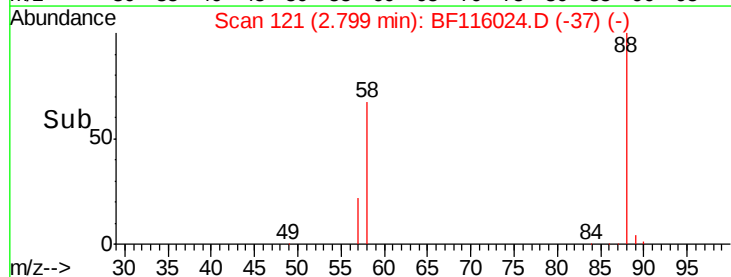
#2

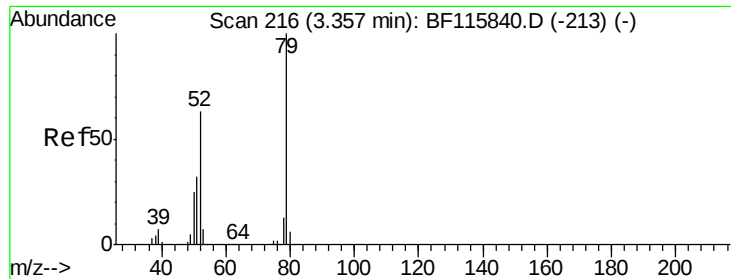
1,4-Dioxane
Concen: 37.931 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.19 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion: 88 Resp: 148211
Ion Ratio Lower Upper
88 100
58 67.7 54.1 81.1
43 0.0 20.7 31.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.107 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.15 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampled :

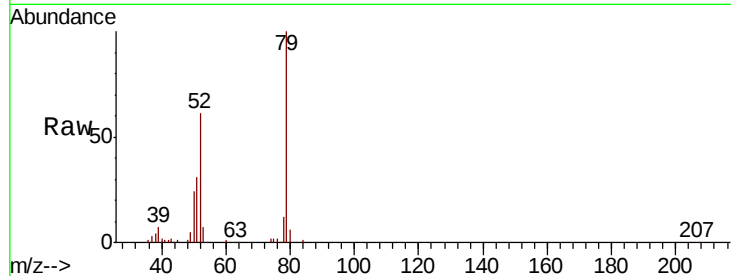
Tot Ion: 79 Resp: 284959

Ion Ratio Lower Upper

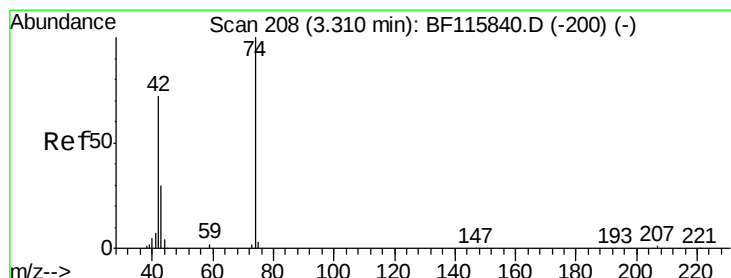
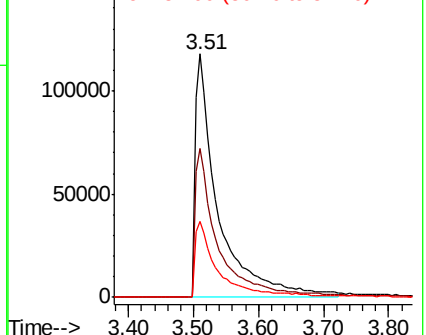
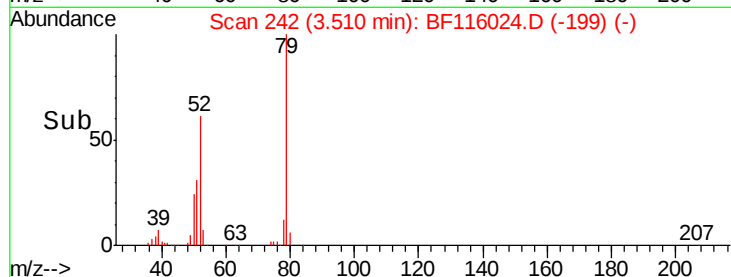
79 100

52 61.4 50.2 75.4

51 31.0 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.435 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.12 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

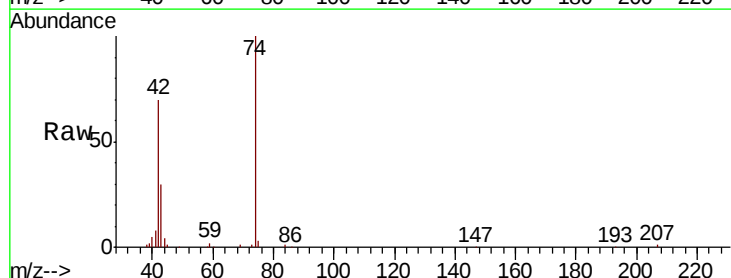
Tgt Ion: 42 Resp: 174173

Ion Ratio Lower Upper

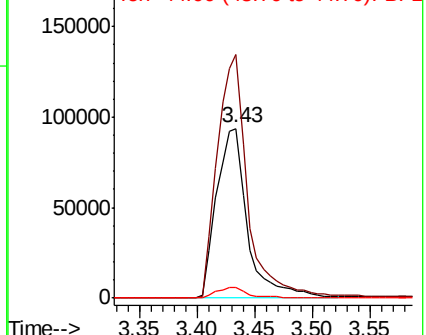
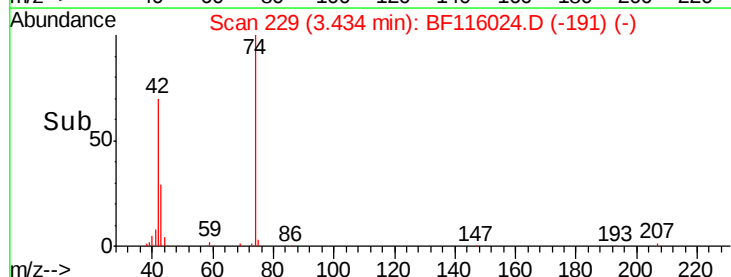
42 100

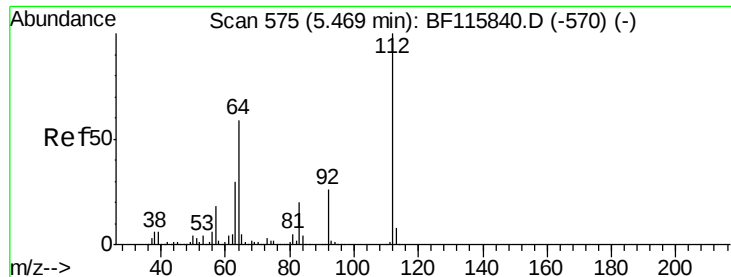
74 143.3 111.0 166.4

44 6.2 4.7 7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.942 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampled :

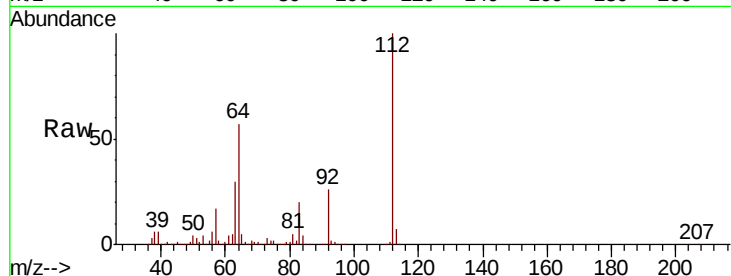
Tot Ion:112 Resp: 935429

Ion Ratio Lower Upper

112 100

64 57.2 46.8 70.2

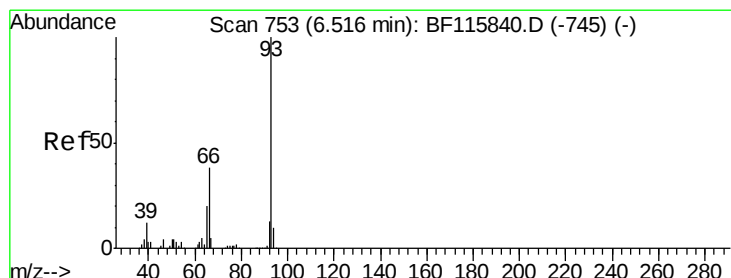
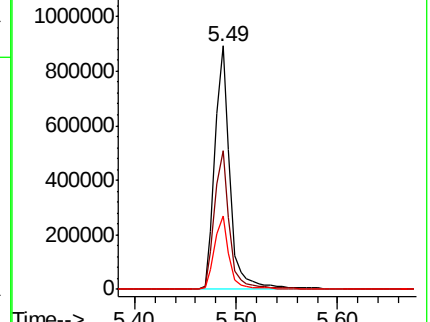
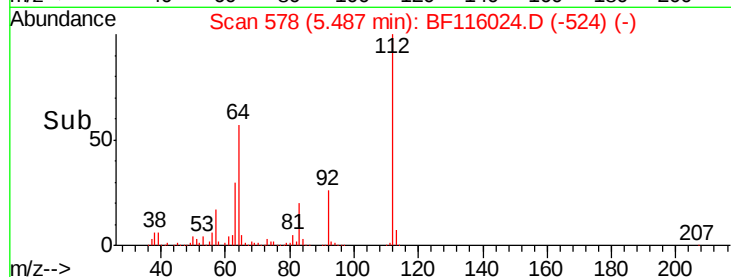
63 30.2 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF116024.D (-524) (-)

Ion 64.00 (63.70 to 64.70): BF116024.D (-524) (-)

Ion 63.00 (62.70 to 63.70): BF116024.D (-524) (-)



#6

Aniline

Concen: 9.242 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

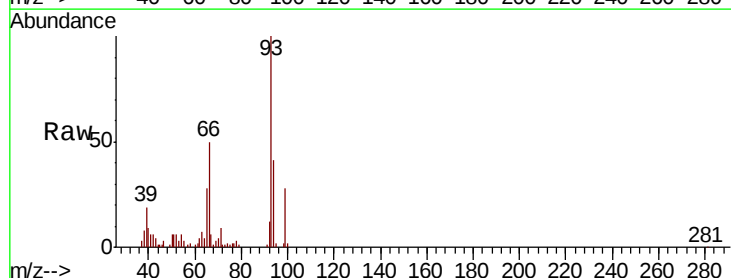
Tgt Ion: 93 Resp: 129159

Ion Ratio Lower Upper

93 100

66 50.0 31.4 47.0#

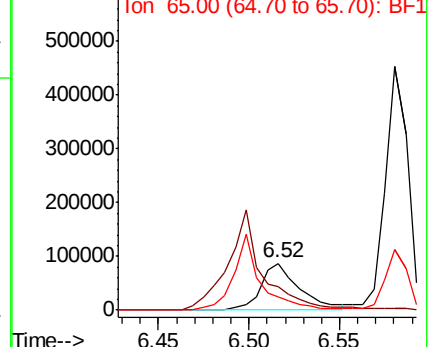
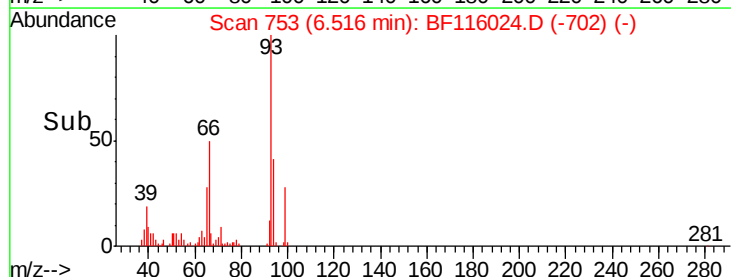
65 28.5 16.5 24.7#

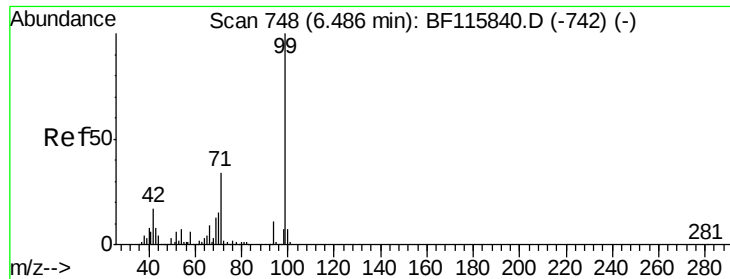


Abundance Ion 93.00 (92.70 to 93.70): BF116024.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BF116024.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BF116024.D (-702) (-)





#7

Phenol-d6

Concen: 119.026 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

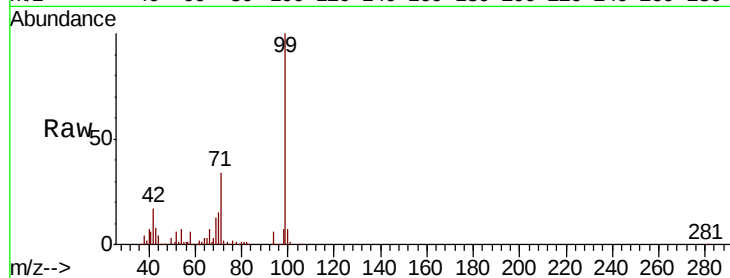
Tot Ion: 99 Resp: 1161513

Ion Ratio Lower Upper

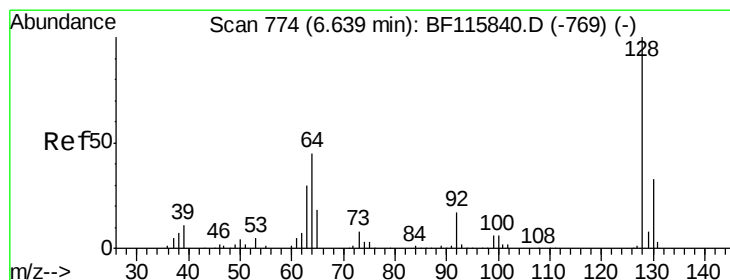
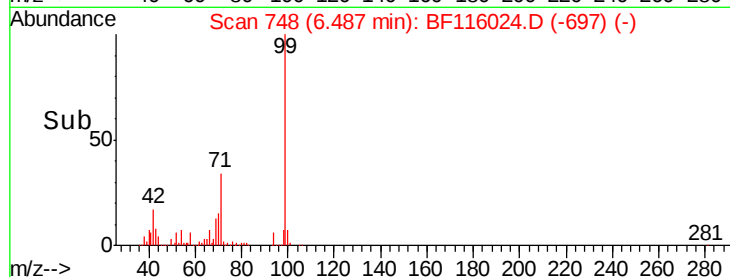
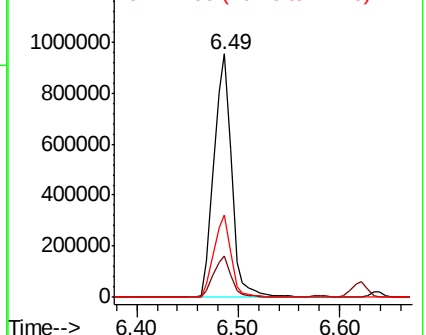
99 100

42 17.1 13.8 20.6

71 33.7 27.1 40.7



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



#8

2-Chlorophenol

Concen: 44.767 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

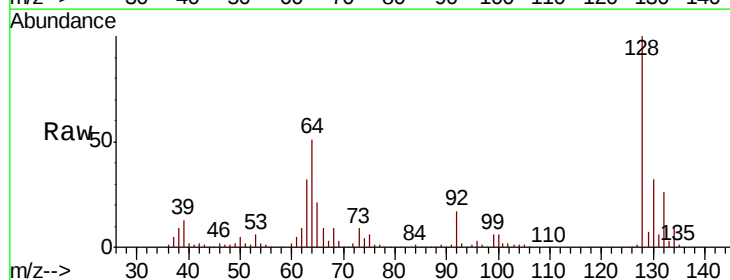
Tgt Ion: 128 Resp: 382886

Ion Ratio Lower Upper

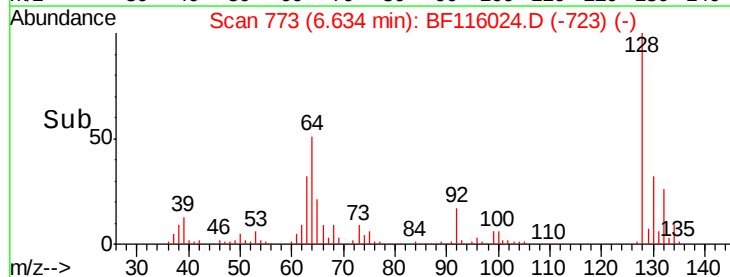
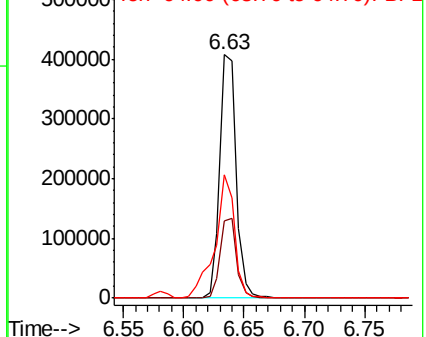
128 100

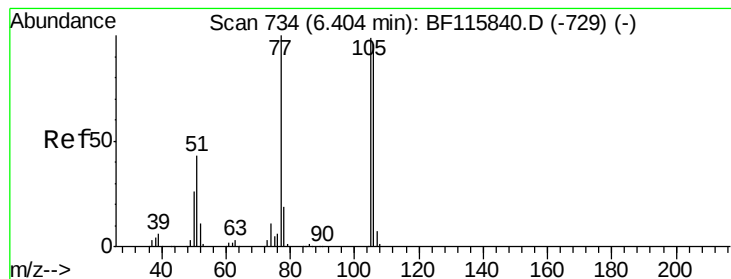
130 31.9 12.9 52.9

64 50.6 26.1 66.1



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





#9

Benzaldehyde

Concen: 28.175 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampled :

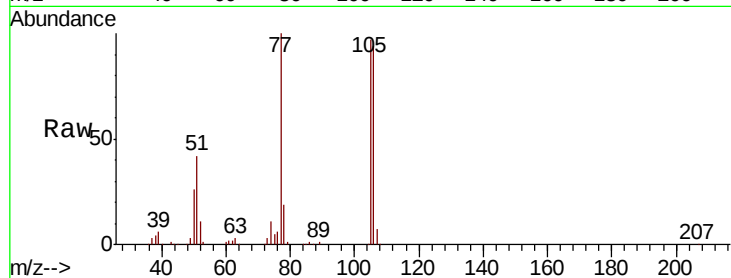
Tot Ion: 77 Resp: 189709

Ion Ratio Lower Upper

77 100

105 96.7 79.0 119.0

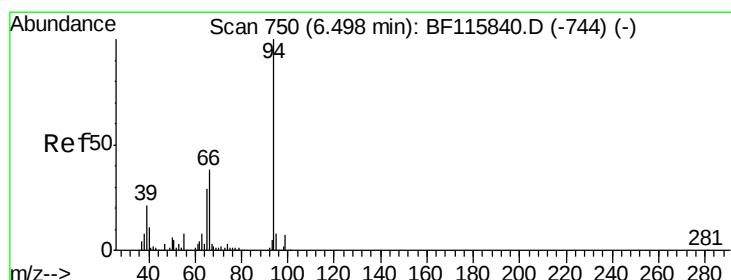
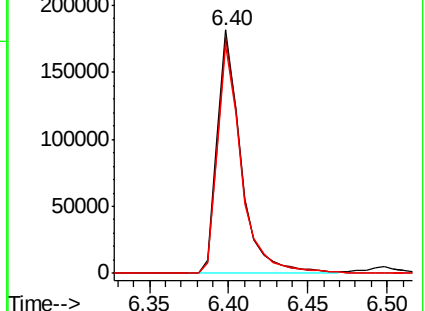
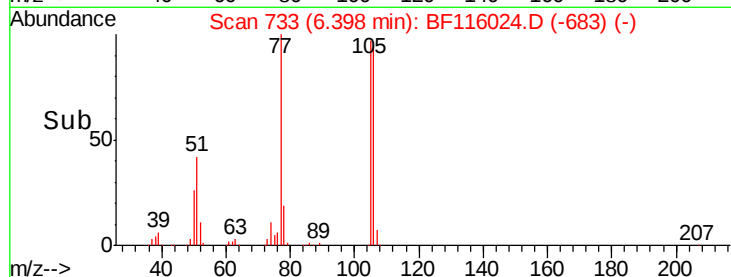
106 94.0 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.952 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

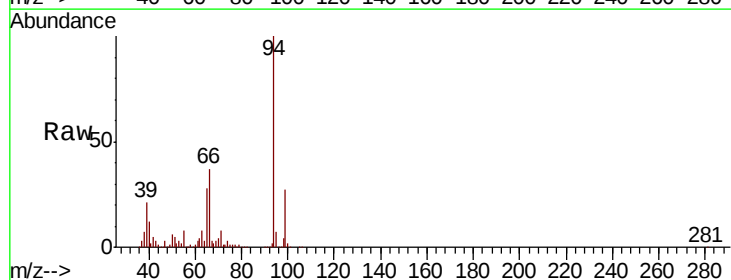
Tgt Ion: 94 Resp: 424636

Ion Ratio Lower Upper

94 100

65 28.1 8.9 48.9

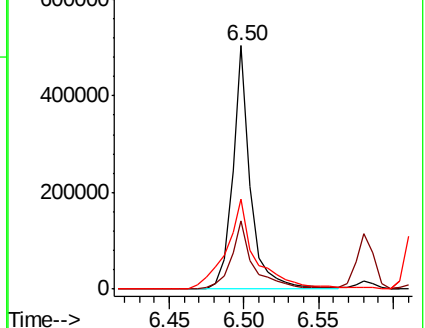
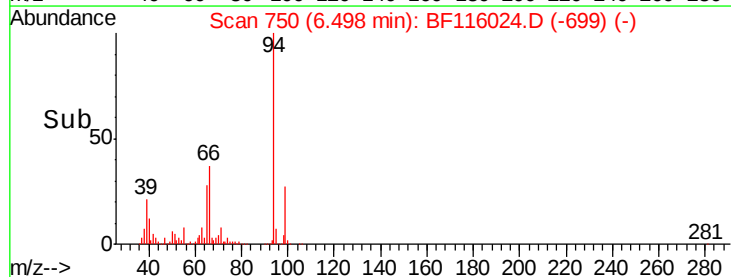
66 37.1 18.0 58.0

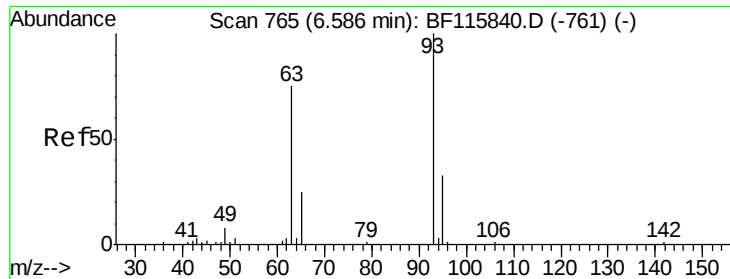


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

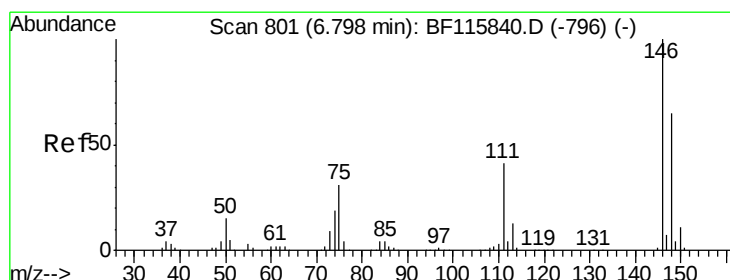
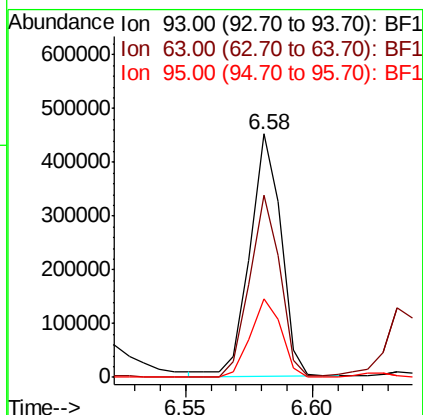
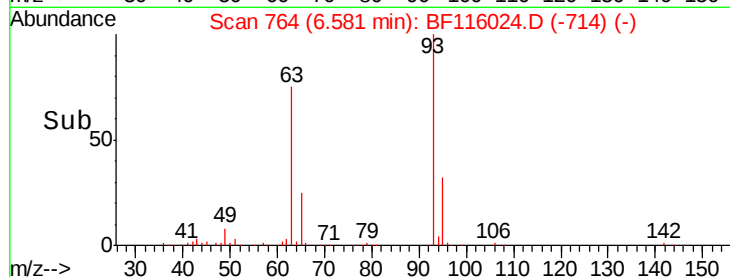
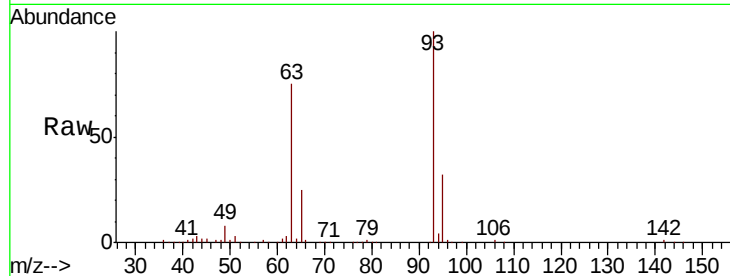




#11
bis(2-Chloroethyl)ether
Concen: 45.894 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

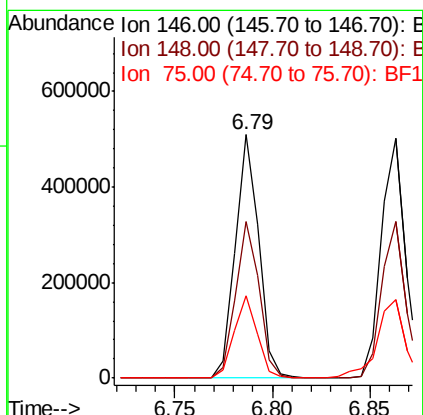
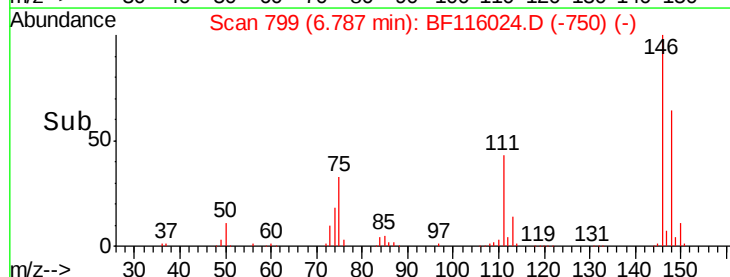
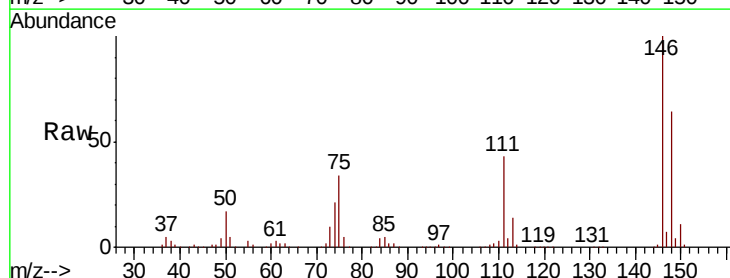
Instrument :
BNA_F
ClientSampleId :

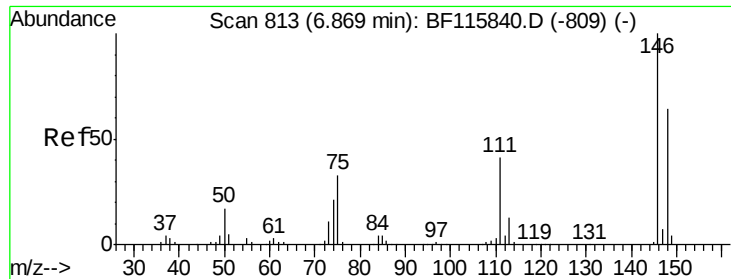
Tot Ion: 93 Resp: 387750
Ion Ratio Lower Upper
93 100
63 74.7 54.9 94.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.062 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion: 146 Resp: 425644
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
75 33.6 25.0 37.6

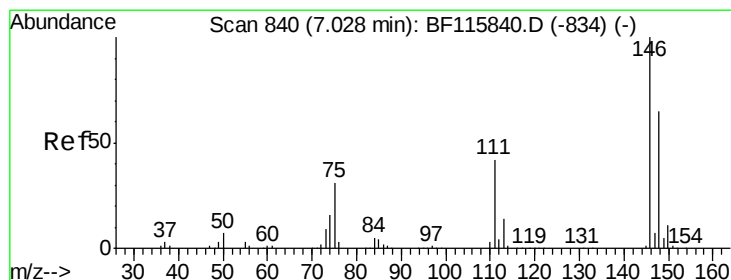
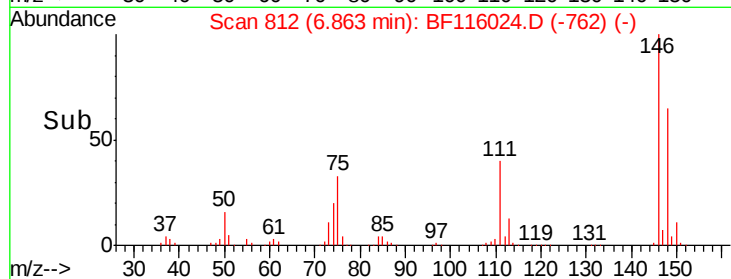
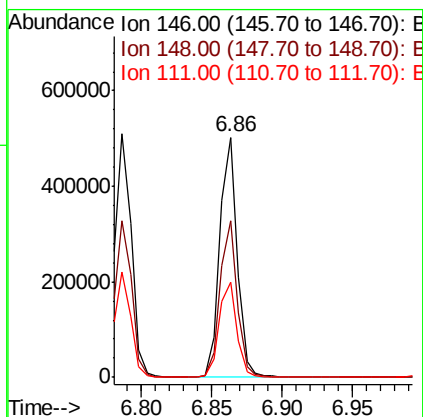
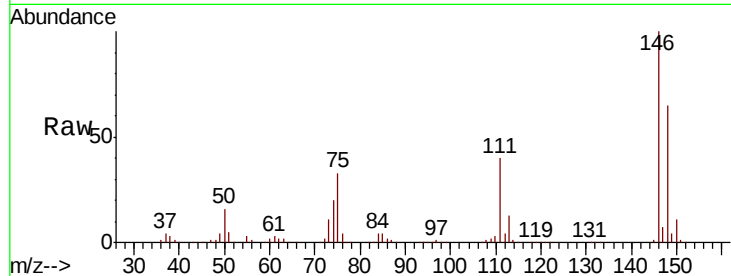




#13
 1,4-Dichlorobenzene
 Concen: 43.635 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

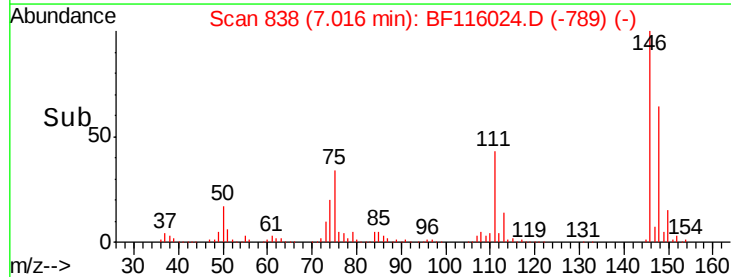
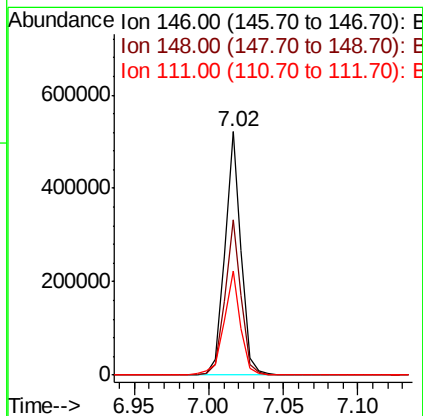
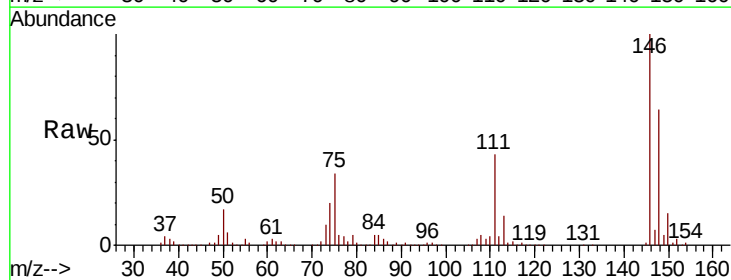
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	39.9	33.2	49.8



#14
 1,2-Dichlorobenzene
 Concen: 43.726 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	42.9	33.6	50.4





#15

Benzyl Alcohol

Concen: 45.184 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

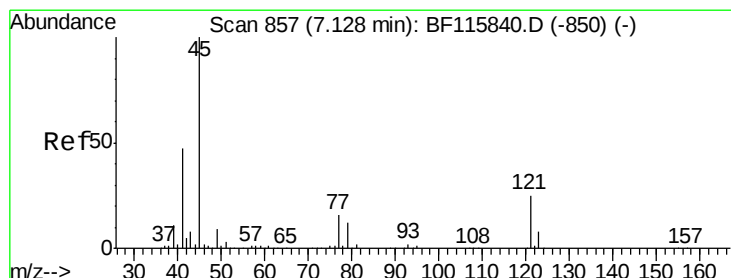
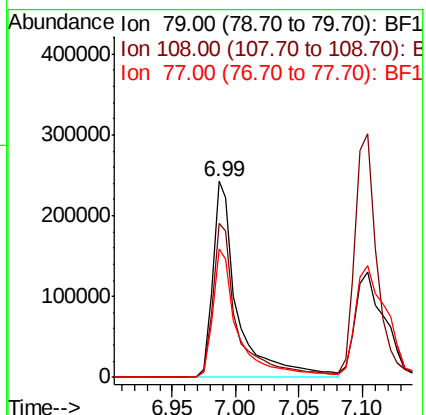
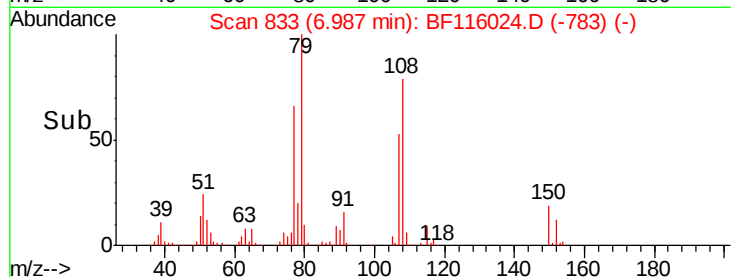
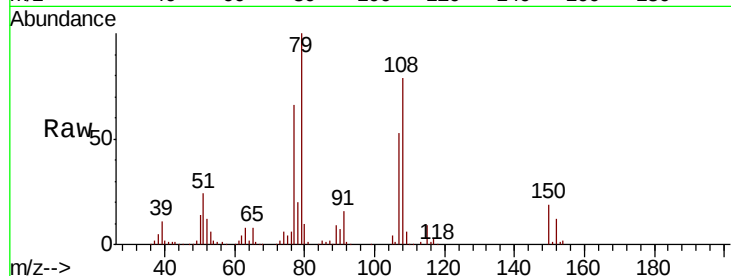
Tot Ion: 79 Resp: 334616

Ion Ratio Lower Upper

79 100

108 78.6 62.8 94.2

77 65.9 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.915 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

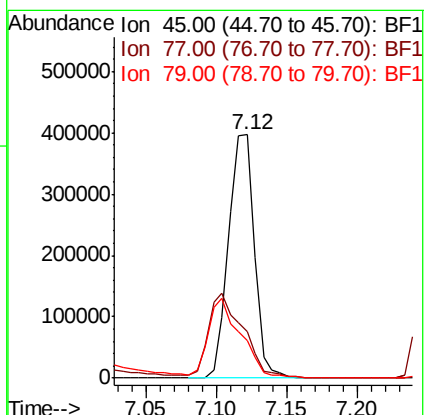
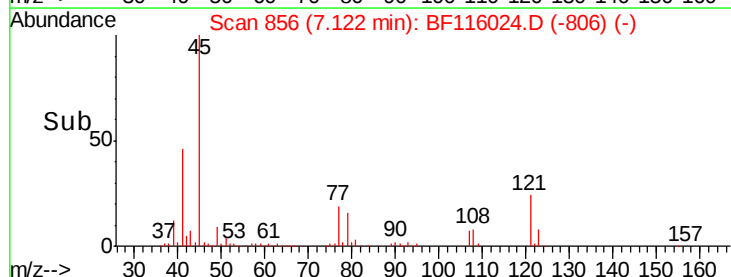
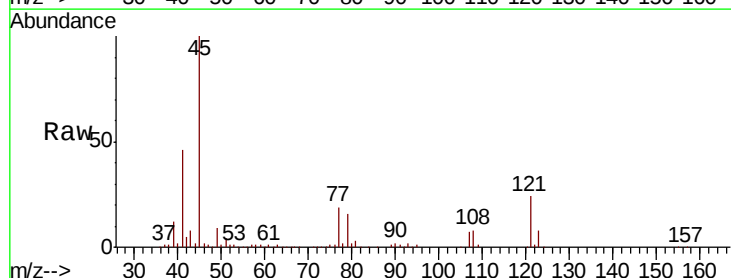
Tgt Ion: 45 Resp: 506077

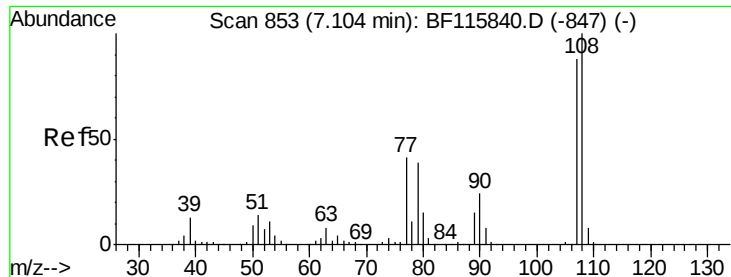
Ion Ratio Lower Upper

45 100

77 19.0 0.0 36.3

79 15.7 0.0 32.5

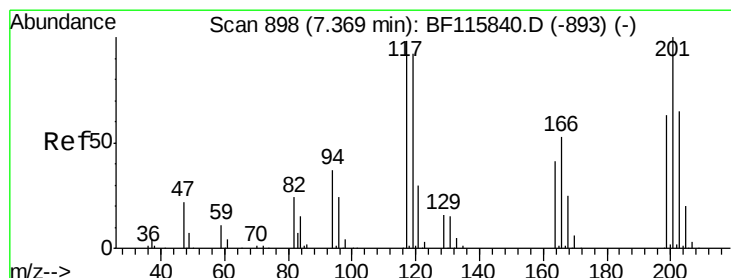
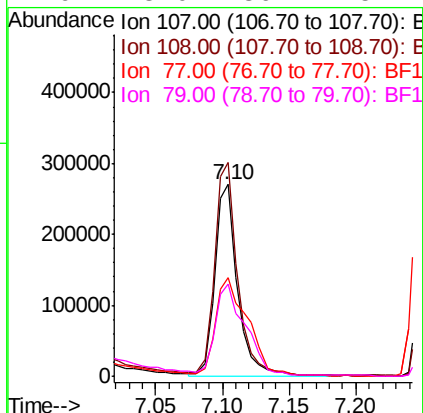
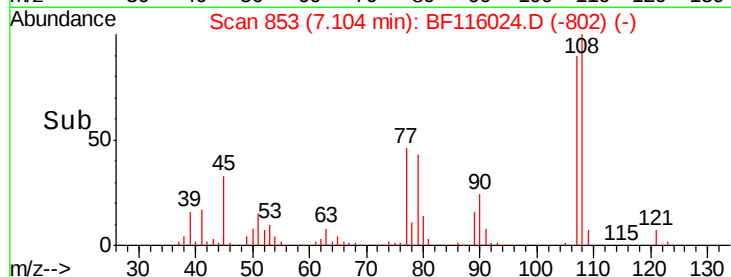
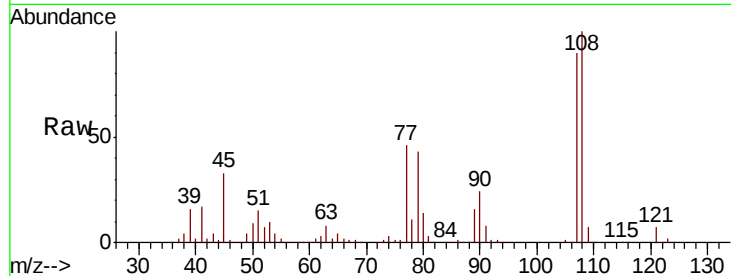




#17
2-Methylphenol
Concen: 44.609 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

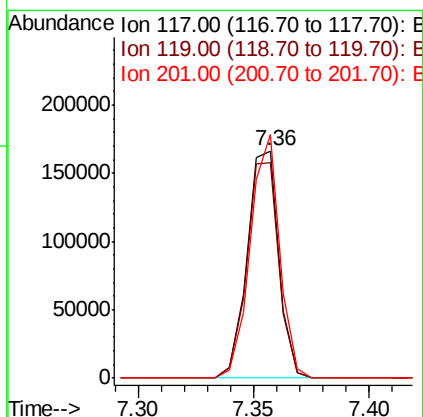
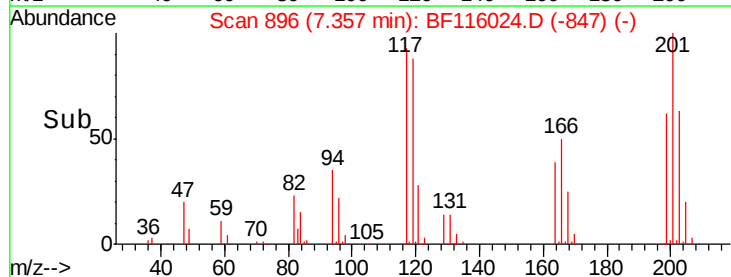
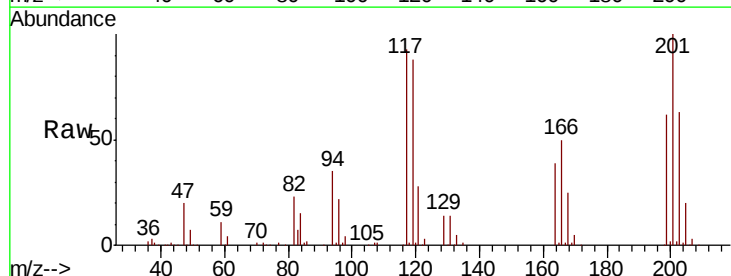
Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	323066
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.4	137.0
77	51.1	37.6	56.4
79	48.0	36.2	54.4



#18
Hexachloroethane
Concen: 43.675 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:	117	Resp:	159146
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.6
201	107.1	82.0	123.0

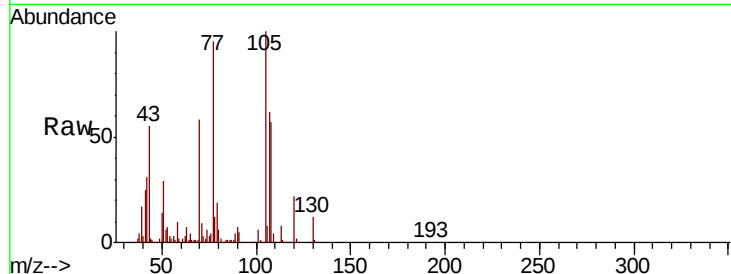




#19
n-Nitroso-di-n-propylamine
Concen: 45.583 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	41.8	62.8
101	9.9	7.7	11.5
130	21.5	17.8	26.6



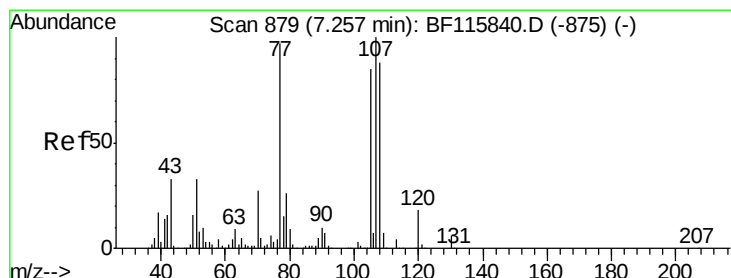
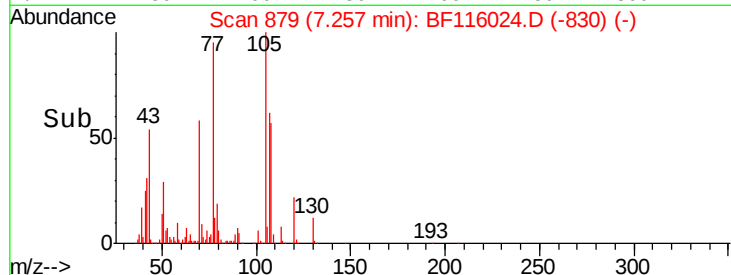
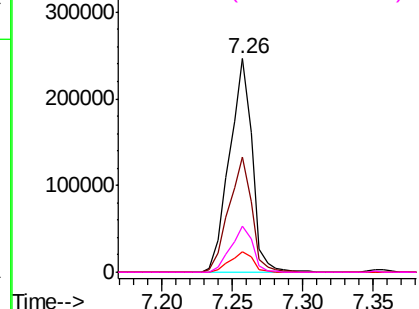
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.604 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	67.9	107.9
77	152.3	77.3	117.3
79	29.9	6.6	46.6

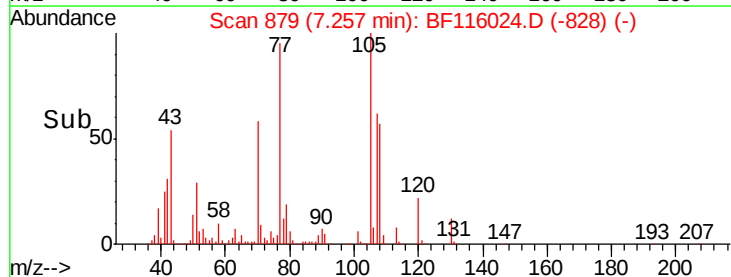
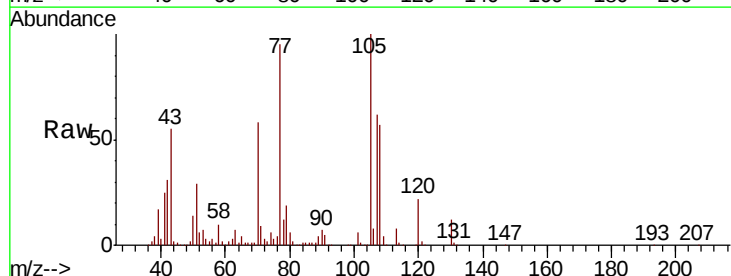
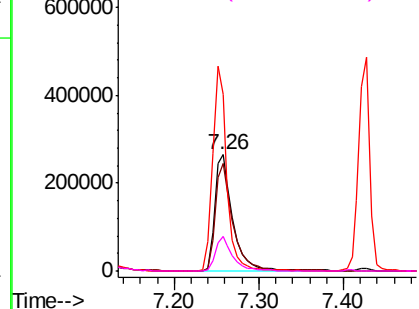
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

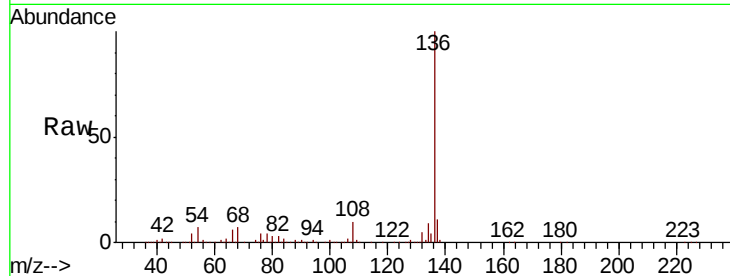




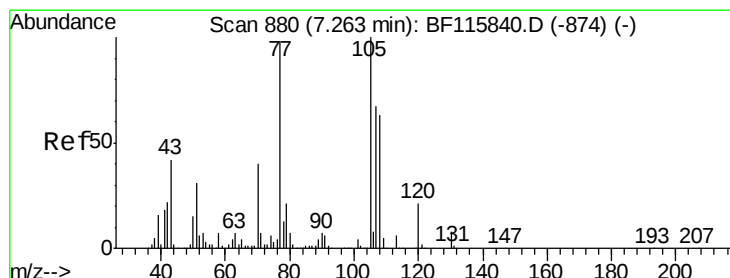
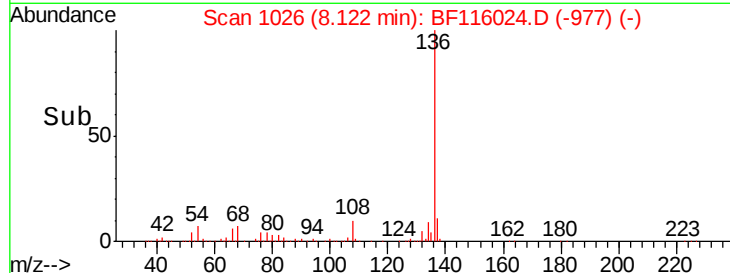
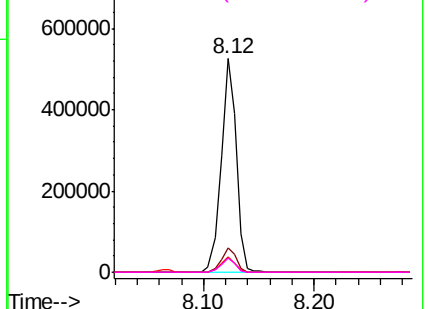
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	498949
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	7.3	6.1 9.1
68	6.5	5.4 8.2

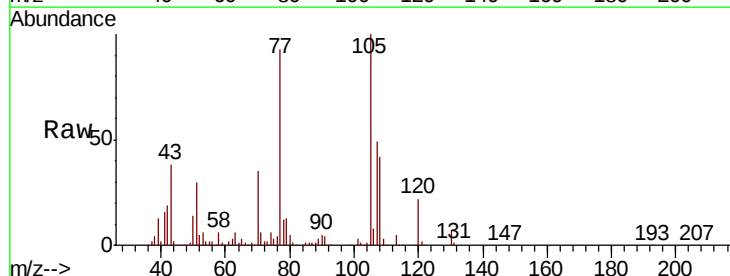


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

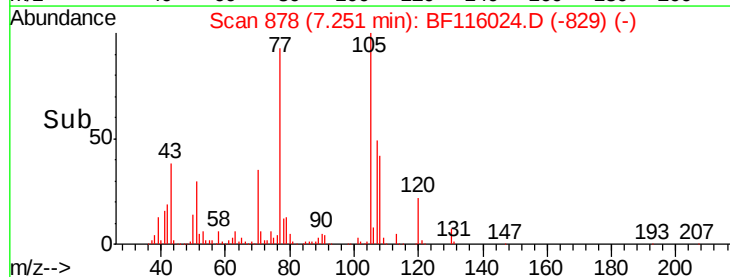
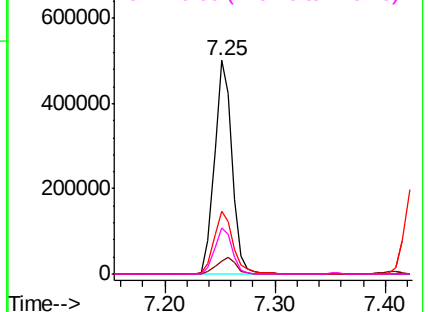


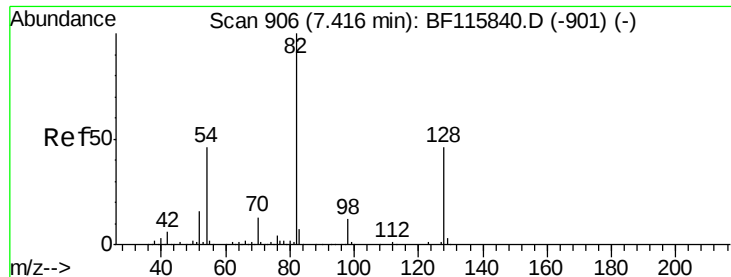
#22
Acetophenone
Concen: 49.993 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:105	Resp:	547060
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.4 8.0
51	29.5	24.6 36.8
120	21.7	17.0 25.6



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

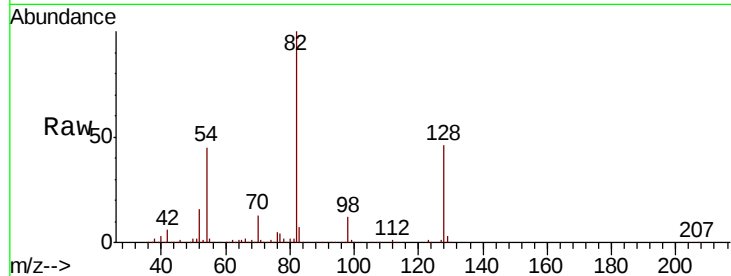




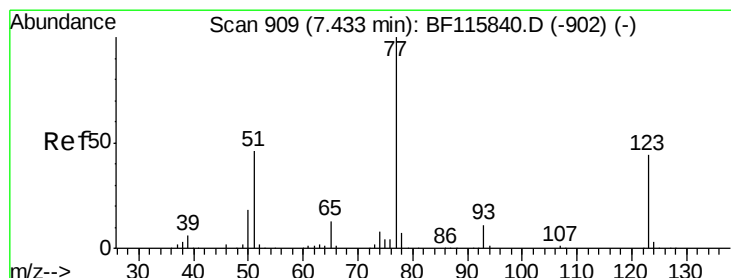
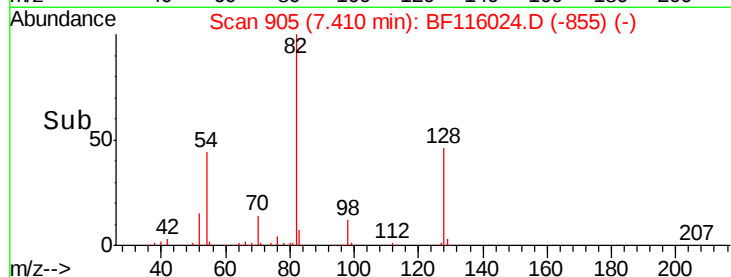
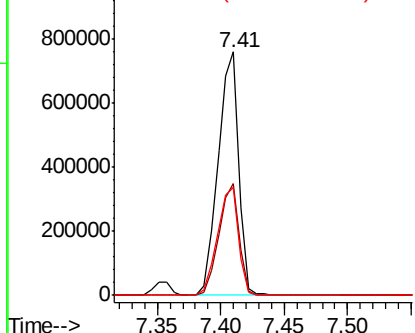
#23
Nitrobenzene-d5
Concen: 99.946 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	863914
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.6	55.0
54	44.6	36.6	55.0

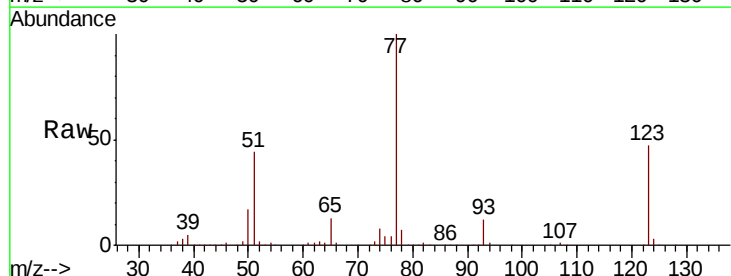


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

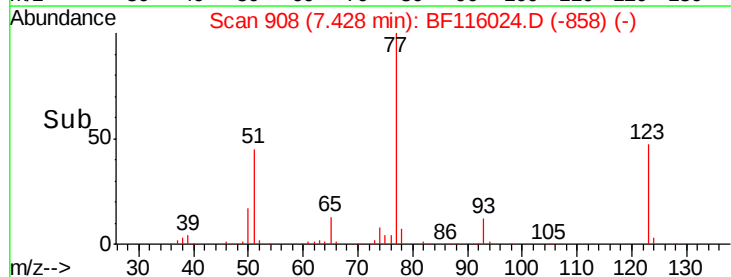
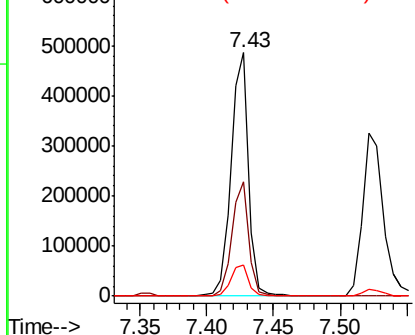


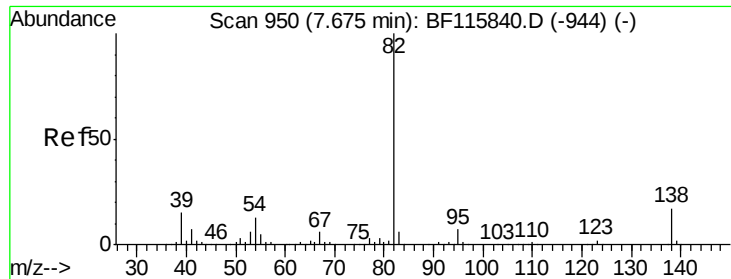
#24
Nitrobenzene
Concen: 47.692 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	77	Resp	445122
Ion Ratio	Lower	Upper	
77	100		
123	46.9	35.5	53.3
65	13.0	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

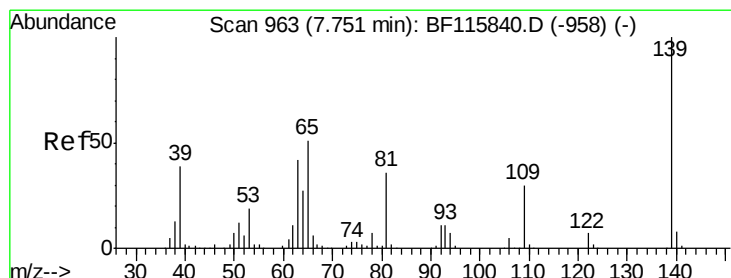
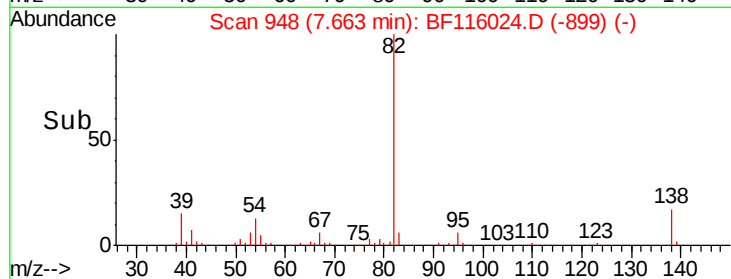
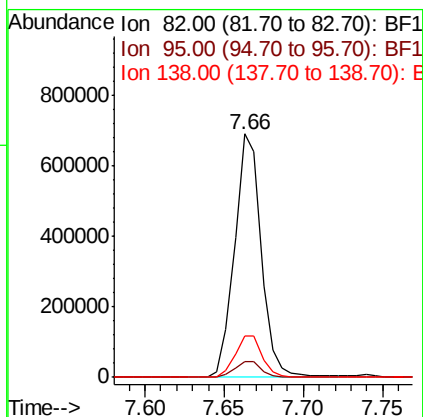
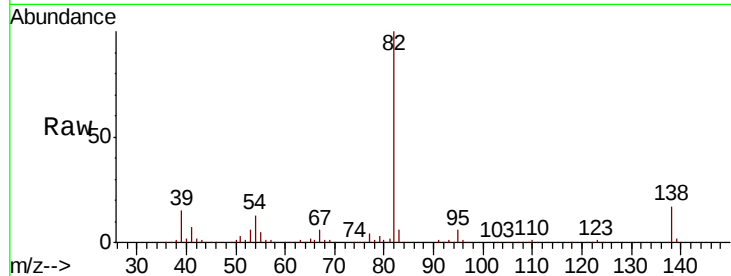




#25
Isophorone
Concen: 48.569 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

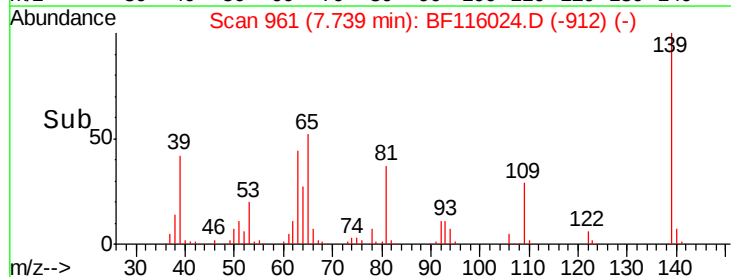
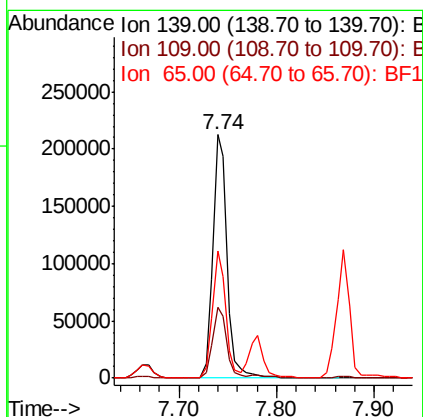
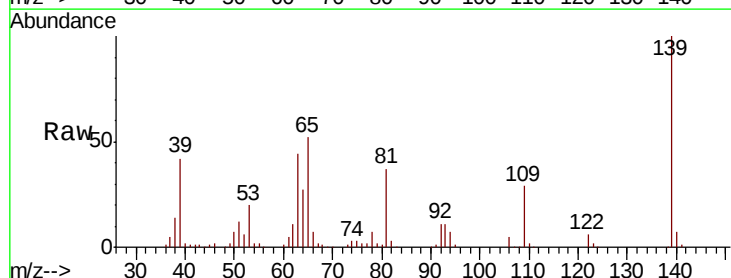
Instrument :
BNA_F
ClientSampleId :

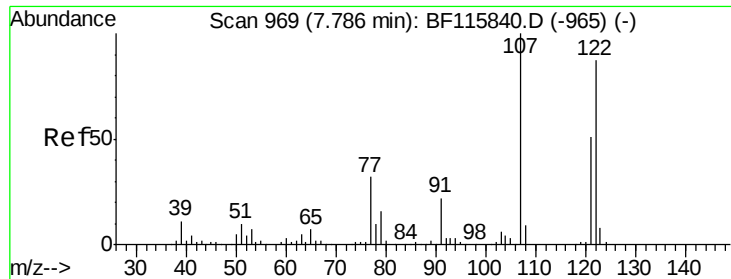
Tot Ion: 82 Resp: 802772
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.2 13.9 20.9



#26
2-Nitrophenol
Concen: 48.652 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion: 139 Resp: 214049
Ion Ratio Lower Upper
139 100
109 29.3 23.6 35.4
65 52.1 40.6 60.8

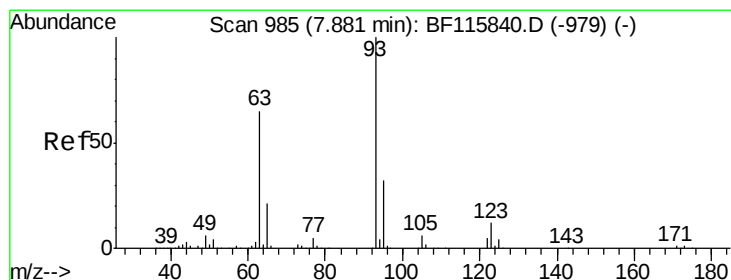
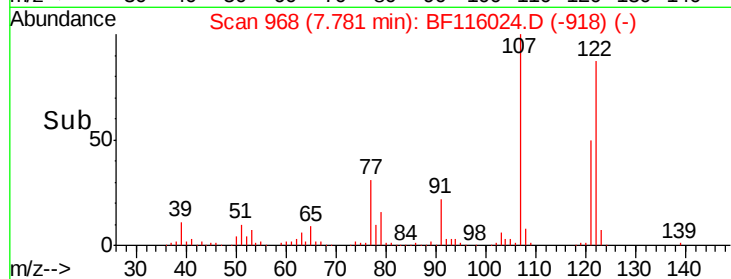
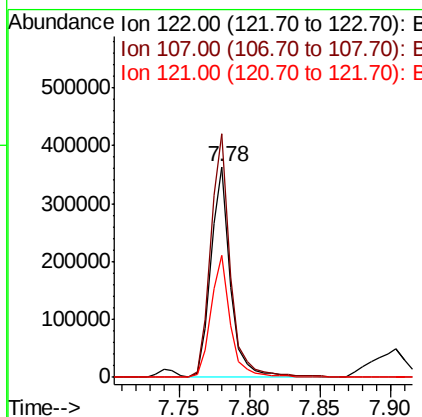
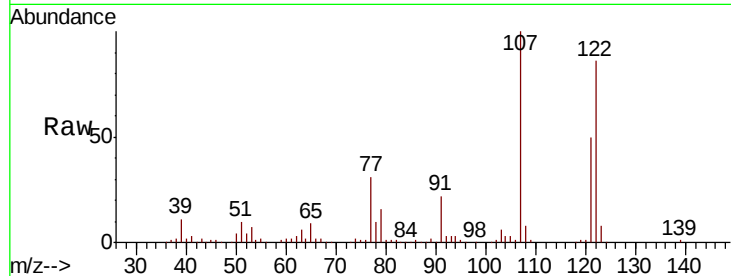




#27
 2,4-Dimethylphenol
 Concen: 52.662 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

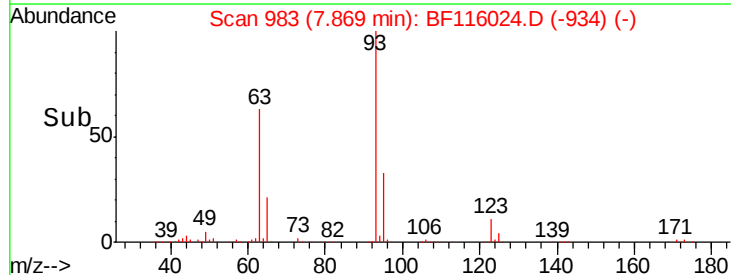
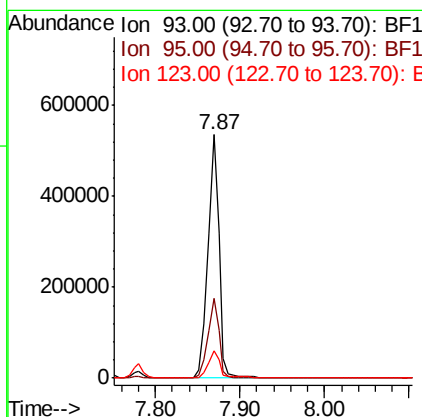
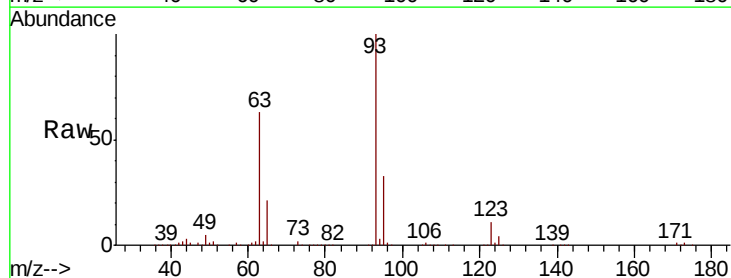
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 348572
 Ion Ratio Lower Upper
 122 100
 107 115.7 91.7 137.5
 121 58.0 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.188 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion: 93 Resp: 493668
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 11.0 9.5 14.3

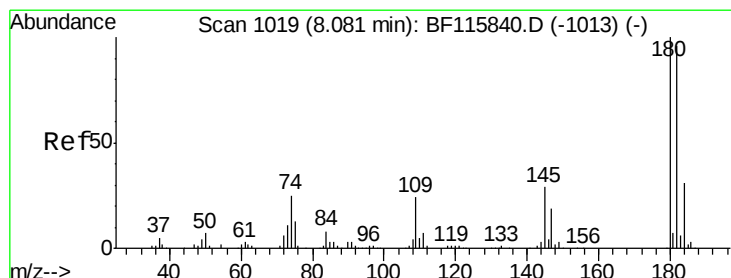
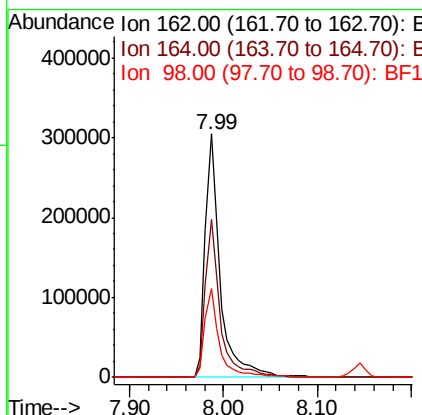
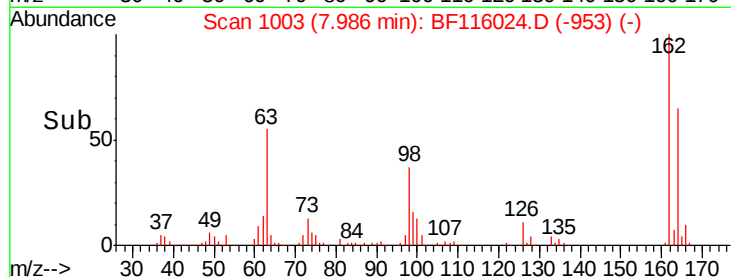
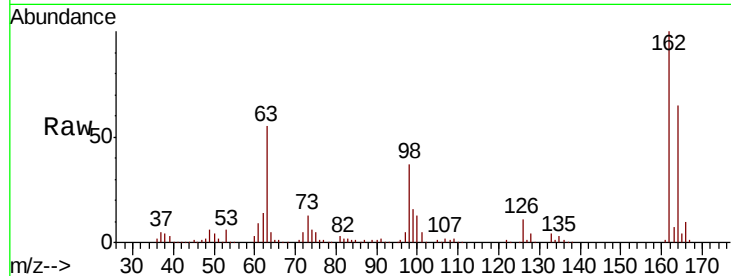




#29
 2,4-Dichlorophenol
 Concen: 49.200 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

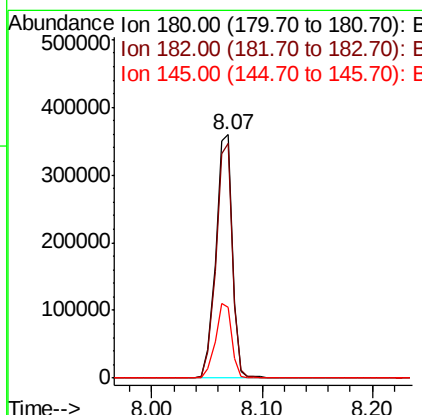
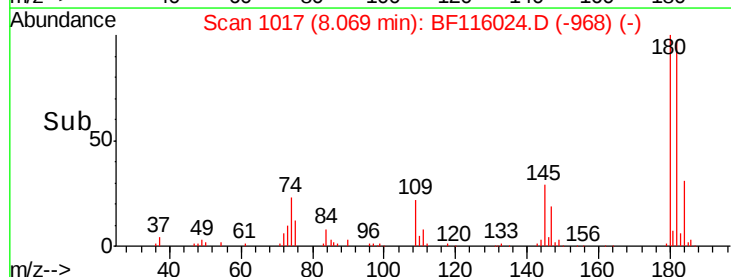
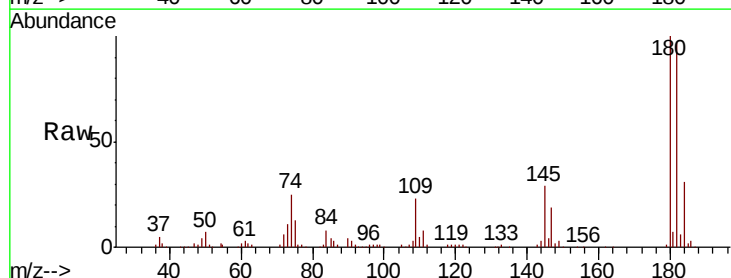
Instrument :
 BNA_F
 ClientSampleId :

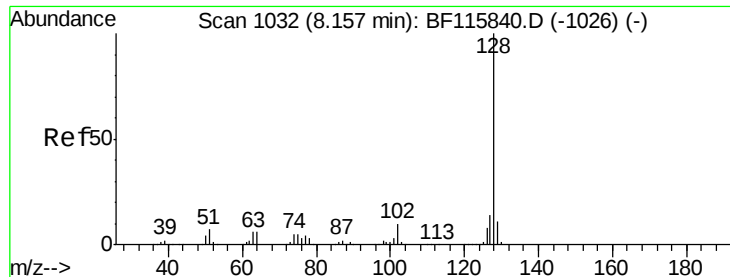
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.2	83.2
98	36.6	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 46.790 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	114.8
145	29.0	23.2	34.8

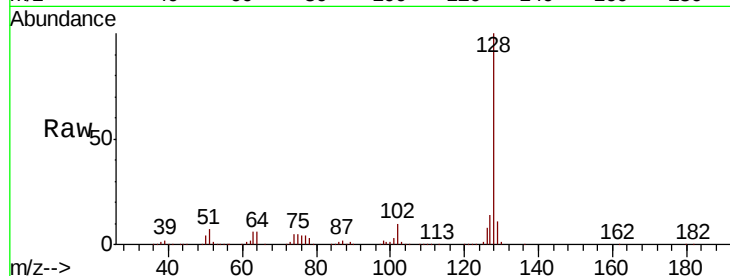




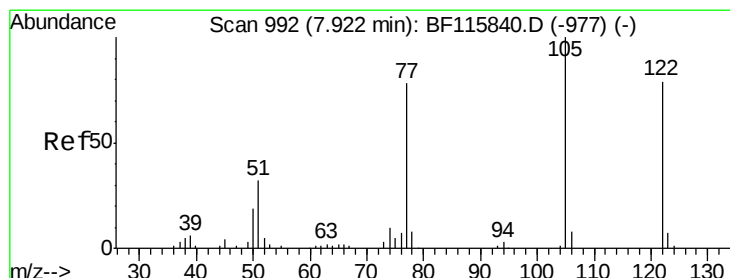
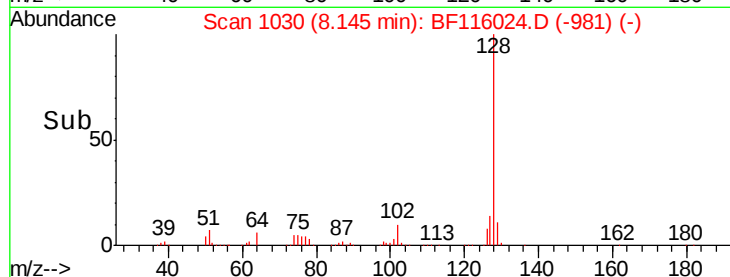
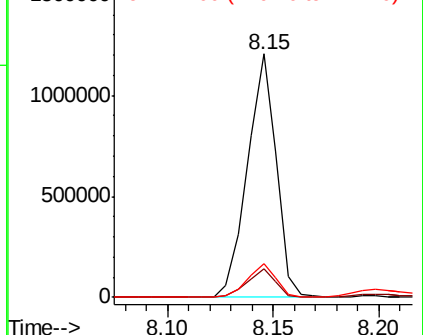
#31
Naphthalene
Concen: 48.758 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1144822
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 11.0 16.4

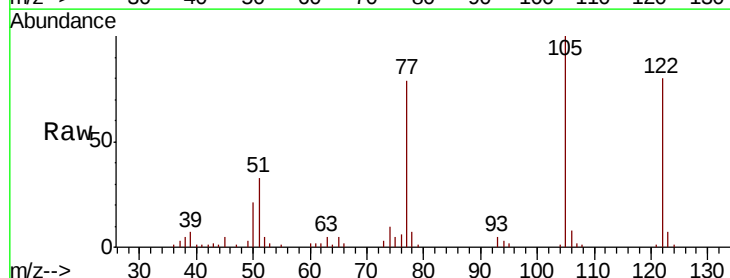


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

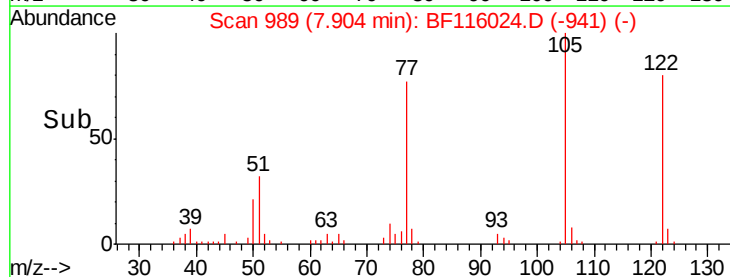
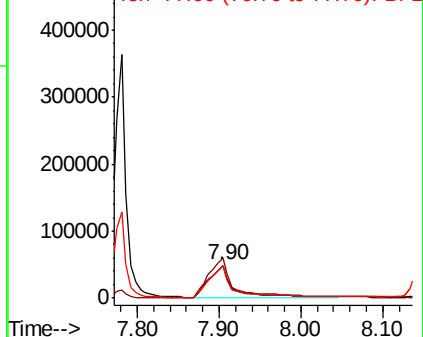


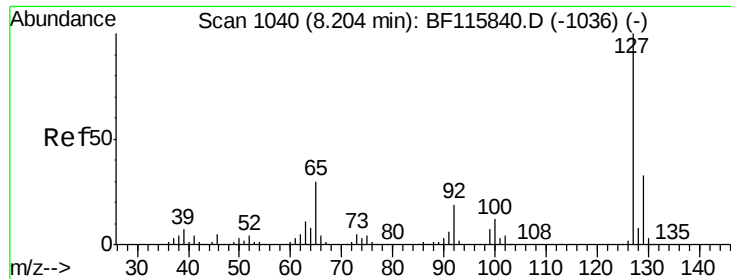
#32
Benzoic acid
Concen: 21.523 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:122 Resp: 100440
Ion Ratio Lower Upper
122 100
105 124.2 103.1 143.1
77 98.1 76.8 116.8



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

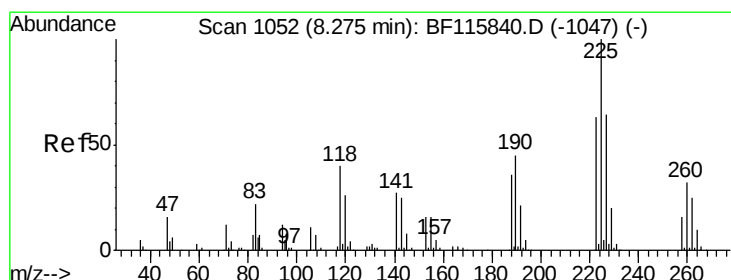
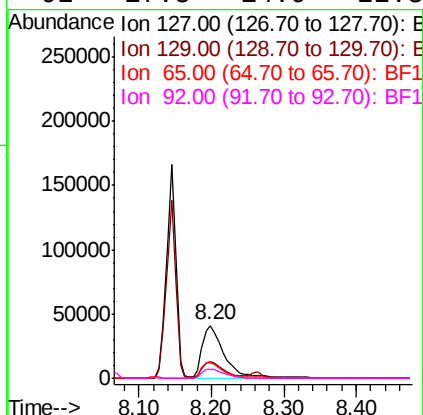
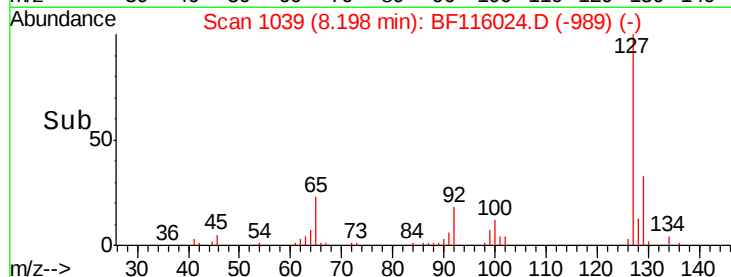
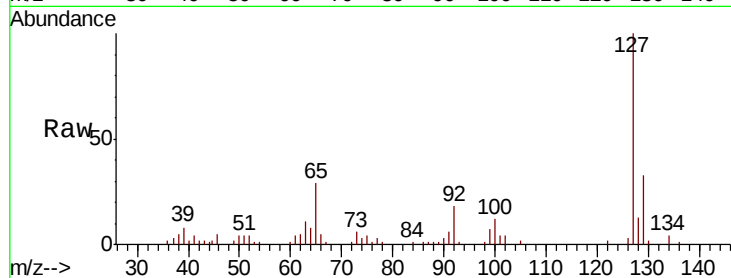




#33
4-Chloroaniline
Concen: 8.477 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

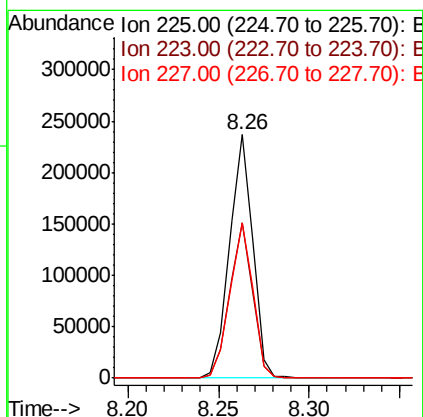
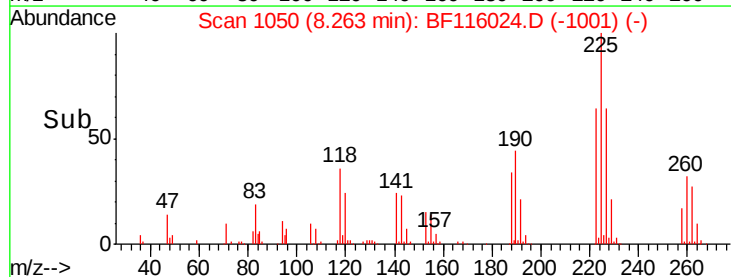
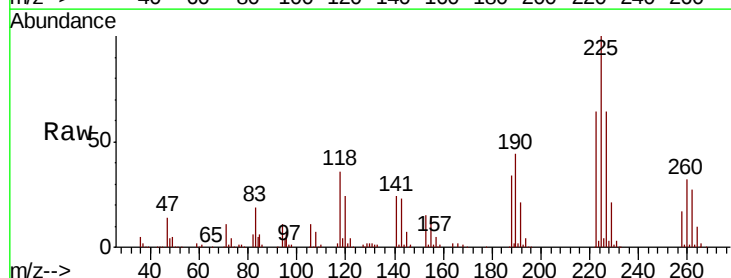
Instrument :
BNA_F
ClientSampled :

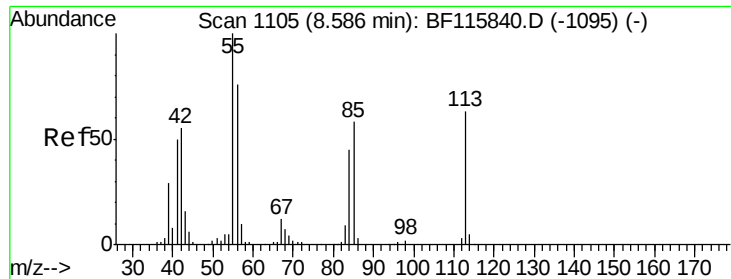
Tot Ion:	127	Resp:	88933
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	29.5	23.9	35.9
92	17.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 46.150 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:	225	Resp:	211771
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	63.7	51.6	77.4

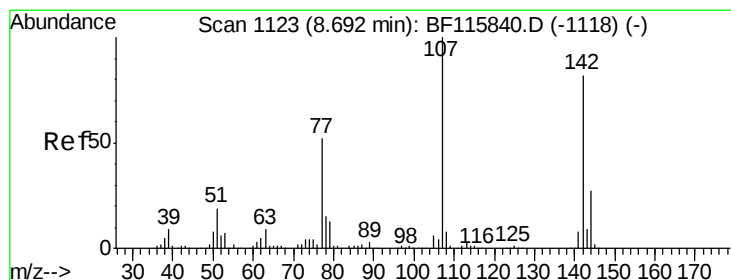
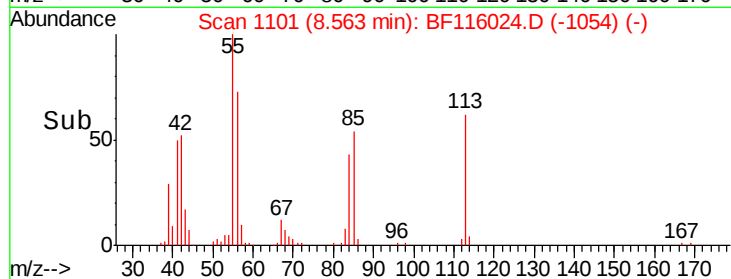
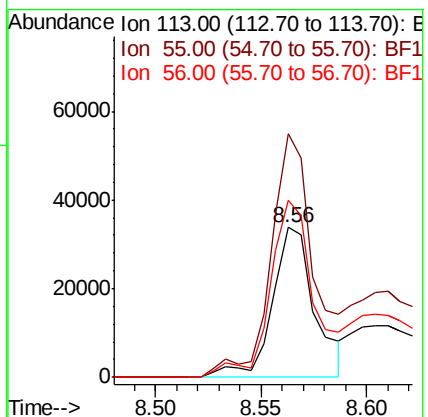
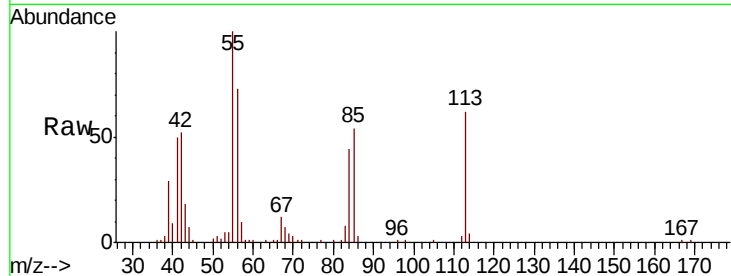




#35
Caprolactam
Concen: 20.769 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

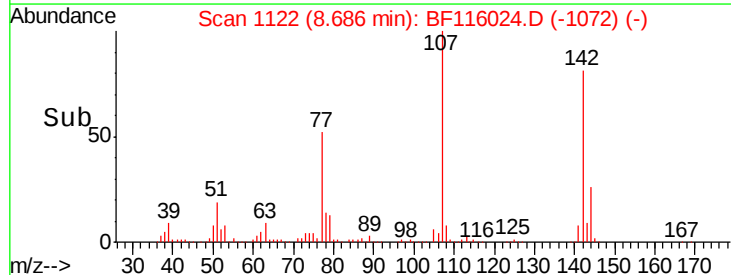
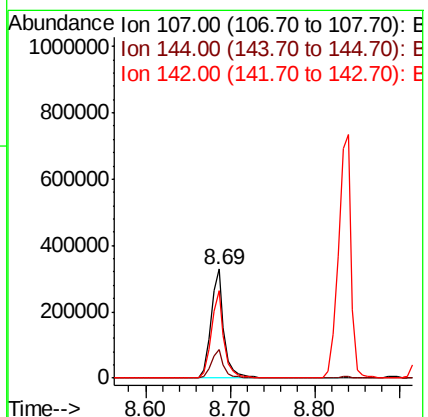
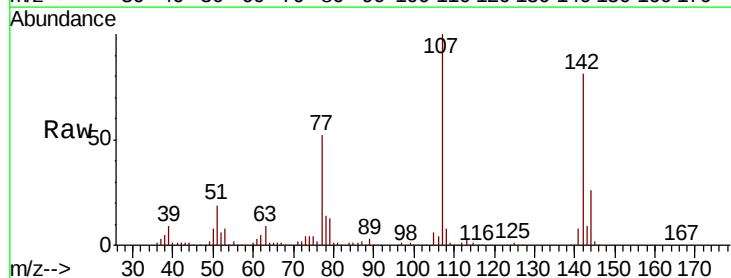
Instrument :
BNA_F
ClientSampled :

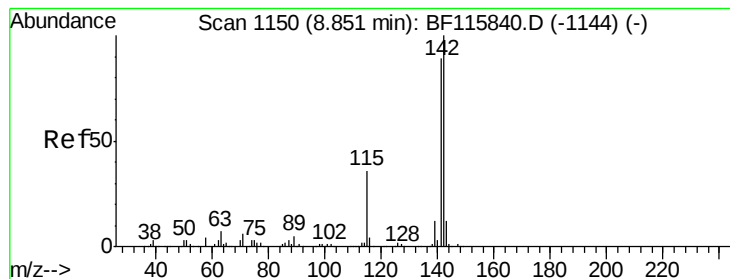
Tot Ion:113 Resp: 46946
Ion Ratio Lower Upper
113 100
55 162.5 138.1 178.1
56 118.2 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 48.785 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:107 Resp: 354697
Ion Ratio Lower Upper
107 100
144 26.1 21.4 32.0
142 80.8 65.5 98.3





#37

2-Methylnaphthalene

Concen: 50.355 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

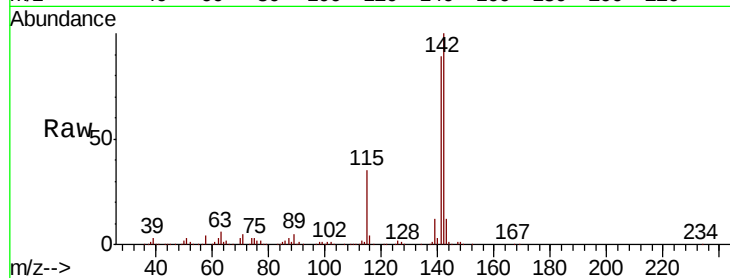
Tot Ion:142 Resp: 778648

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

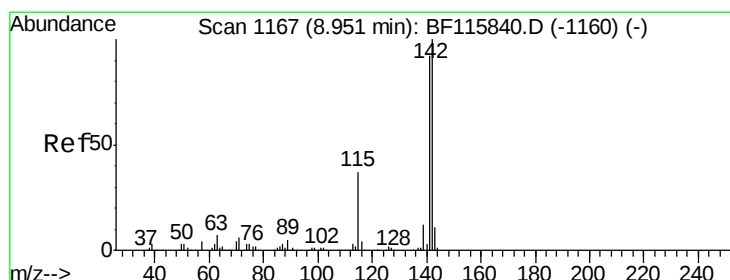
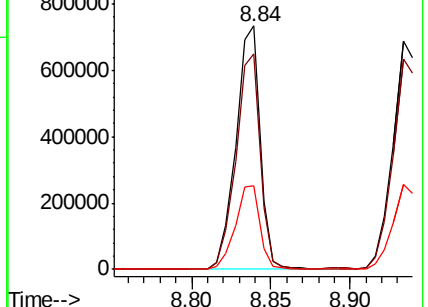
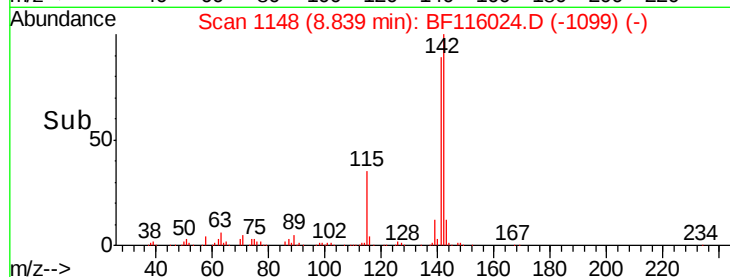
115 34.6 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.864 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

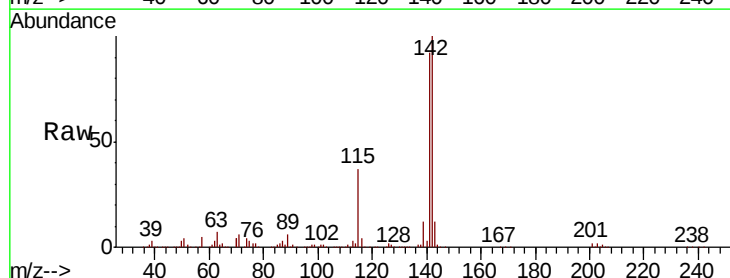
Tgt Ion:142 Resp: 729446

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

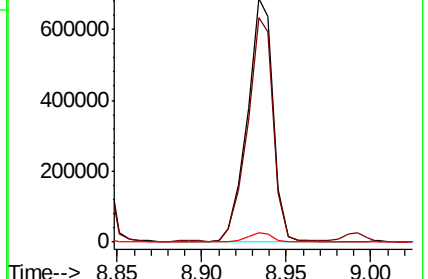
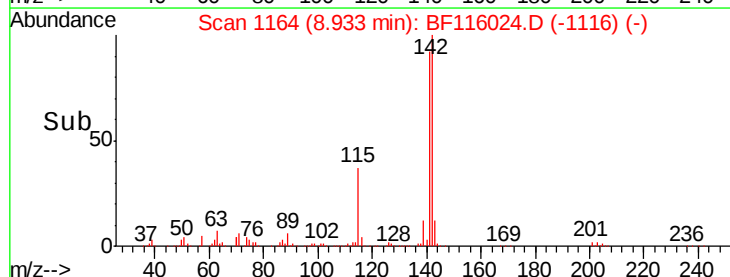
116 3.9 3.1 4.7

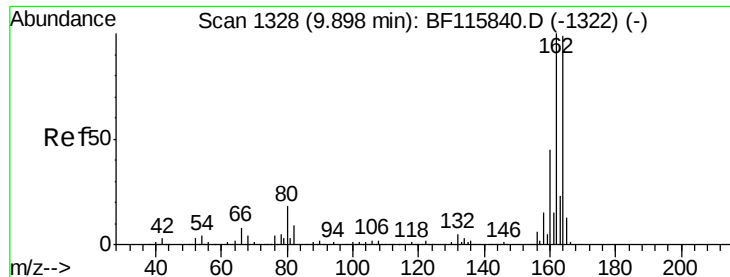


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

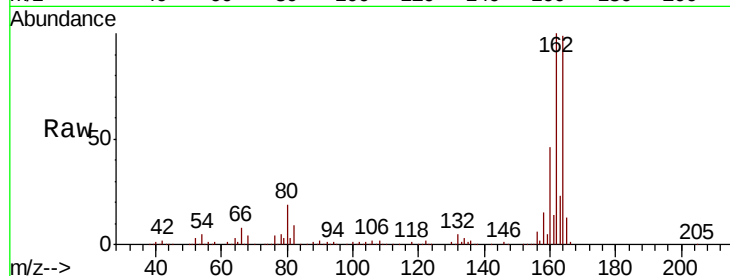
Tot Ion:164 Resp: 268180

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

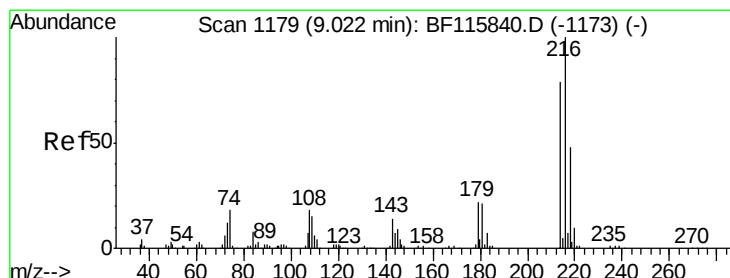
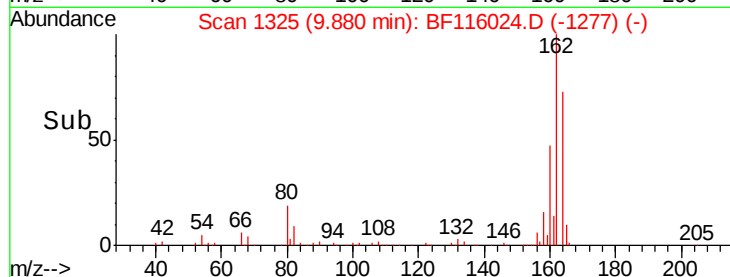
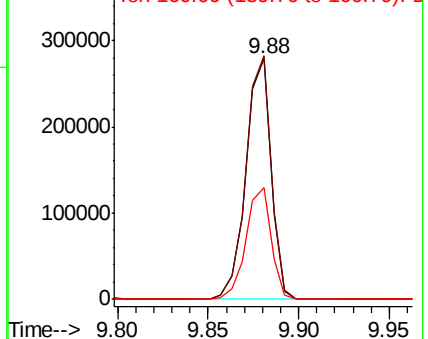
160 46.5 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.435 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion:216 Resp: 354426

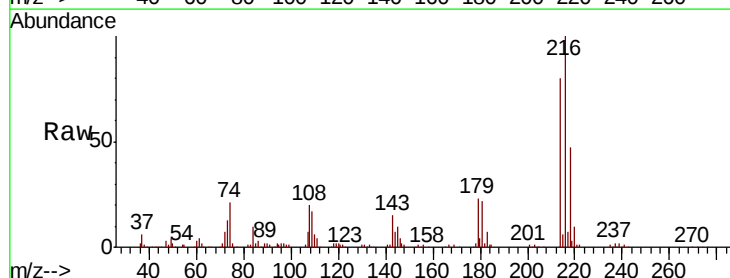
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 22.0 17.6 26.4

108 21.0 16.1 24.1

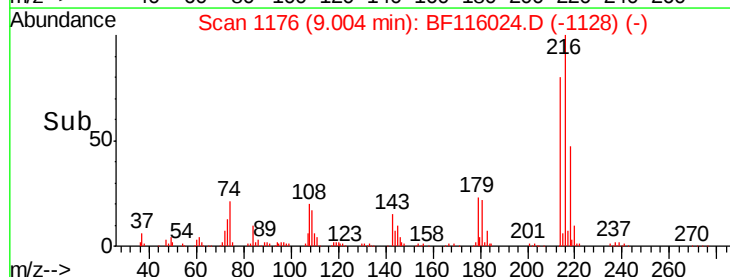
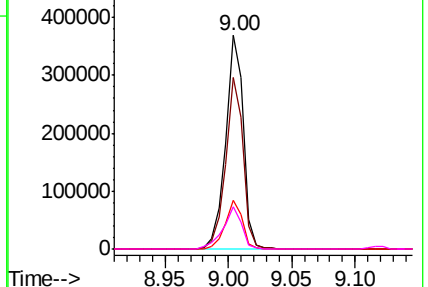


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

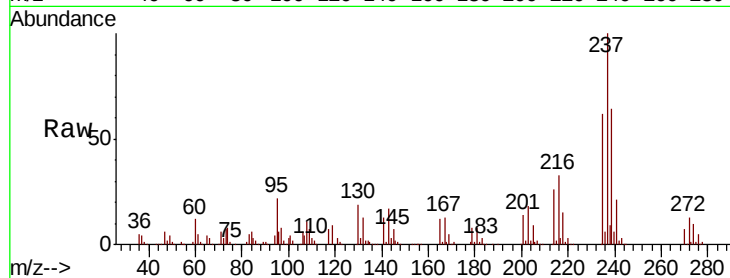




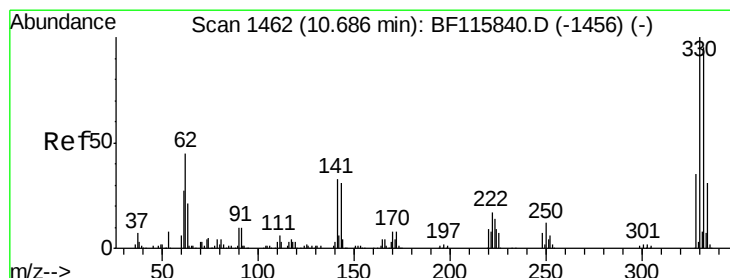
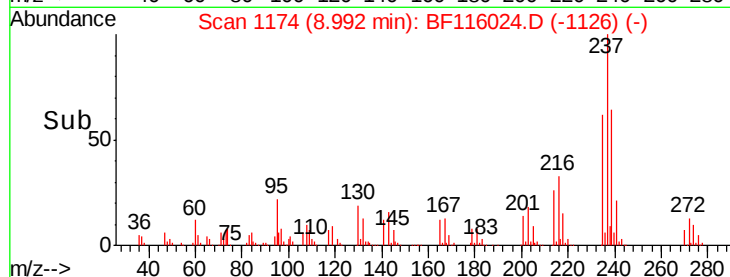
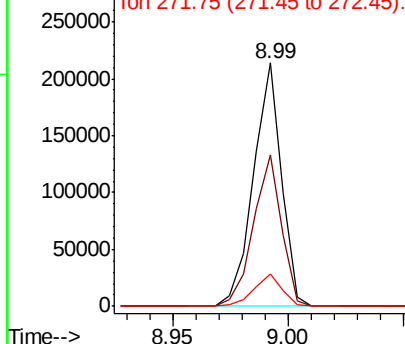
#41
Hexachlorocyclopentadiene
Concen: 58.282 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 182000
Ion Ratio Lower Upper
237 100
235 62.1 42.5 82.5
272 13.3 0.0 33.3

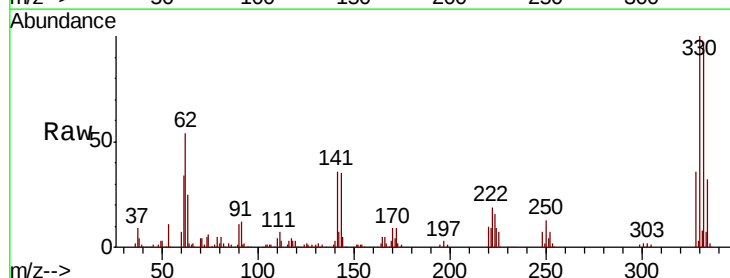


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

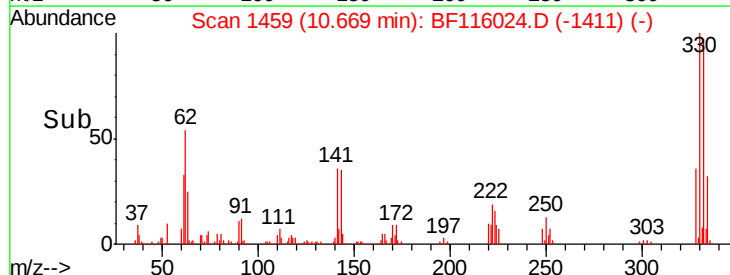
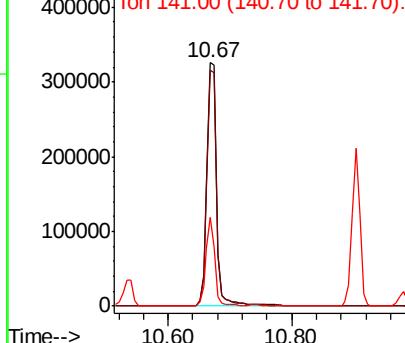


#42
2,4,6-Tribromophenol
Concen: 137.708 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:330 Resp: 358051
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 33.1 28.1 42.1



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

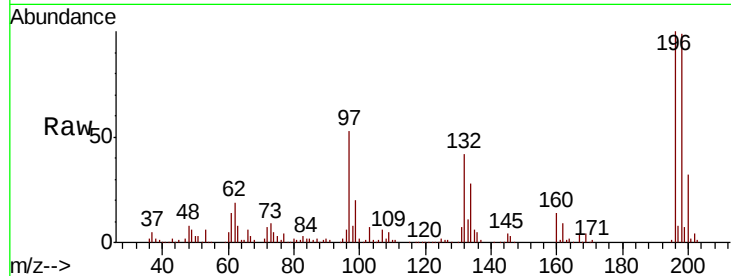




#43
 2,4,6-Trichlorophenol
 Concen: 45.549 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	224781
Ion Ratio	Lower	Upper	
196	100		
198	99.3	79.1	118.7
200	32.2	26.0	39.0

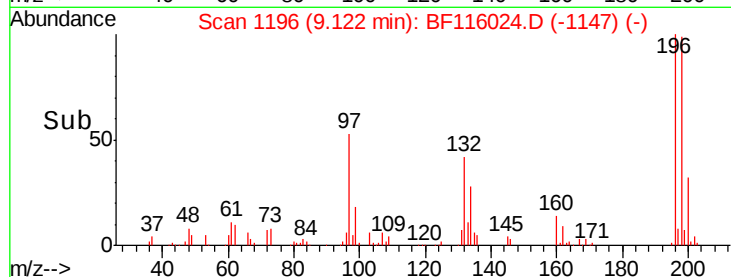
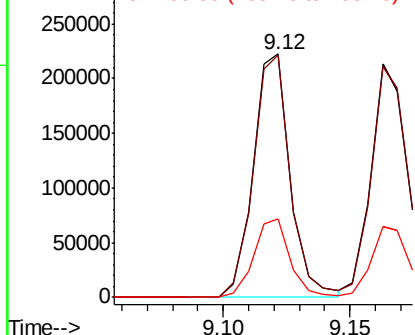


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.298 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	196	Resp	241279
Ion Ratio	Lower	Upper	
196	100		
198	99.0	80.1	120.1
97	55.1	38.9	58.3
132	31.3	22.6	33.8

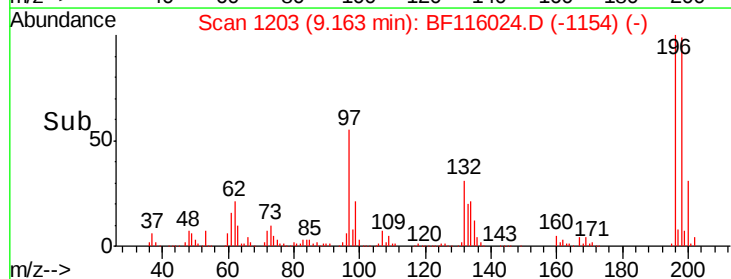
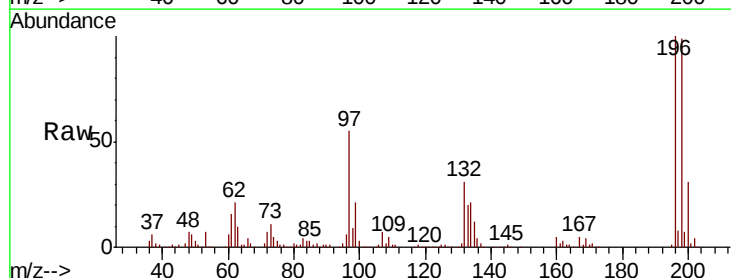
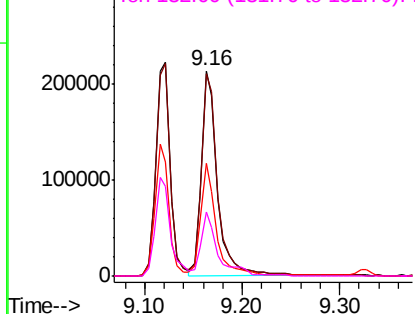
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

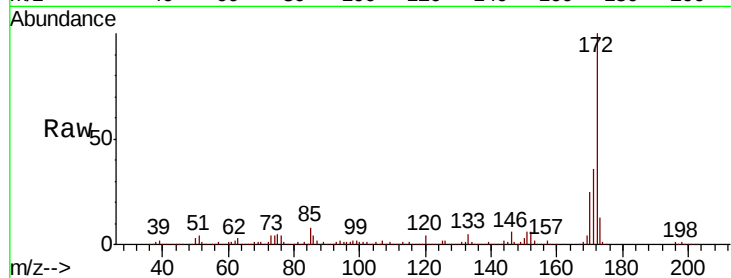




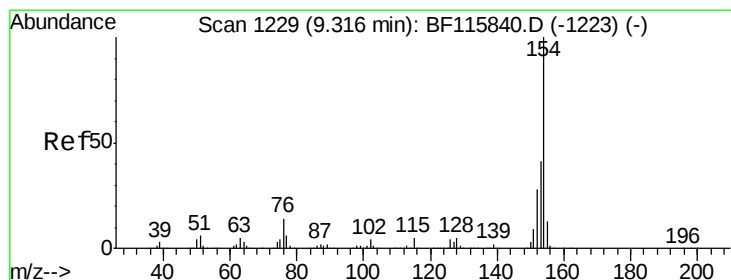
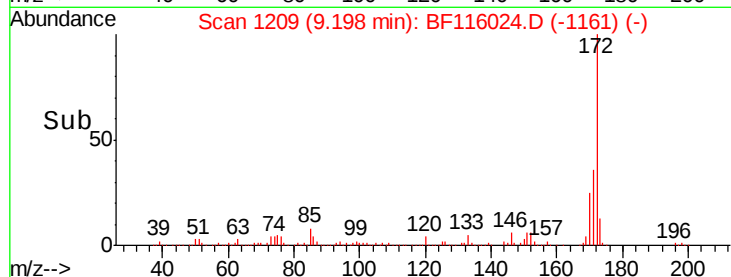
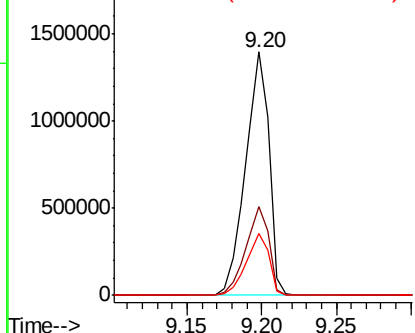
#45
2-Fluorobiphenyl
Concen: 105.468 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1510058
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.4 20.1 30.1

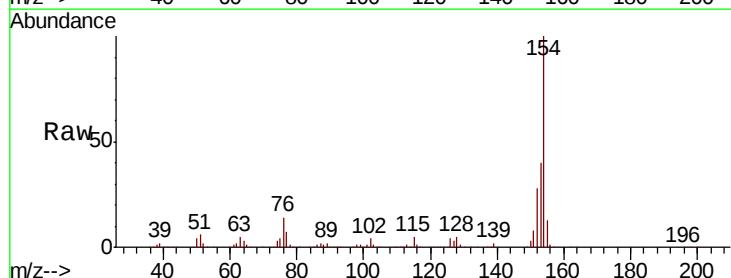


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

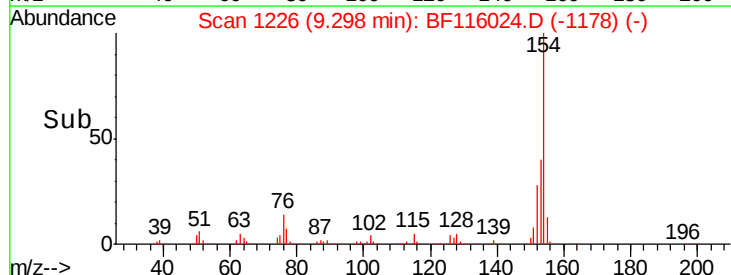
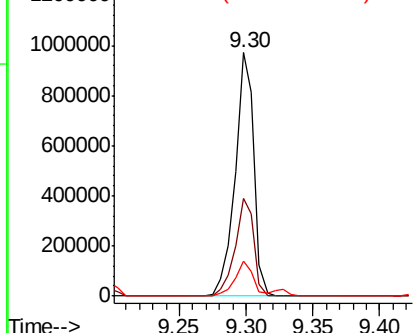


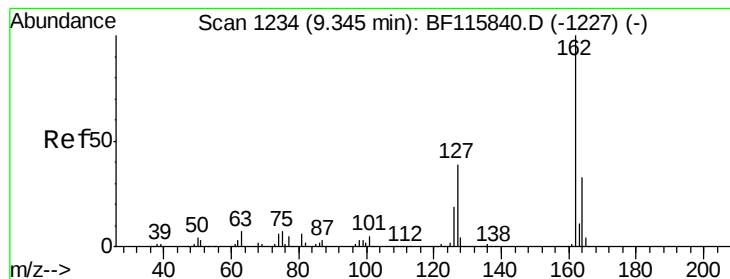
#46
1,1'-Biphenyl
Concen: 50.439 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:154 Resp: 954982
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 14.3 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: 47.410 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampled :

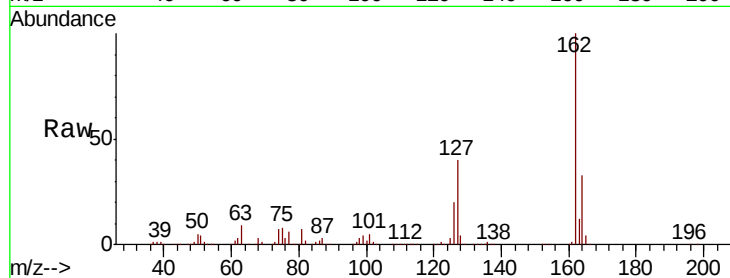
Tot Ion:162 Resp: 747101

Ion Ratio Lower Upper

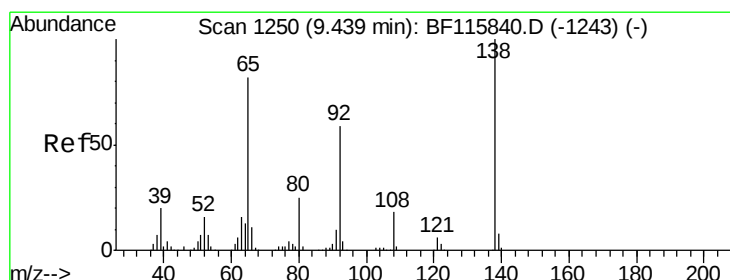
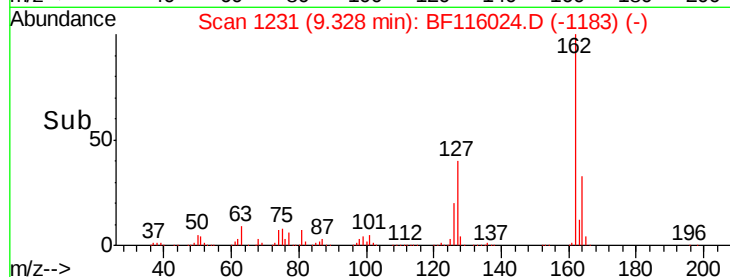
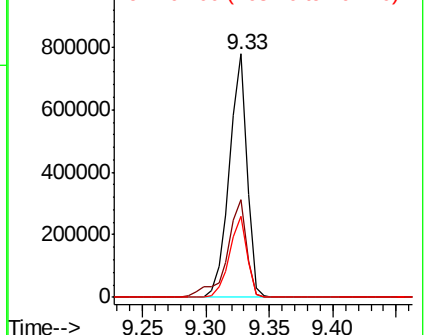
162 100

127 40.4 31.3 46.9

164 33.1 26.6 40.0



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: 44.766 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

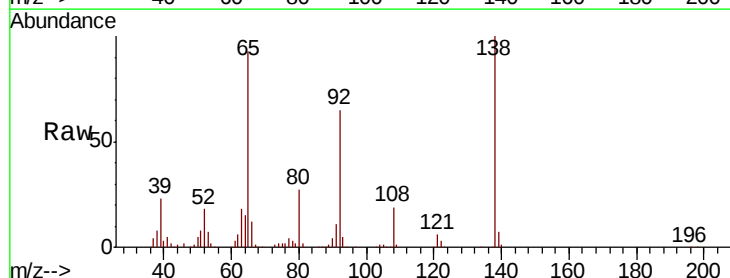
Tgt Ion: 65 Resp: 233172

Ion Ratio Lower Upper

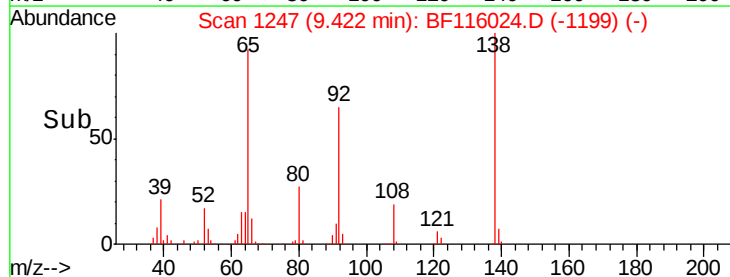
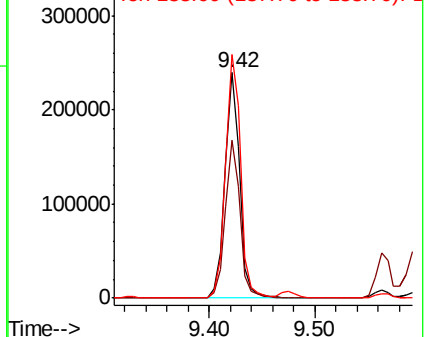
65 100

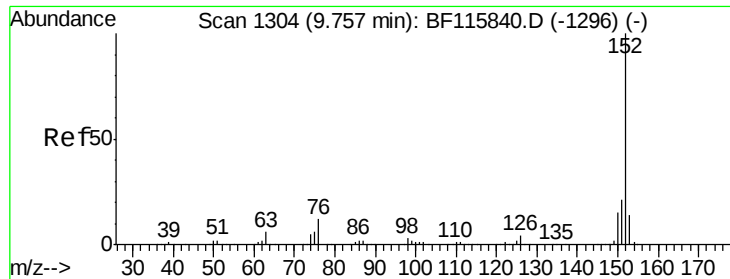
92 69.7 57.1 85.7

138 107.9 97.1 145.7



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: 49.628 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

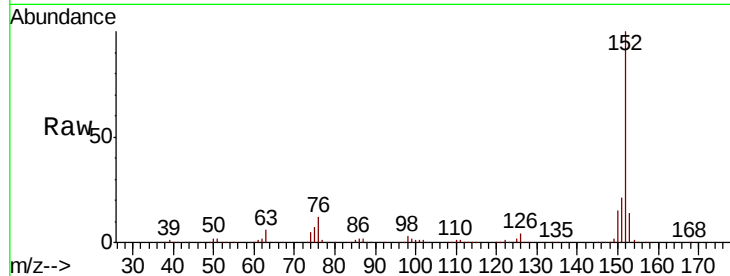
Tot Ion:152 Resp: 1140933

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

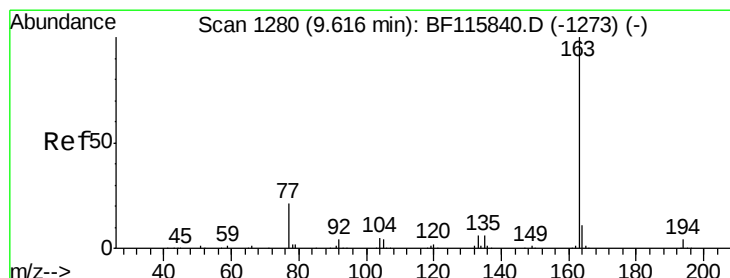
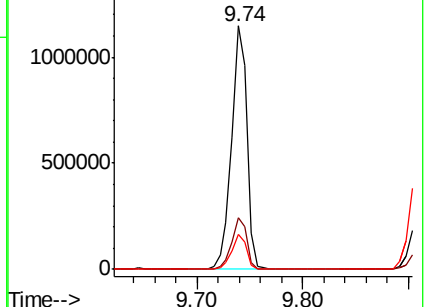
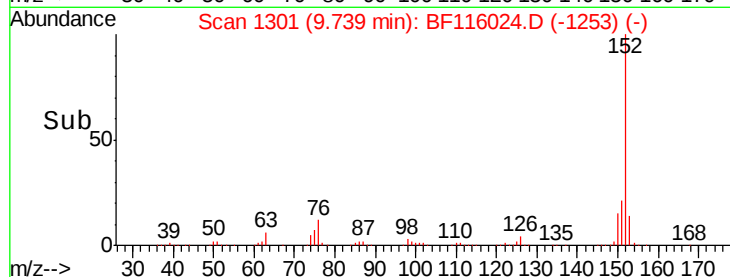
153 14.3 11.6 17.4



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: 47.843 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

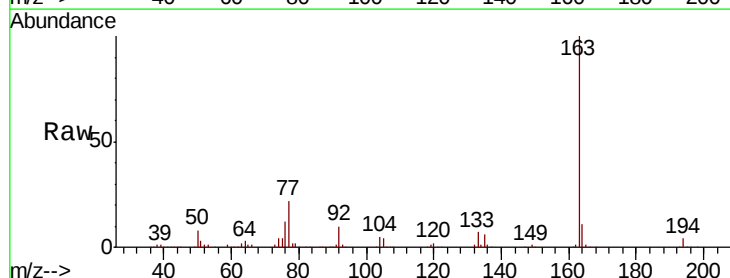
Tgt Ion:163 Resp: 873622

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

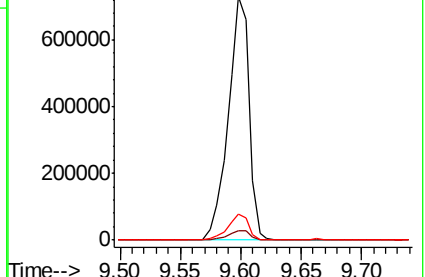
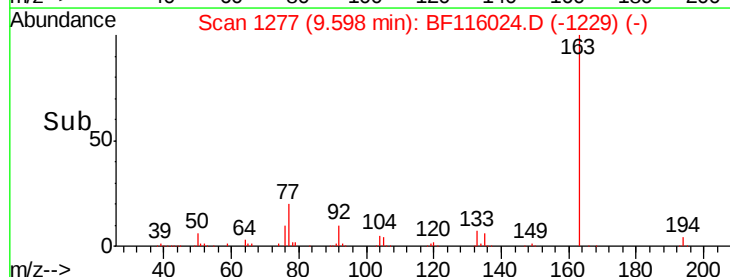
164 10.6 8.4 12.6

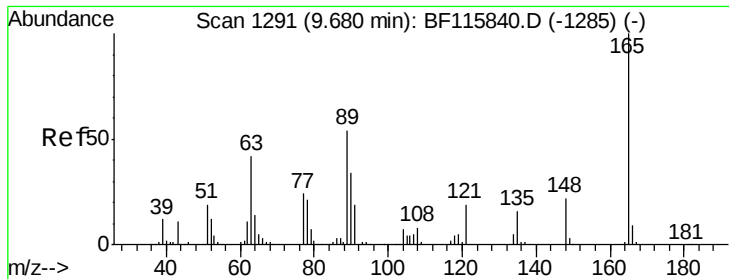


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.627 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

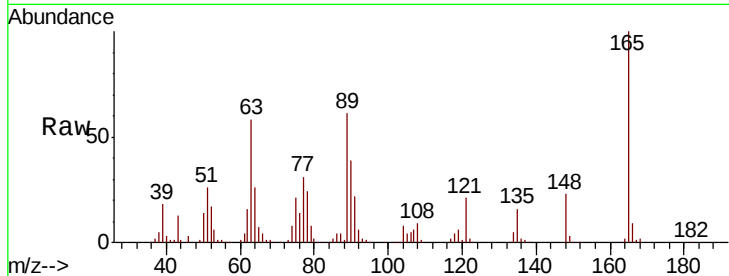
Tot Ion:165 Resp: 192961

Ion Ratio Lower Upper

165 100

63 58.5 39.4 59.2

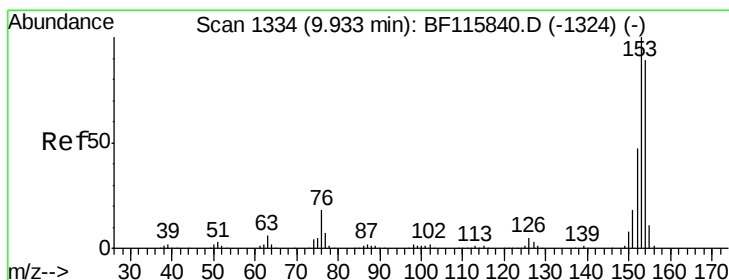
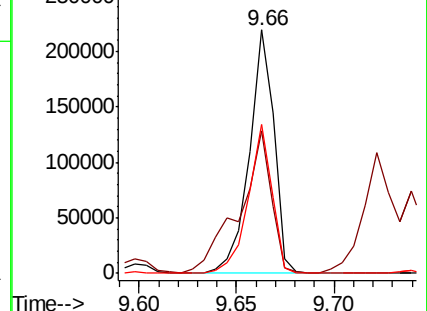
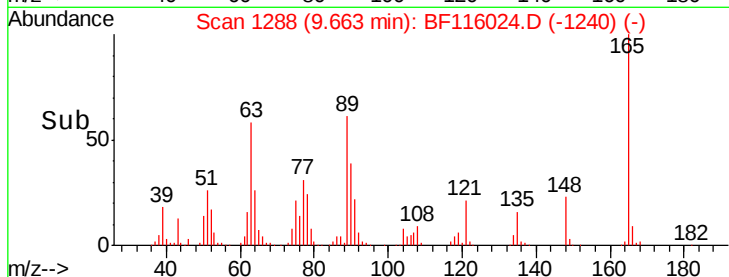
89 61.2 43.0 64.6



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: 48.142 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

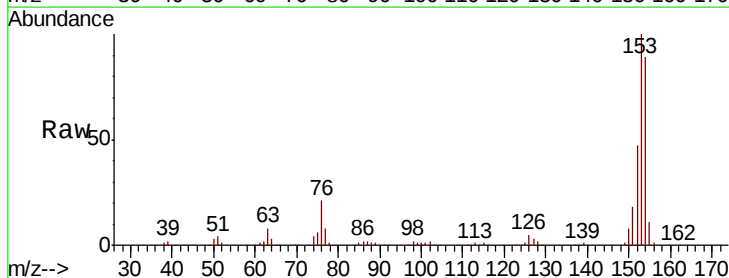
Tgt Ion:154 Resp: 678993

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

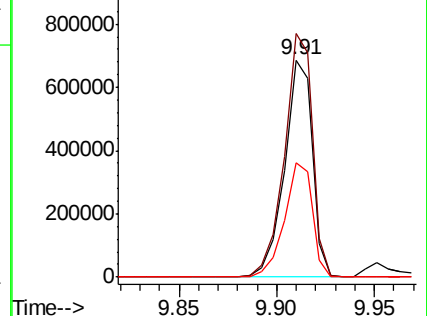
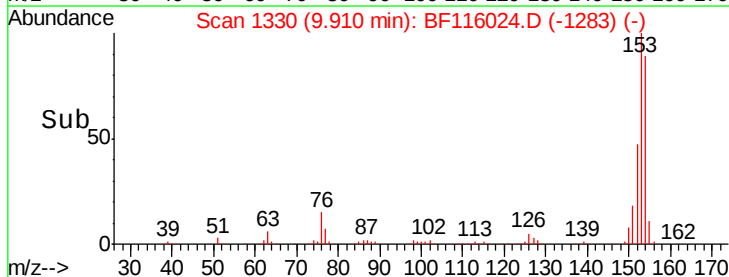
152 53.0 42.6 63.8

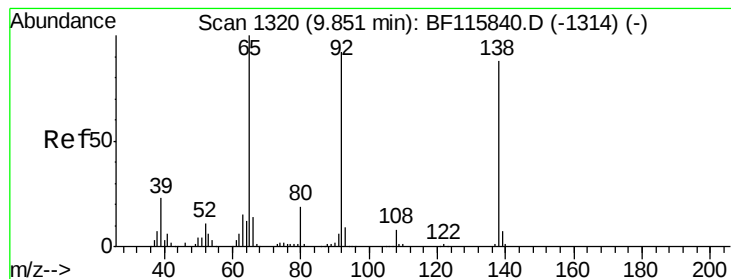


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.342 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

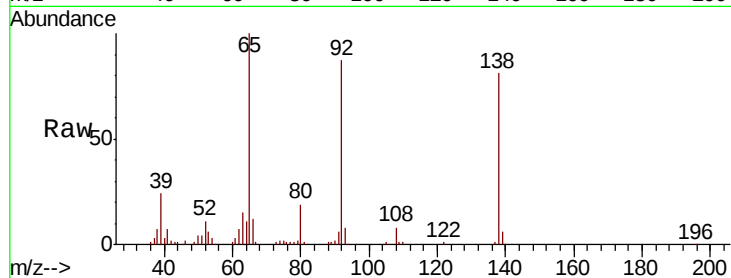
Tot Ion:138 Resp: 75226

Ion Ratio Lower Upper

138 100

108 10.0 7.4 11.2

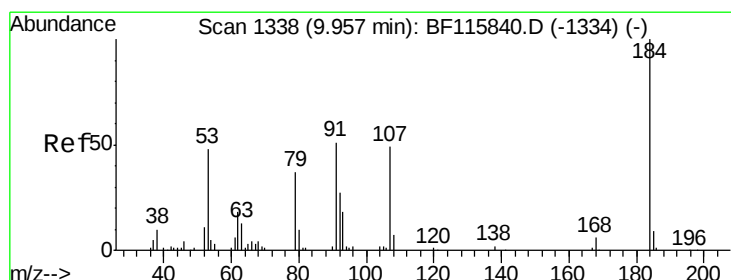
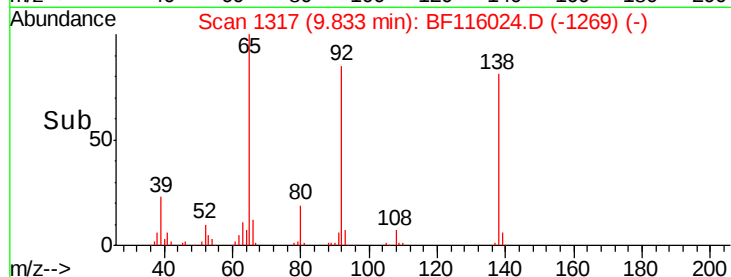
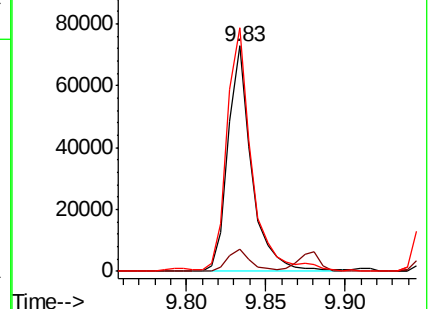
92 108.0 83.9 125.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 44.384 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

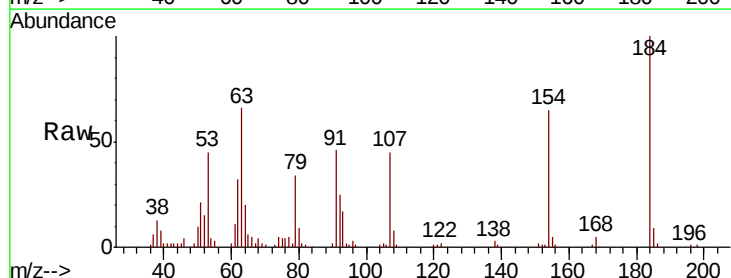
Tgt Ion:184 Resp: 81800

Ion Ratio Lower Upper

184 100

63 65.7 56.7 85.1

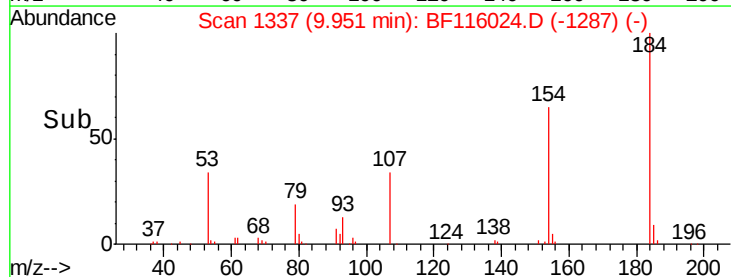
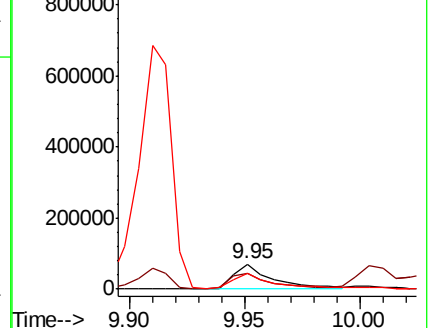
154 65.4 51.9 77.9

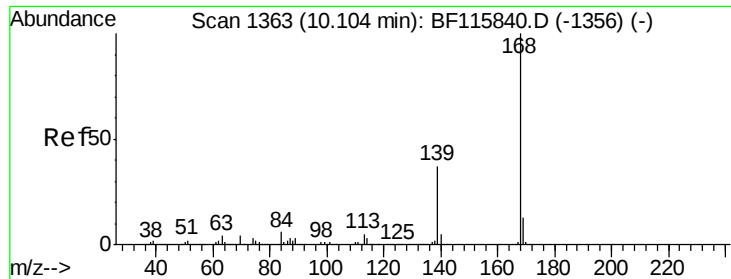


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

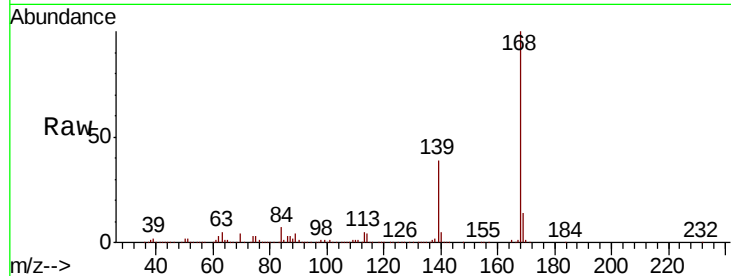




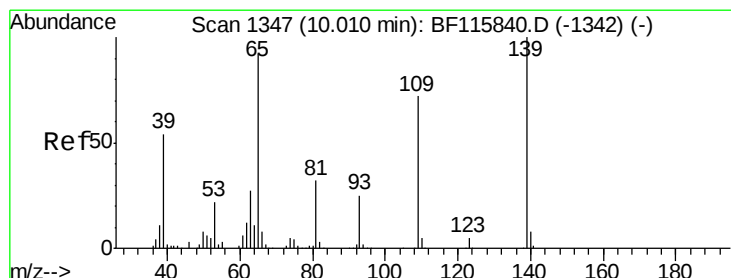
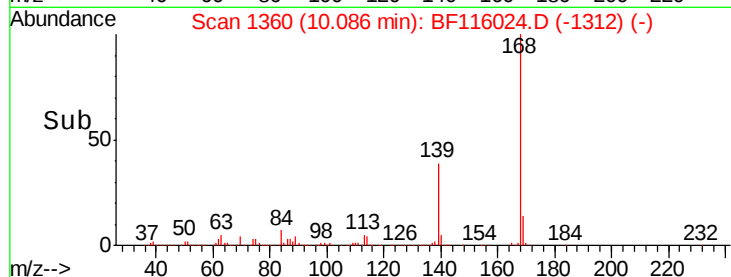
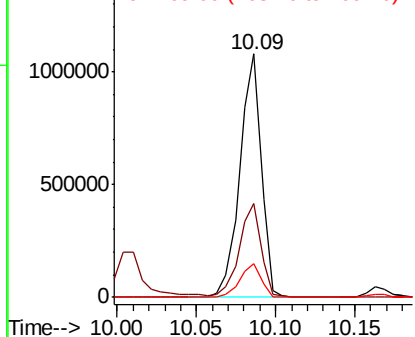
#55
Dibenzofuran
Concen: 49.275 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1010659
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.2
169 14.0 10.8 16.2

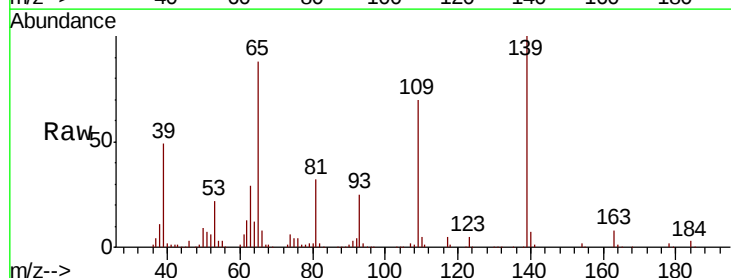


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

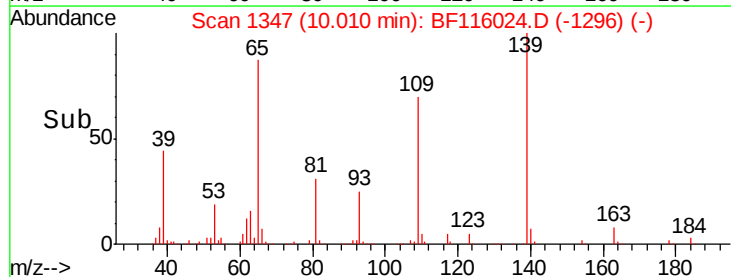
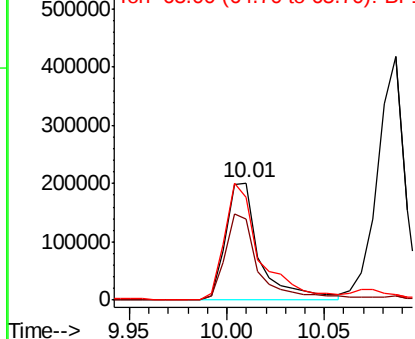


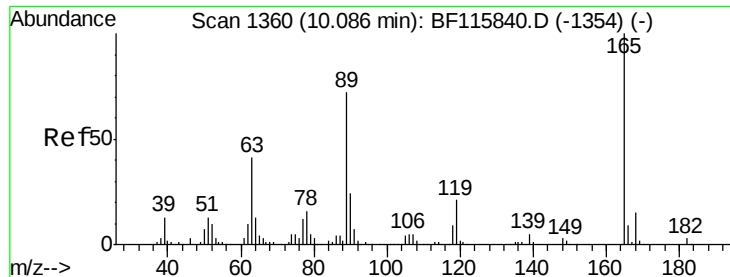
#56
4-Nitrophenol
Concen: 77.887 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:139 Resp: 244646
Ion Ratio Lower Upper
139 100
109 69.6 52.0 92.0
65 87.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

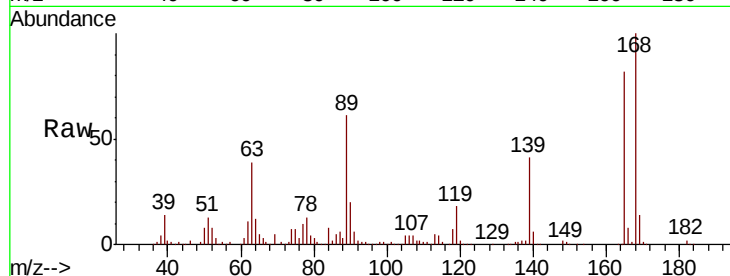




#57
2,4-Dinitrotoluene
Concen: 46.802 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	33.2	49.8
89	74.3	57.3	85.9
182	2.5	2.1	3.1



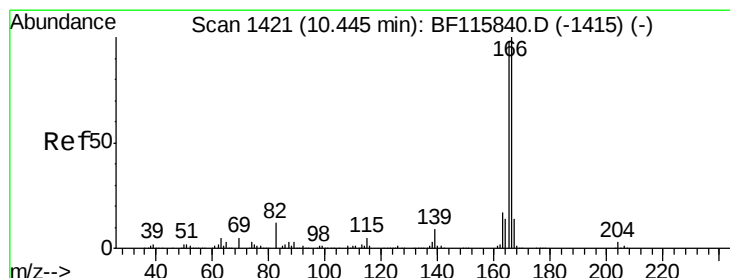
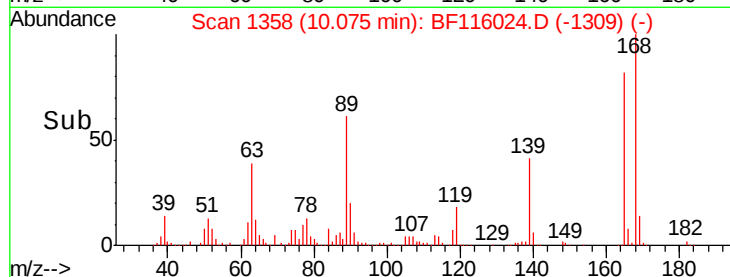
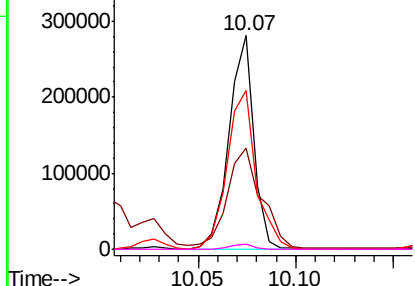
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

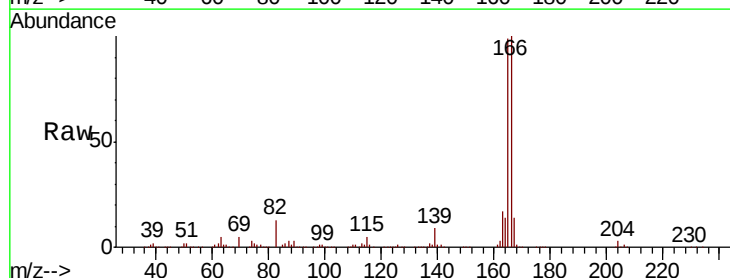
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.092 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	14.0	10.9	16.3

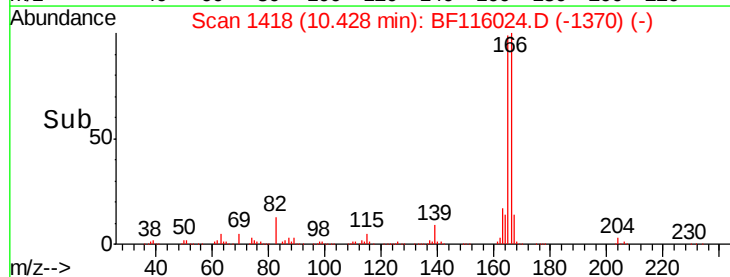
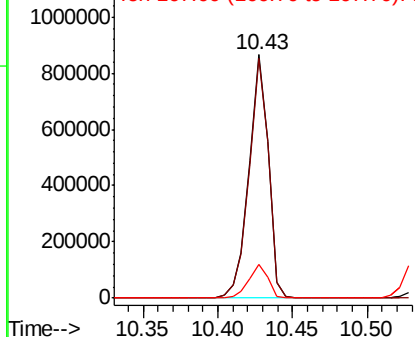


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

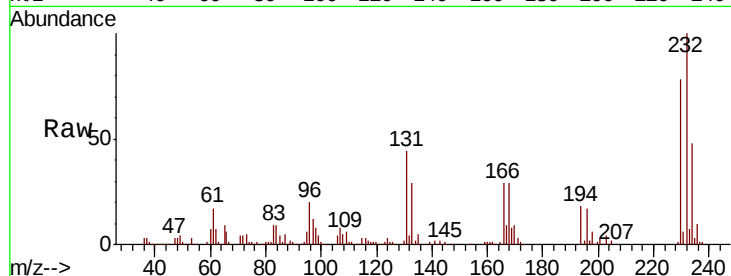




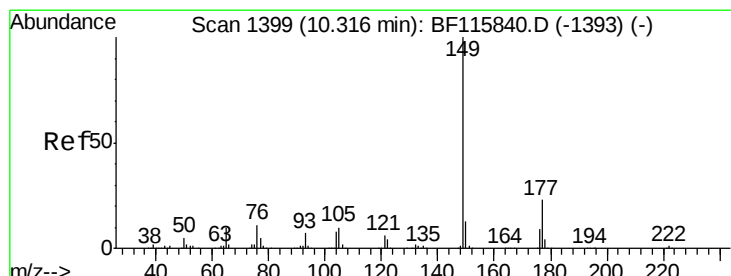
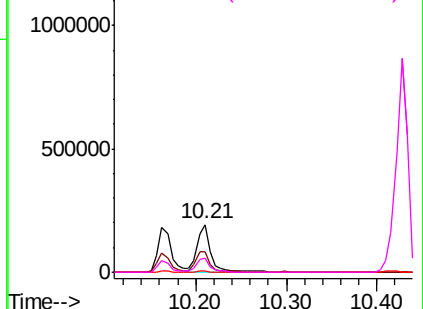
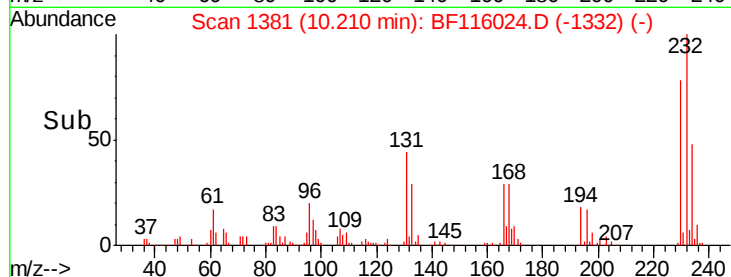
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.162 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	202406
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.6	56.4
130	2.4	1.8	2.8
166	29.8	24.6	37.0

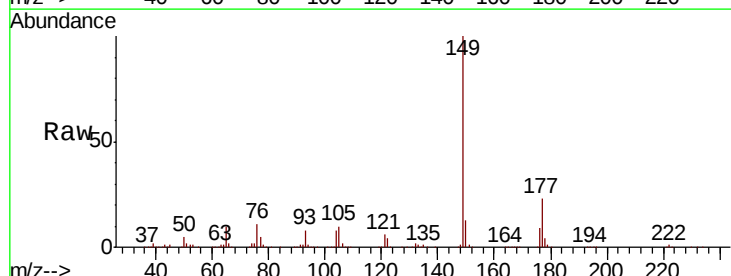


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

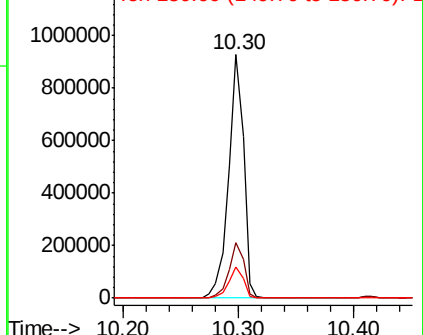
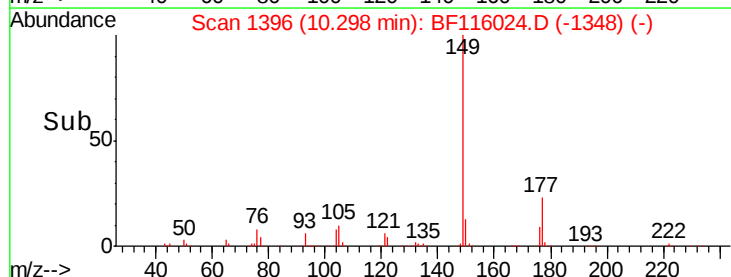


#60
 Diethylphthalate
 Concen: 48.913 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion:	149	Resp:	833870
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.7	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

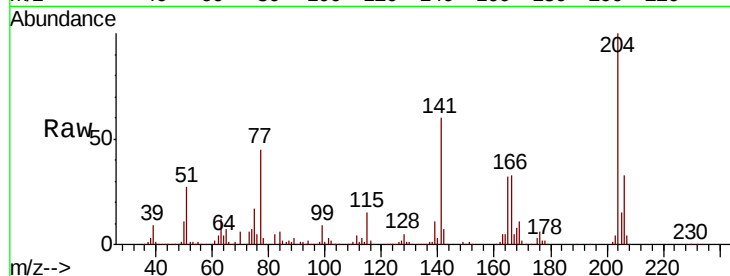




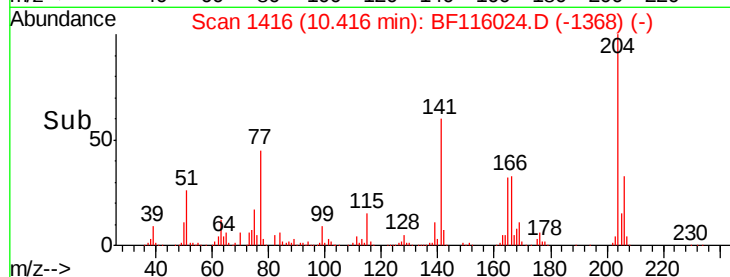
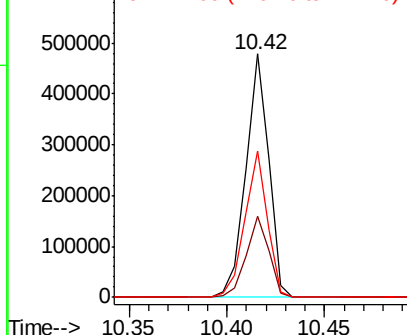
#61
4-Chlorophenyl-phenylether
Concen: 48.547 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 387985
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.9 47.0 70.4

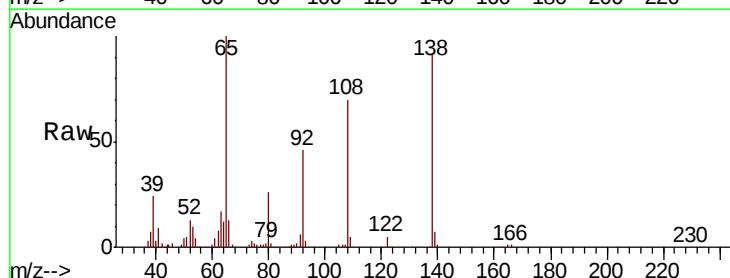


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

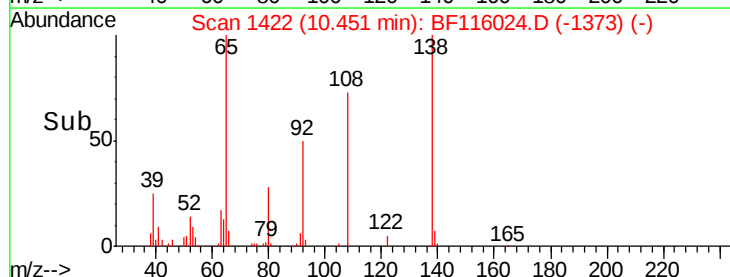
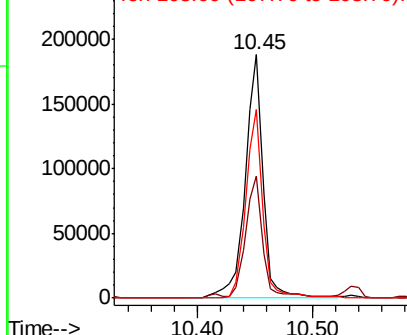


#62
4-Nitroaniline
Concen: 39.856 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:138 Resp: 201961
Ion Ratio Lower Upper
138 100
92 50.3 31.0 71.0
108 77.5 56.7 96.7



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





#63

Azobenzene

Concen: 49.477 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 867577

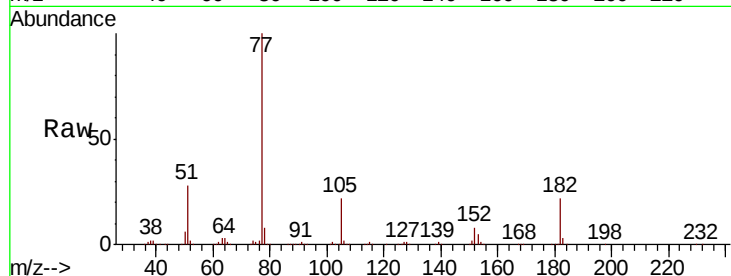
Ion Ratio Lower Upper

77 100

182 22.3 2.6 42.6

105 21.6 1.6 41.6

51 27.5 7.4 47.4

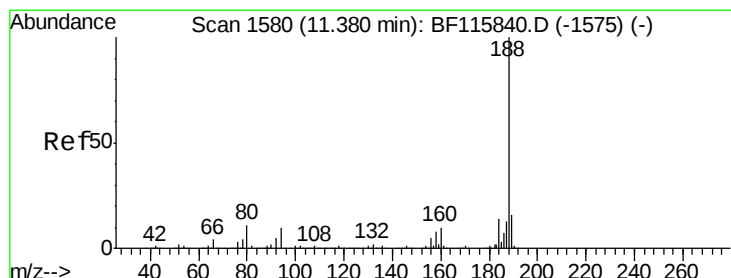
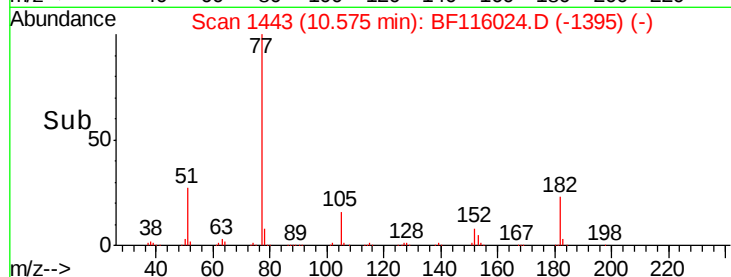
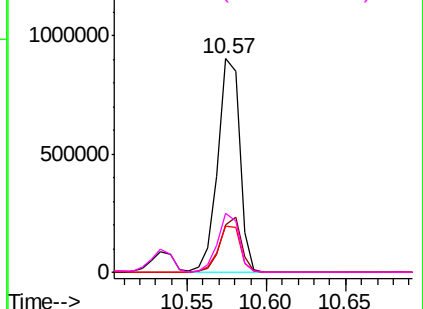


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

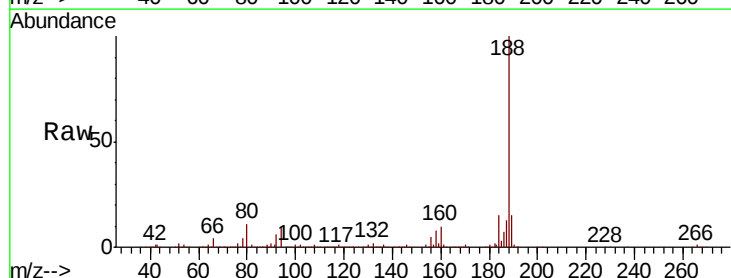
Tgt Ion: 188 Resp: 475592

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

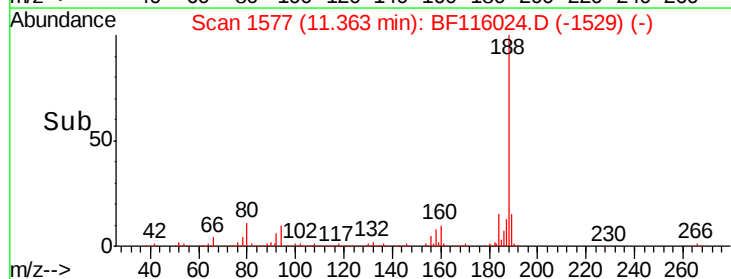
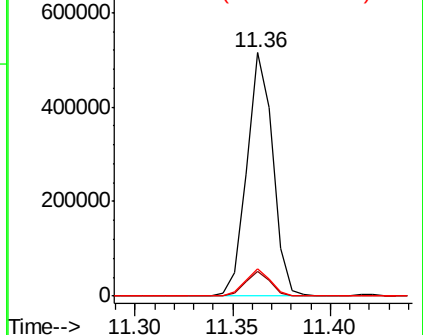
80 11.3 8.6 12.8

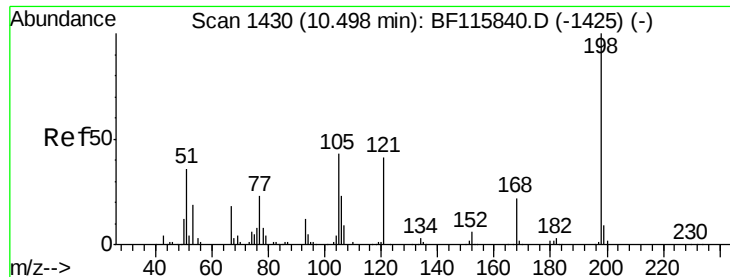


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 32.003 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

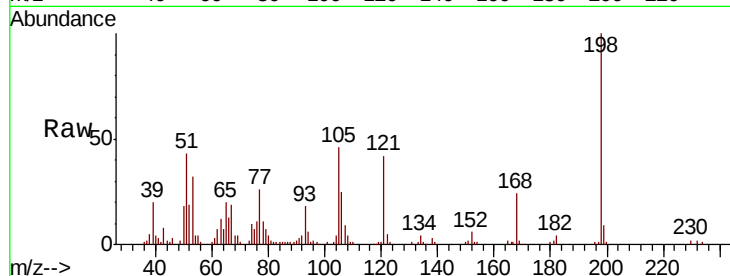
Tot Ion:198 Resp: 80658

Ion Ratio Lower Upper

198 100

51 43.2 21.1 61.1

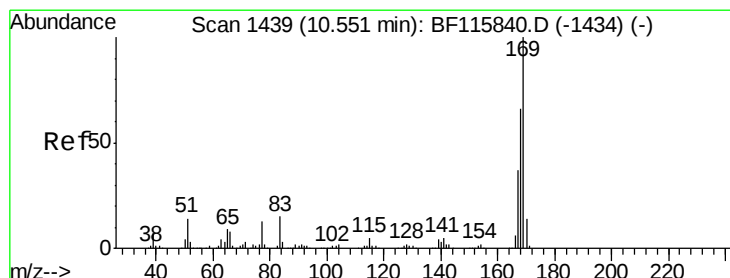
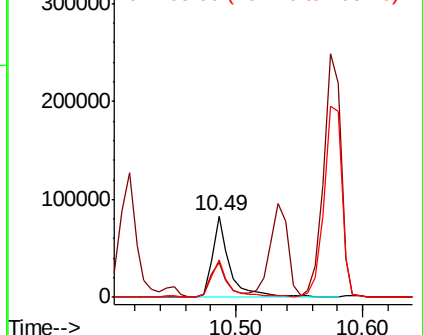
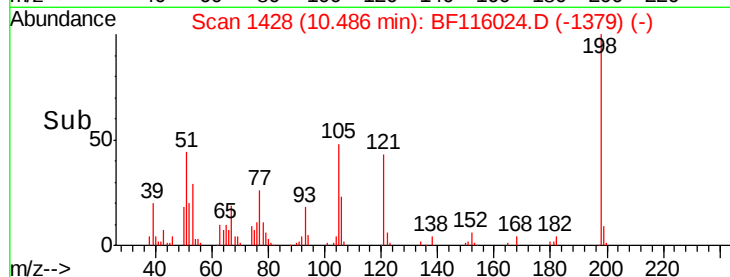
105 45.8 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.519 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

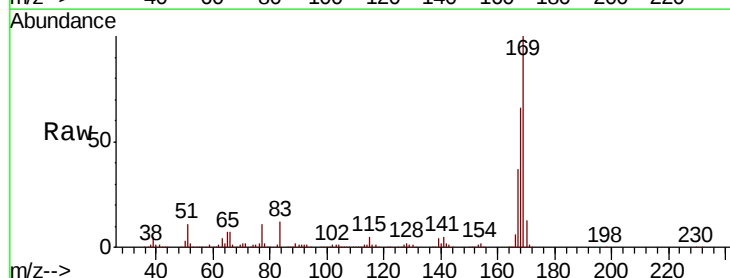
Tgt Ion:169 Resp: 694538

Ion Ratio Lower Upper

169 100

168 66.4 53.0 79.6

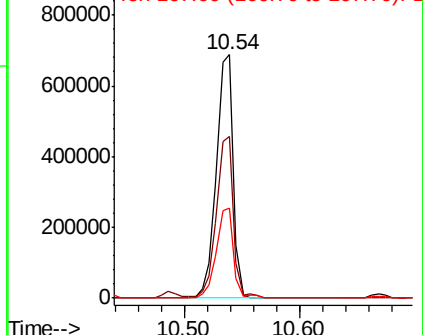
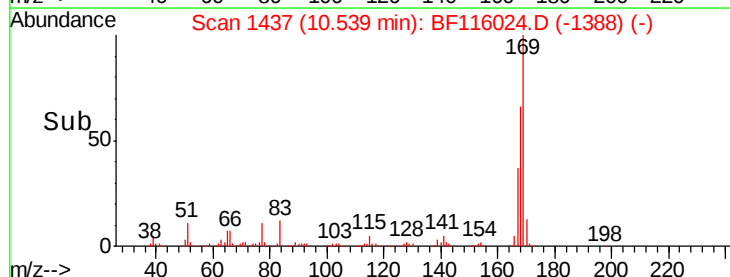
167 36.9 29.9 44.9

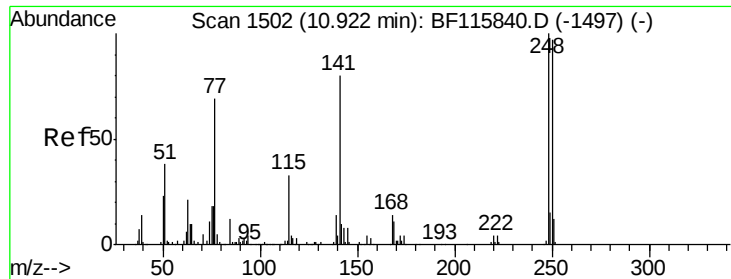


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

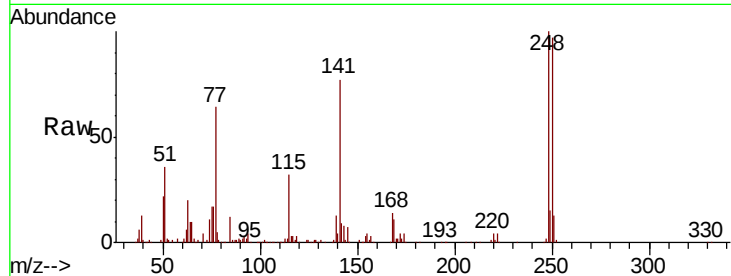




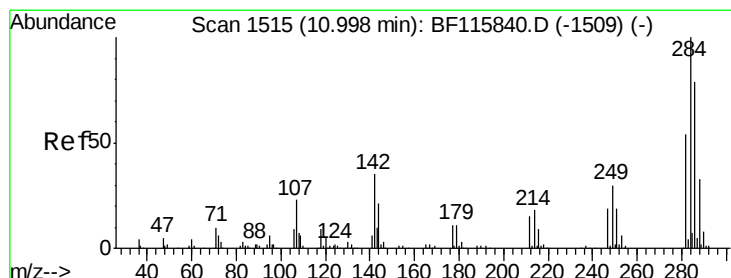
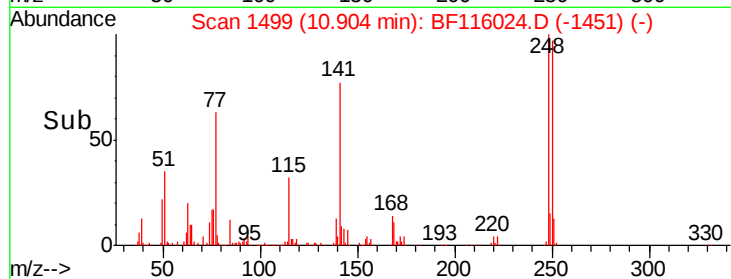
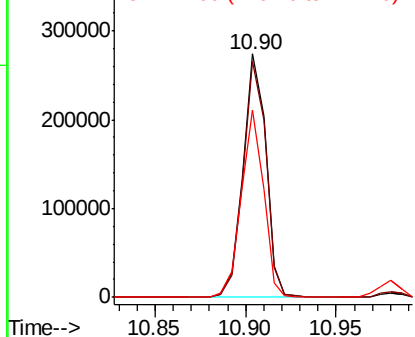
#67
 4-Bromophenyl-phenylether
 Concen: 47.323 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.6
141	77.0	64.3	96.5

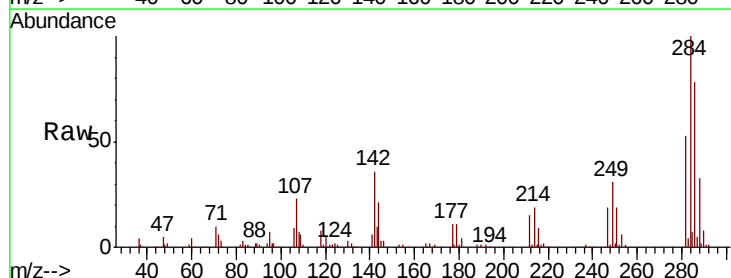


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

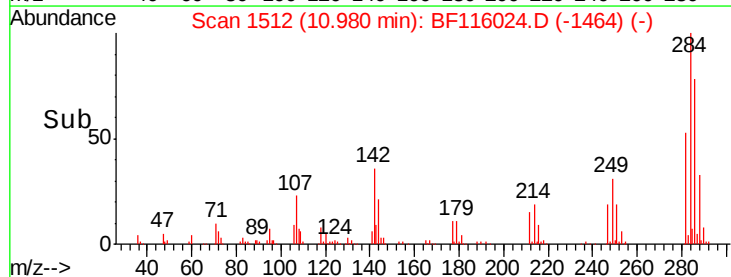
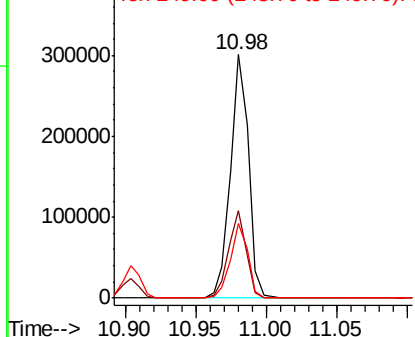


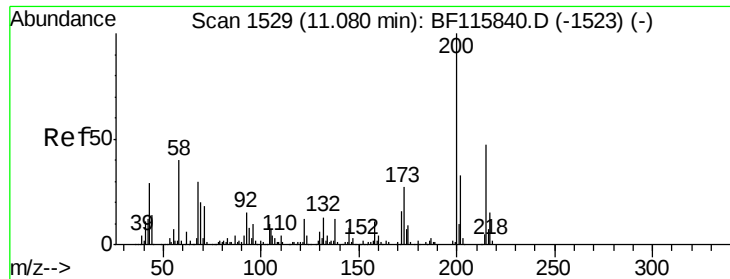
#68
 Hexachlorobenzene
 Concen: 45.526 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.2	42.2
249	30.6	24.0	36.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

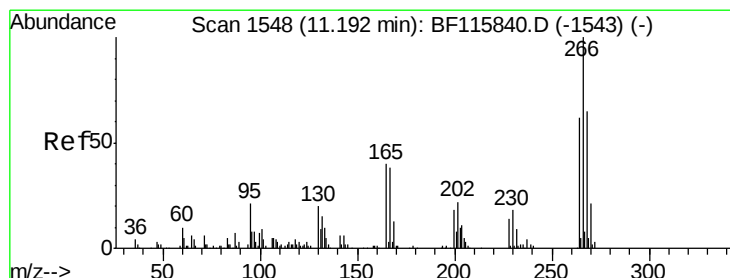
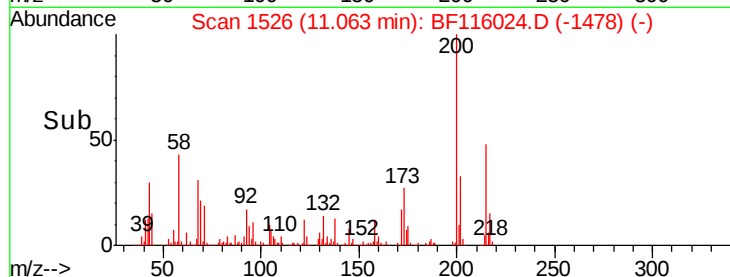
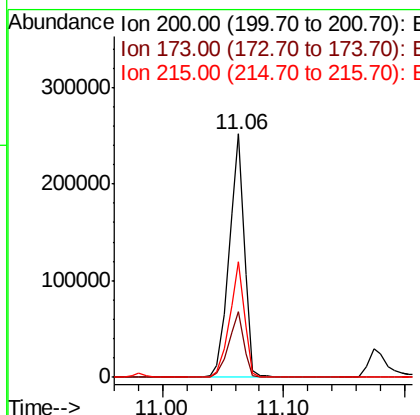
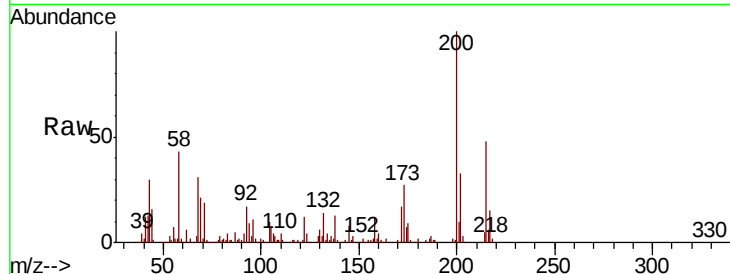




#69
 Atrazine
 Concen: 46.827 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

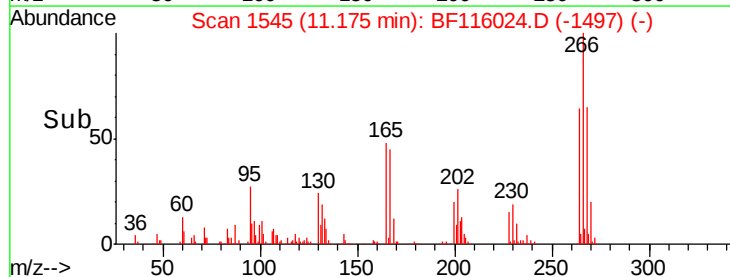
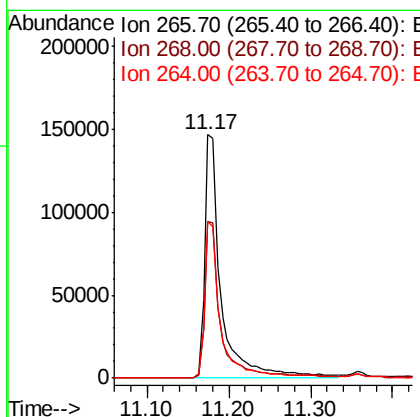
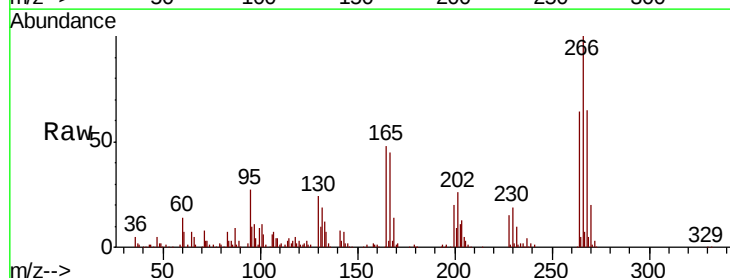
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.3	47.3
215	47.7	26.9	66.9



#70
 Pentachlorophenol
 Concen: 72.531 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.6	77.4
264	64.5	49.4	74.0

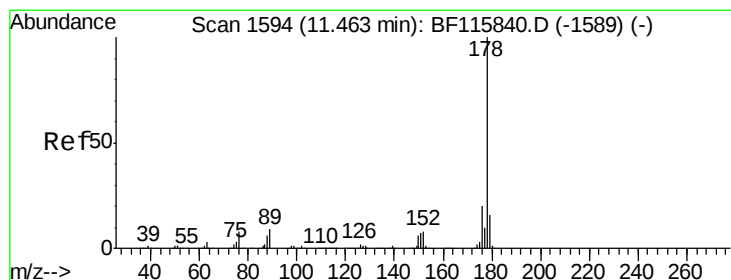
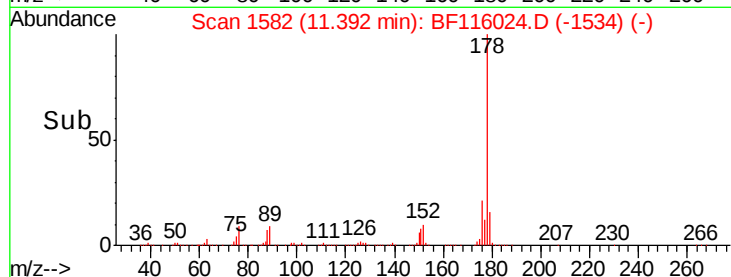
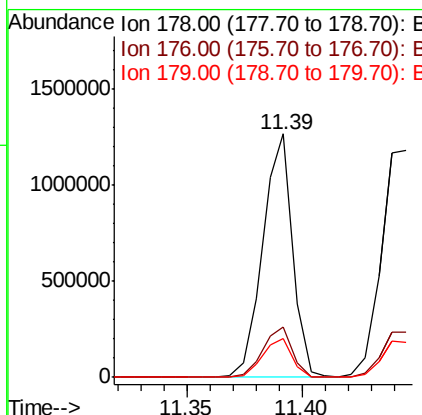
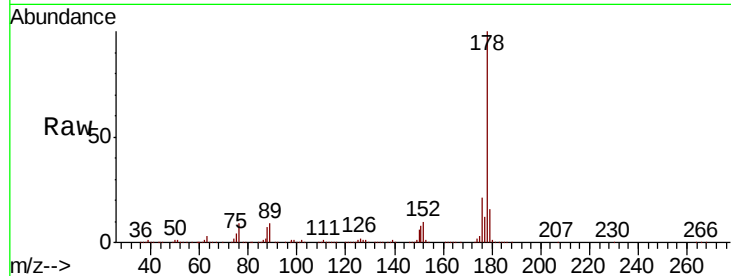




#71
Phenanthrene
Concen: 46.650 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

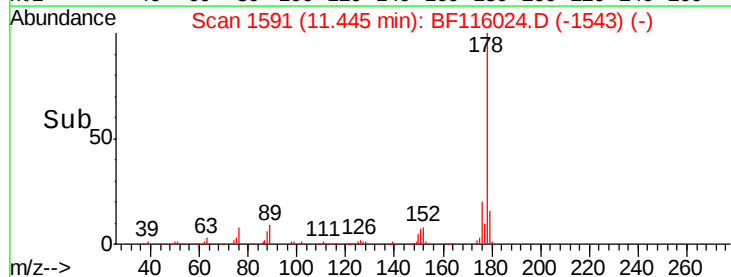
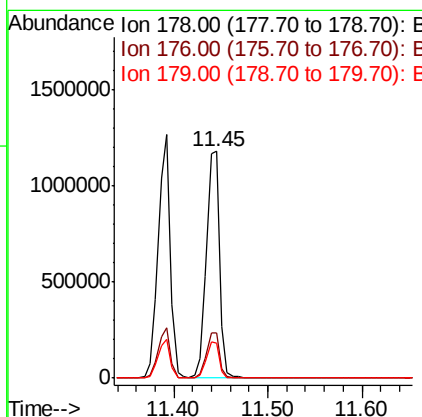
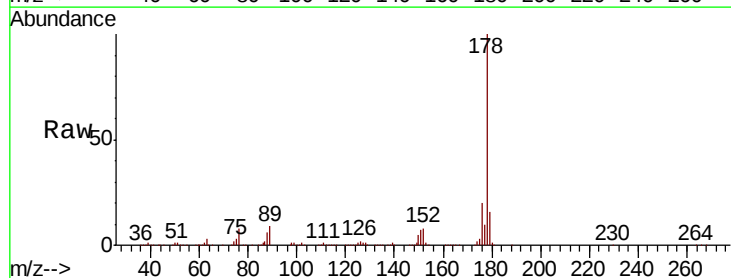
Instrument :
BNA_F
ClientSampleId :

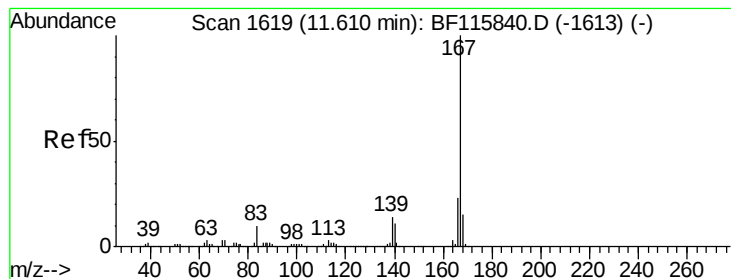
Tot Ion:178 Resp: 1134222
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.1 12.6 18.8



#72
Anthracene
Concen: 47.626 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:178 Resp: 1171890
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.6 12.4 18.6





#73

Carbazole

Concen: 47.150 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

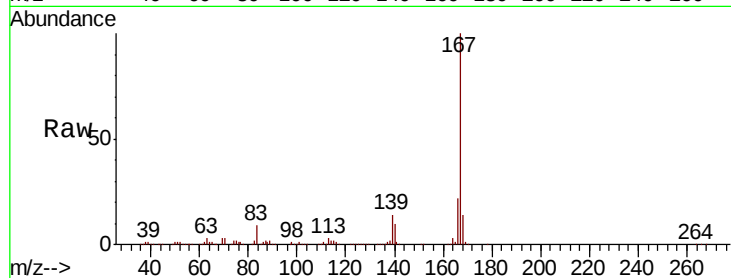
Tot Ion:167 Resp: 1052571

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

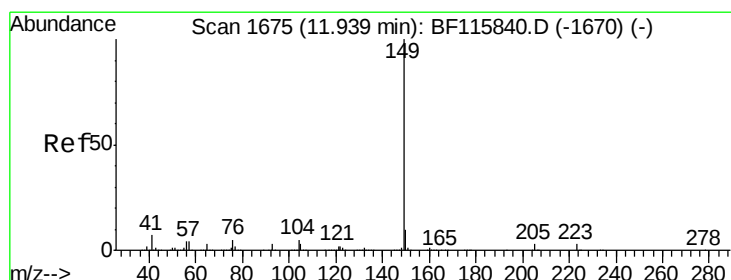
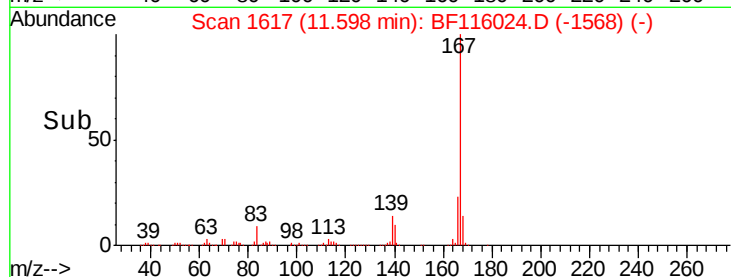
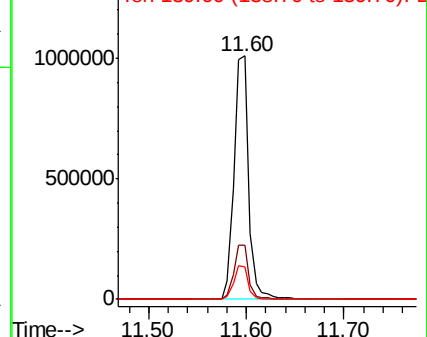
139 13.5 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.093 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

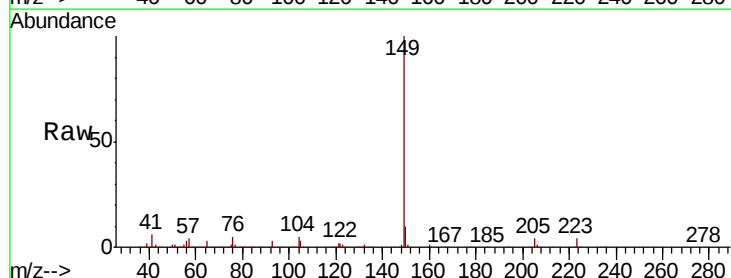
Tgt Ion:149 Resp: 1304522

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

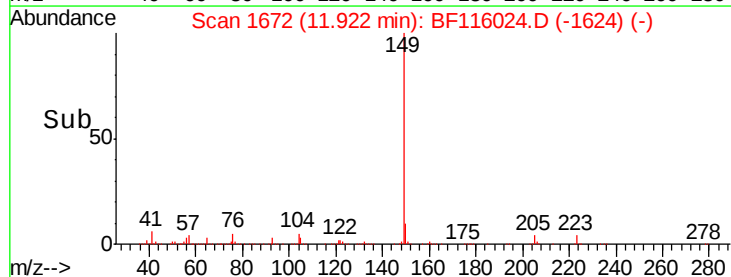
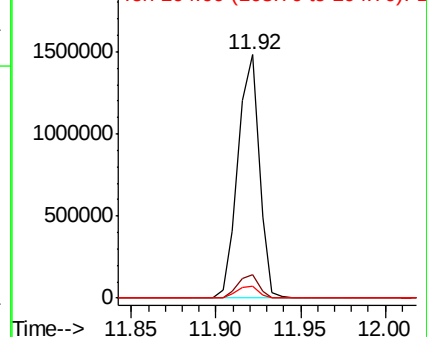
104 5.1 4.3 6.5

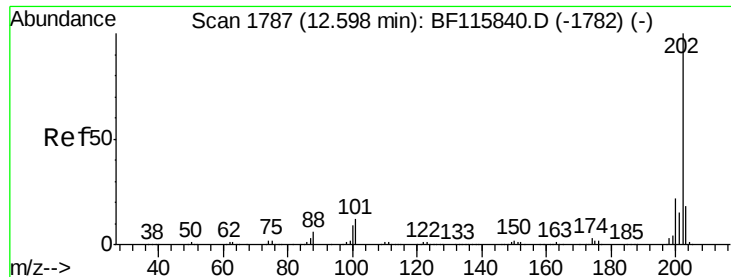


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

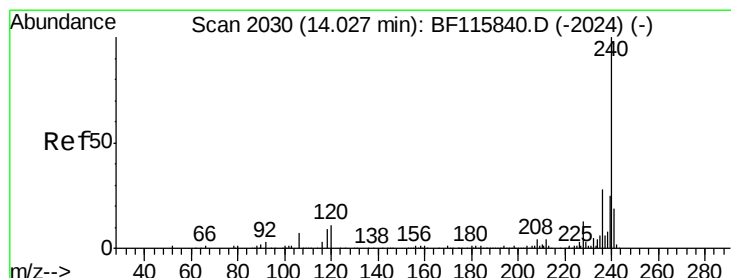
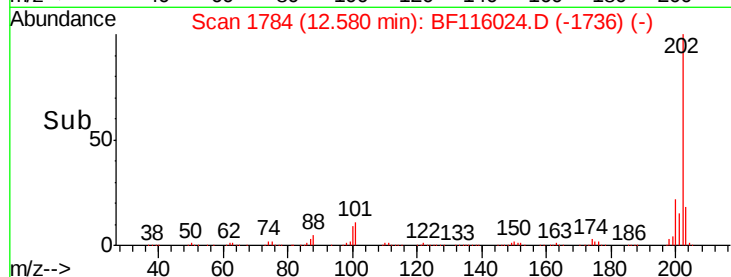
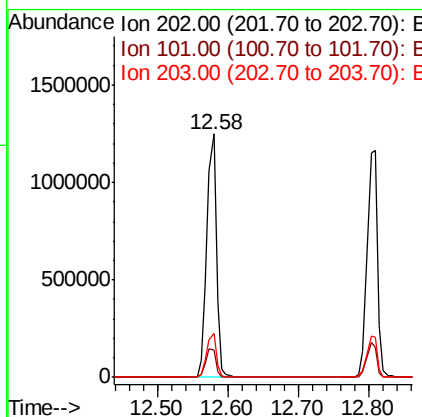
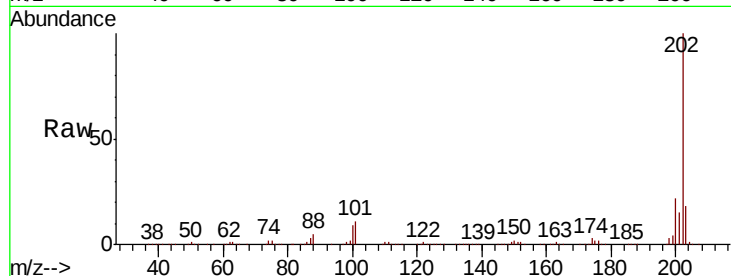




#75
 Fluoranthene
 Concen: 46.365 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

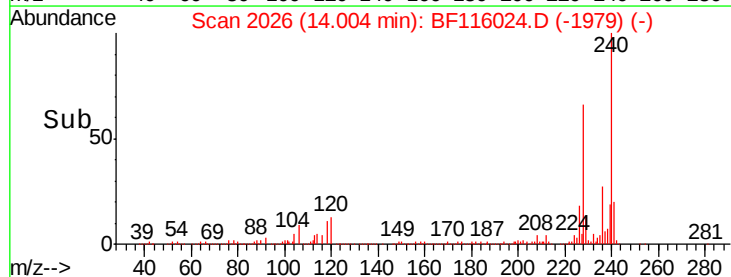
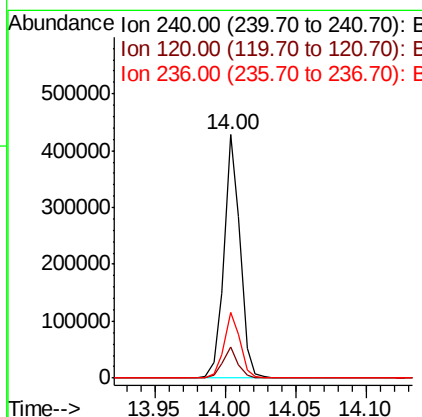
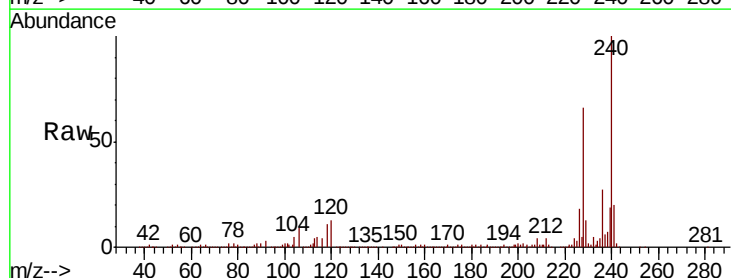
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1180146
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.5
 203 17.8 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion:240 Resp: 338809
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.5 12.7#
 236 27.0 22.2 33.2





#77

Benzidine

Concen: 4.630 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

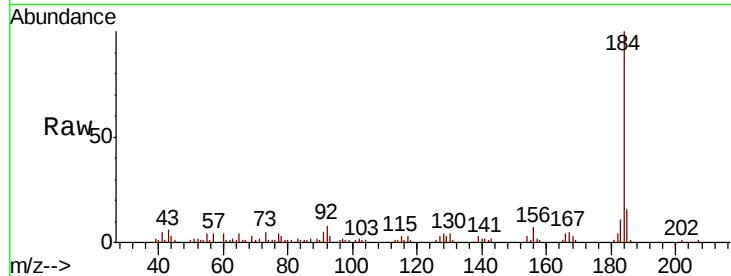
Tot Ion:184 Resp: 52994

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.2

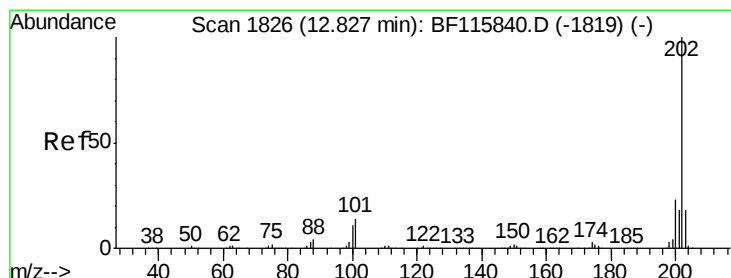
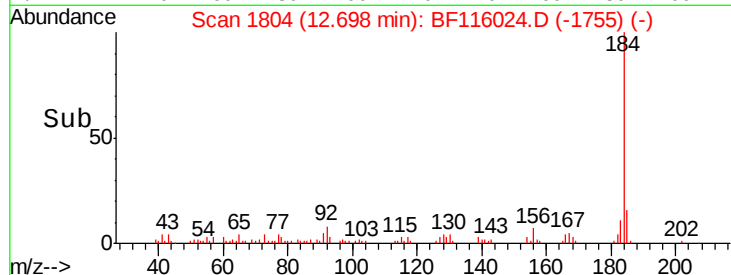
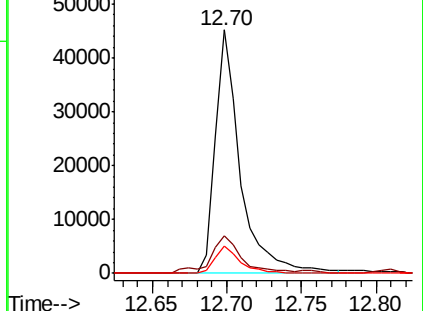
183 11.3 9.1 13.7



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: 46.628 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

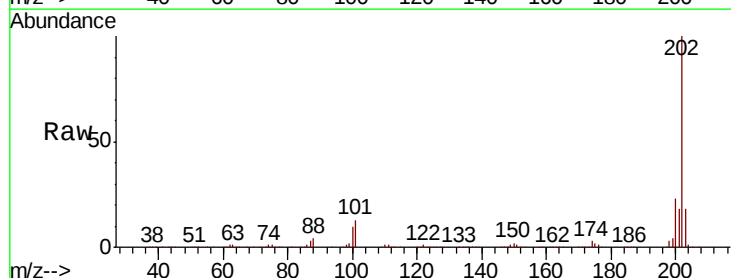
Tgt Ion:202 Resp: 1190872

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

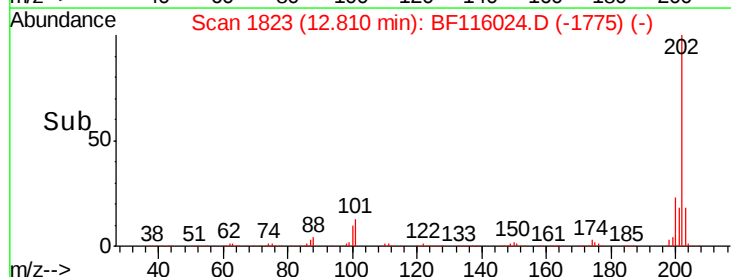
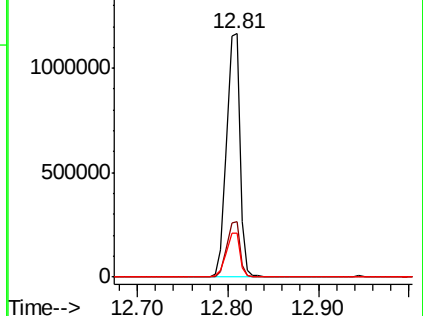
203 17.8 14.3 21.5



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: 100.691 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

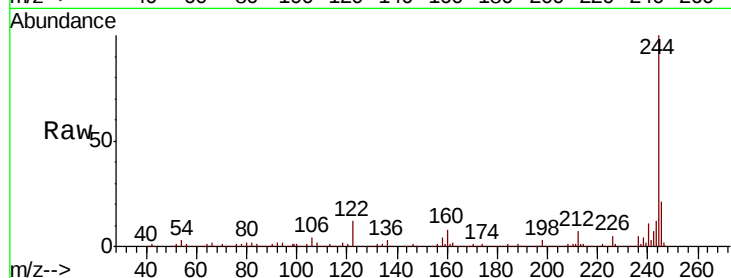
Tot Ion:244 Resp: 1619000

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

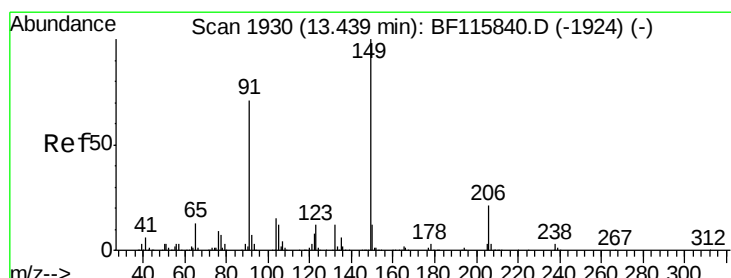
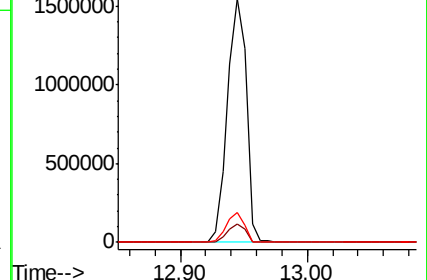
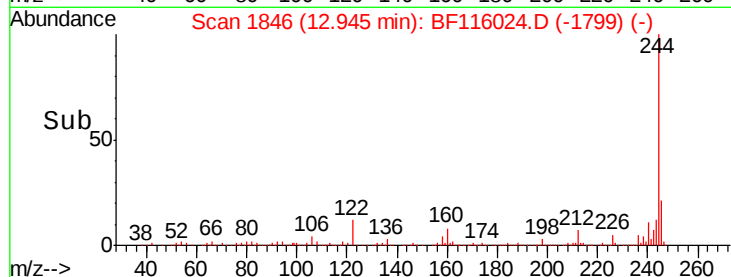
122 12.1 8.6 13.0



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: 50.439 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

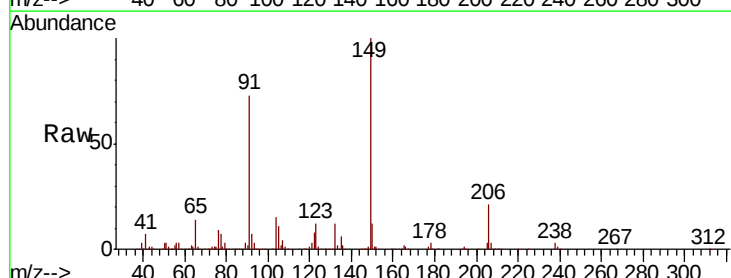
Tgt Ion:149 Resp: 544921

Ion Ratio Lower Upper

149 100

91 73.0 57.0 85.6

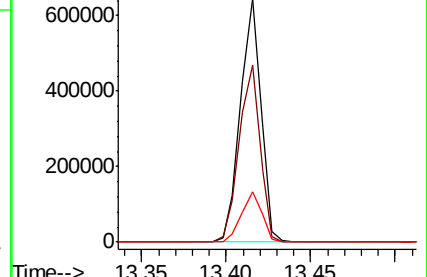
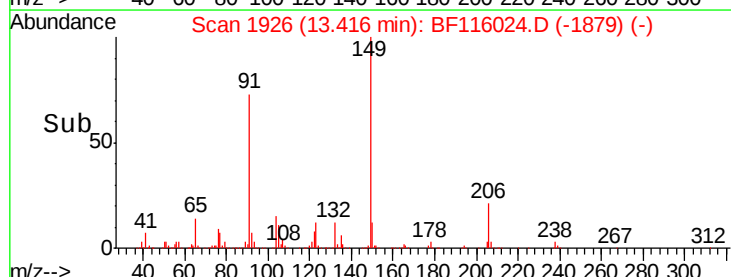
206 20.8 16.9 25.3

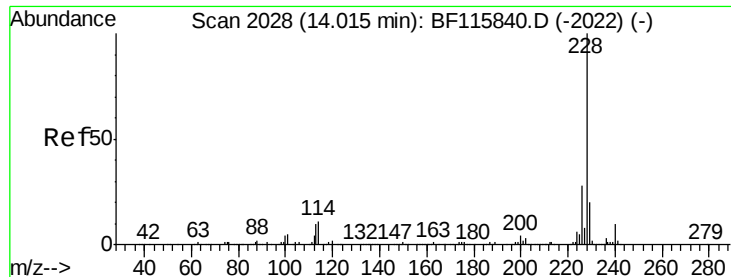


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.589 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampled :

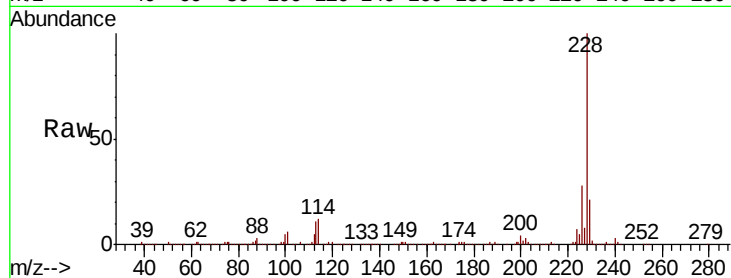
Tot Ion:228 Resp: 987250

Ion Ratio Lower Upper

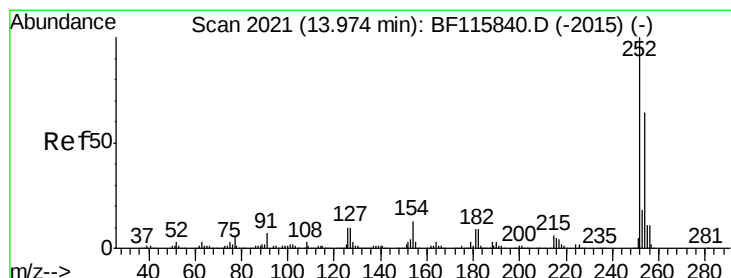
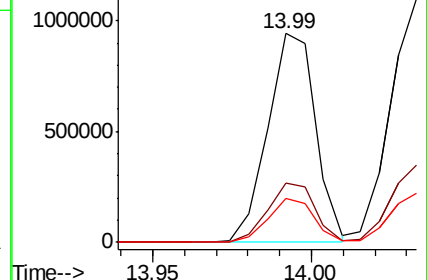
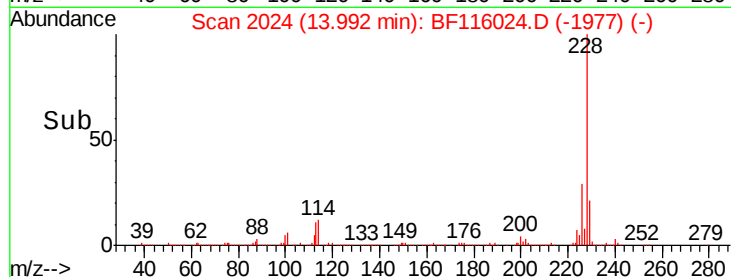
228 100

226 28.5 22.5 33.7

229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.696 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

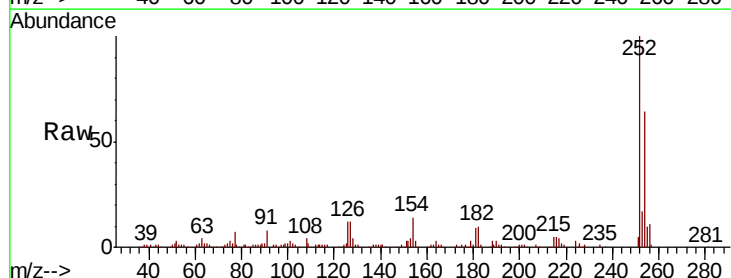
Tgt Ion:252 Resp: 140660

Ion Ratio Lower Upper

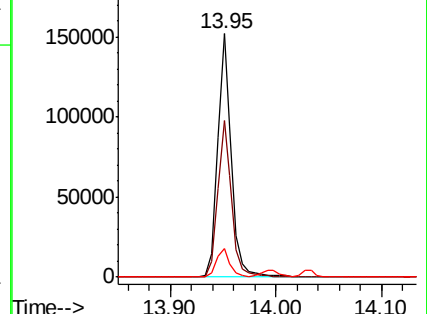
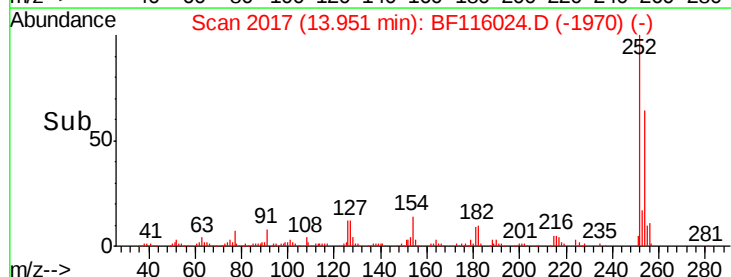
252 100

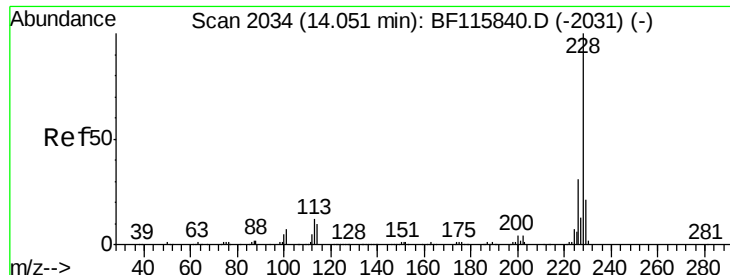
254 64.4 51.2 76.8

126 11.5 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
200000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

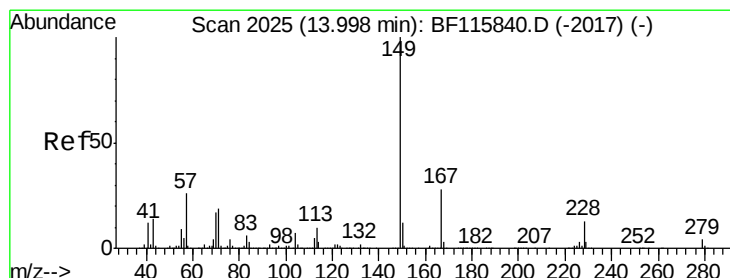
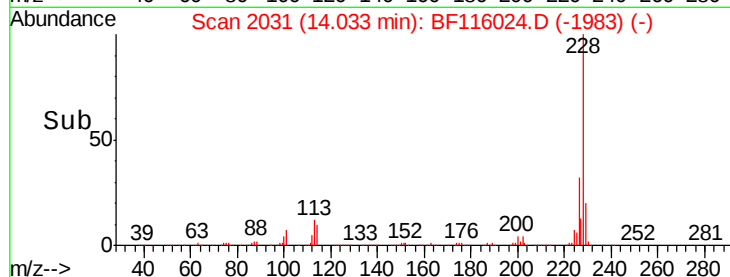
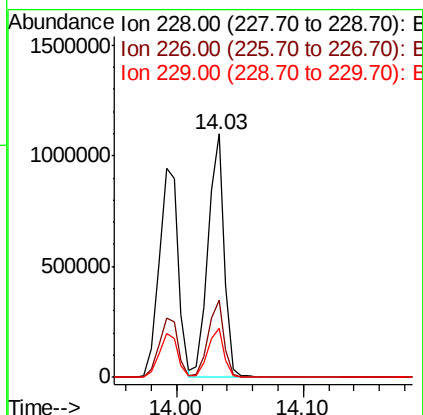
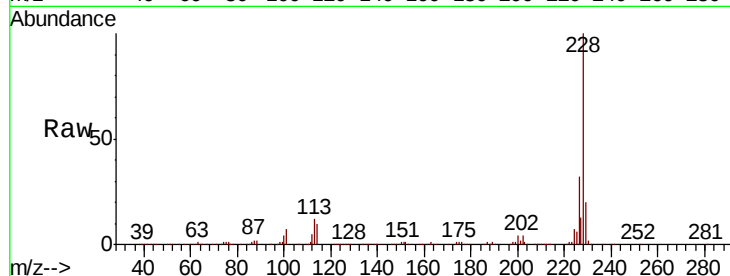




#83
 Chrvsene
 Concen: 46.625 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

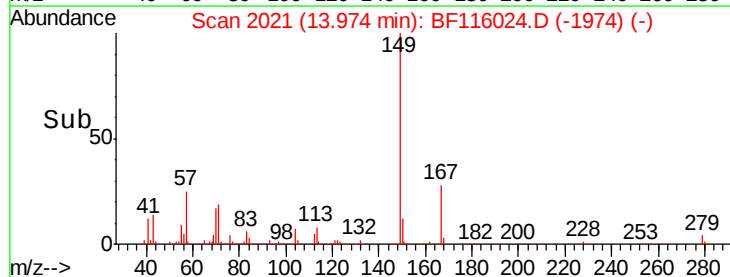
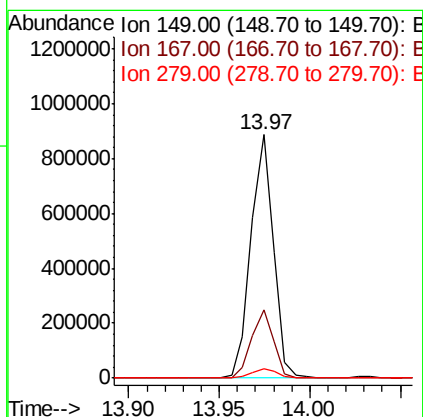
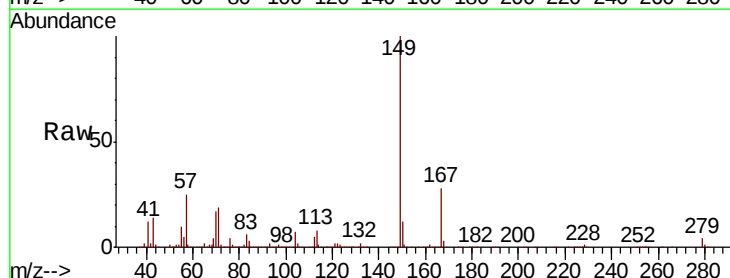
Instrument :
 BNA_F
 ClientSampled :

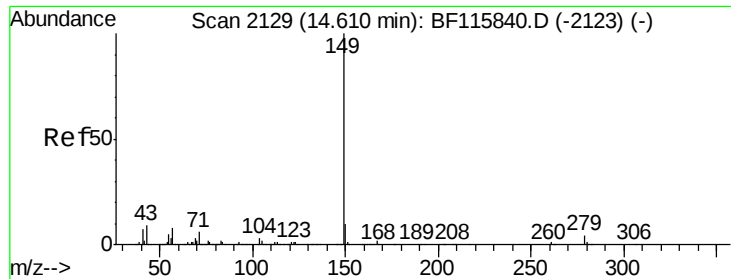
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	20.4	16.4	24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.534 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.1	3.3	4.9

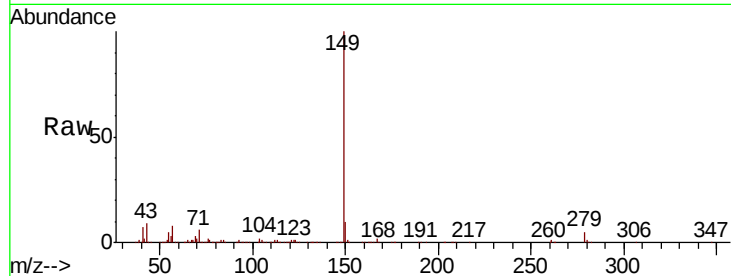




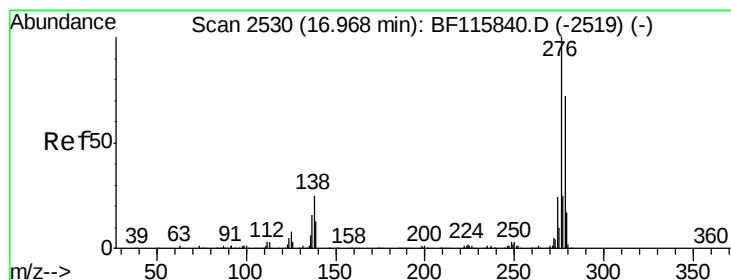
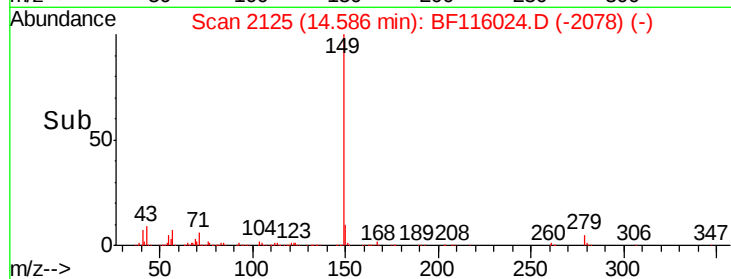
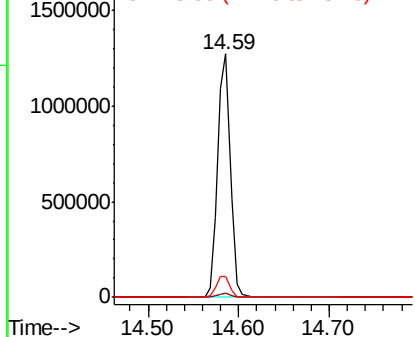
#85
Di-n-octyl phthalate
Concen: 54.675 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1219207
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 7.4 11.0

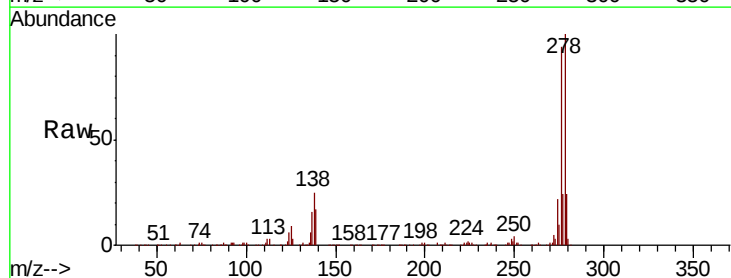


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

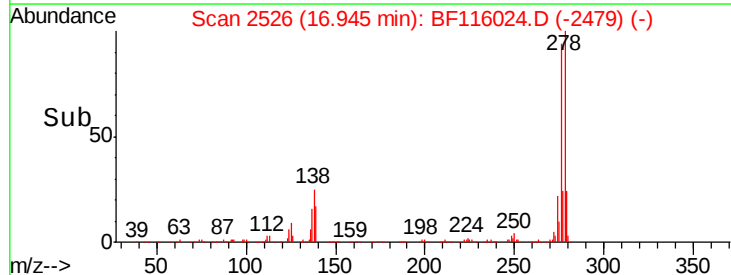
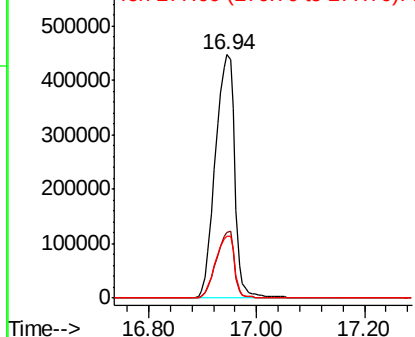


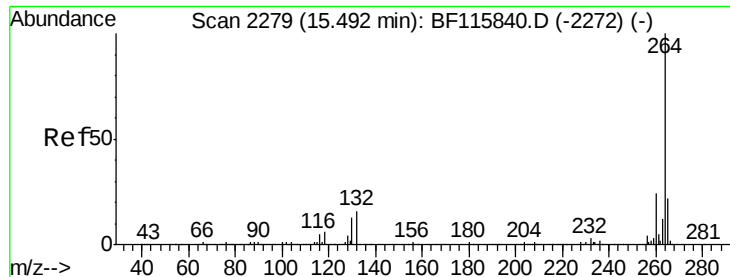
#86
Indeno(1,2,3-cd)pyrene
Concen: 64.566 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:276 Resp: 1140101
Ion Ratio Lower Upper
276 100
138 25.5 19.6 29.4
277 25.4 20.1 30.1



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

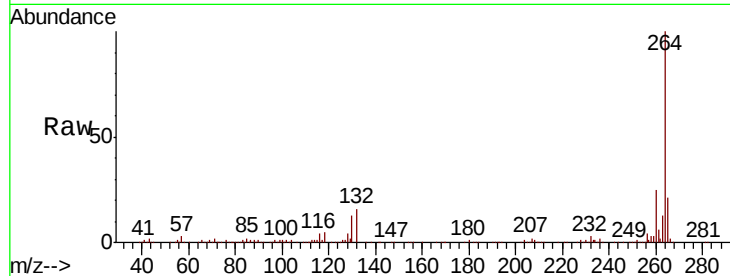




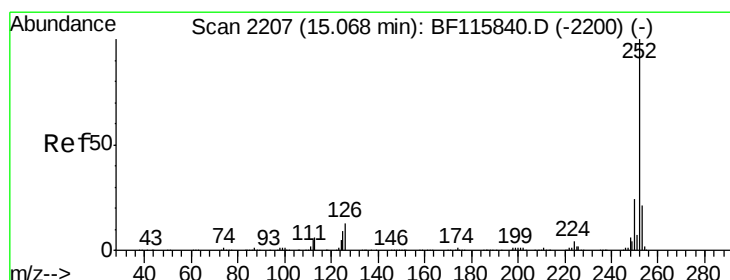
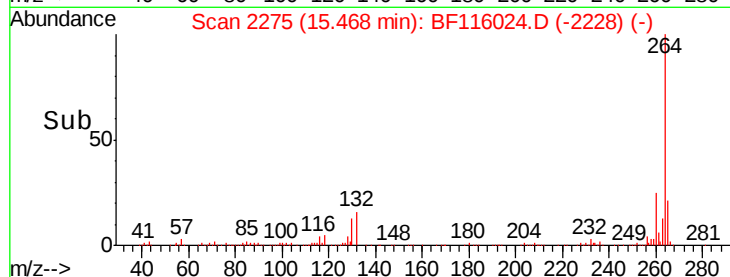
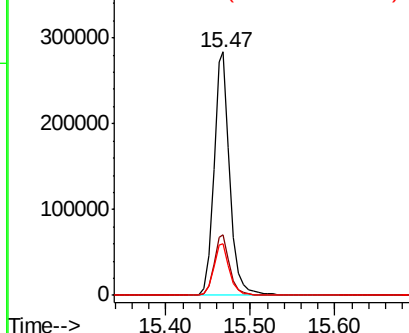
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 374014
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.3 17.5 26.3

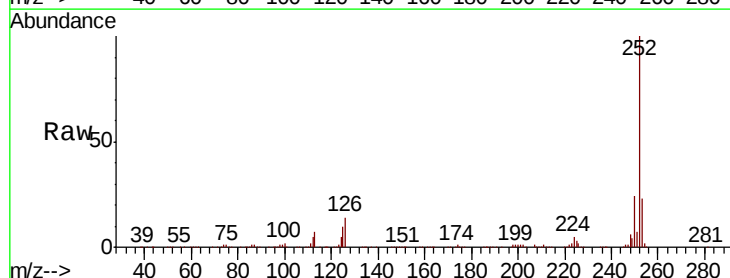


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

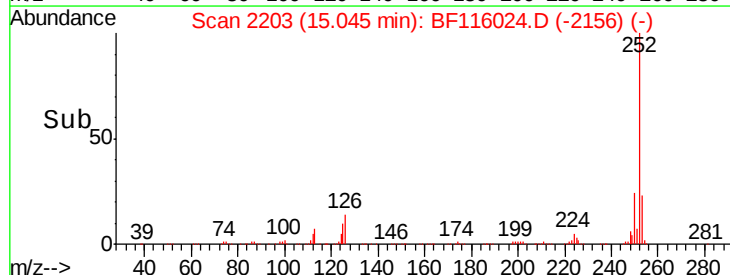
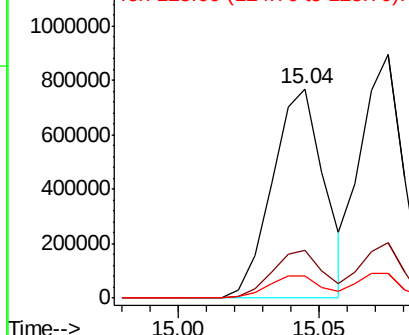


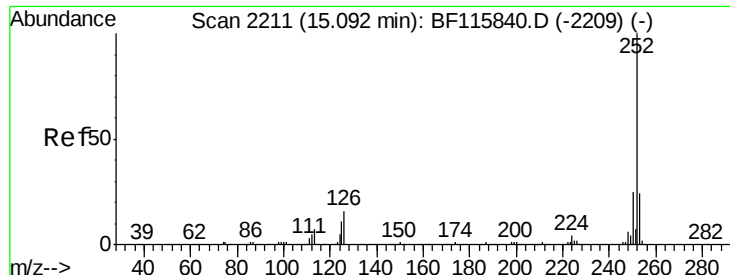
#88
Benzo(b)fluoranthene
Concen: 45.465 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:252 Resp: 983214
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.3 7.4 11.0



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

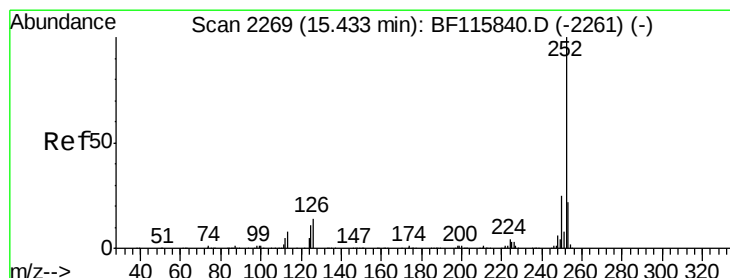
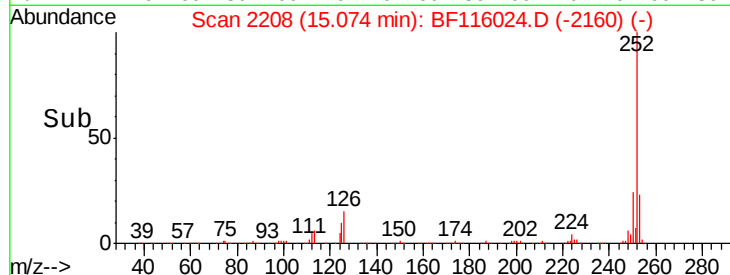
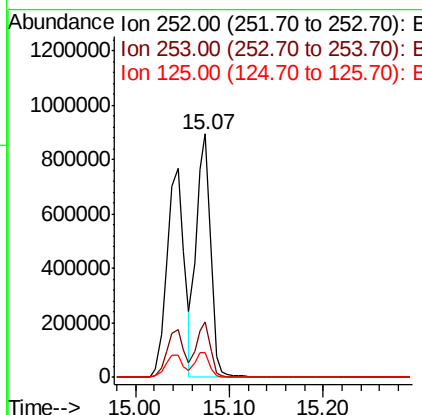
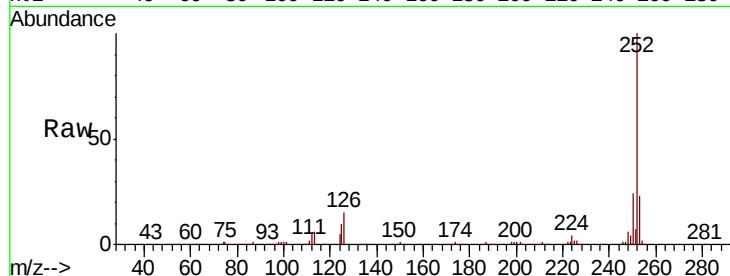




#89
Benzo(k)fluoranthene
Concen: 44.491 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

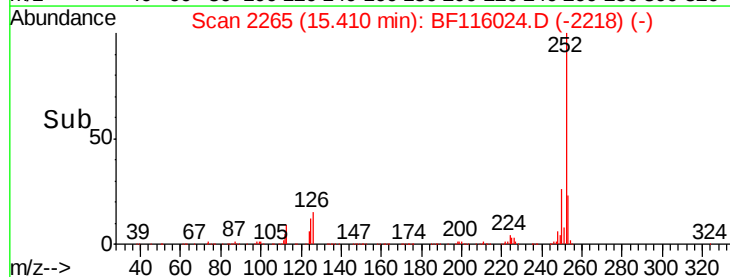
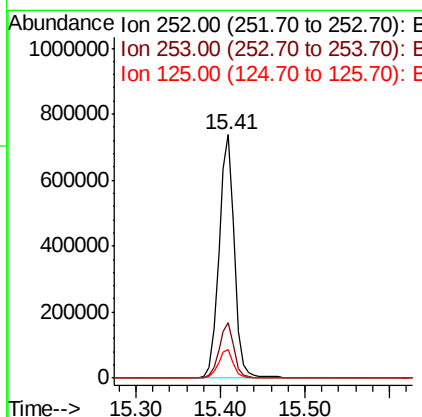
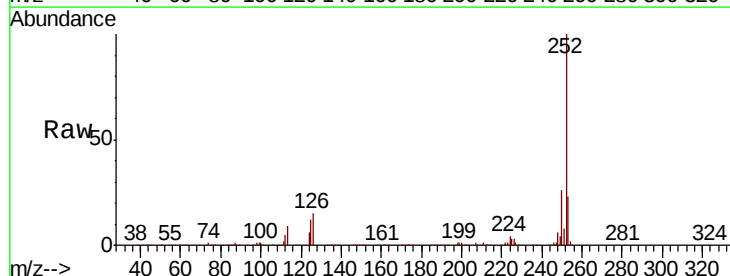
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 937154
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.3 8.9 13.3



#90
Benzo(a)pyrene
Concen: 48.745 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:252 Resp: 942326
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 56.779 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.03 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

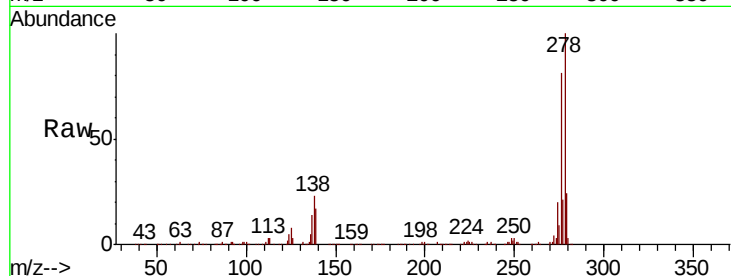
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 950137

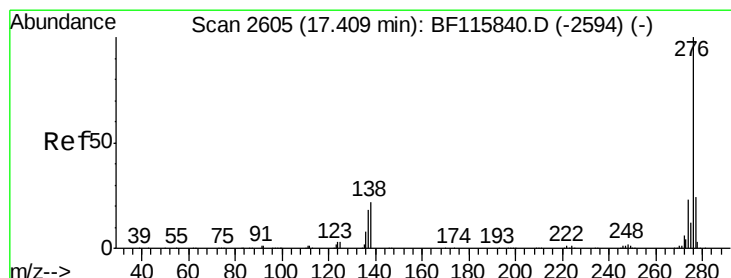
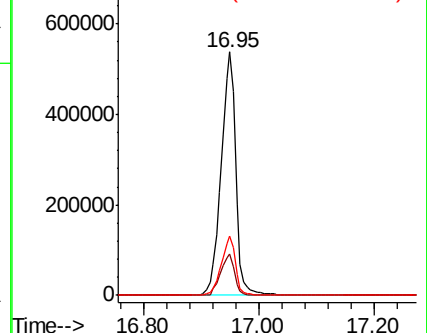
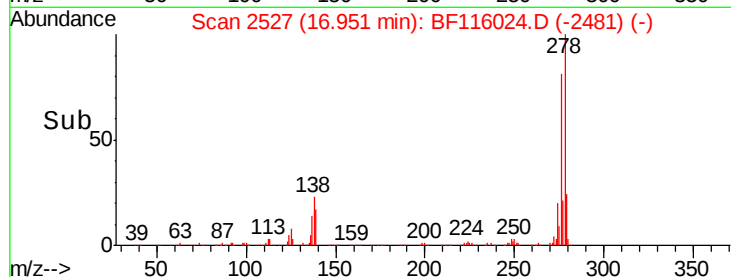
Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.5	18.8	28.2



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: 58.617 ng

RT: 17.39 min Scan# 2601

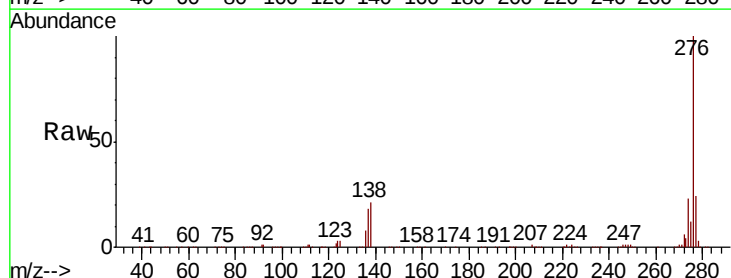
Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion:276 Resp: 963329

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	21.0	17.8	26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

