

Data File : BF115229.D
Acq On : 27 Jun 2019 12:01
Operator : HP/JU
Sample : PB120942BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Quant Time: Jun 28 04:49:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	273748	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	1070391	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	503897	20.00	ng	-0.02
64) Phenanthrene-d10	11.09	188	959836	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	750875	20.00	ng	-0.03
87) Perylene-d12	15.09	264	716758	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1210646	68.25	ng	0.00
7) Phenol-d6	6.24	99	1473977	68.46	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1248159	71.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	411755	77.49	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2338791	78.84	ng	-0.02
79) Terphenyl-d14	12.68	244	2445174	69.24	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	294389	35.163	ng	98
3) Pyridine	2.88	79	718608	30.454	ng	97
4) n-Nitrosodimethylamine	2.83	42	298821	32.303	ng	95
6) Aniline	6.25	93	584778	19.761	ng	# 4
8) 2-Chlorophenol	6.38	128	741484	37.173	ng	98
9) Benzaldehyde	6.14	77	5259	0.374	ng	93
10) Phenol	6.25	94	863714	34.246	ng	94
11) bis(2-Chloroethyl)ether	6.34	93	680107	36.582	ng	99
12) 1,3-Dichlorobenzene	6.54	146	799558	36.118	ng	99
13) 1,4-Dichlorobenzene	6.61	146	810709	36.520	ng	99
14) 1,2-Dichlorobenzene	6.77	146	759448	36.943	ng	99
15) Benzyl Alcohol	6.74	79	550573	35.117	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	963580	35.735	ng	98
17) 2-Methylphenol	6.87	107	617960	37.533	ng	99
18) Hexachloroethane	7.11	117	291299	36.399	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	469028	34.026	ng	99
20) 3+4-Methylphenols	7.02	107	705674	37.118	ng	# 79
22) Acetophenone	7.01	105	975978	39.828	ng	# 95
24) Nitrobenzene	7.18	77	742605	38.739	ng	99
25) Isophorone	7.42	82	1359708	38.145	ng	100
26) 2-Nitrophenol	7.50	139	416251	43.970	ng	99
27) 2,4-Dimethylphenol	7.55	122	676129	43.621	ng	100
28) bis(2-Chloroethoxy)methane	7.64	93	847124	37.601	ng	99
29) 2,4-Dichlorophenol	7.74	162	632315	39.530	ng	100
30) 1,2,4-Trichlorobenzene	7.82	180	705770	39.945	ng	99
31) Naphthalene	7.90	128	2115067	40.254	ng	100
32) Benzoic acid	7.68	122	521757	47.158	ng	99
33) 4-Chloroaniline	7.95	127	555576	23.136	ng	99
34) Hexachlorobutadiene	8.03	225	384678	39.729	ng	98
35) Caprolactam	8.32	113	115468	21.471	ng	97
36) 4-Chloro-3-methylphenol	8.44	107	628222	38.781	ng	97
37) 2-Methylnaphthalene	8.59	142	1436668	40.553	ng	100
38) 1-Methylnaphthalene	8.69	142	1348561	39.857	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	601749	42.260	ng	99

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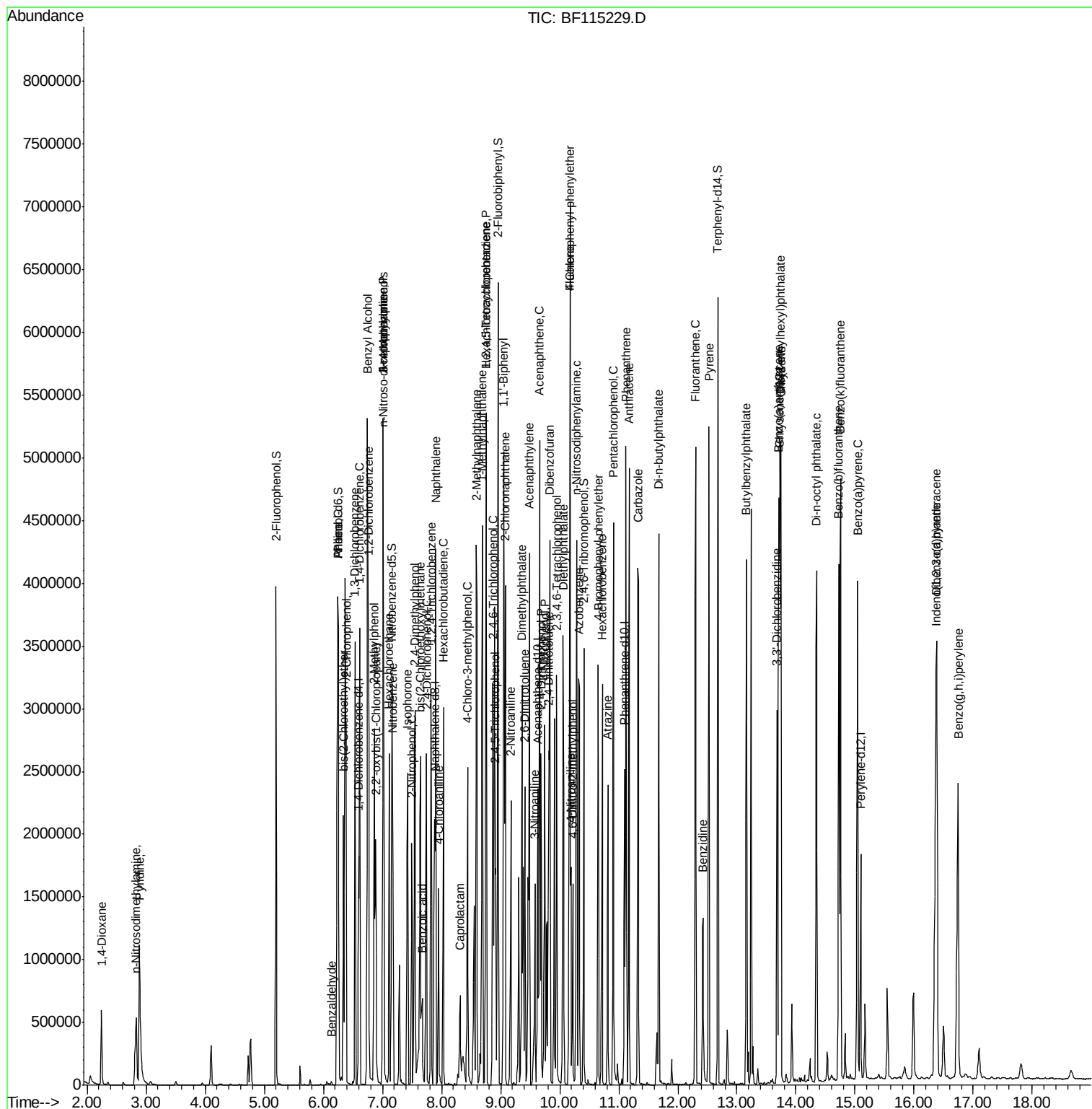
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	627907	74.367	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	471158	42.859	ng	98
44) 2,4,5-Trichlorophenol	8.91	196	458234	40.477	ng	98
46) 1,1'-Biphenyl	9.05	154	1658089	41.124	ng	99
47) 2-Chloronaphthalene	9.08	162	1312612	40.135	ng	99
48) 2-Nitroaniline	9.17	65	371413	38.953	ng	91
49) Acenaphthylene	9.49	152	2027157	39.783	ng	100
50) Dimethylphthalate	9.36	163	1480068	39.923	ng	100
51) 2,6-Dinitrotoluene	9.41	165	350991	41.009	ng	99
52) Acenaphthene	9.66	154	1259292	39.495	ng	100
53) 3-Nitroaniline	9.58	138	267385	25.600	ng	97
54) 2,4-Dinitrophenol	9.68	184	400192	89.869	ng	93
55) Dibenzofuran	9.83	168	1780405	38.904	ng	100
56) 4-Nitrophenol	9.75	139	633057	75.602	ng	96
57) 2,4-Dinitrotoluene	9.81	165	457457	41.394	ng	92
58) Fluorene	10.17	166	1258411	40.667	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	406435	42.815	ng	98
60) Diethylphthalate	10.06	149	1449346	38.892	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	615854	42.093	ng	97
62) 4-Nitroaniline	10.19	138	354136	33.798	ng	99
63) Azobenzene	10.32	77	1319145	37.898	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	234963	46.213	ng	91
66) n-Nitrosodiphenylamine	10.28	169	1208325	40.407	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	424777	40.818	ng	97
68) Hexachlorobenzene	10.72	284	460452	40.763	ng	98
69) Atrazine	10.82	200	324498	33.734	ng	100
70) Pentachlorophenol	10.91	266	571977	79.483	ng	98
71) Phenanthrene	11.12	178	1980728	38.328	ng	100
72) Anthracene	11.17	178	2026904	38.855	ng	99
73) Carbazole	11.33	167	1816594	38.997	ng	99
74) Di-n-butylphthalate	11.68	149	2123069	39.441	ng	99
75) Fluoranthene	12.30	202	2017575	39.129	ng	99
77) Benzidine	12.42	184	475713	14.268	ng	99
78) Pyrene	12.52	202	2051462	35.551	ng	98
80) Butylbenzylphthalate	13.16	149	949169	37.272	ng	98
81) Benzo(a)anthracene	13.71	228	1874376	34.789	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	616215	31.672	ng	99
83) Chrysene	13.75	228	1776030	35.986	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1233641	36.970	ng	99
85) Di-n-octyl phthalate	14.35	149	2125122	37.905	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2246913	38.475	ng	99
88) Benzo(b)fluoranthene	14.72	252	1966962	43.980	ng	99
89) Benzo(k)fluoranthene	14.75	252	1825898	45.525	ng	98
90) Benzo(a)pyrene	15.04	252	1872219	46.445	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1851846	49.209	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1931955	50.724	ng	99

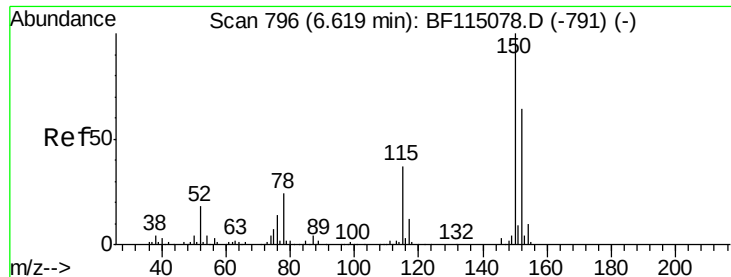
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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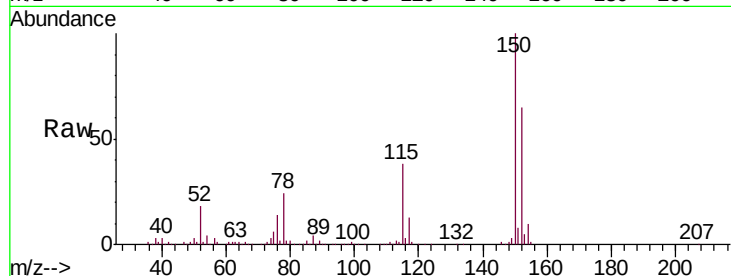


#1

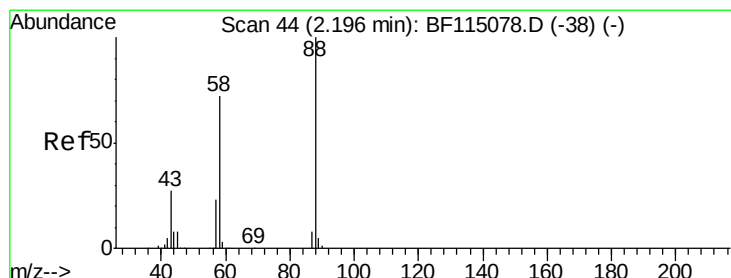
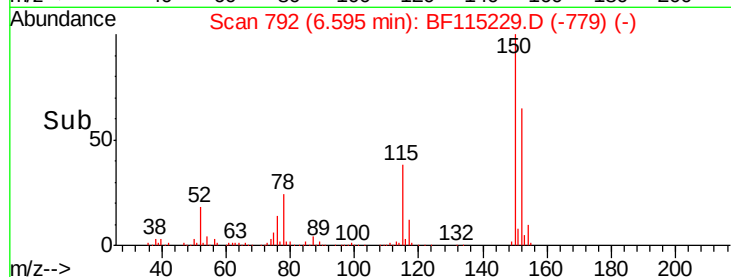
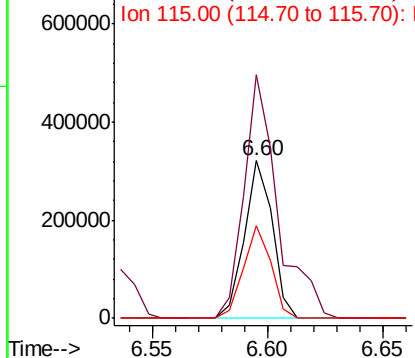
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:152 Resp: 273748
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 59.0 46.1 69.1



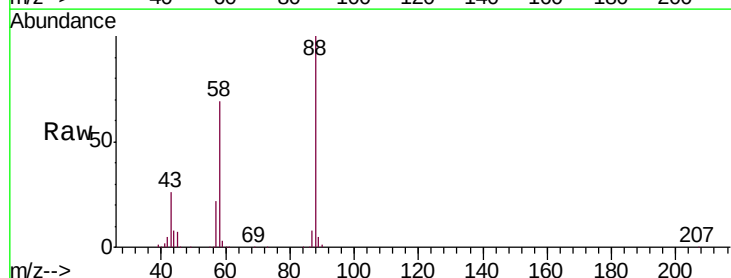
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



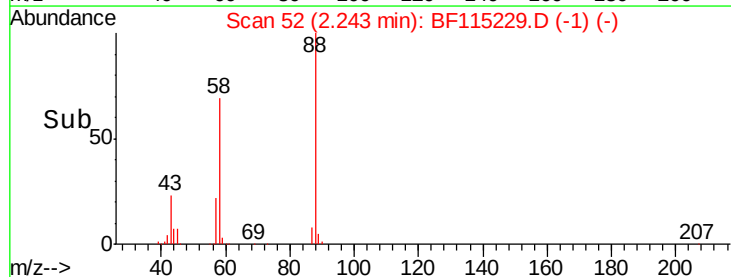
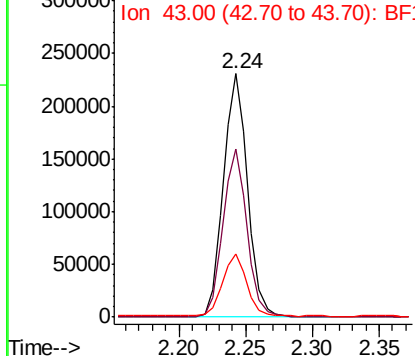
#2

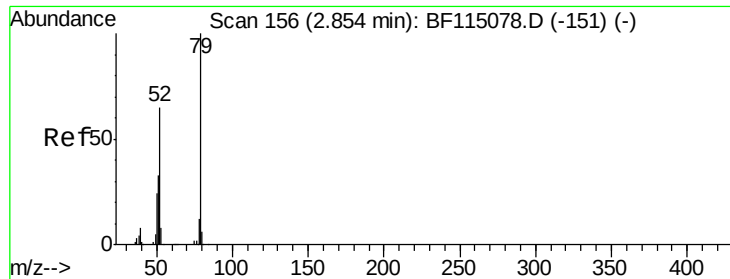
1,4-Dioxane
Concen: 35.163 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.05 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion: 88 Resp: 294389
Ion Ratio Lower Upper
88 100
58 69.0 56.1 84.1
43 25.4 21.3 31.9



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

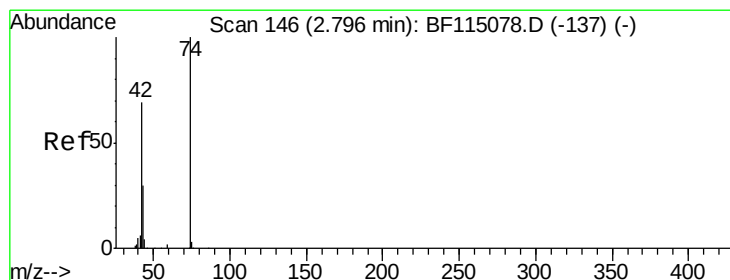
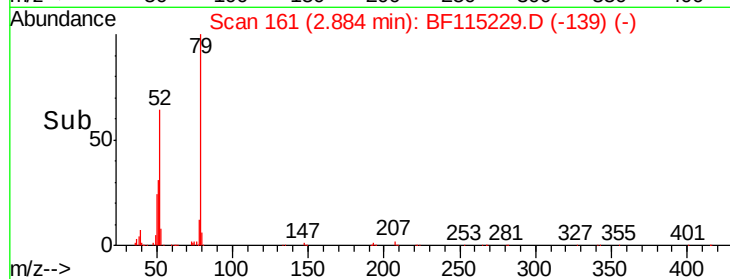
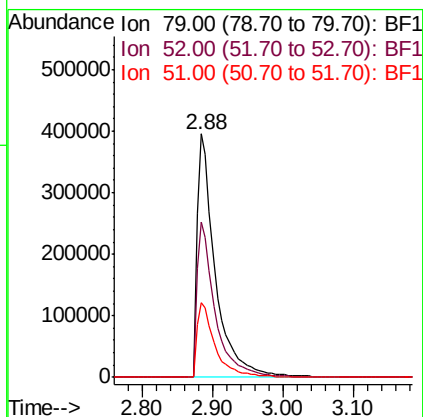
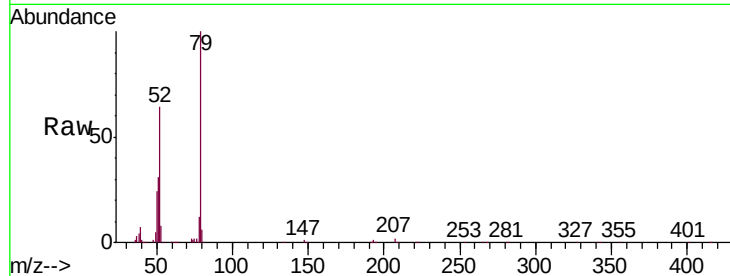




#3
 Pyridine
 Concen: 30.454 ng
 RT: 2.88 min Scan# 161
 Delta R.T. 0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

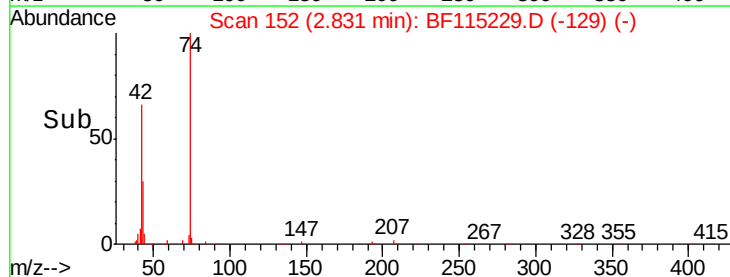
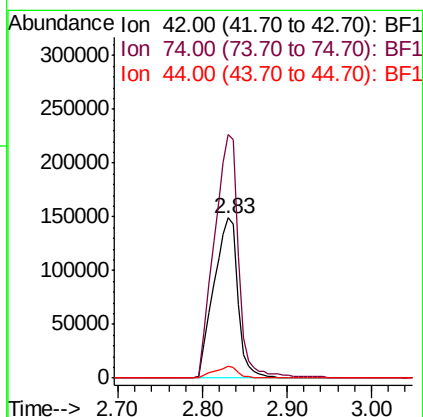
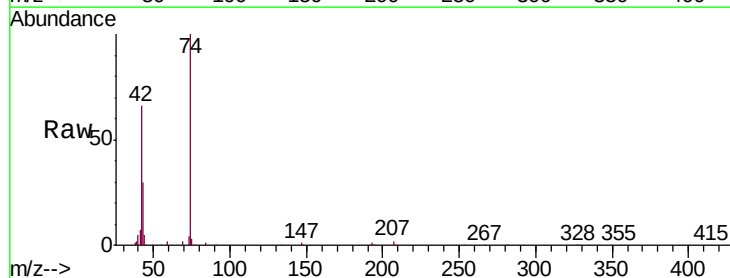
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

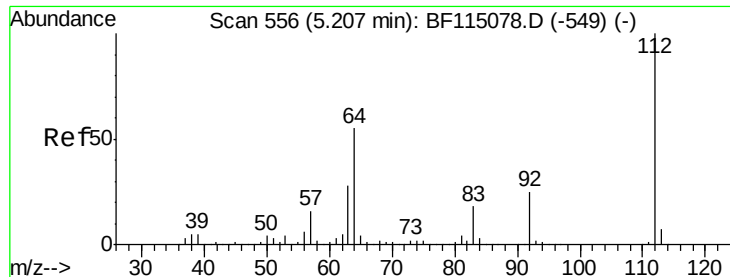
Tgt Ion: 79 Resp: 718608
 Ion Ratio Lower Upper
 79 100
 52 63.6 52.3 78.5
 51 30.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 32.303 ng
 RT: 2.83 min Scan# 152
 Delta R.T. 0.04 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion: 42 Resp: 298821
 Ion Ratio Lower Upper
 42 100
 74 152.4 116.6 175.0
 44 7.2 5.3 7.9





#5

2-Fluorophenol

Concen: 68.246 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

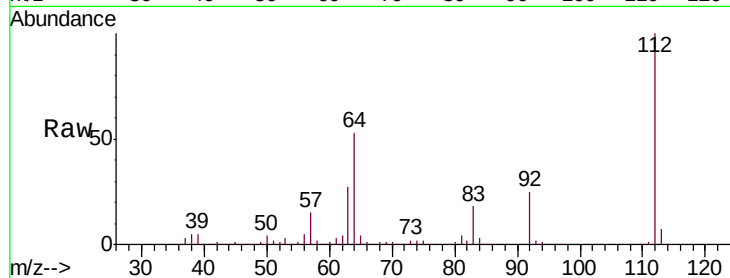
Tgt Ion: 112 Resp: 1210646

Ion Ratio Lower Upper

112 100

64 52.8 43.8 65.6

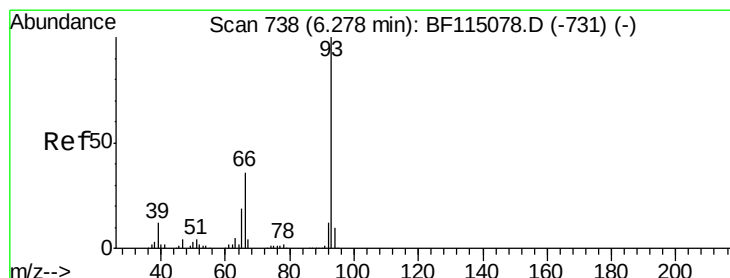
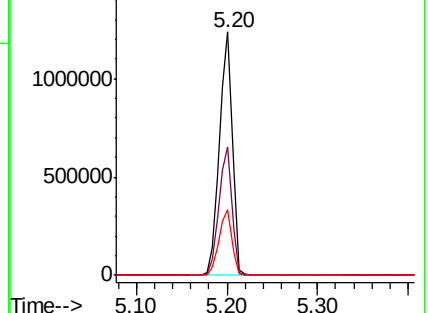
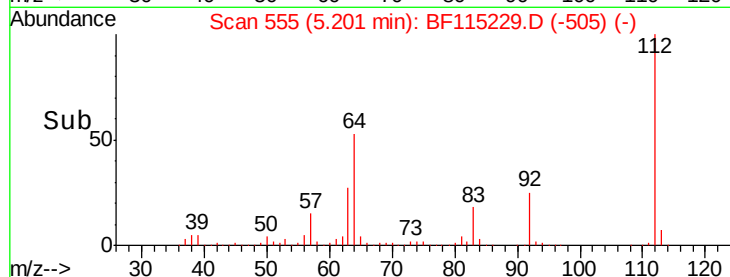
63 27.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.761 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

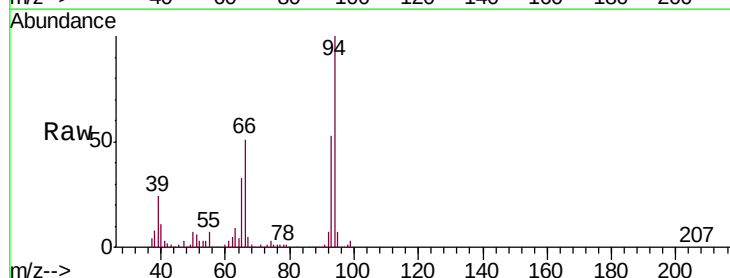
Tgt Ion: 93 Resp: 584778

Ion Ratio Lower Upper

93 100

66 95.3 30.0 45.0#

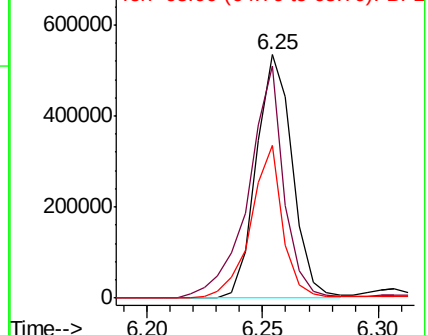
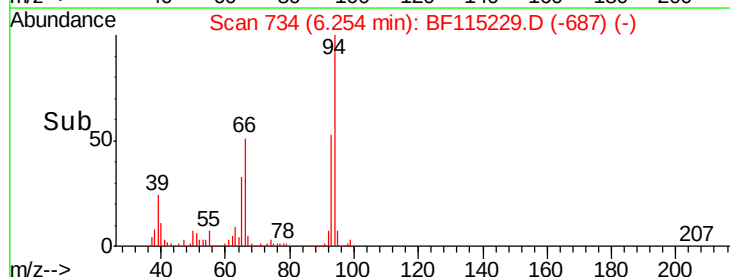
65 62.6 15.6 23.4#

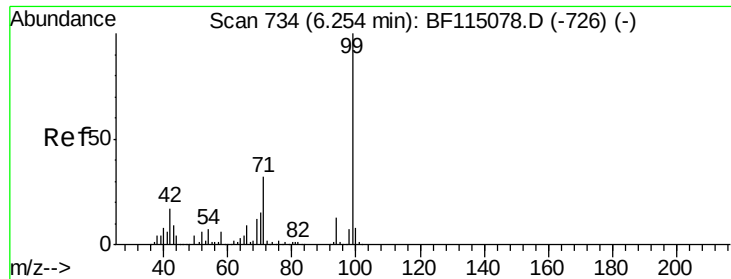


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.458 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

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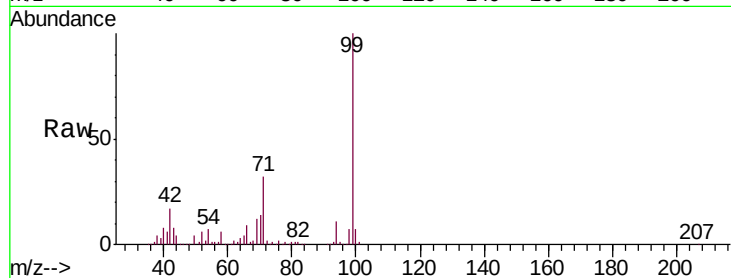
Tgt Ion: 99 Resp: 1473977

Ion Ratio Lower Upper

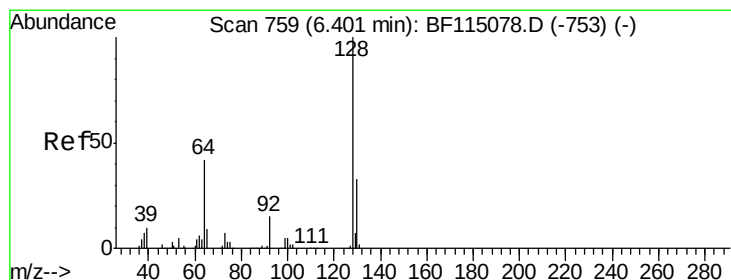
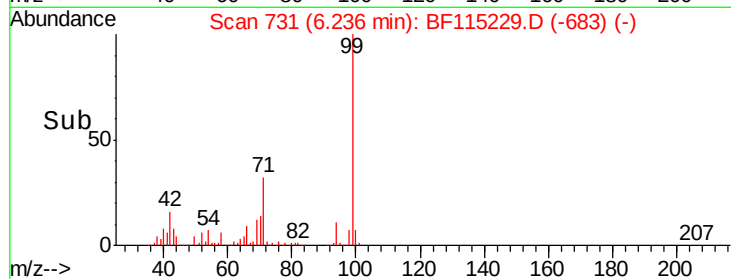
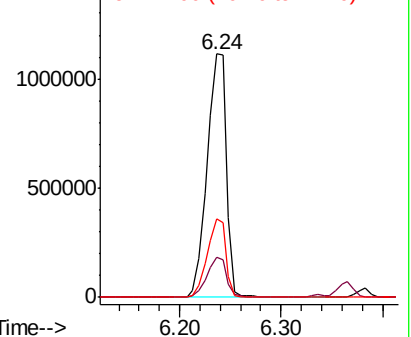
99 100

42 16.5 13.6 20.4

71 32.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.173 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

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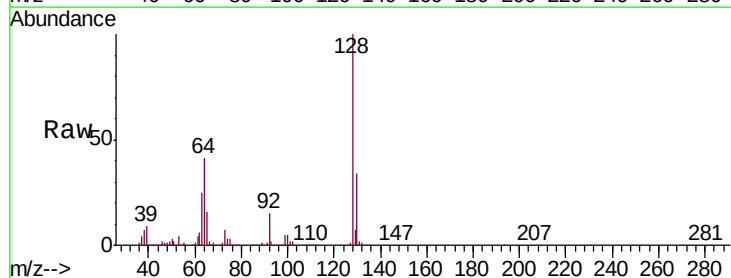
Tgt Ion: 128 Resp: 741484

Ion Ratio Lower Upper

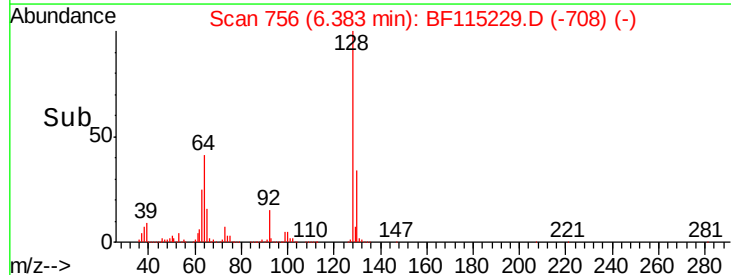
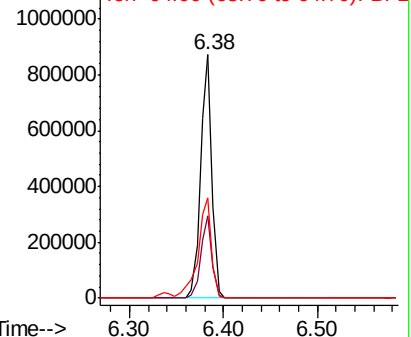
128 100

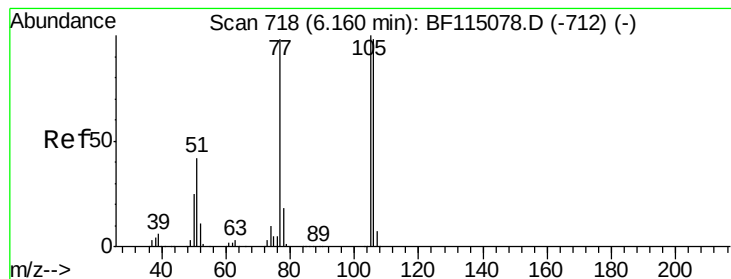
130 33.6 12.9 52.9

64 41.2 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.374 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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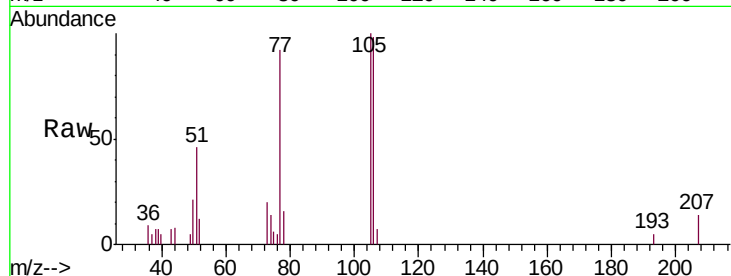
Tgt Ion: 77 Resp: 5259

Ion Ratio Lower Upper

77 100

105 108.8 81.5 121.5

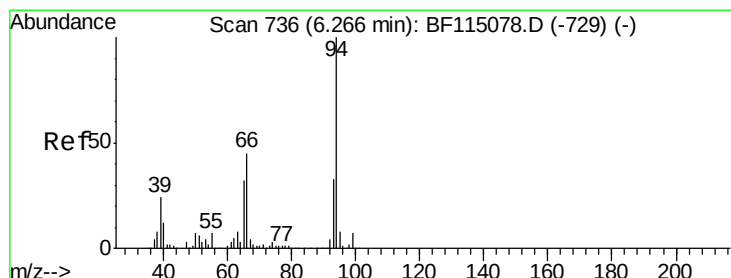
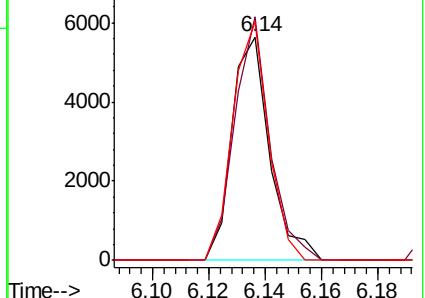
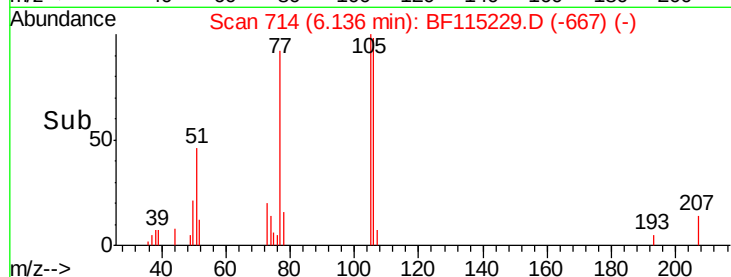
106 106.5 79.7 119.7



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: 34.246 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

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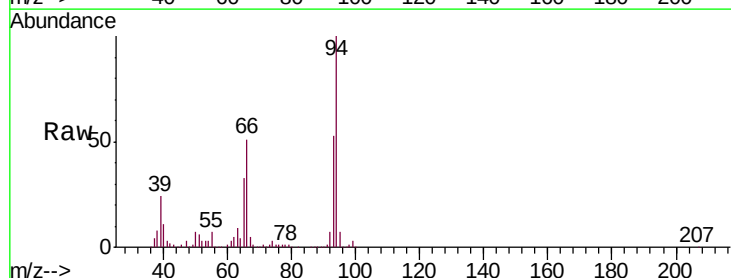
Tgt Ion: 94 Resp: 863714

Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

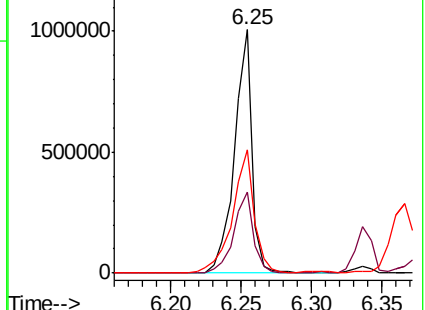
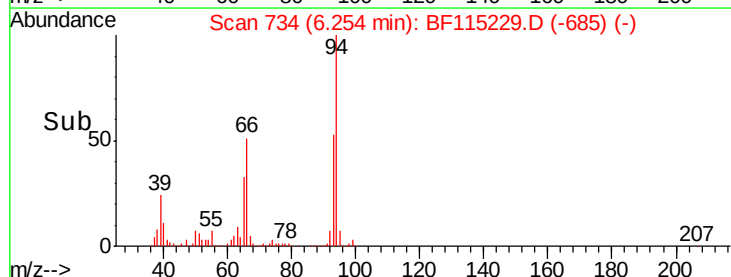
66 50.6 25.2 65.2

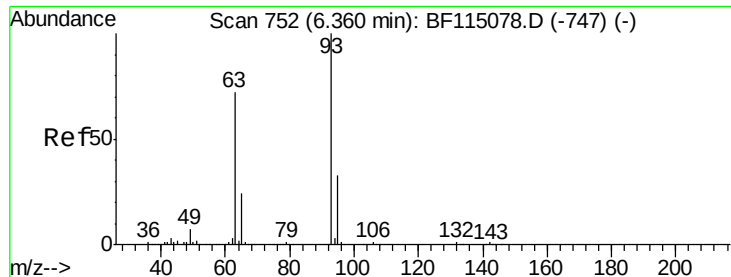


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

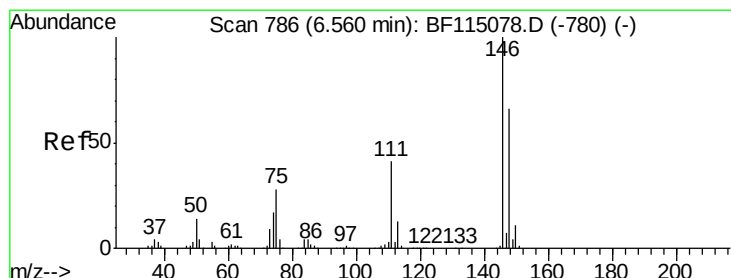
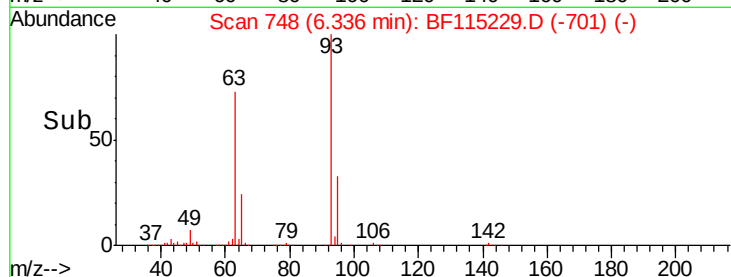
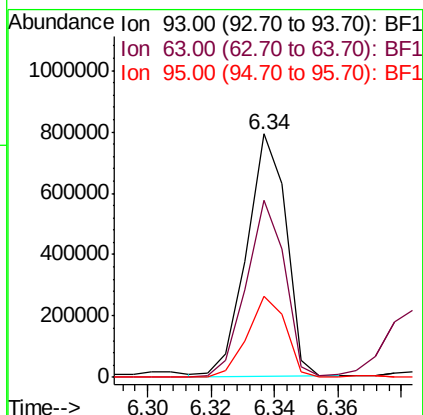
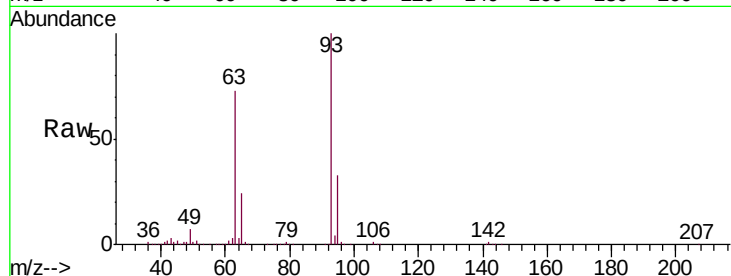




#11
 bis(2-Chloroethyl)ether
 Concen: 36.582 ng
 RT: 6.34 min Scan# 748
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

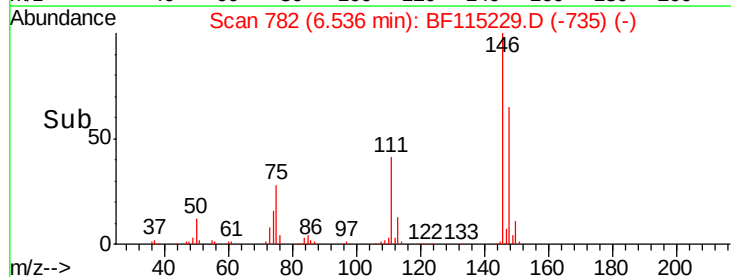
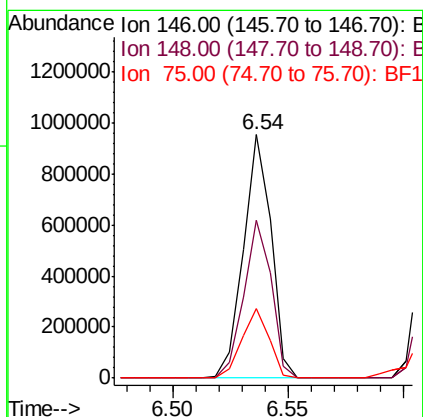
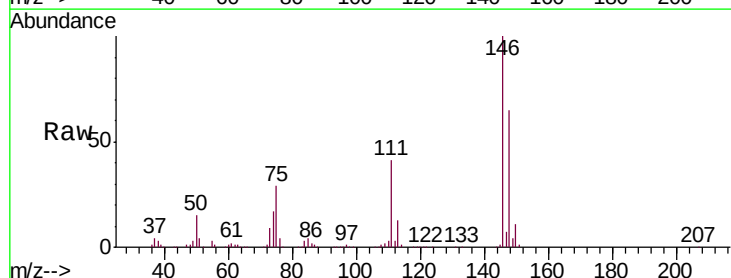
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

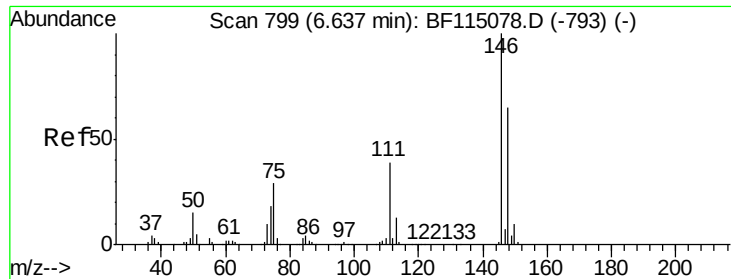
Tgt Ion: 93 Resp: 680107
 Ion Ratio Lower Upper
 93 100
 63 72.9 51.5 91.5
 95 33.2 13.4 53.4



#12
 1,3-Dichlorobenzene
 Concen: 36.118 ng
 RT: 6.54 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion: 146 Resp: 799558
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 78.8
 75 28.7 22.6 34.0

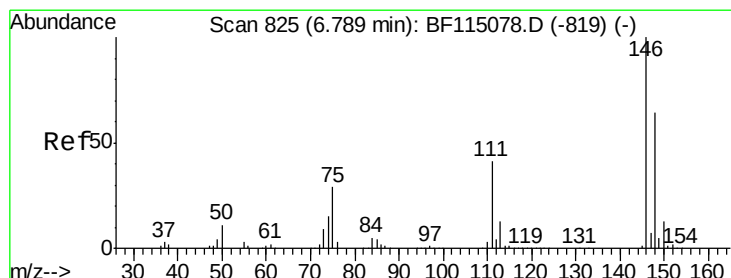
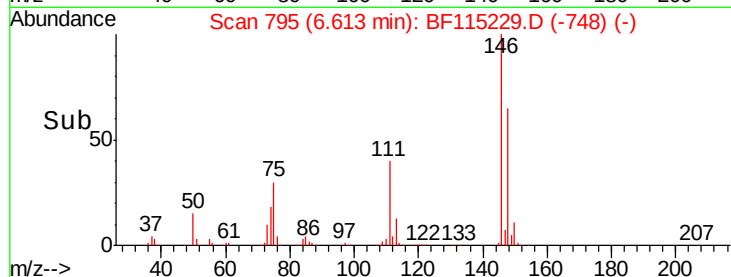
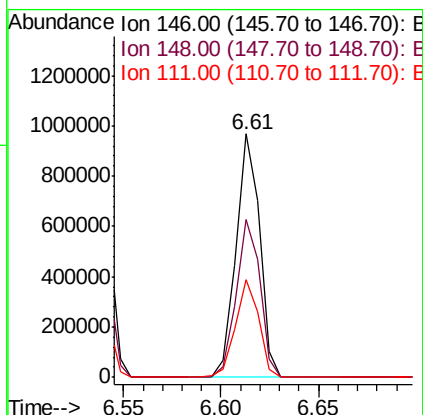
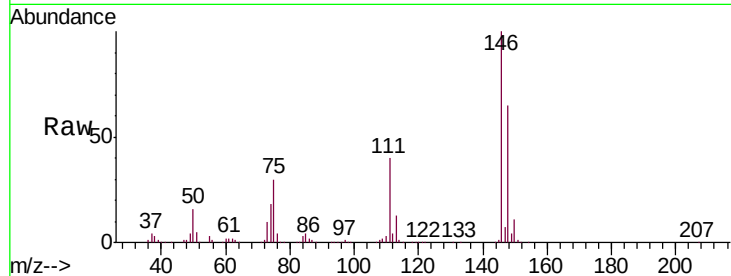




#13
 1,4-Dichlorobenzene
 Concen: 36.520 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

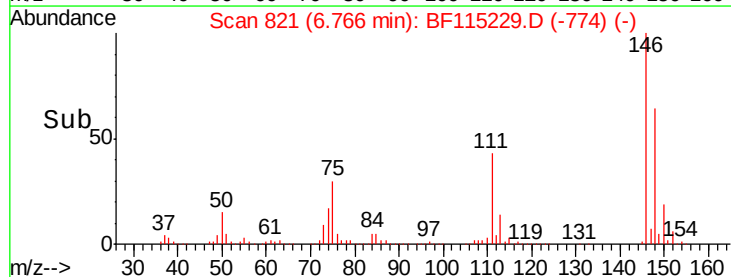
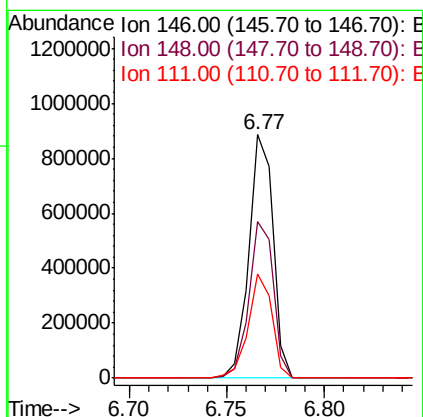
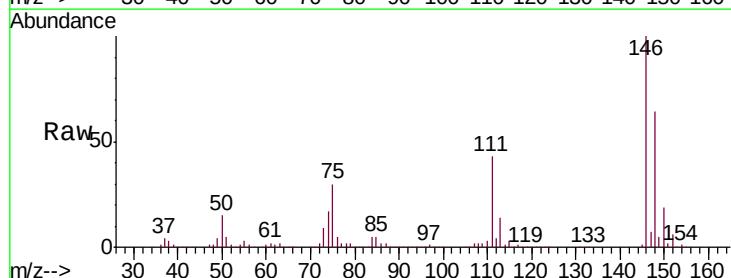
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

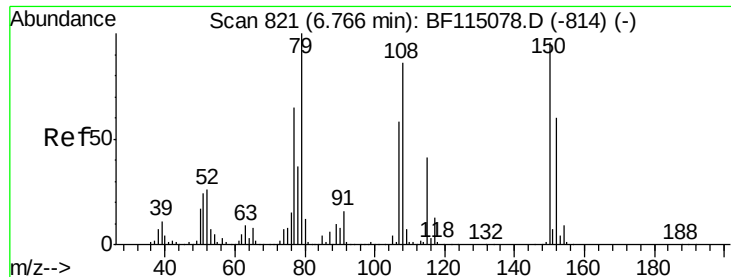
Tgt Ion:146 Resp: 810709
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 40.1 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 36.943 ng
 RT: 6.77 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:146 Resp: 759448
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 42.6 33.2 49.8





#15

Benzyl Alcohol

Concen: 35.117 ng

RT: 6.74 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

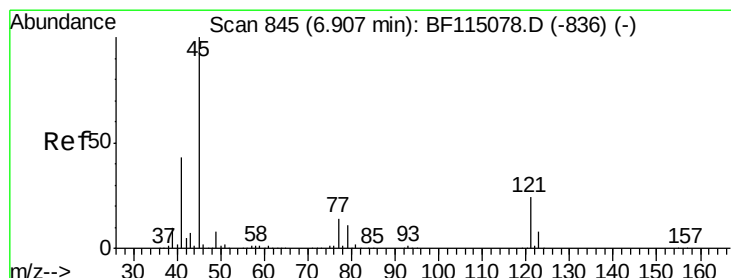
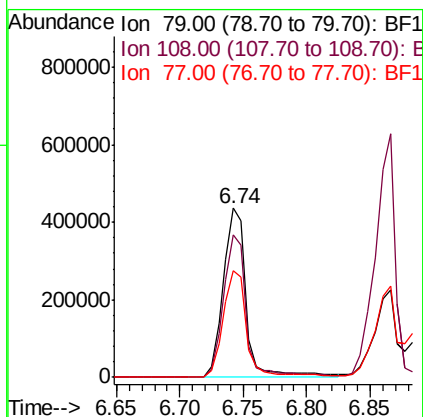
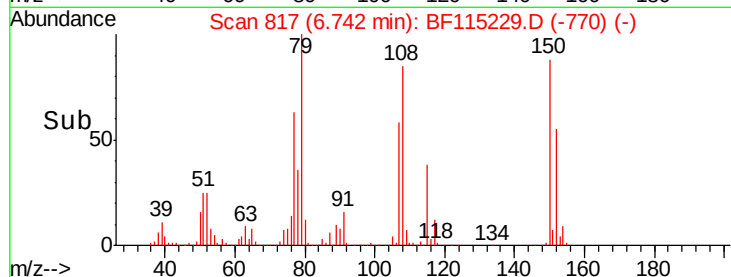
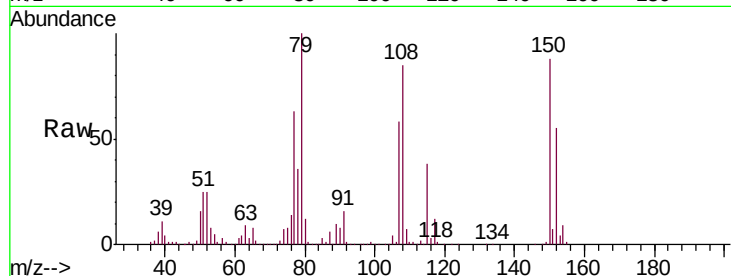
Tgt Ion: 79 Resp: 550573

Ion Ratio Lower Upper

79 100

108 84.7 68.7 103.1

77 63.2 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.735 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

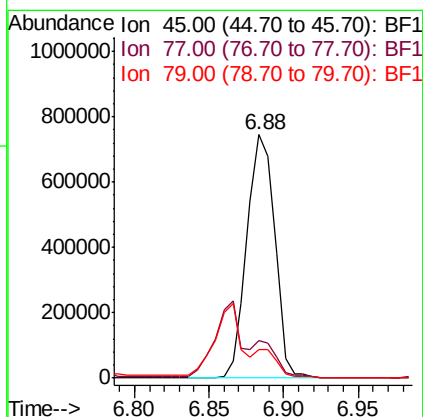
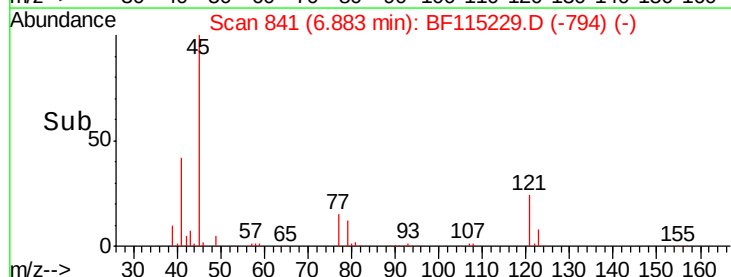
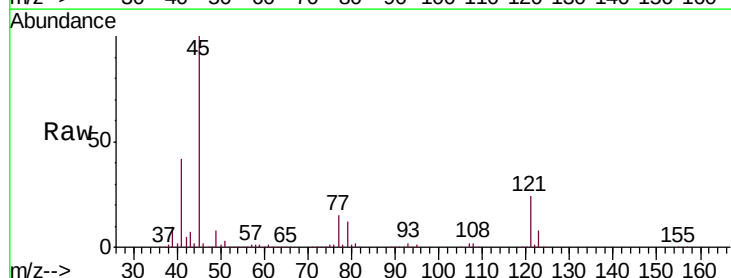
Tgt Ion: 45 Resp: 963580

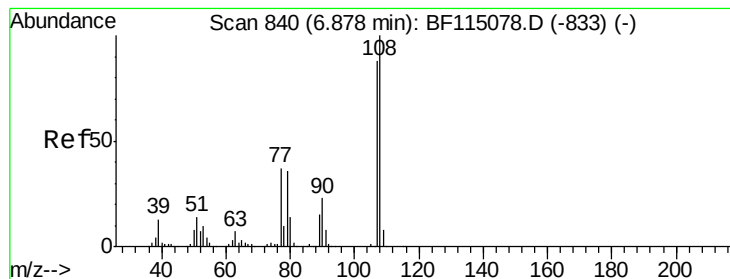
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.6

79 12.0 0.0 31.2





#17

2-Methylphenol

Concen: 37.533 ng

RT: 6.87 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tgt Ion:107 Resp: 617960

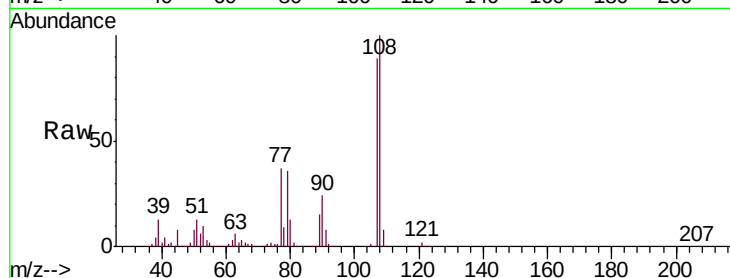
Ion Ratio Lower Upper

107 100

108 113.0 90.9 136.3

77 42.2 33.4 50.2

79 40.8 32.3 48.5

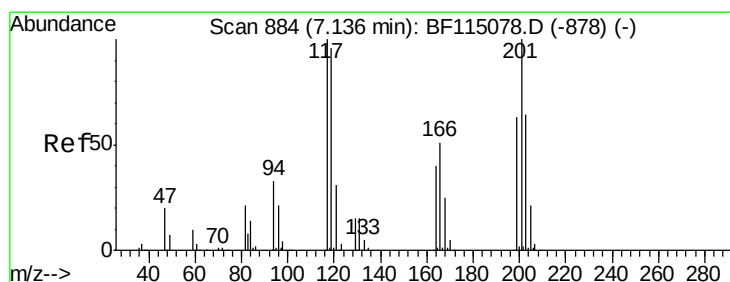
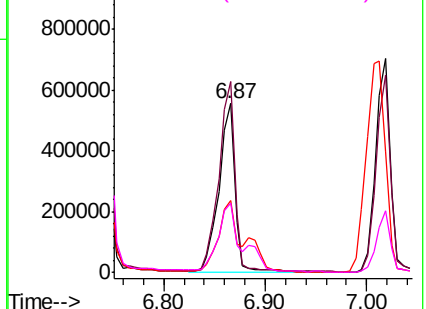
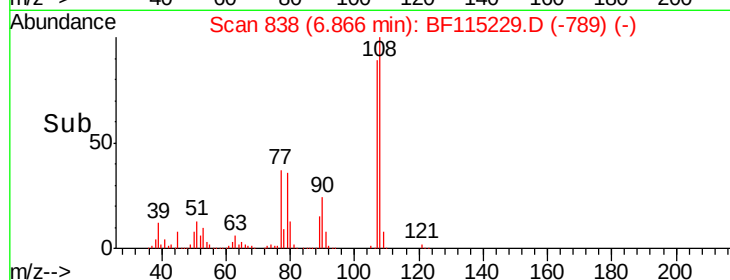


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.399 ng

RT: 7.11 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

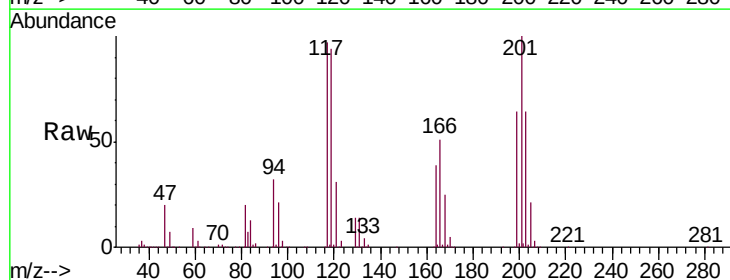
Tgt Ion:117 Resp: 291299

Ion Ratio Lower Upper

117 100

119 97.3 76.6 114.8

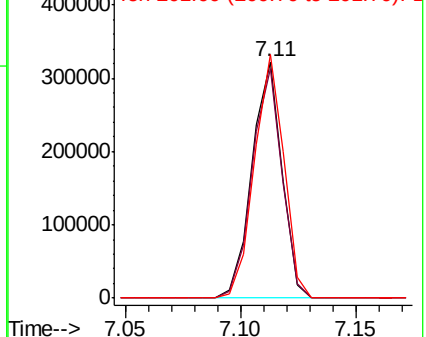
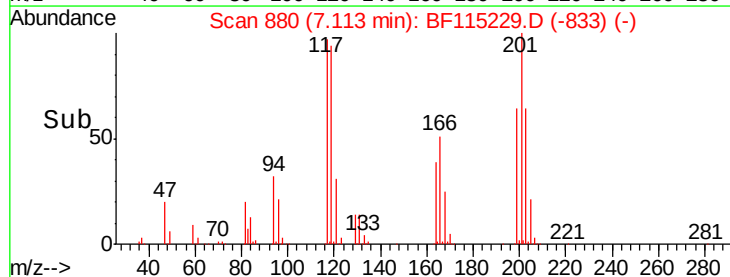
201 103.1 80.2 120.2

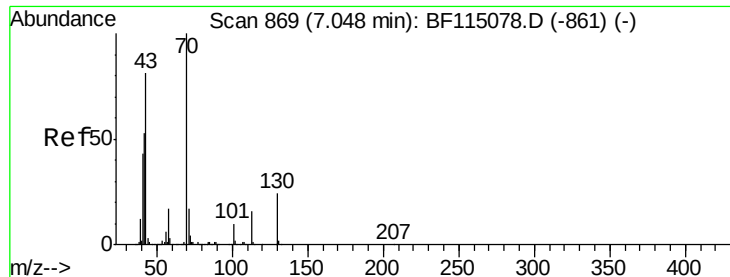


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

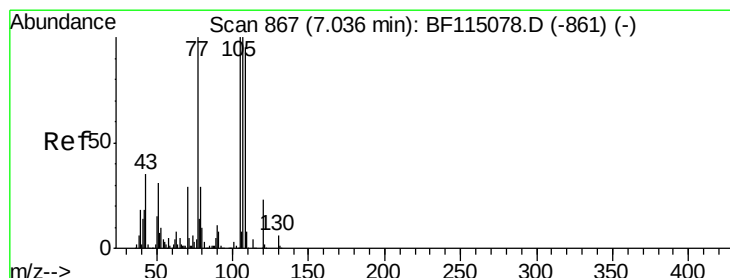
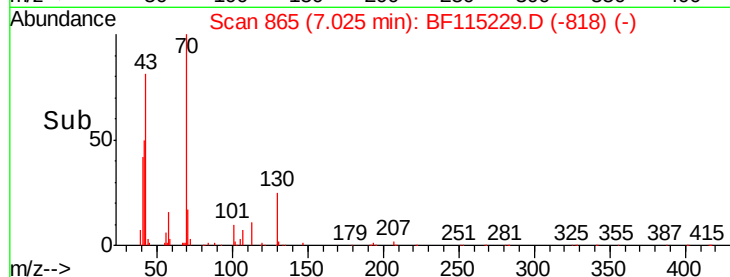
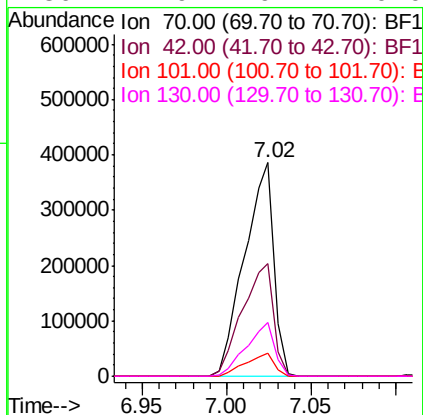
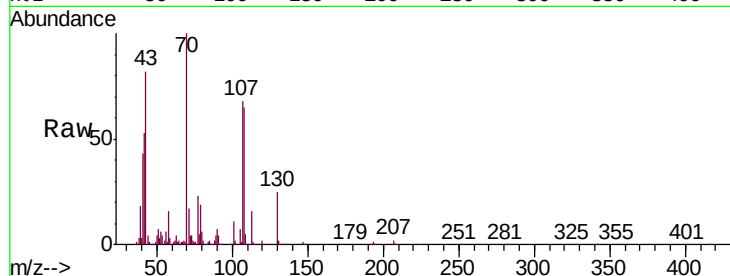




#19
n-Nitroso-di-n-propylamine
Concen: 34.026 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

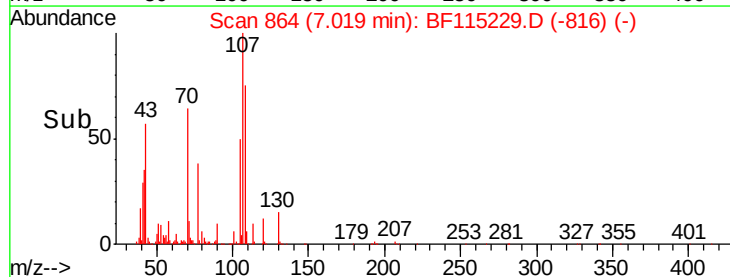
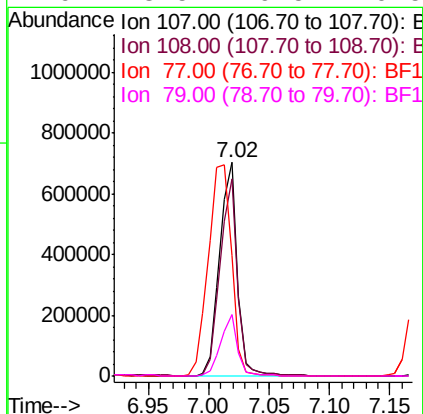
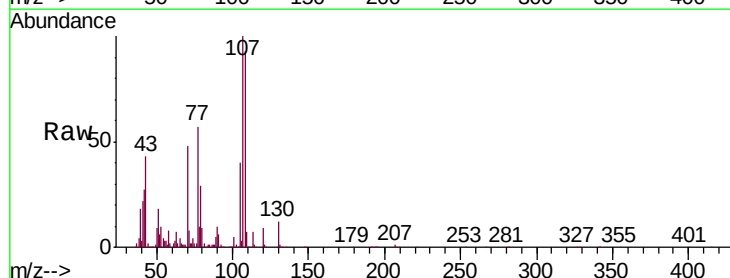
Instrument :
BNA_F
ClientSampleId :
PB120942BSD

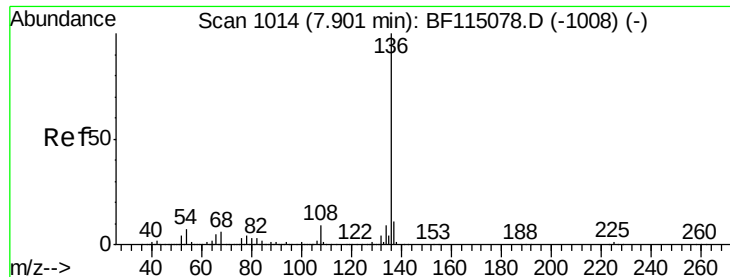
Tgt Ion:	70	Resp:	469028
Ion	Ratio	Lower	Upper
70	100		
42	53.0	42.6	63.8
101	10.9	8.0	12.0
130	24.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 37.118 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:	107	Resp:	705674
Ion	Ratio	Lower	Upper
107	100		
108	92.5	75.5	115.5
77	56.5	80.2	120.2#
79	28.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tgt Ion:136 Resp: 1070391

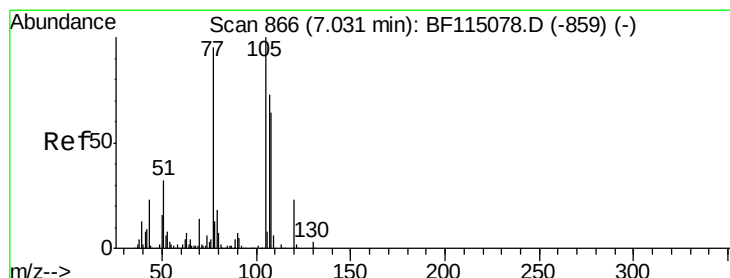
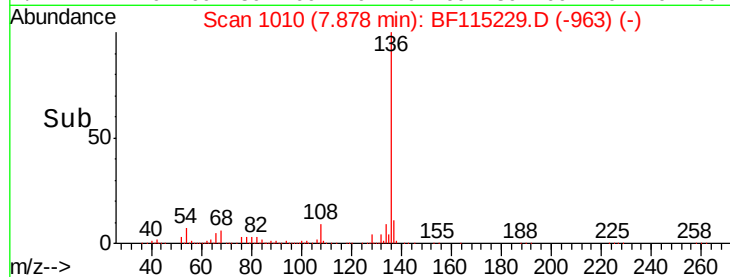
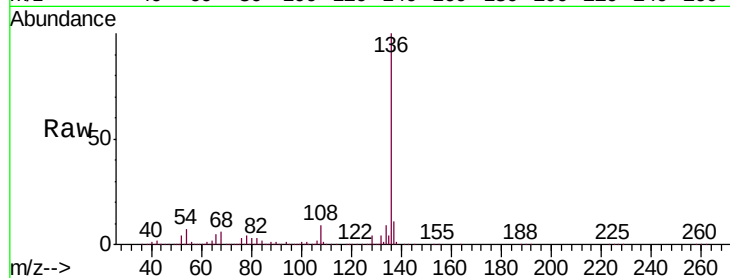
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.1	5.6	8.4
68	6.1	4.8	7.2

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: 39.828 ng

RT: 7.01 min Scan# 862

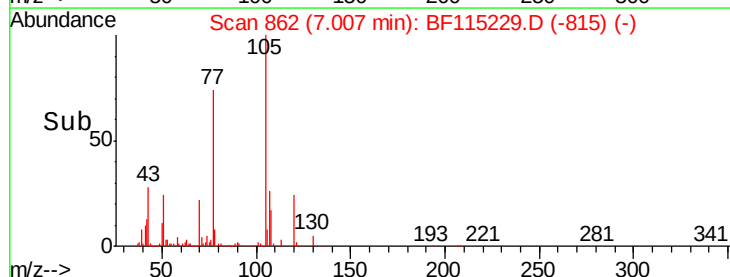
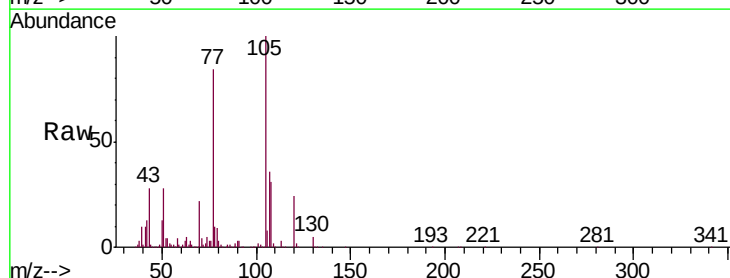
Delta R.T. -0.02 min

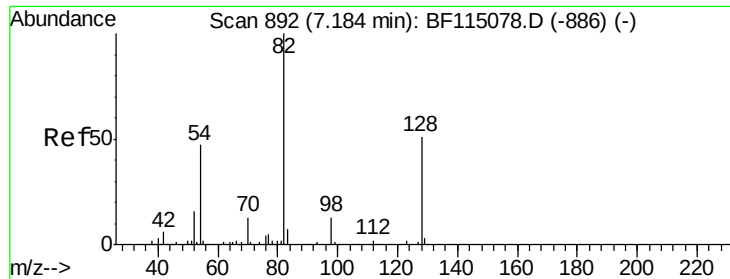
Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:105 Resp: 975978

Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	27.6	25.8	38.8
120	23.7	18.5	27.7

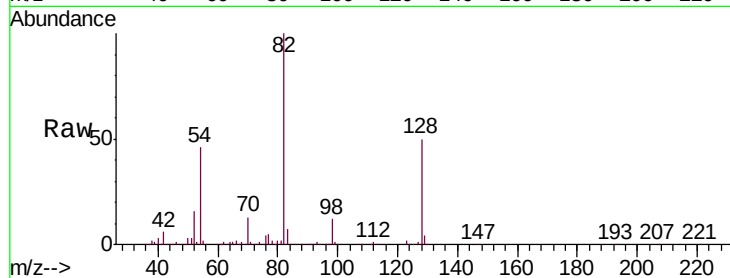




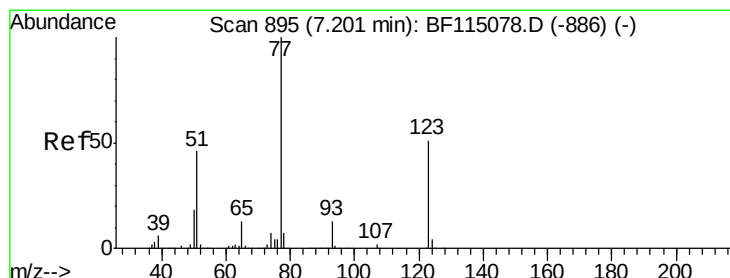
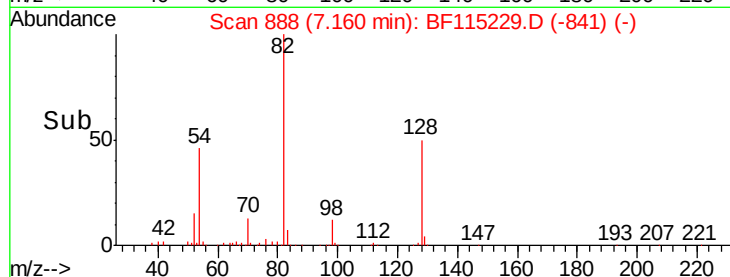
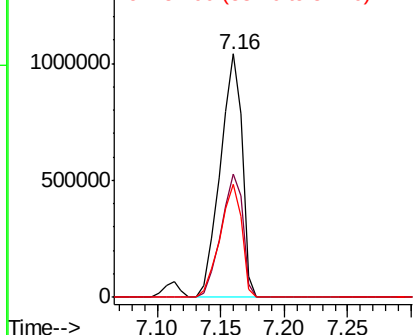
#23
 Nitrobenzene-d5
 Concen: 71.732 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion: 82 Resp: 1248159
 Ion Ratio Lower Upper
 82 100
 128 50.4 40.4 60.6
 54 46.3 37.5 56.3

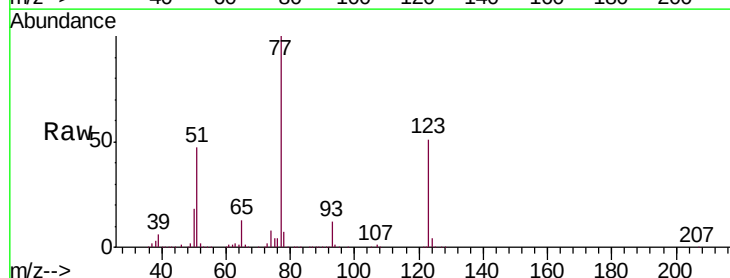


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

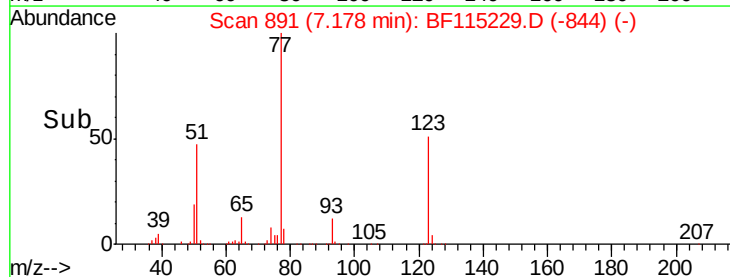
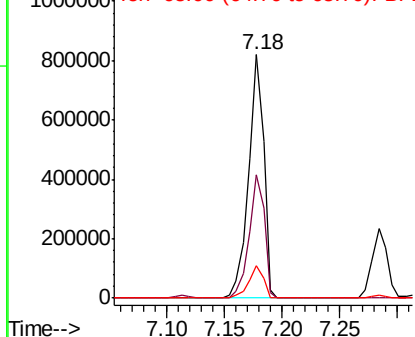


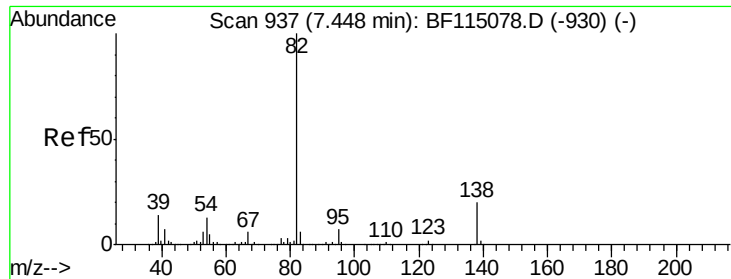
#24
 Nitrobenzene
 Concen: 38.739 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion: 77 Resp: 742605
 Ion Ratio Lower Upper
 77 100
 123 50.8 41.0 61.6
 65 13.2 10.5 15.7



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: 38.145 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

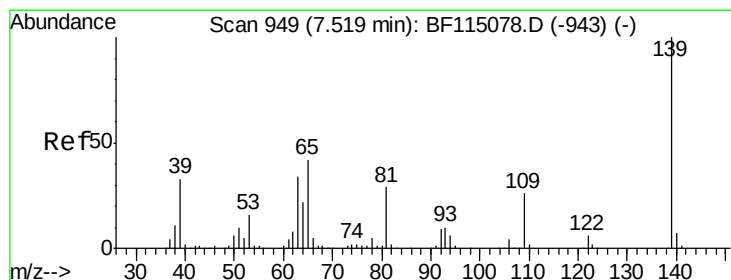
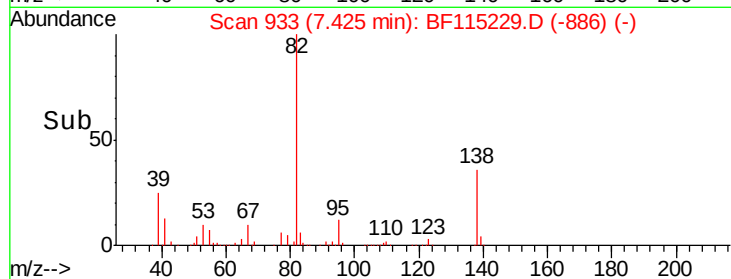
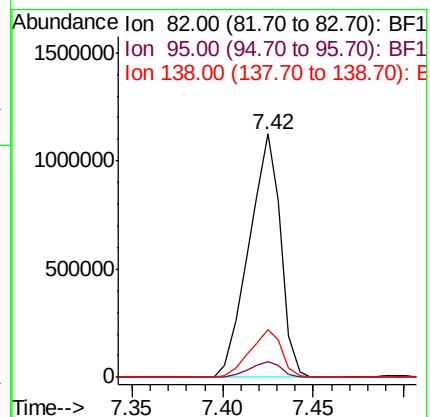
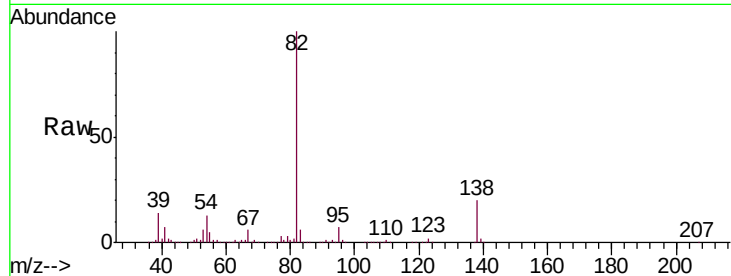
Tgt Ion: 82 Resp: 1359708

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.8 15.9 23.9



#26

2-Nitrophenol

Concen: 43.970 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

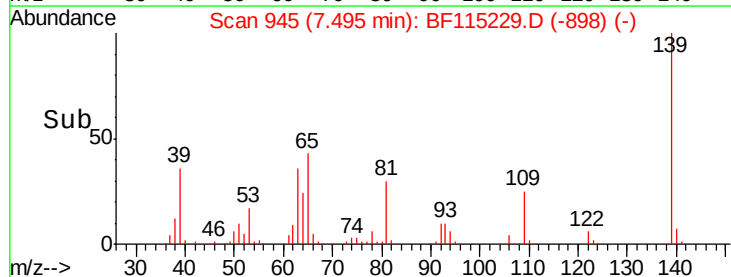
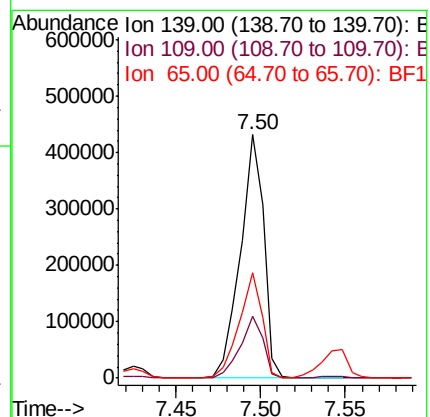
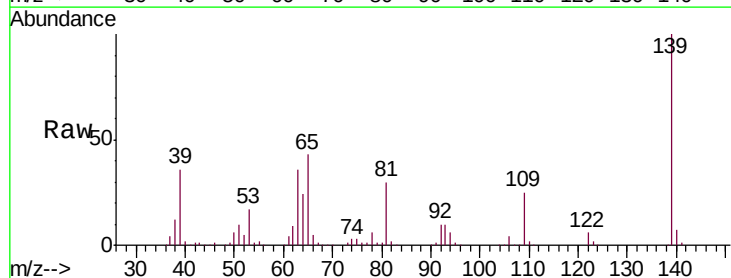
Tgt Ion: 139 Resp: 416251

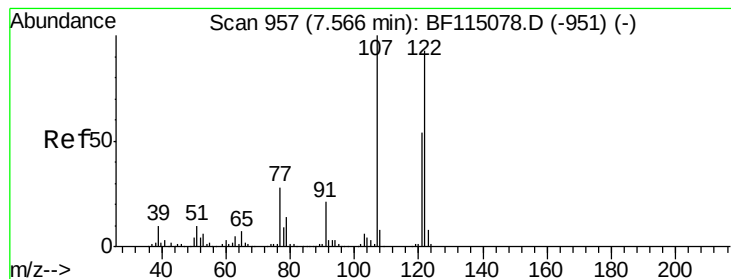
Ion Ratio Lower Upper

139 100

109 25.3 20.4 30.6

65 43.4 33.6 50.4

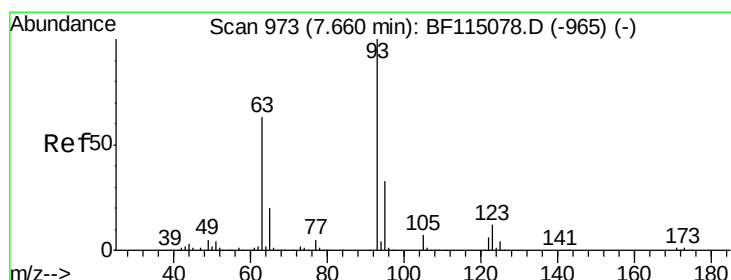
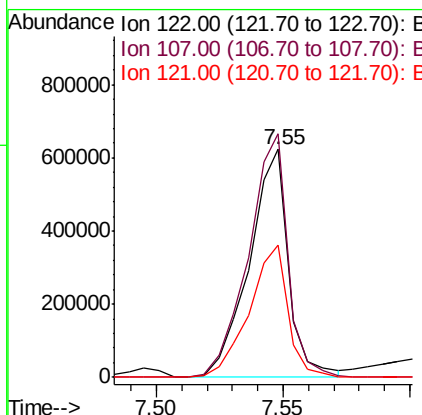
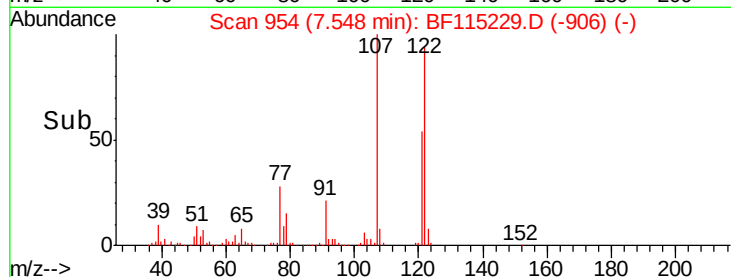
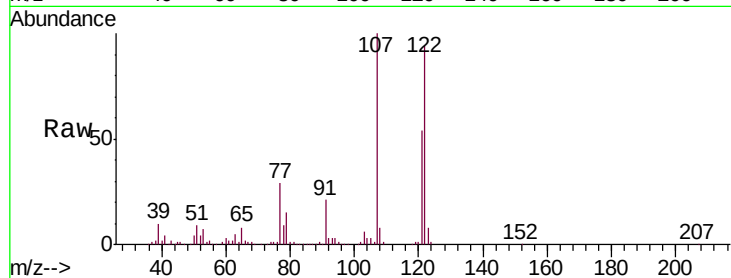




#27
 2,4-Dimethylphenol
 Concen: 43.621 ng
 RT: 7.55 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

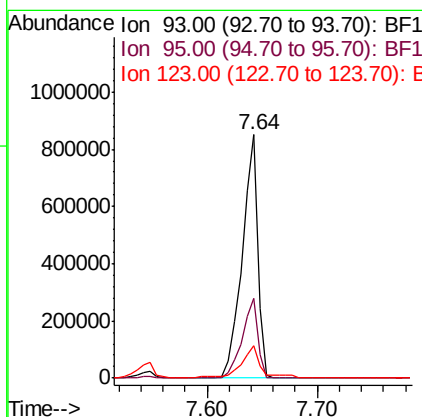
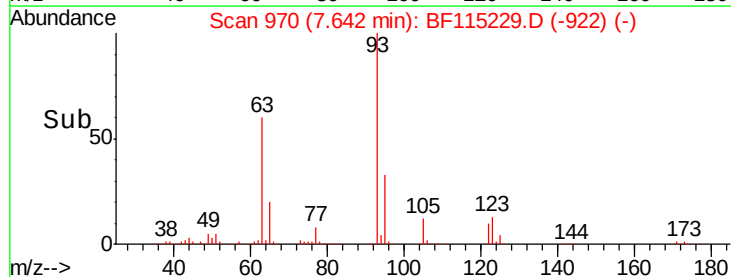
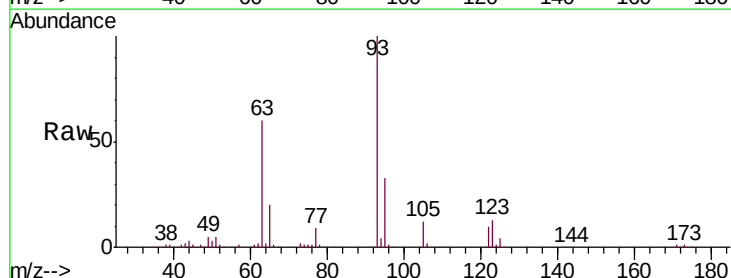
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

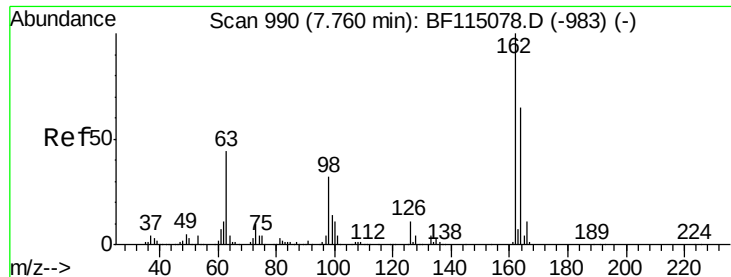
Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.7	85.8	128.6
121	57.9	46.3	69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.601 ng
 RT: 7.64 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	13.4	9.7	14.5

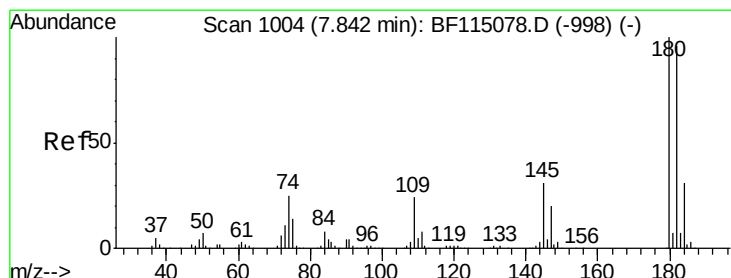
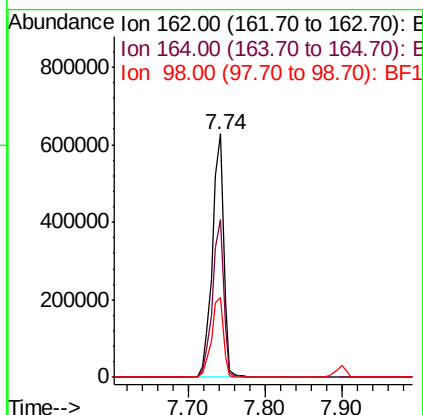
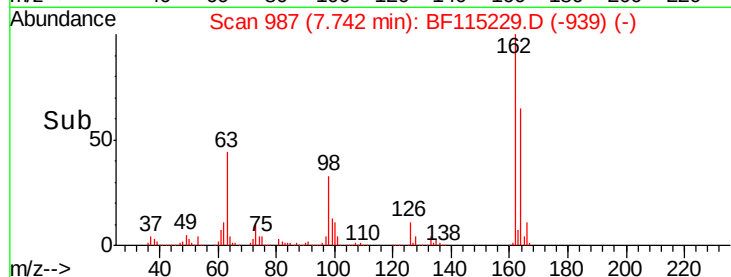
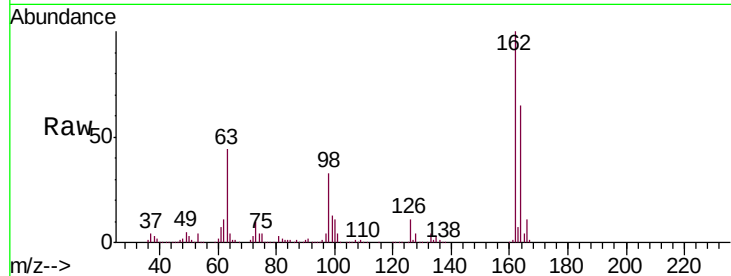




#29
2,4-Dichlorophenol
Concen: 39.530 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

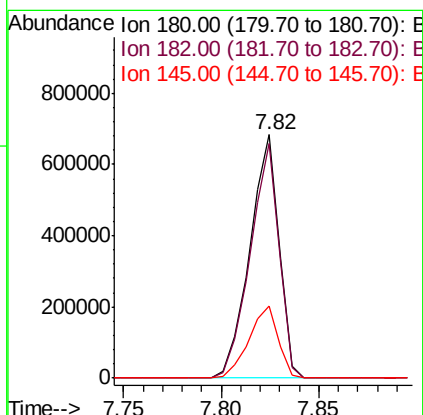
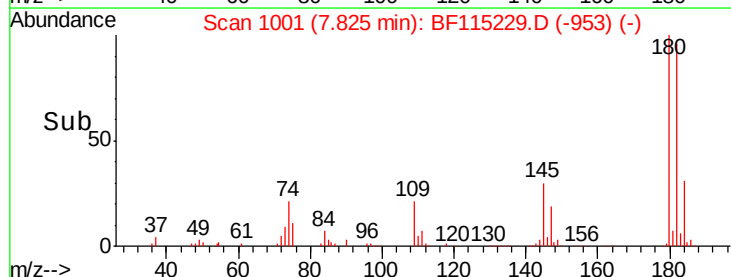
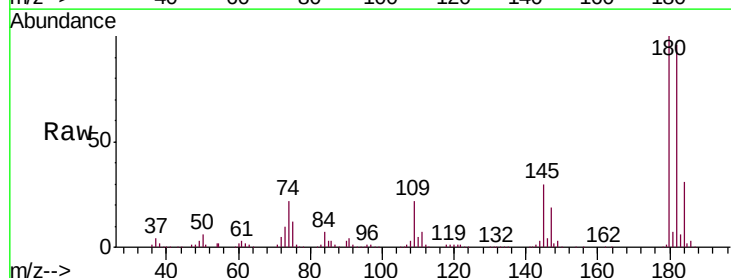
Instrument :
BNA_F
ClientSampleId :
PB120942BSD

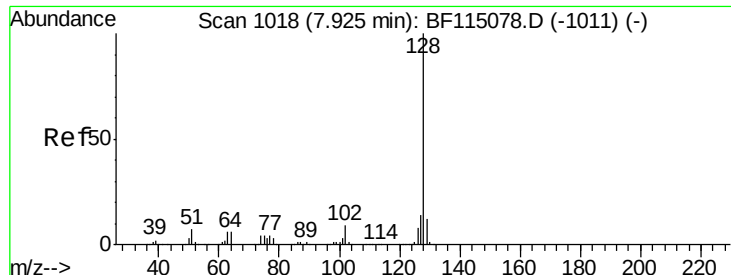
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	32.8	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 39.945 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	29.8	24.8	37.2

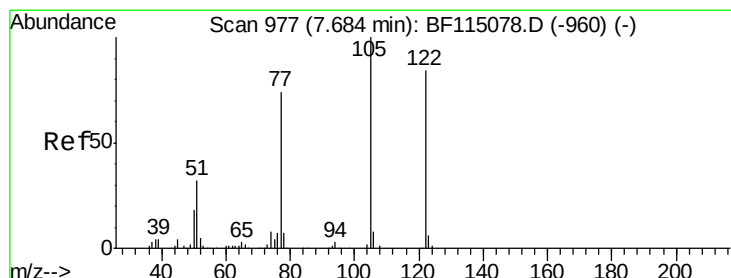
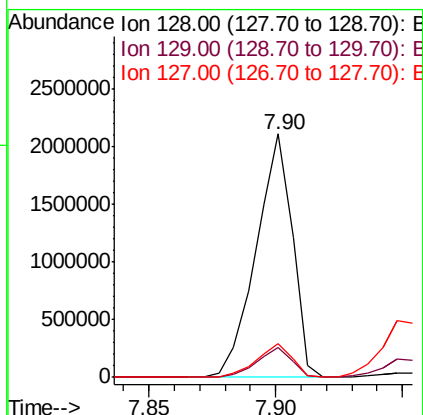
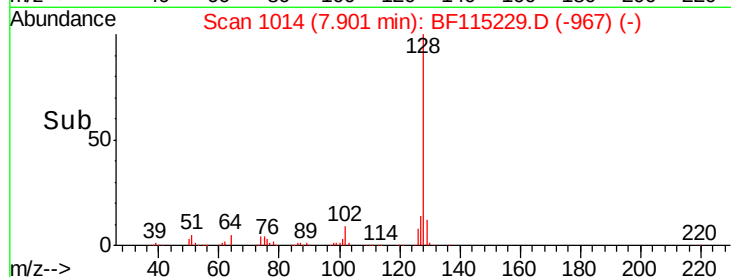
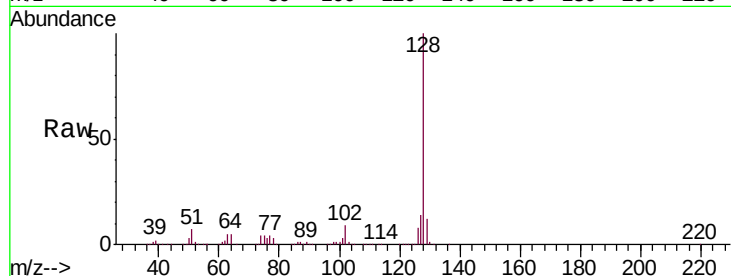




#31
Naphthalene
Concen: 40.254 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

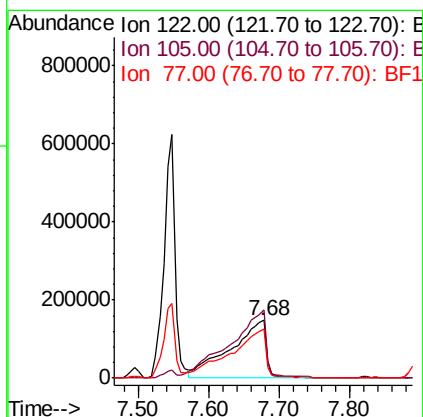
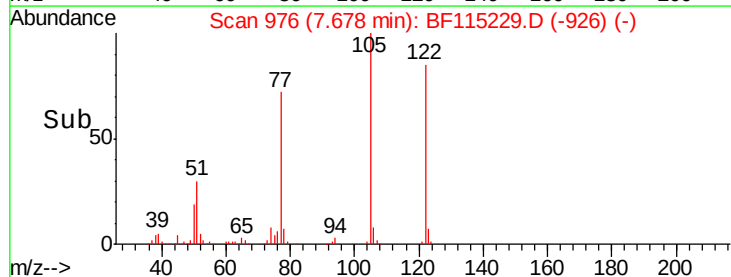
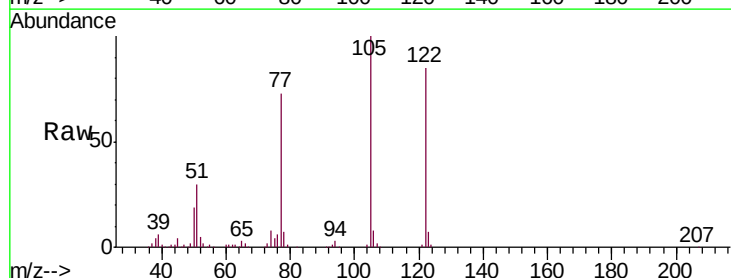
Instrument :
BNA_F
ClientSampleId :
PB120942BSD

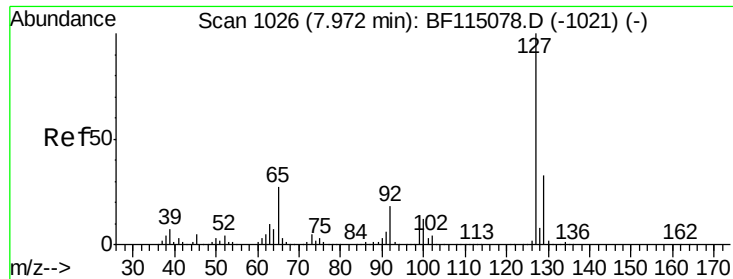
Tgt Ion:128 Resp: 2115067
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 47.158 ng
RT: 7.68 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:122 Resp: 521757
Ion Ratio Lower Upper
122 100
105 117.3 98.2 138.2
77 85.5 67.0 107.0

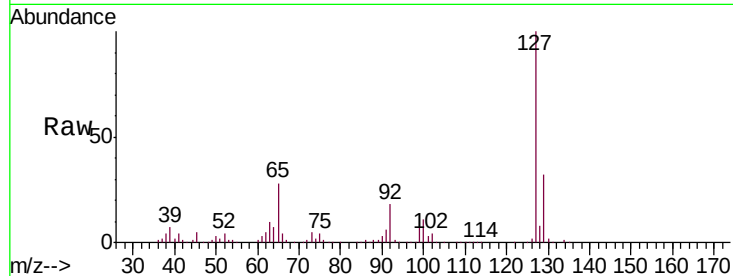




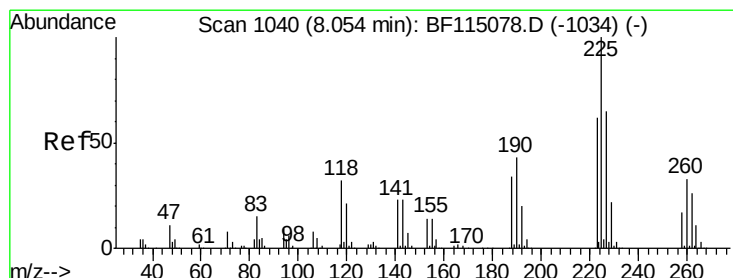
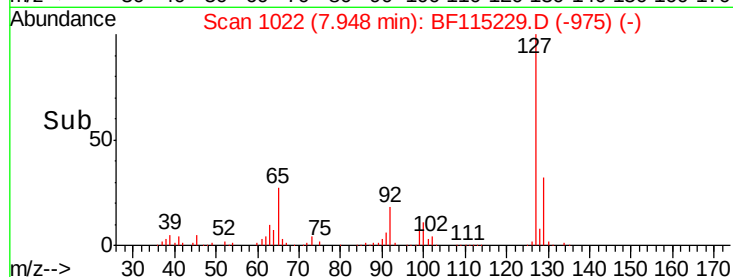
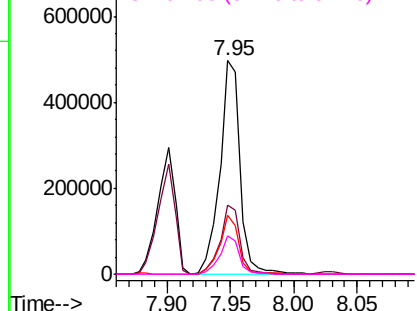
#33
4-Chloroaniline
Concen: 23.136 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:	127	Resp:	555576
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.8	21.4	32.2
92	18.1	14.1	21.1

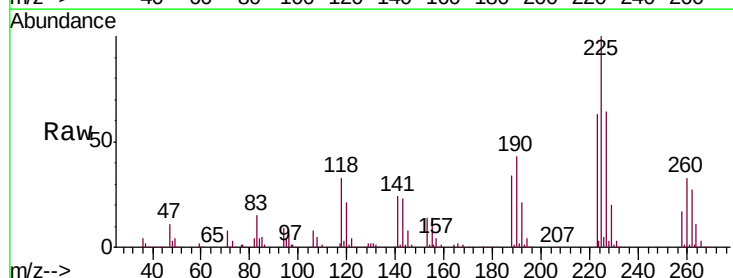


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

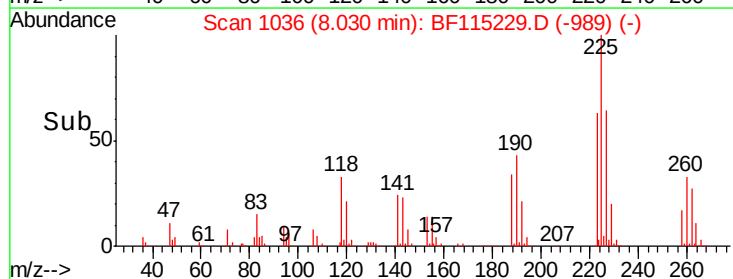
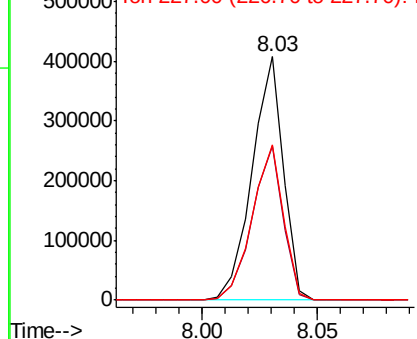


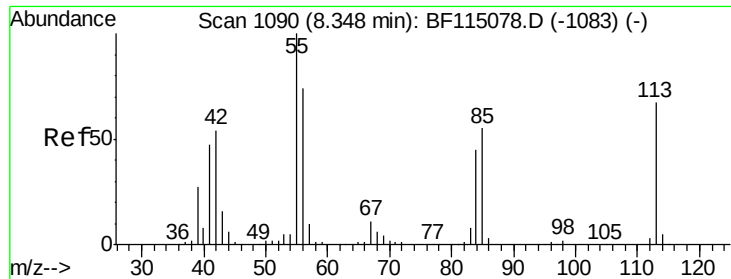
#34
Hexachlorobutadiene
Concen: 39.729 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:	225	Resp:	384678
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	64.0	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

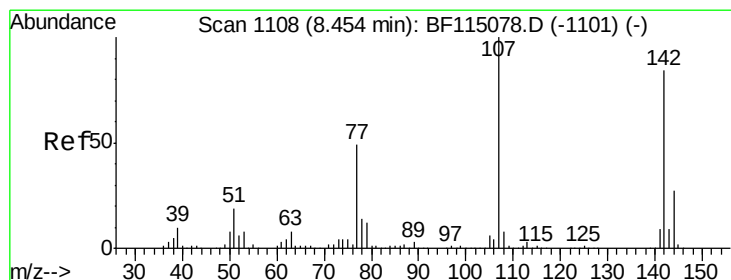
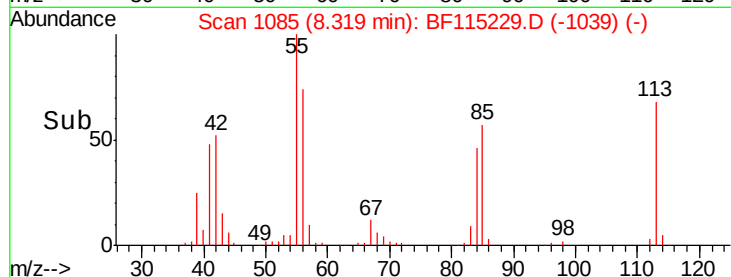
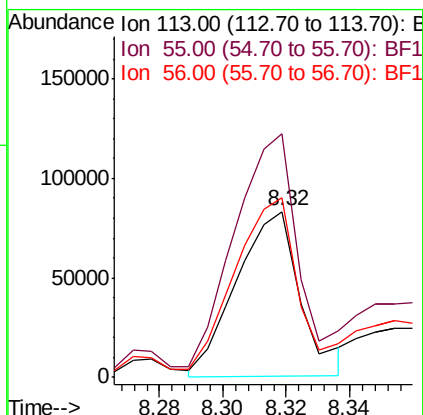
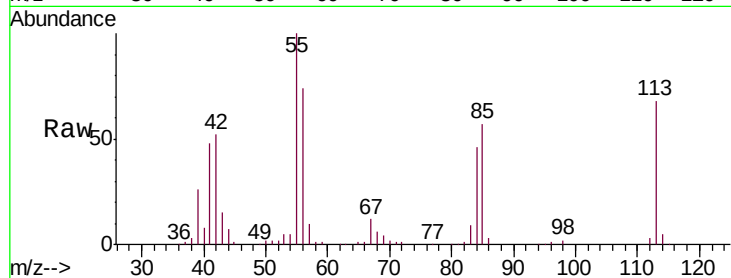




#35
 Caprolactam
 Concen: 21.471 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

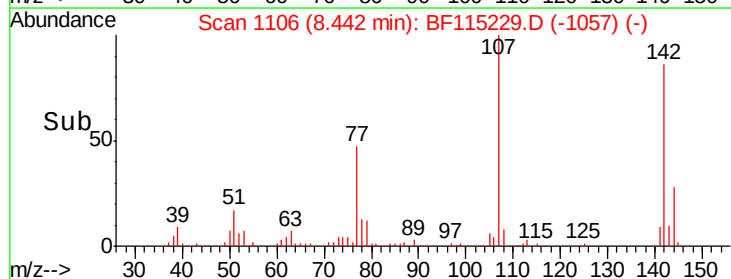
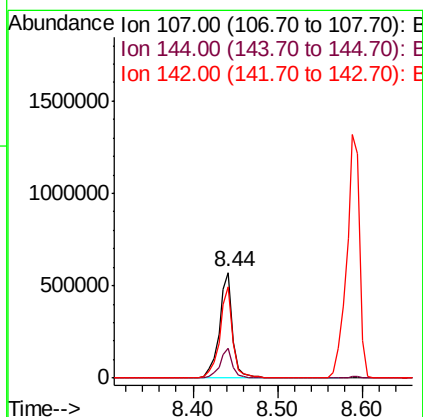
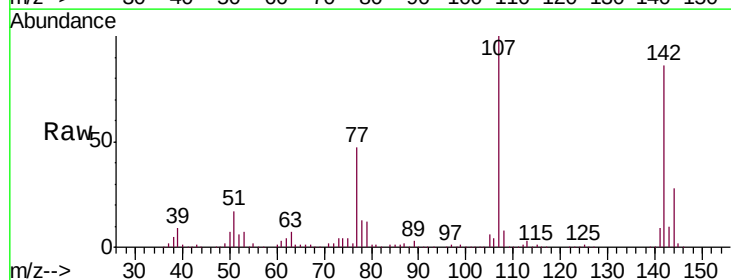
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

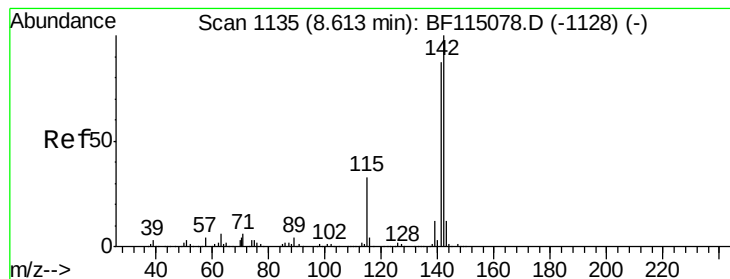
Tgt Ion:113 Resp: 115468
 Ion Ratio Lower Upper
 113 100
 55 147.1 130.2 170.2
 56 108.7 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.781 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:107 Resp: 628222
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.7 32.5
 142 86.5 67.0 100.4





#37

2-Methylnaphthalene

Concen: 40.553 ng

RT: 8.59 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

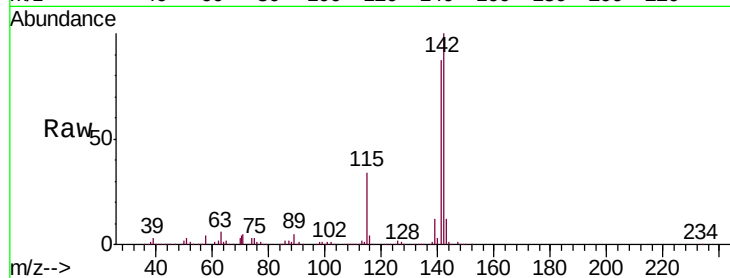
Tgt Ion:142 Resp: 1436668

Ion Ratio Lower Upper

142 100

141 87.4 69.8 104.6

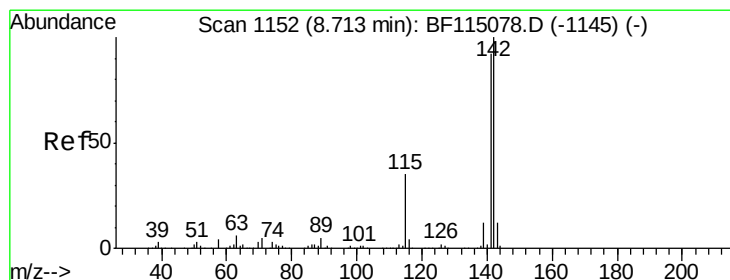
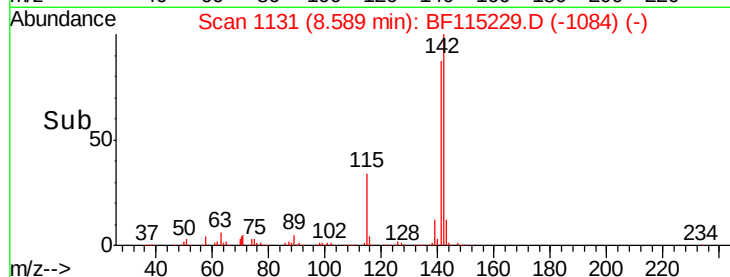
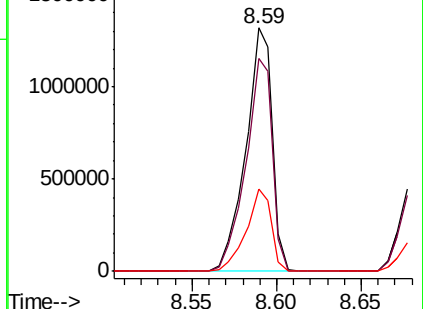
115 33.7 26.7 40.1



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: 39.857 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

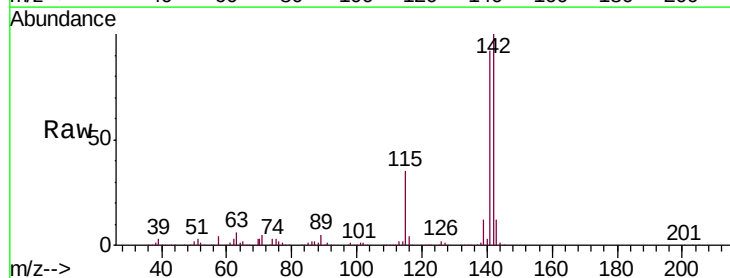
Tgt Ion:142 Resp: 1348561

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.8

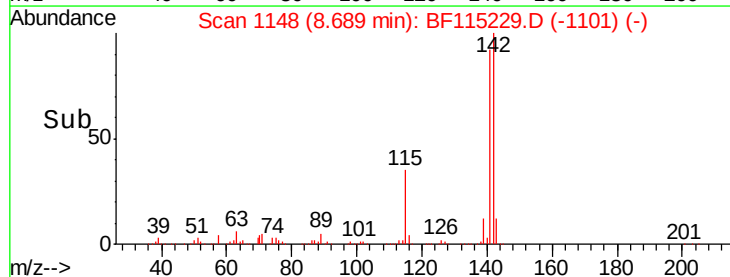
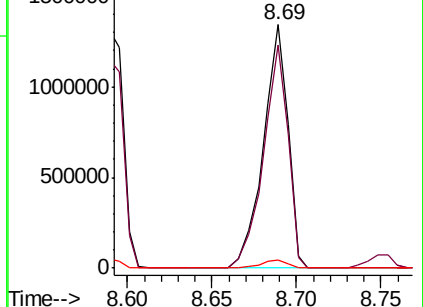
116 3.6 2.8 4.2

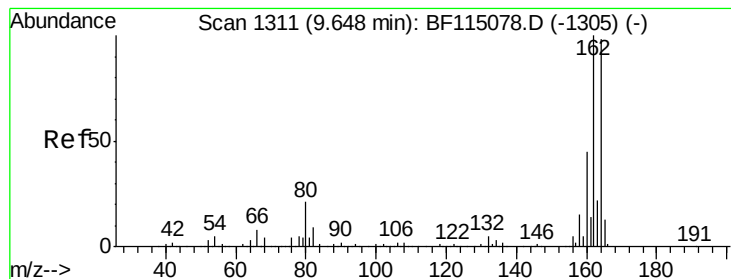


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.62 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

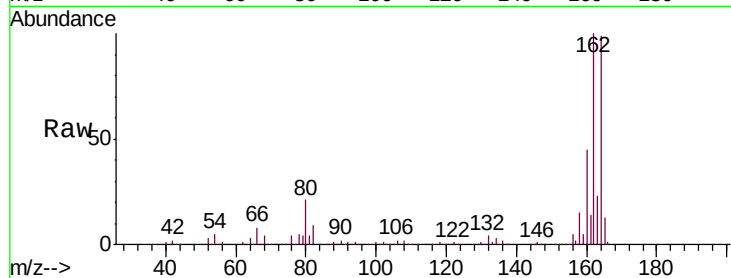
Tgt Ion:164 Resp: 503897

Ion Ratio Lower Upper

164 100

162 100.9 81.7 122.5

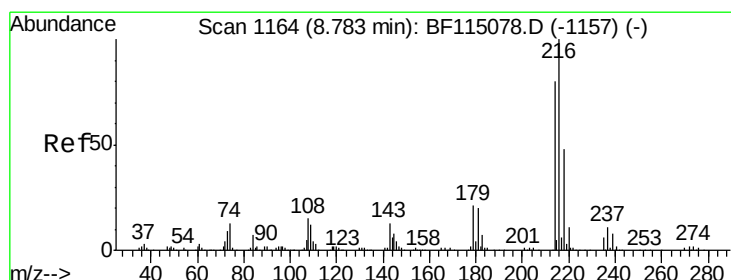
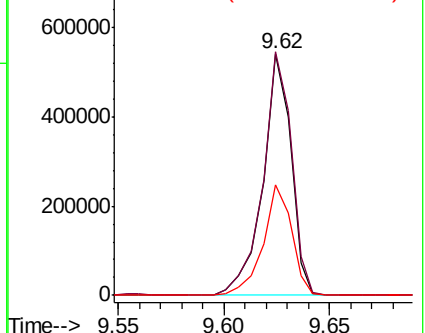
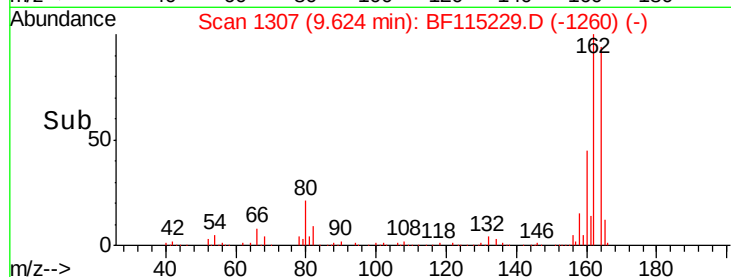
160 45.6 37.0 55.4



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: 42.260 ng

RT: 8.76 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:216 Resp: 601749

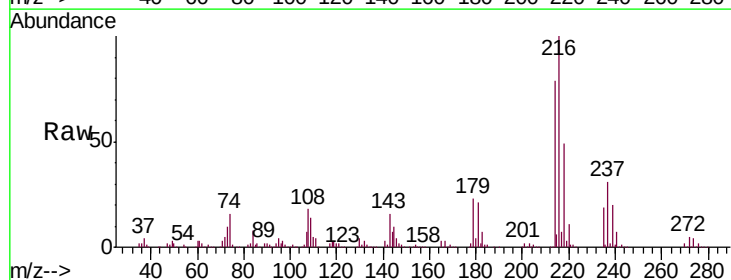
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 22.2 17.6 26.4

108 20.3 15.7 23.5

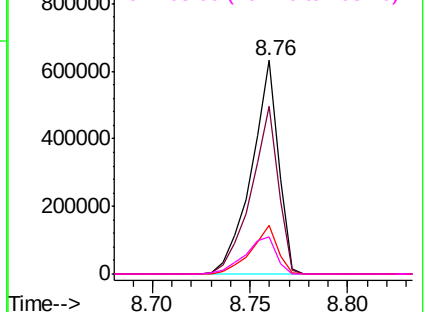
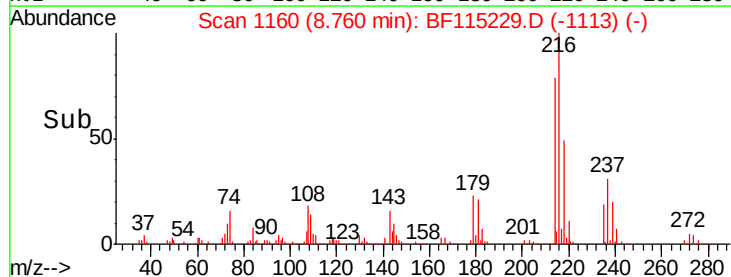


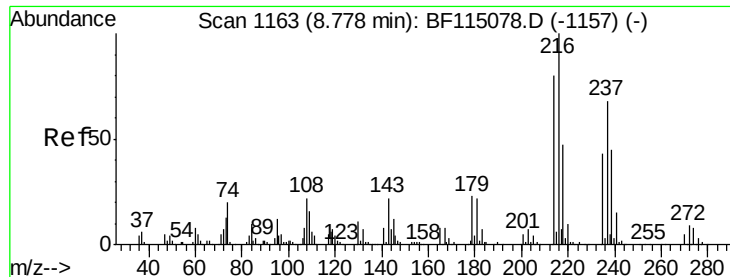
Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.367 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

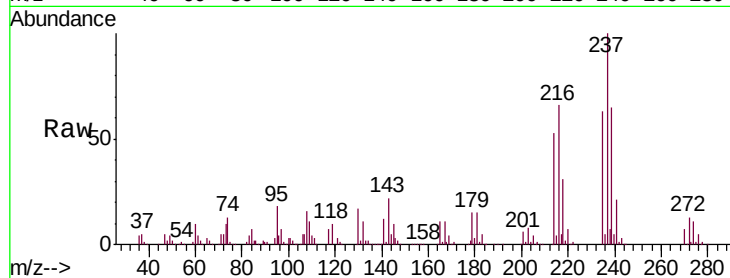
Tgt Ion:237 Resp: 627907

Ion Ratio Lower Upper

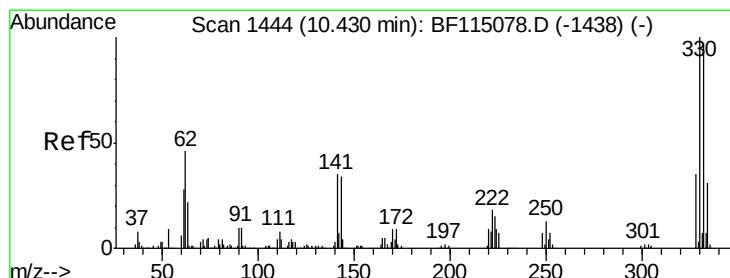
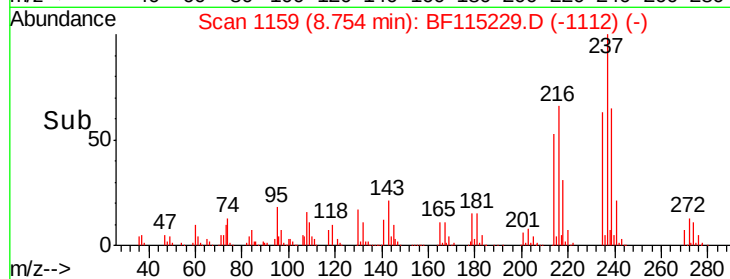
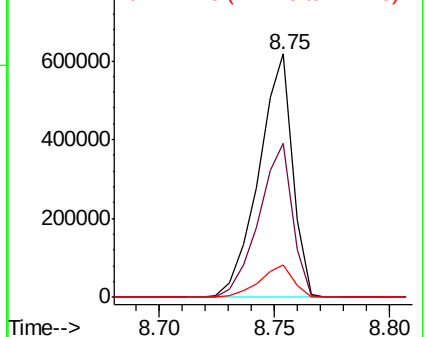
237 100

235 63.0 43.9 83.9

272 13.5 0.0 33.8



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: 77.488 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

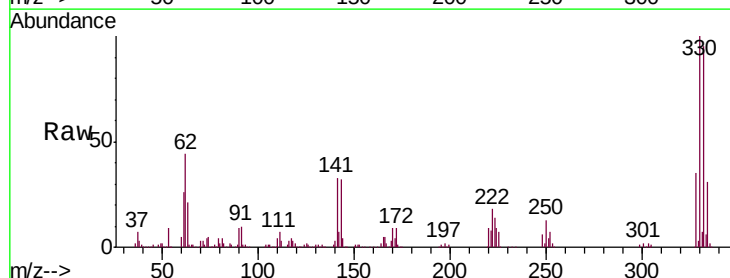
Tgt Ion:330 Resp: 411755

Ion Ratio Lower Upper

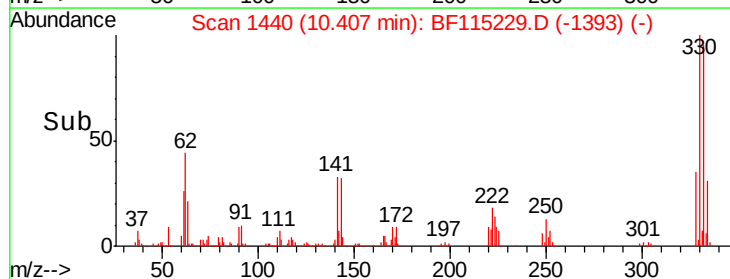
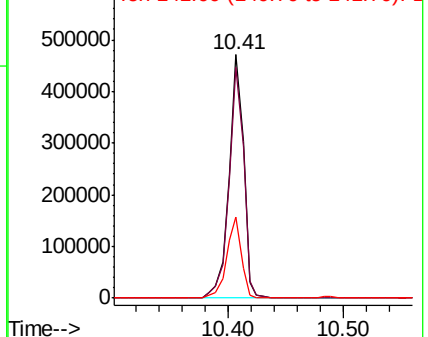
330 100

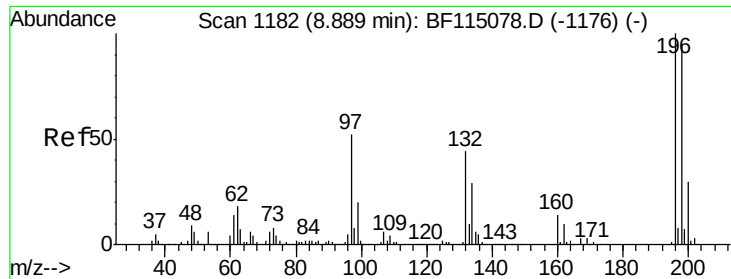
332 96.2 77.3 115.9

141 33.6 28.2 42.2



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

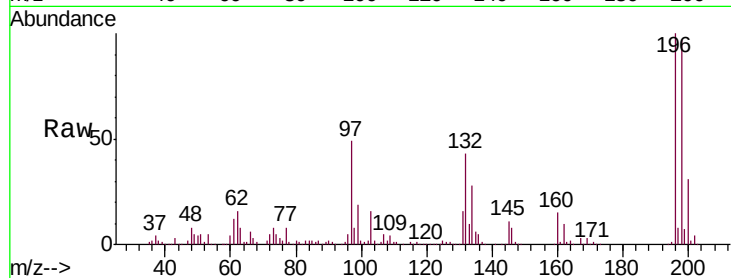




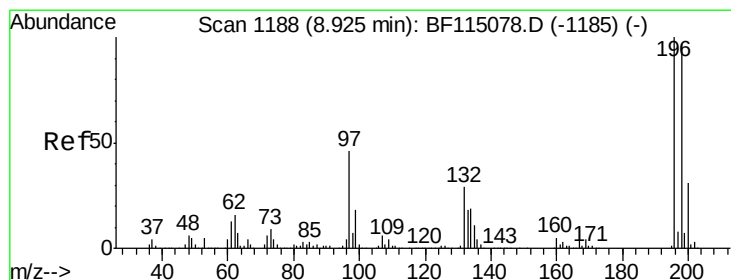
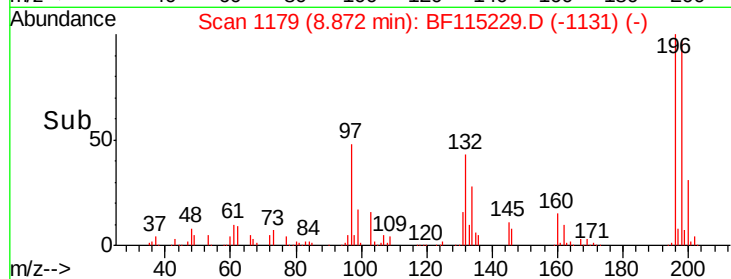
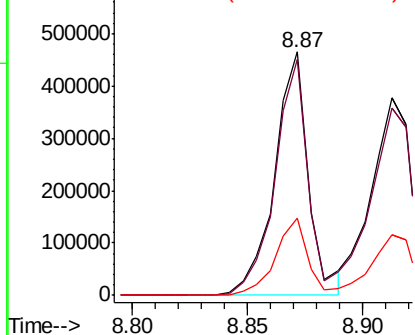
#43
 2,4,6-Trichlorophenol
 Concen: 42.859 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion:196 Resp: 471158
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 31.5 24.2 36.4



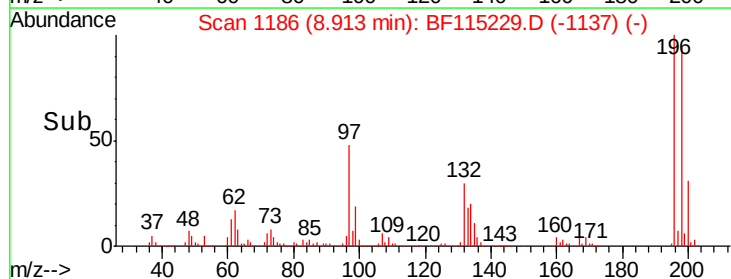
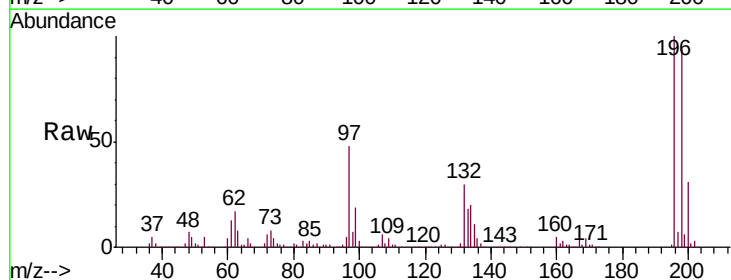
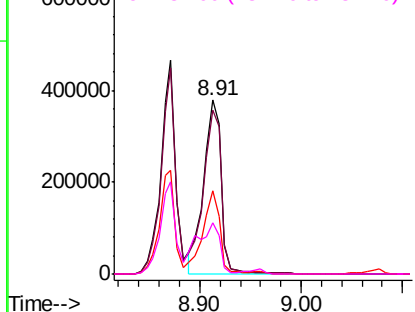
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

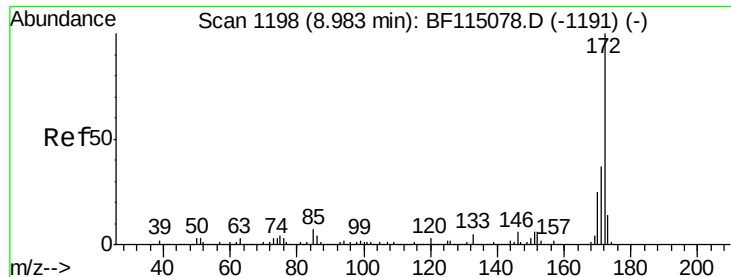


#44
 2,4,5-Trichlorophenol
 Concen: 40.477 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:196 Resp: 458234
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.1 115.7
 97 47.8 37.7 56.5
 132 29.7 23.1 34.7

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

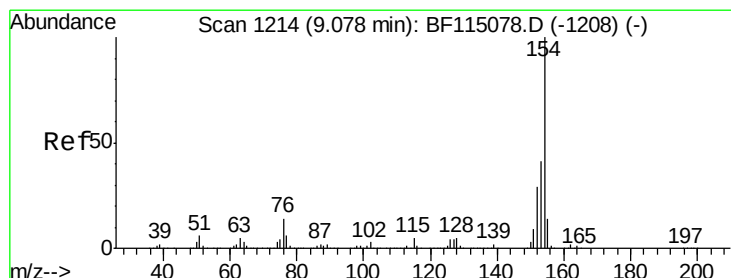
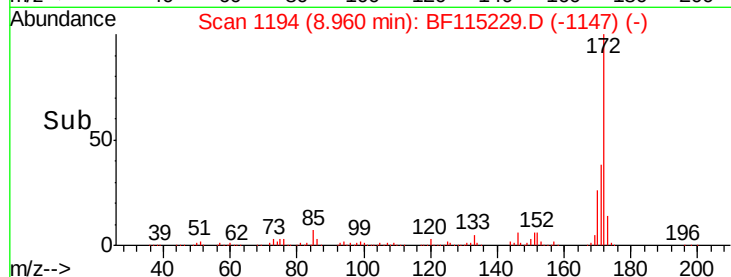
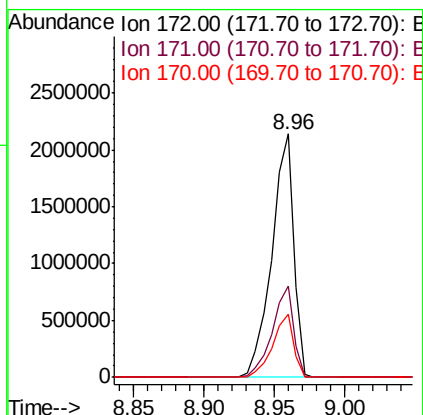
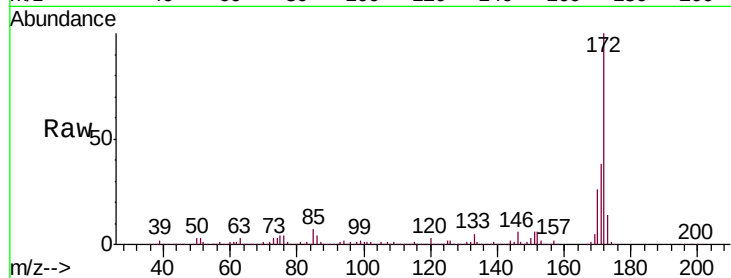




#45
 2-Fluorobiphenyl
 Concen: 78.840 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

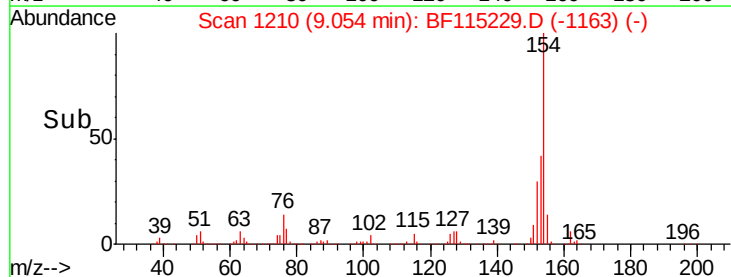
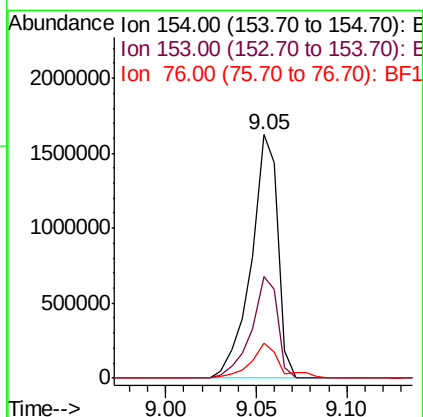
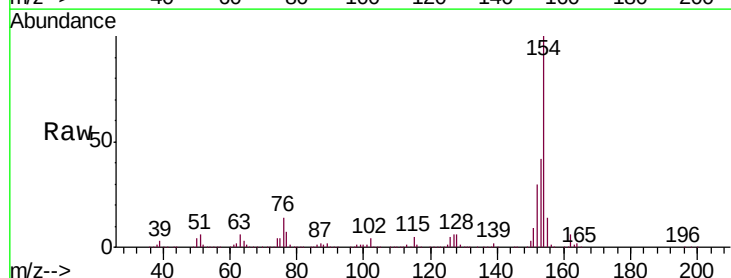
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

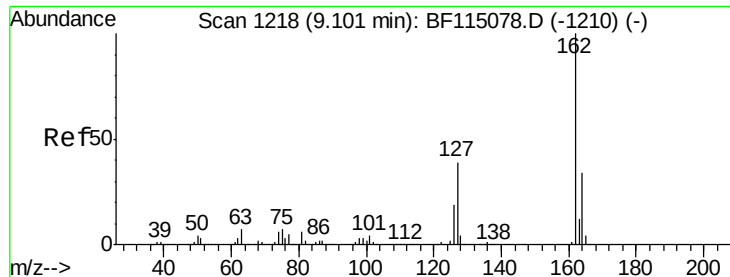
Tgt Ion:172 Resp: 2338791
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.9 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 41.124 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:154 Resp: 1658089
 Ion Ratio Lower Upper
 154 100
 153 41.9 20.9 60.9
 76 14.2 0.0 34.1

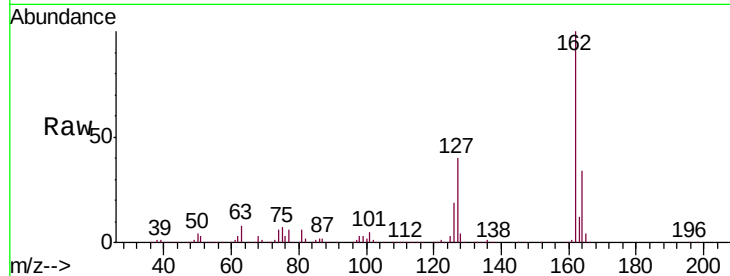




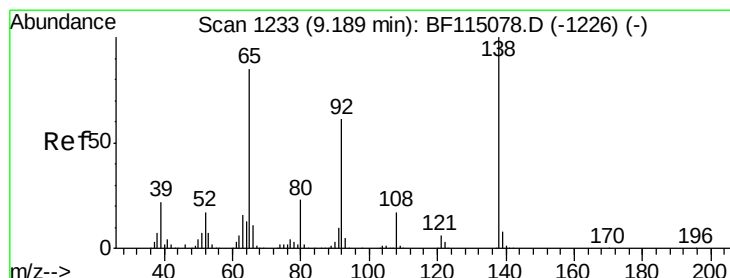
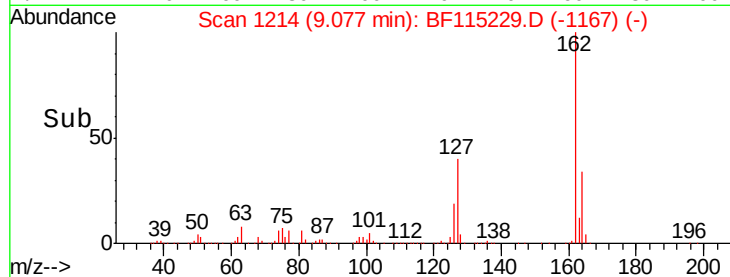
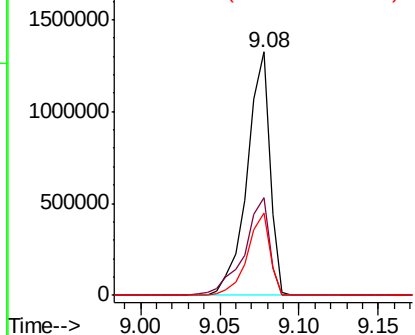
#47
 2-Chloronaphthalene
 Concen: 40.135 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion: 162 Resp: 1312612
 Ion Ratio Lower Upper
 162 100
 127 39.9 30.8 46.2
 164 33.9 27.0 40.4

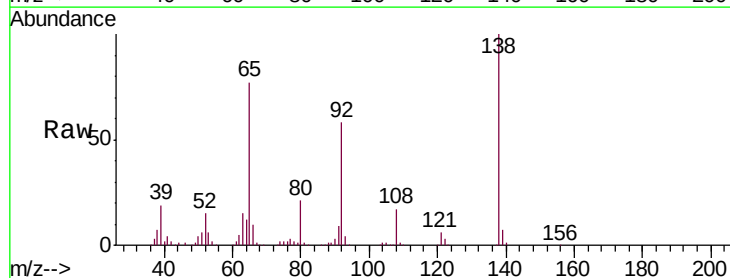


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

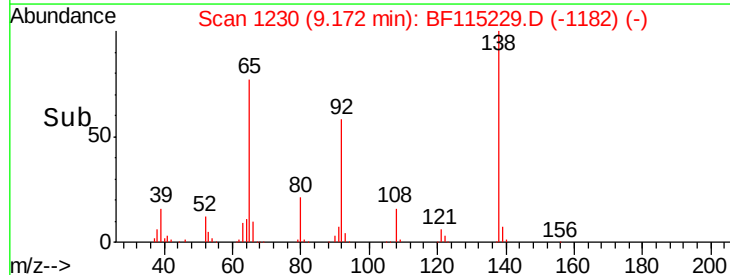
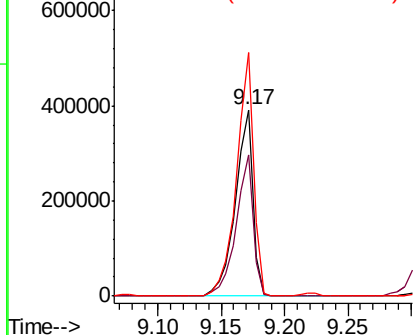


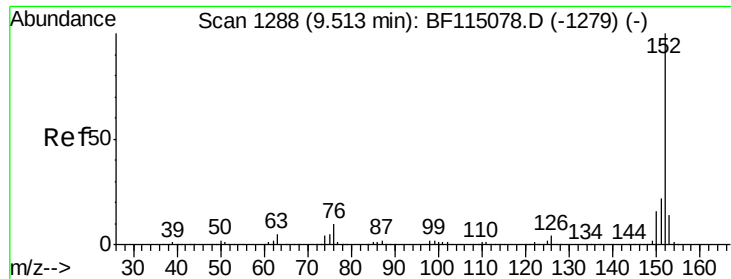
#48
 2-Nitroaniline
 Concen: 38.953 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion: 65 Resp: 371413
 Ion Ratio Lower Upper
 65 100
 92 75.7 57.4 86.2
 138 130.7 94.1 141.1



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: 39.783 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

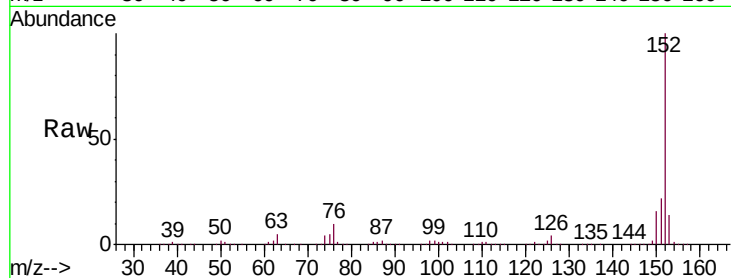
Tgt Ion:152 Resp: 2027157

Ion Ratio Lower Upper

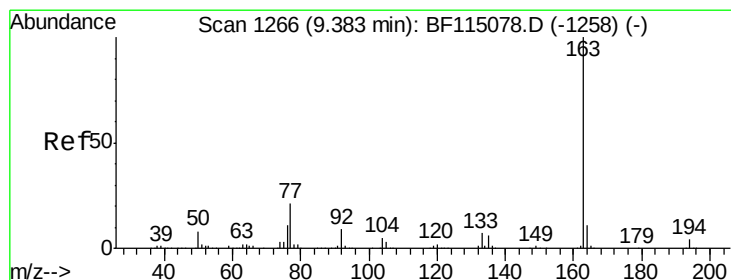
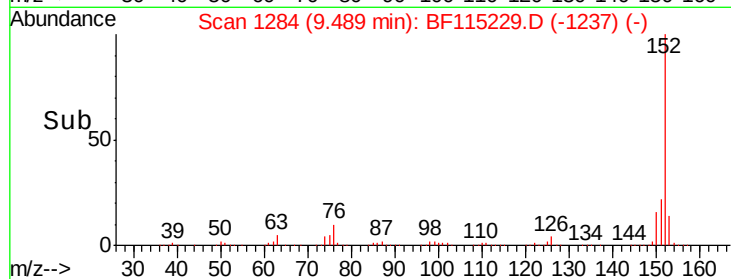
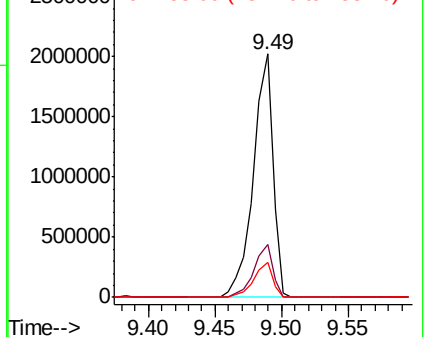
152 100

151 21.6 17.2 25.8

153 14.2 11.0 16.6



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: 39.923 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

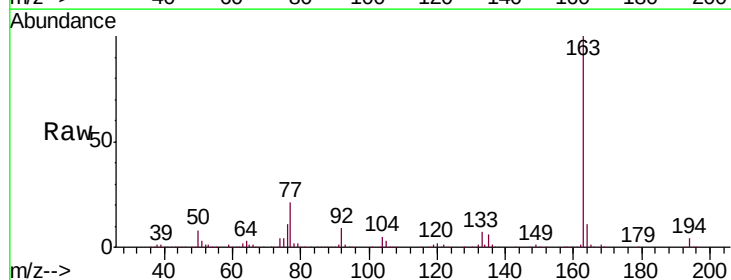
Tgt Ion:163 Resp: 1480068

Ion Ratio Lower Upper

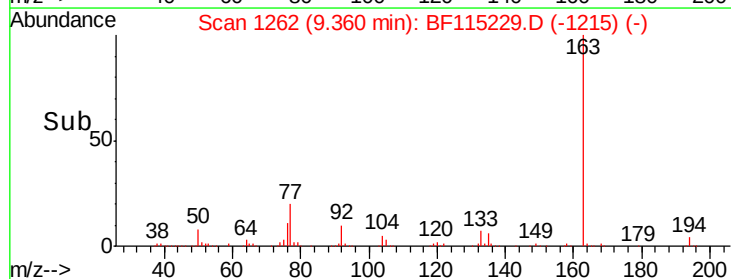
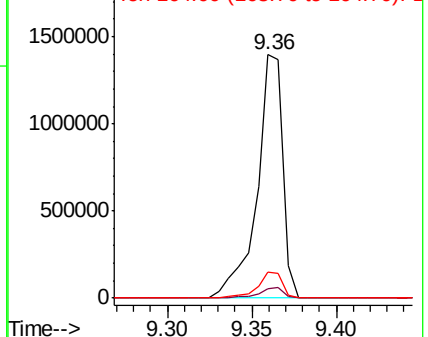
163 100

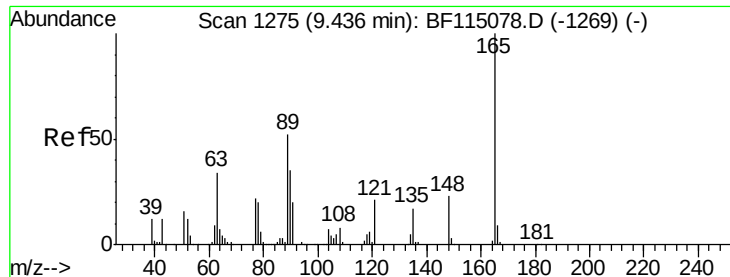
194 3.9 3.2 4.8

164 10.9 8.6 13.0



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

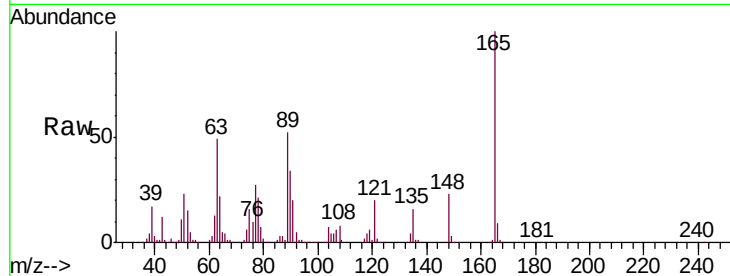




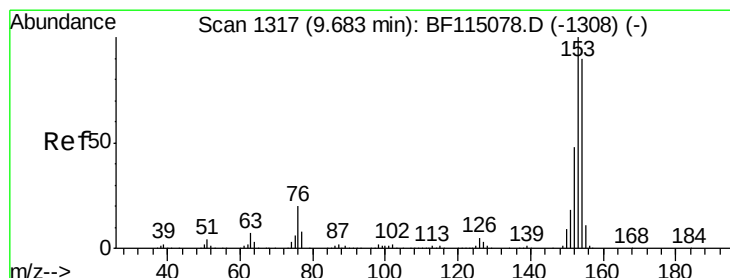
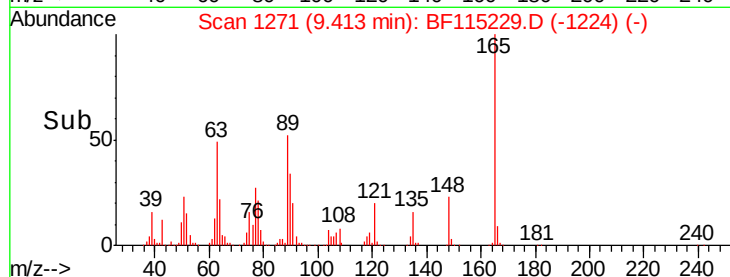
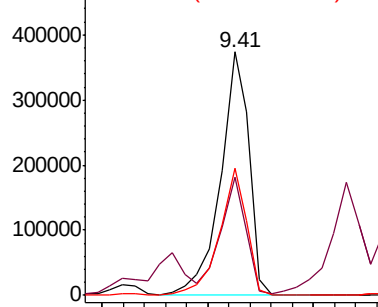
#51
2,6-Dinitrotoluene
Concen: 41.009 ng
RT: 9.41 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:165 Resp: 350991
Ion Ratio Lower Upper
165 100
63 48.5 39.4 59.2
89 52.1 42.0 63.0

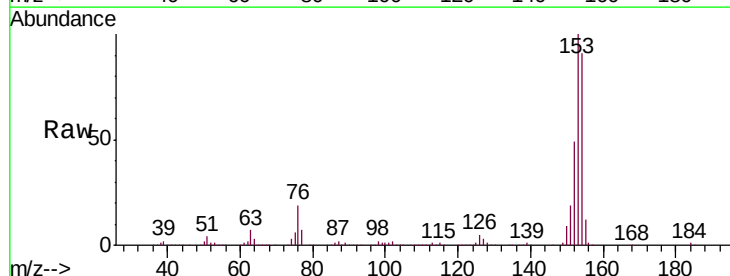


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

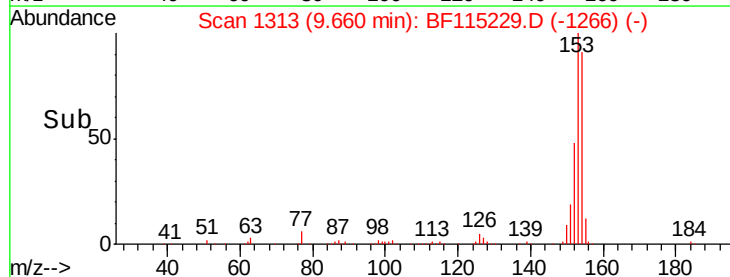
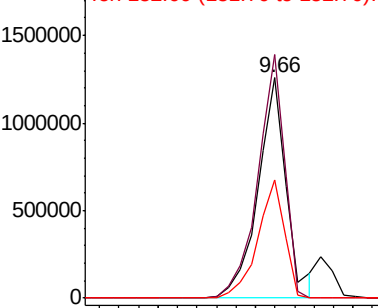


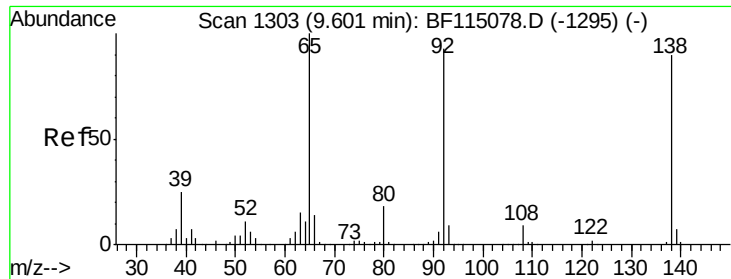
#52
Acenaphthene
Concen: 39.495 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:154 Resp: 1259292
Ion Ratio Lower Upper
154 100
153 110.5 88.7 133.1
152 53.7 42.6 64.0



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

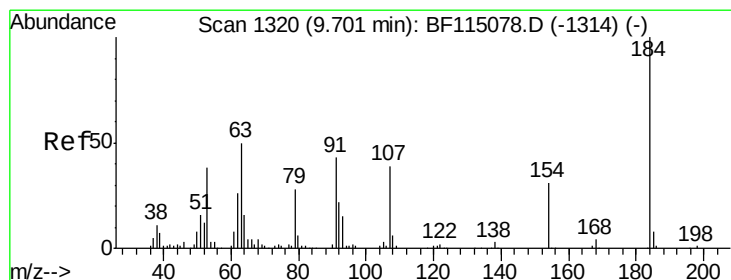
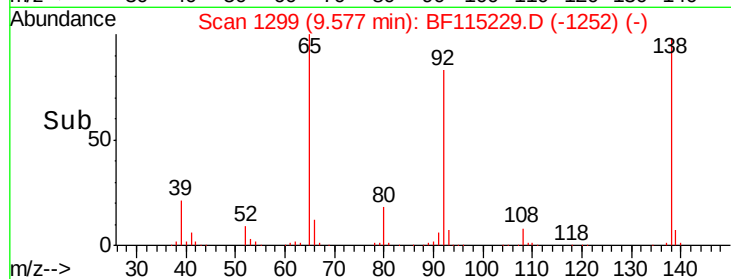
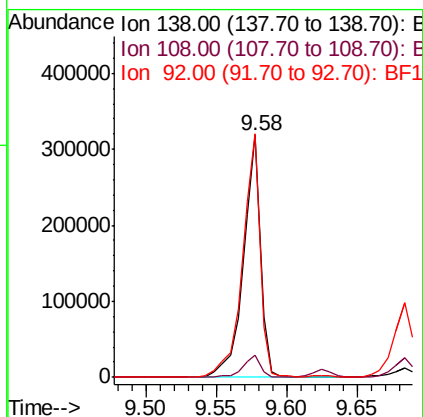
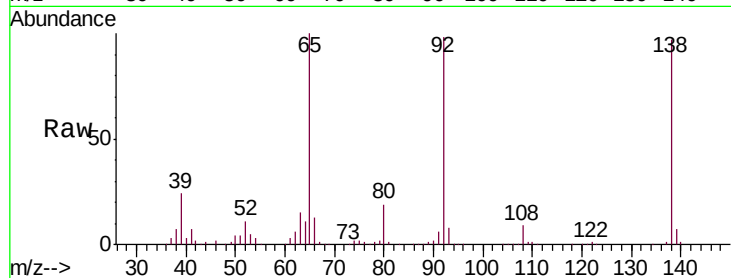




#53
 3-Nitroaniline
 Concen: 25.600 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

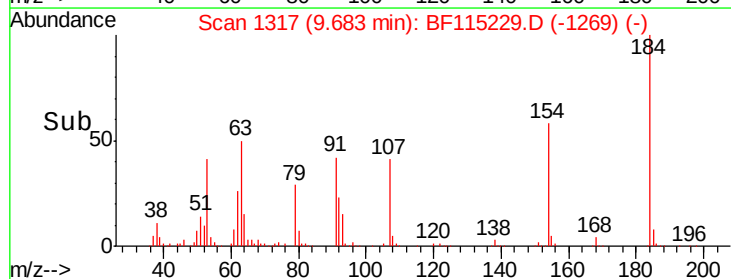
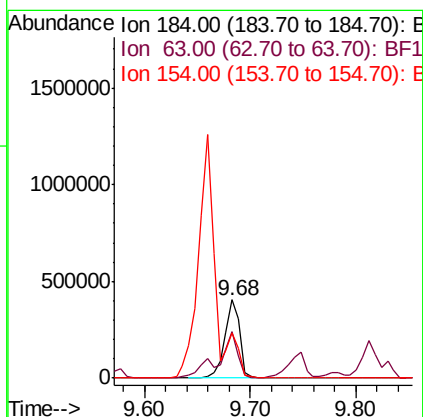
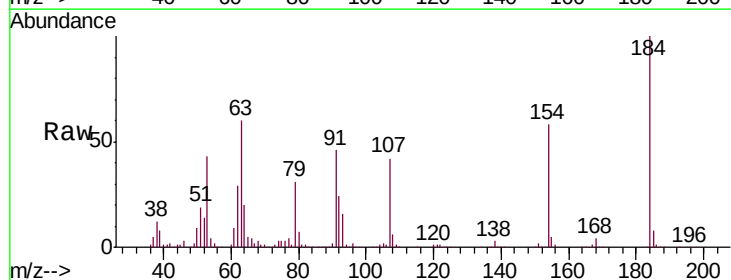
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

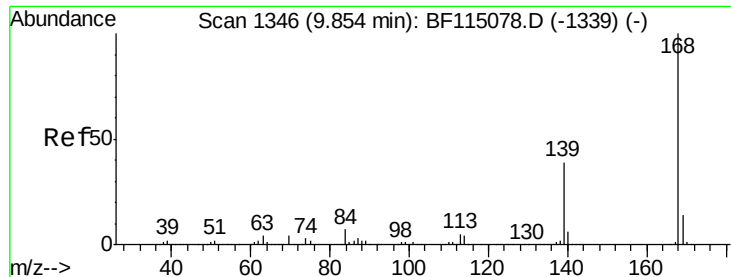
Tgt Ion:138 Resp: 267385
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.8 11.6
 92 100.7 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 89.869 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:184 Resp: 400192
 Ion Ratio Lower Upper
 184 100
 63 59.8 41.9 62.9
 154 58.3 44.7 67.1

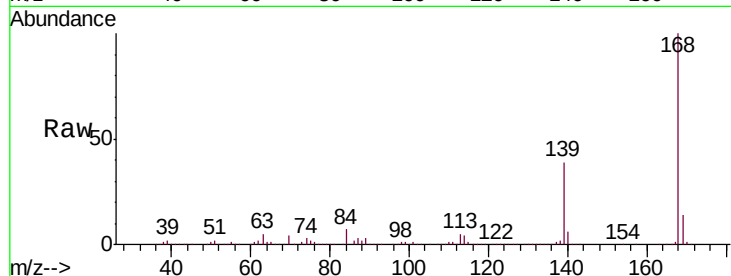




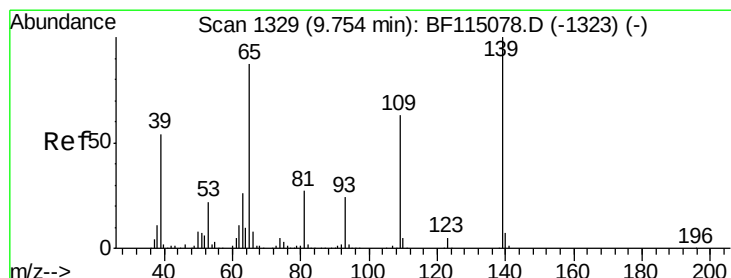
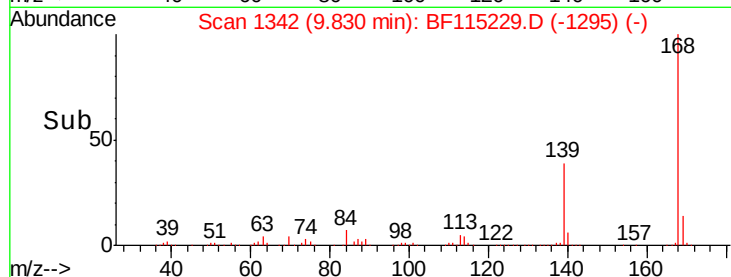
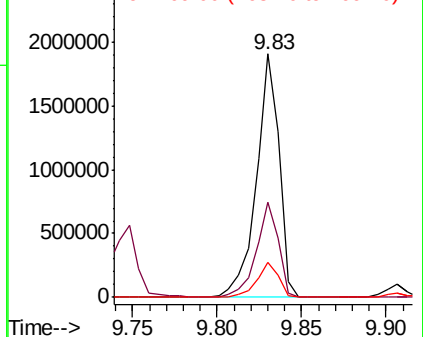
#55
Dibenzofuran
Concen: 38.904 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:168 Resp: 1780405
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 14.2 11.3 16.9

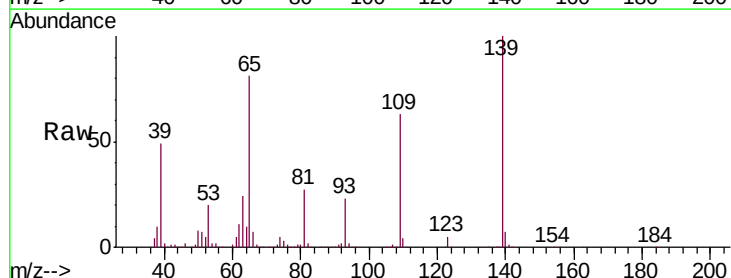


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

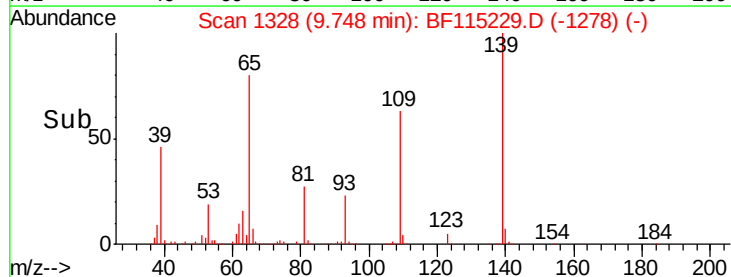
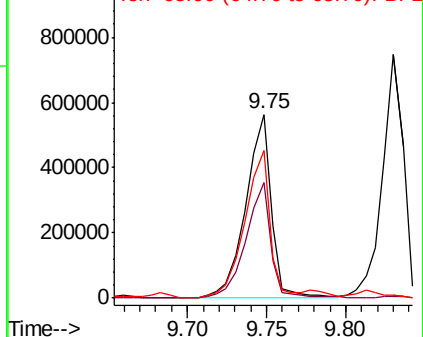


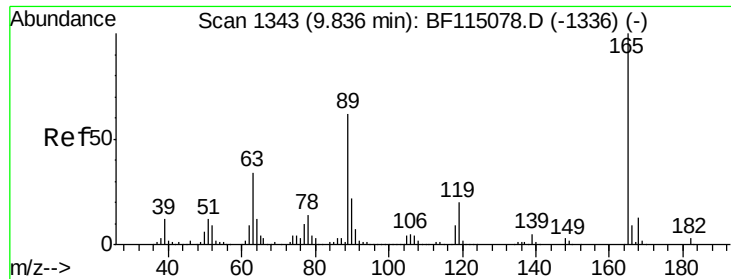
#56
4-Nitrophenol
Concen: 75.602 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:139 Resp: 633057
Ion Ratio Lower Upper
139 100
109 62.9 43.0 83.0
65 80.6 67.0 107.0



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

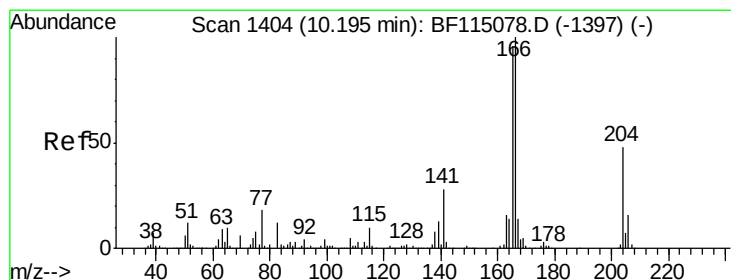
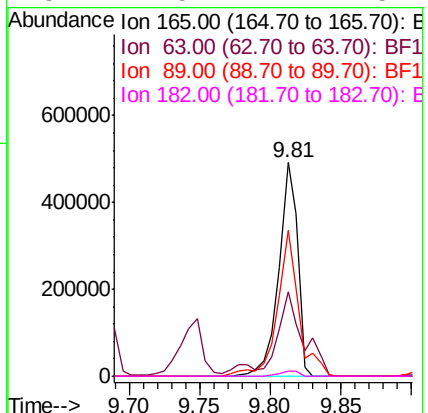
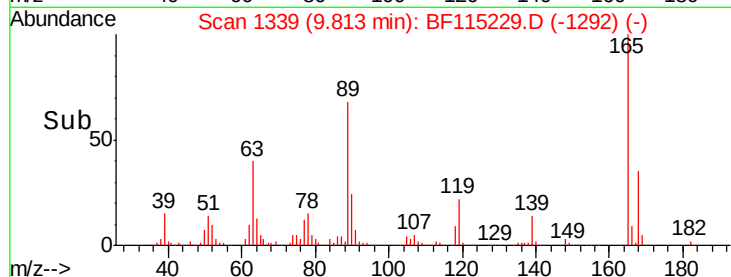
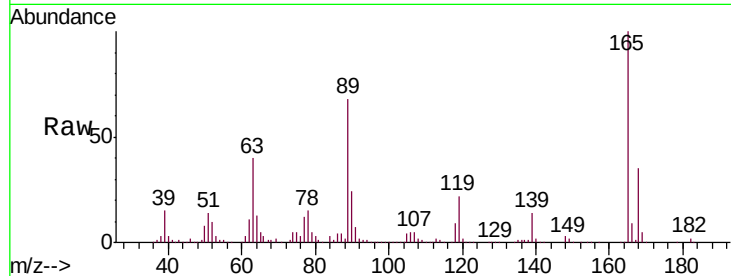




#57
2,4-Dinitrotoluene
Concen: 41.394 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

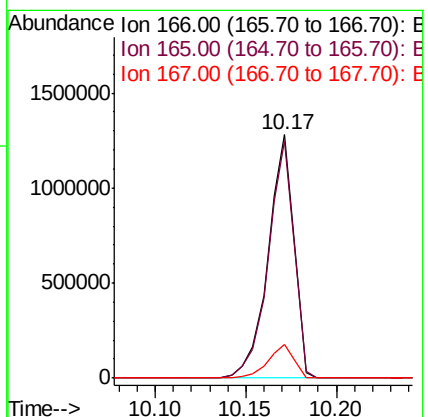
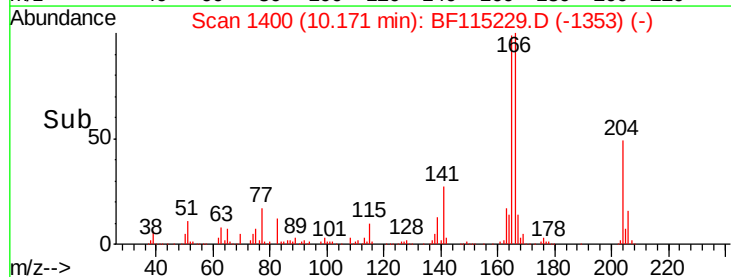
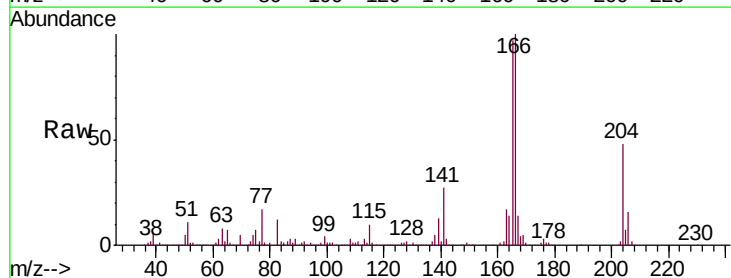
Instrument :
BNA_F
ClientSampleId :
PB120942BSD

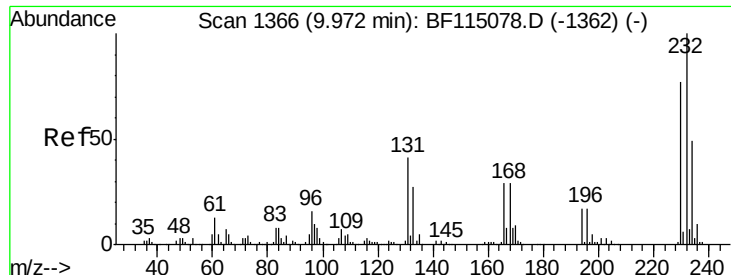
Tgt Ion:165 Resp: 457457
Ion Ratio Lower Upper
165 100
63 39.6 27.5 41.3
89 68.3 49.9 74.9
182 2.5 2.1 3.1



#58
Fluorene
Concen: 40.667 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:166 Resp: 1258411
Ion Ratio Lower Upper
166 100
165 97.3 76.5 114.7
167 13.9 11.0 16.4

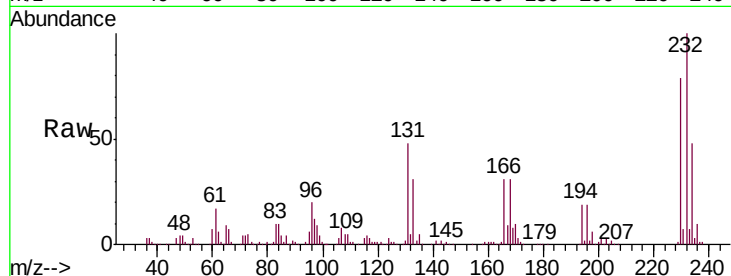




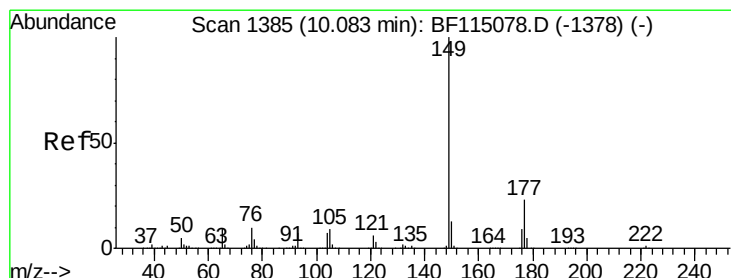
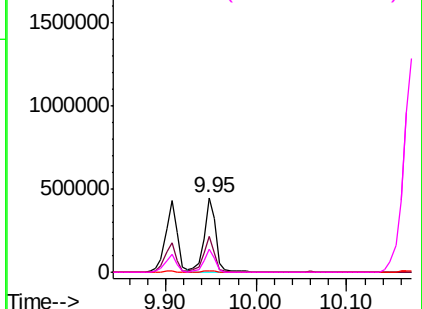
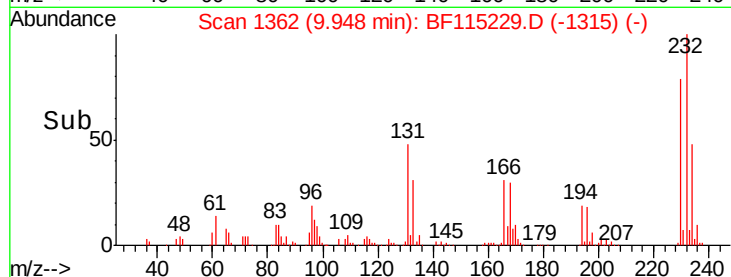
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.815 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion:	232	Resp:	406435
Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.4	56.0
130	2.2	1.8	2.6
166	29.6	24.6	36.8

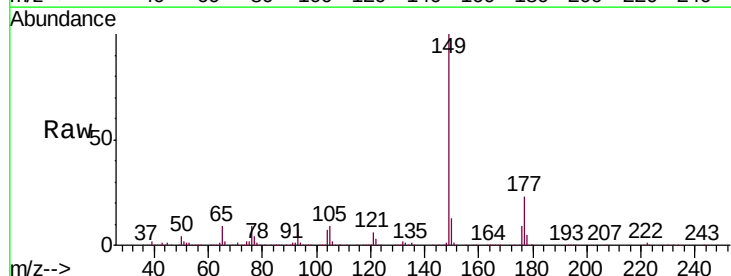


Abundance Ion 232.00 (231.70 to 232.70): E
 2000000 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

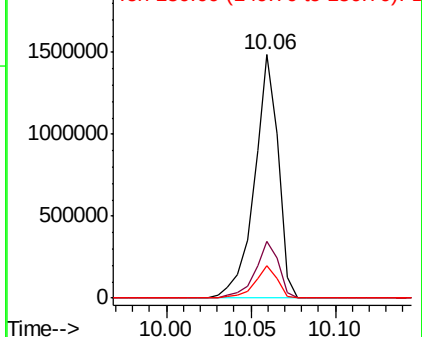
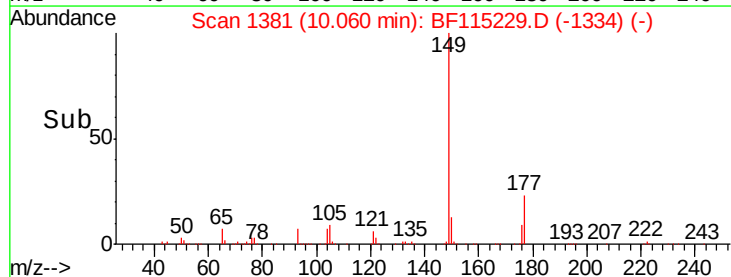


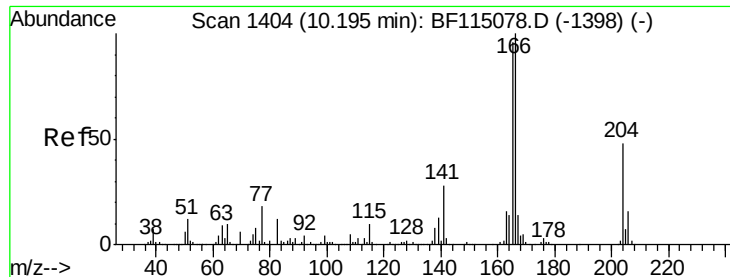
#60
 Diethylphthalate
 Concen: 38.892 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:	149	Resp:	1449346
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.1	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

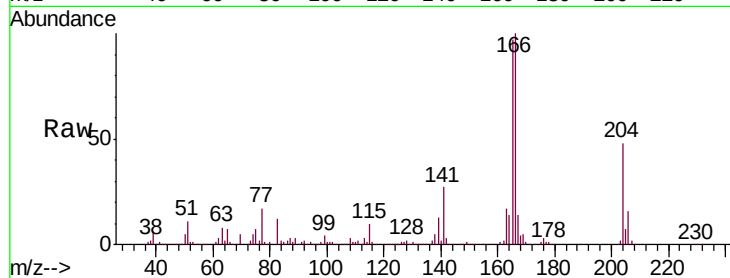




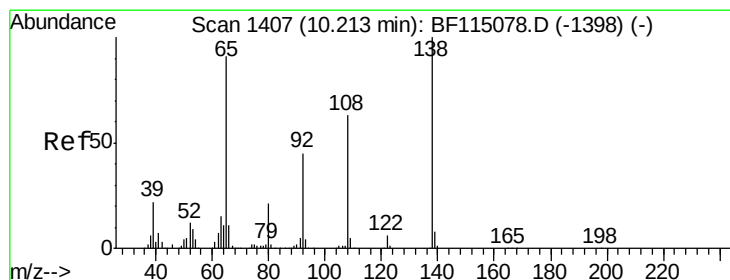
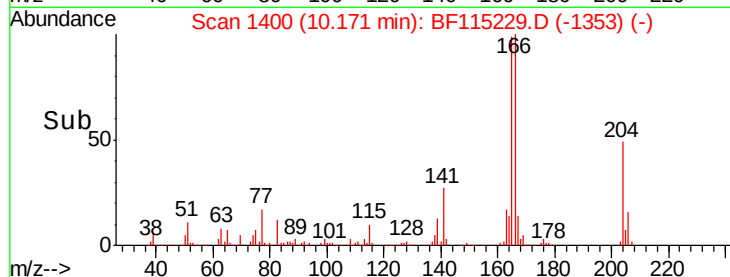
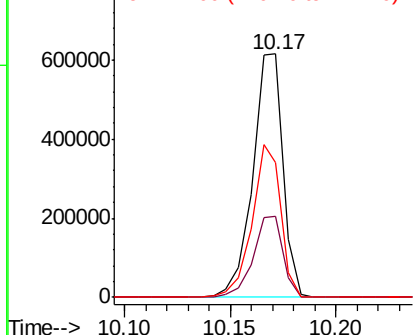
#61
4-Chlorophenyl-phenylether
Concen: 42.093 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:204 Resp: 615854
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 55.6 46.7 70.1

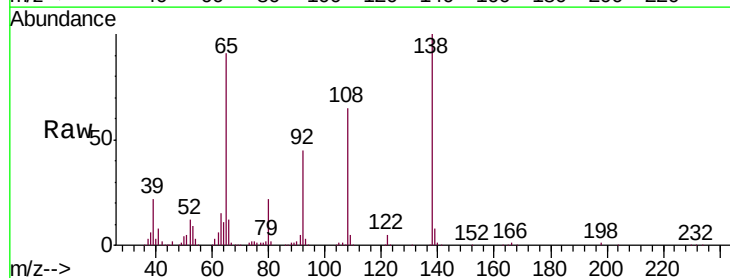


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

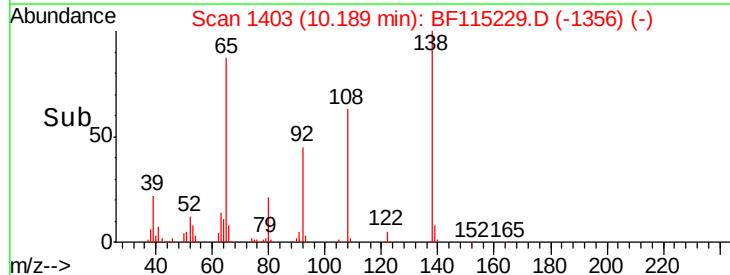
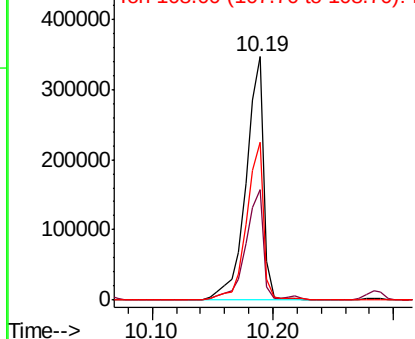


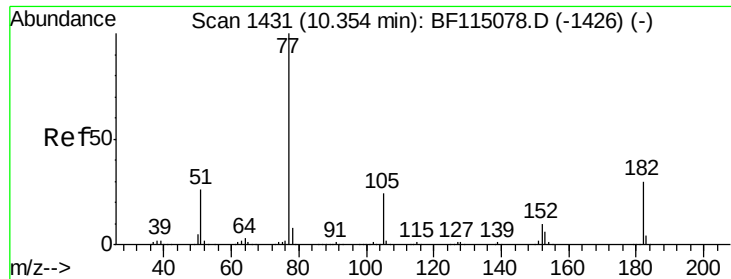
#62
4-Nitroaniline
Concen: 33.798 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:138 Resp: 354136
Ion Ratio Lower Upper
138 100
92 45.3 24.8 64.8
108 64.8 43.3 83.3



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: 37.898 ng

RT: 10.32 min Scan# 1426

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tgt Ion: 77 Resp: 1319145

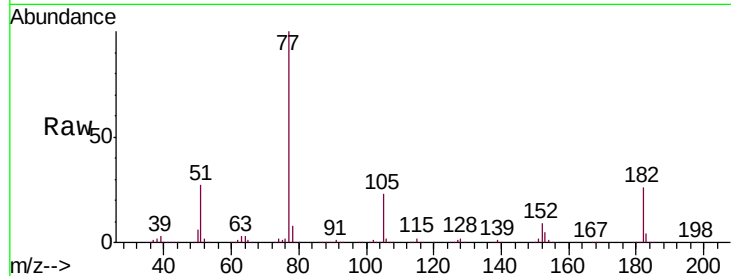
Ion Ratio Lower Upper

77 100

182 26.5 10.1 50.1

105 23.2 4.5 44.5

51 27.5 6.4 46.4

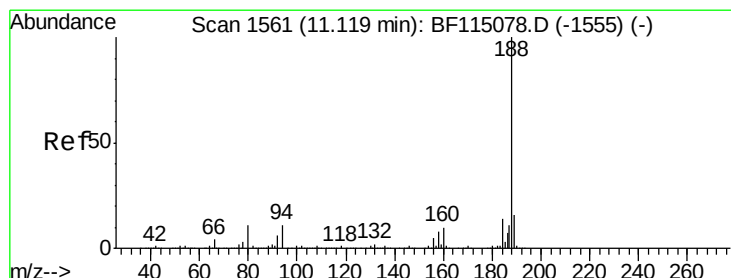
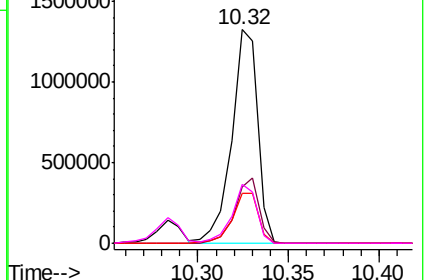
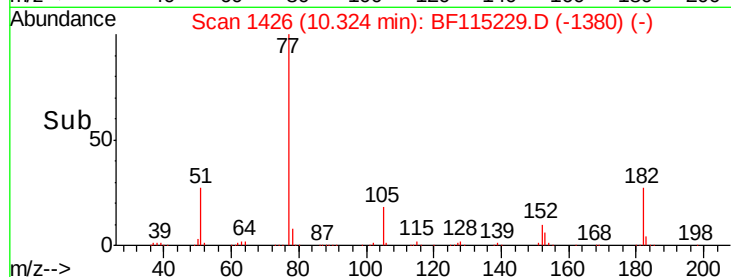


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

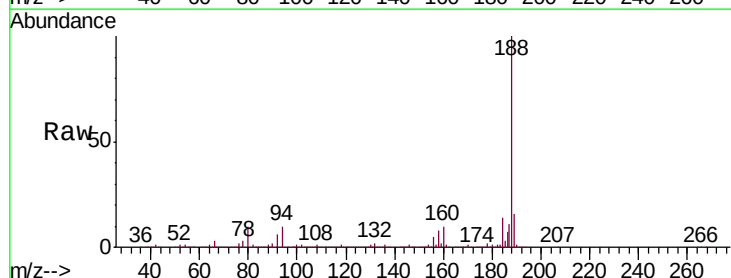
Tgt Ion: 188 Resp: 959836

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

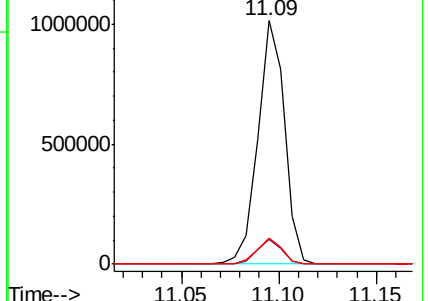
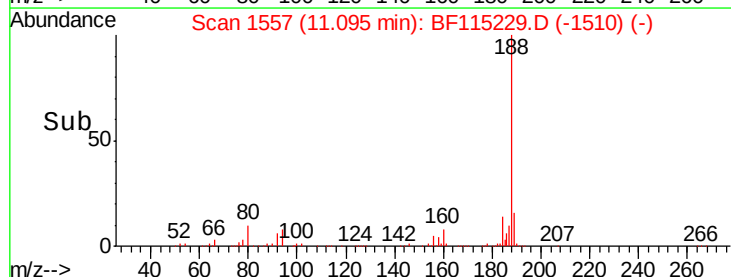
80 10.5 8.8 13.2

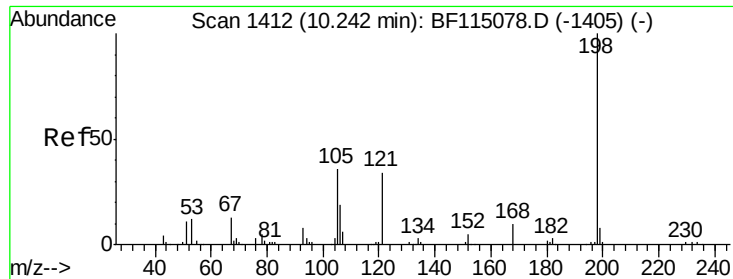


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

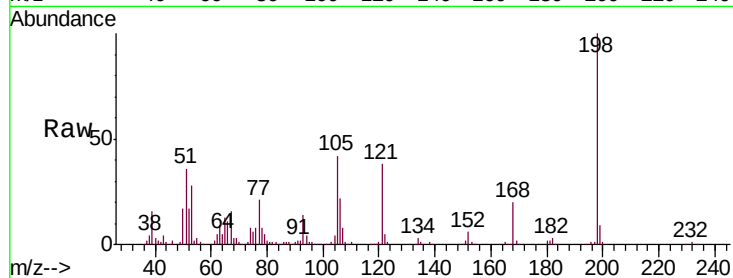




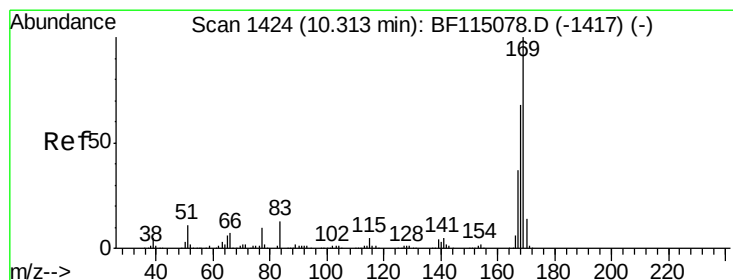
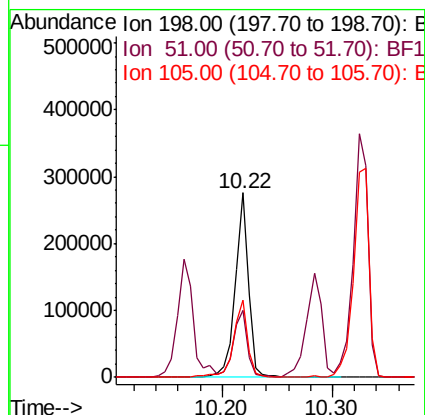
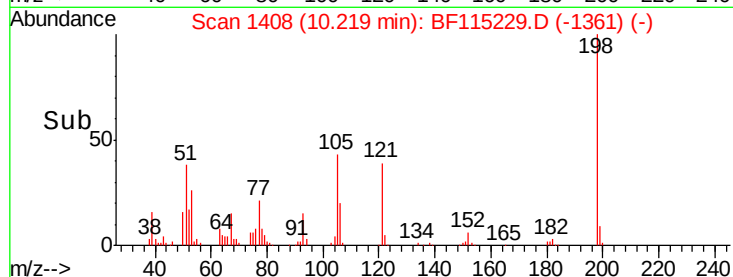
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.213 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion:198 Resp: 234963
 Ion Ratio Lower Upper
 198 100
 51 36.5 11.0 51.0
 105 41.7 17.3 57.3

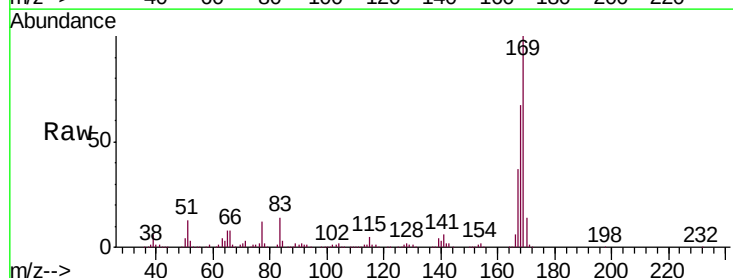


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

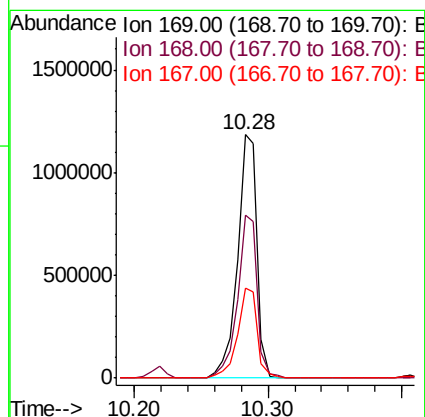
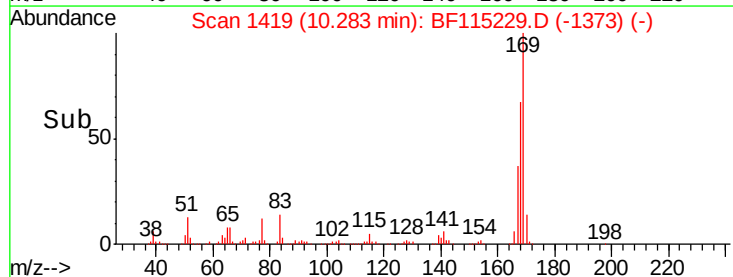


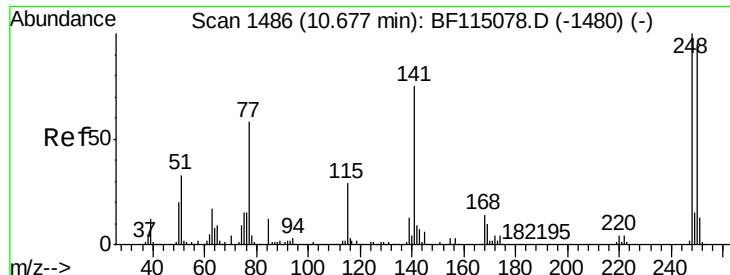
#66
 n-Nitrosodiphenylamine
 Concen: 40.407 ng
 RT: 10.28 min Scan# 1419
 Delta R.T. -0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:169 Resp: 1208325
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.2 81.4
 167 37.2 29.4 44.0



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

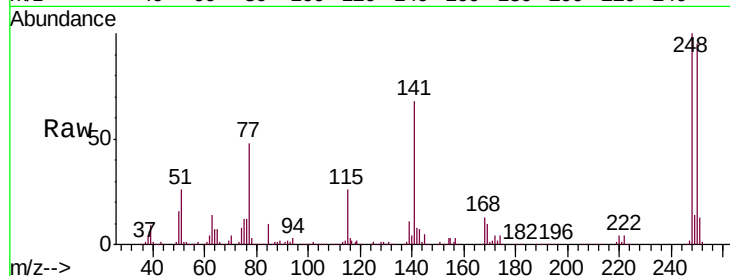




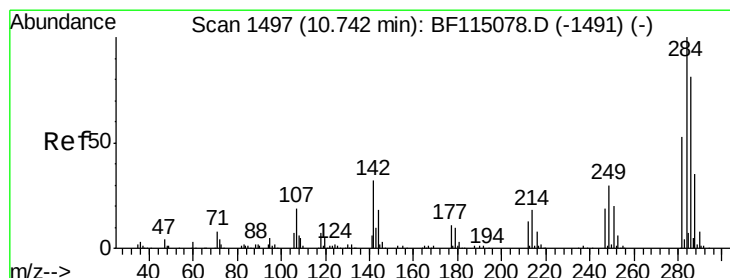
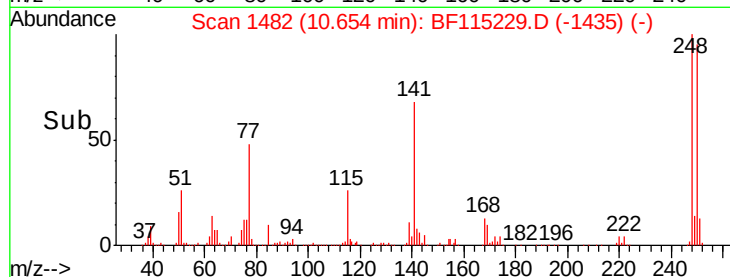
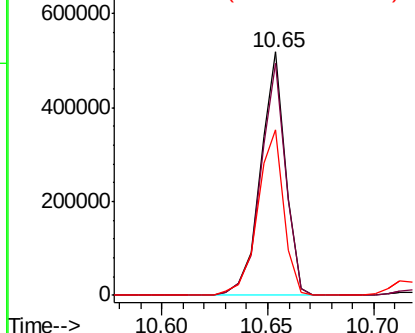
#67
4-Bromophenyl-phenylether
Concen: 40.818 ng
RT: 10.65 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:248 Resp: 424777
Ion Ratio Lower Upper
248 100
250 95.1 76.2 114.2
141 68.0 59.6 89.4

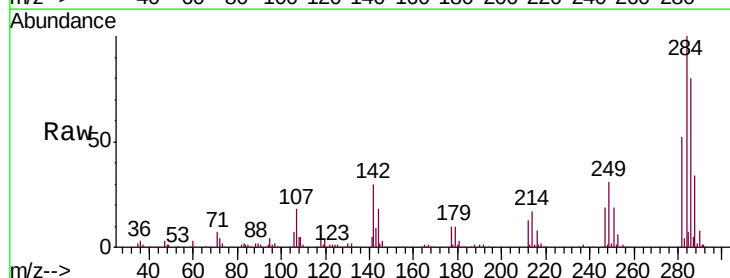


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

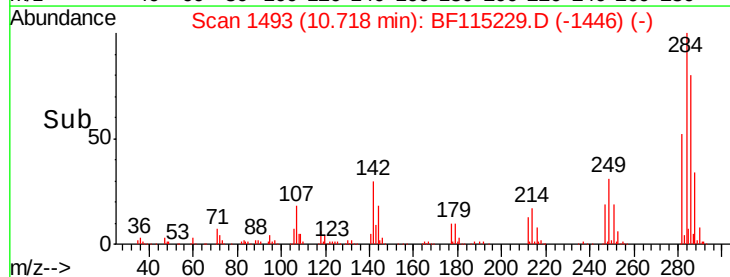
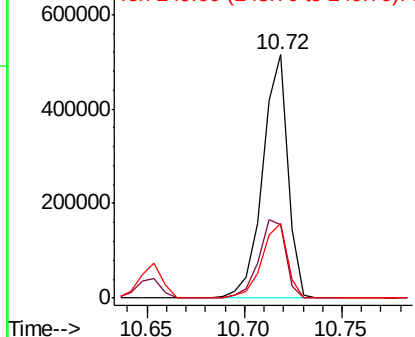


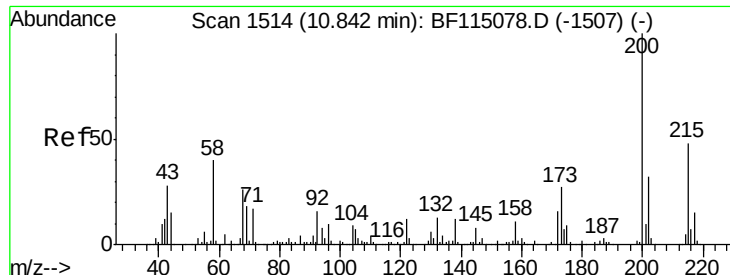
#68
Hexachlorobenzene
Concen: 40.763 ng
RT: 10.72 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:284 Resp: 460452
Ion Ratio Lower Upper
284 100
142 30.1 25.8 38.8
249 30.7 24.2 36.4



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

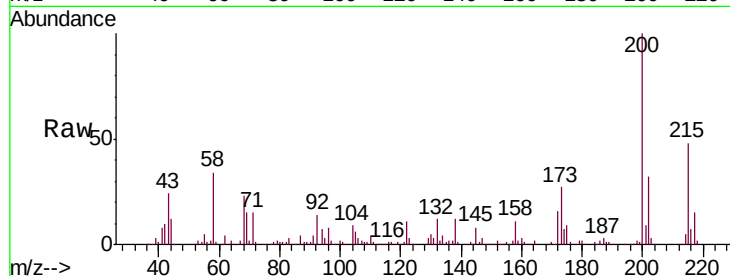




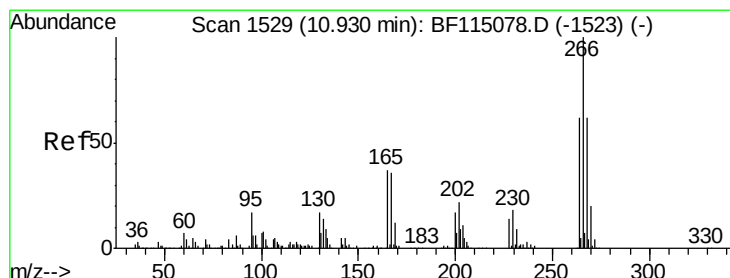
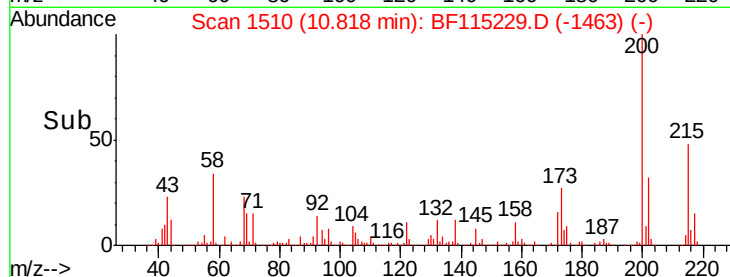
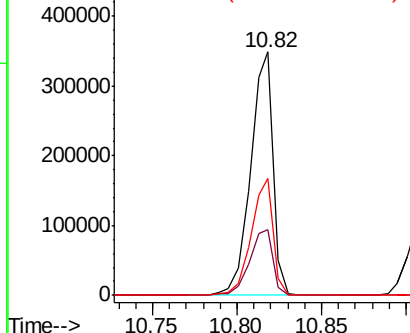
#69
 Atrazine
 Concen: 33.734 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	47.9	27.8	67.8

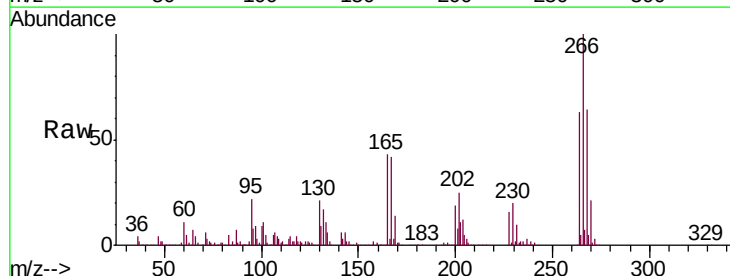


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

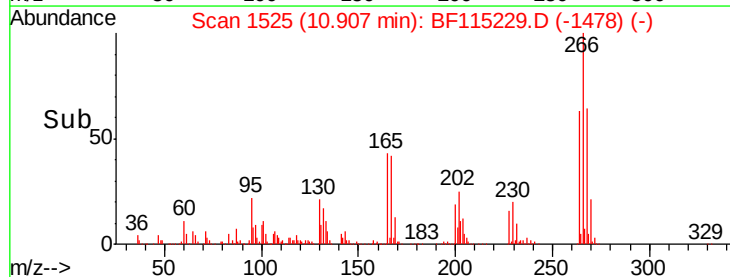
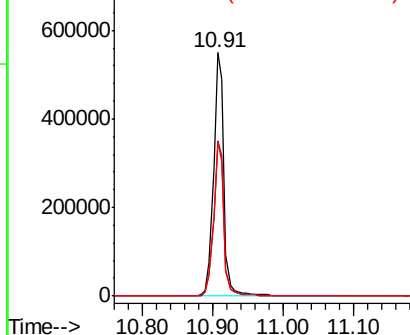


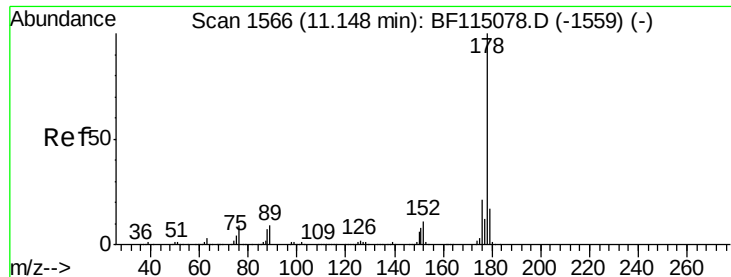
#70
 Pentachlorophenol
 Concen: 79.483 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.5	74.3
264	63.1	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

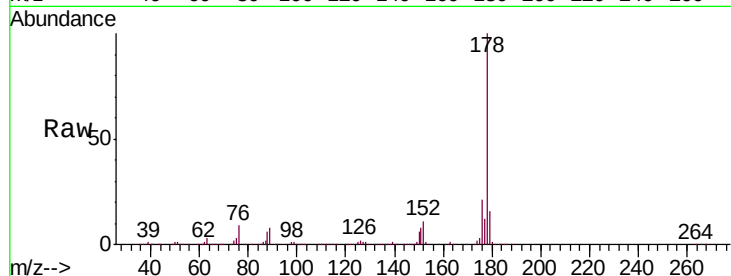




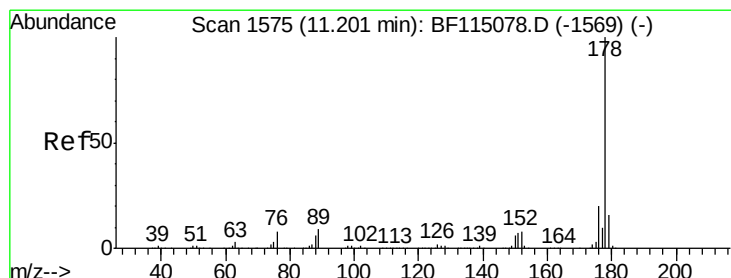
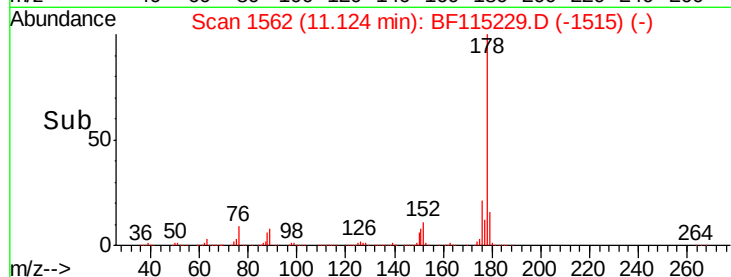
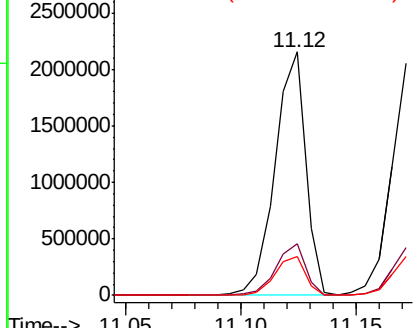
#71
Phenanthrene
Concen: 38.328 ng
RT: 11.12 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:178 Resp: 1980728
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.2 13.2 19.8

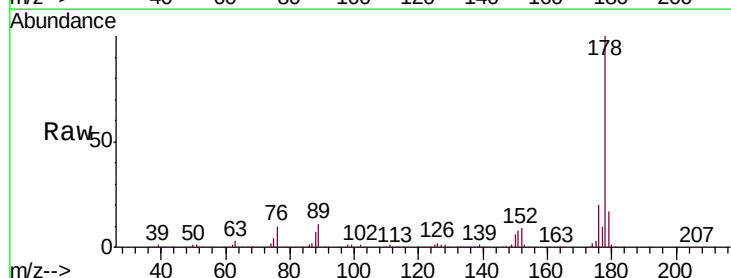


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

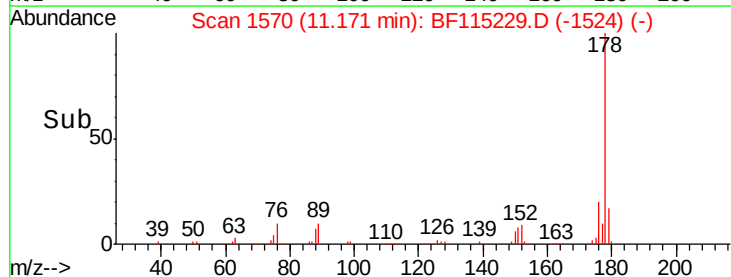
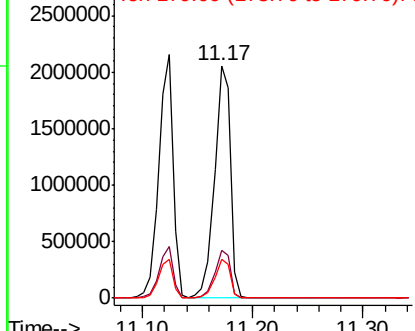


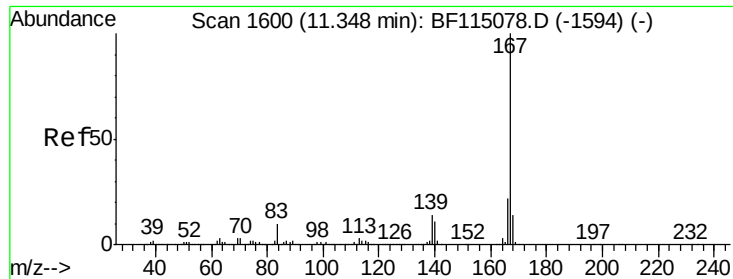
#72
Anthracene
Concen: 38.855 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:178 Resp: 2026904
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.8 12.9 19.3



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

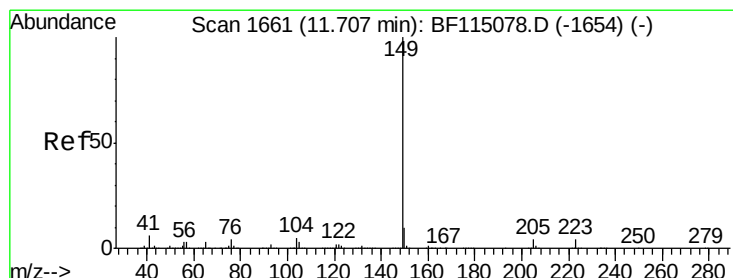
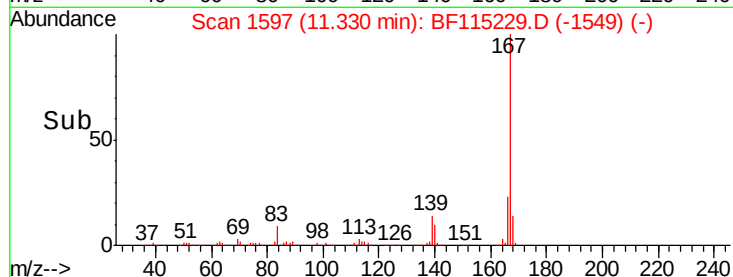
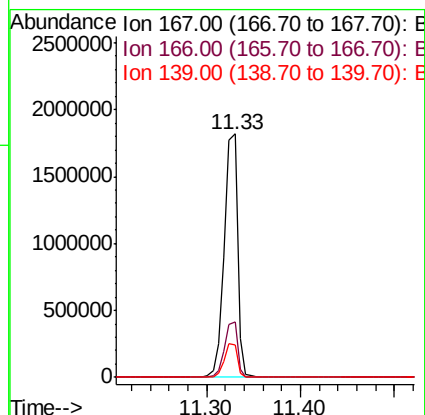
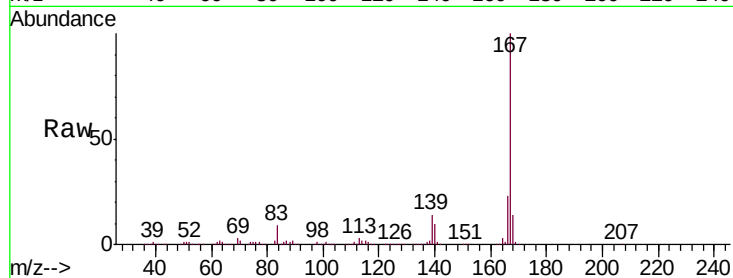




#73
 Carbazole
 Concen: 38.997 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

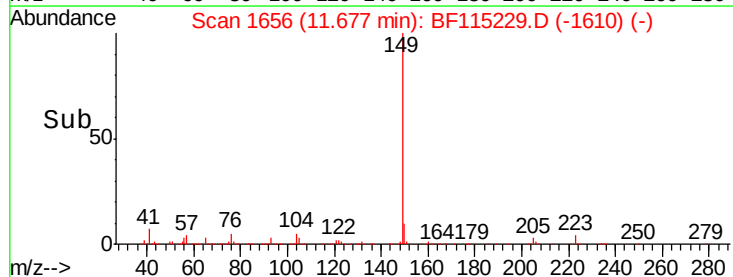
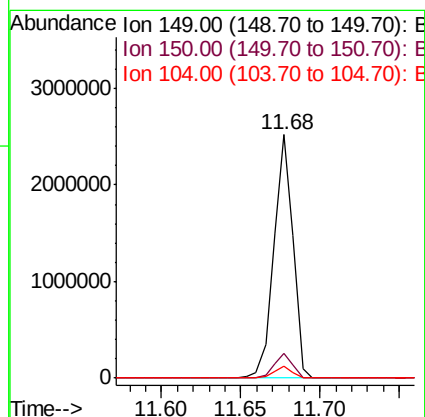
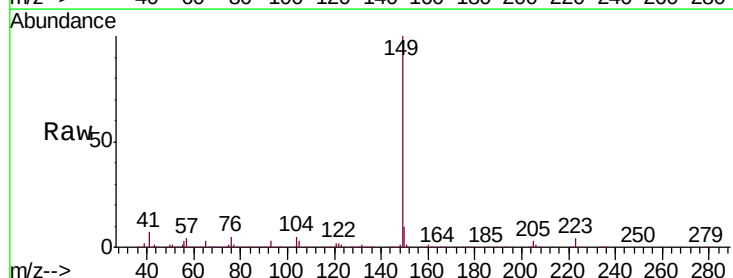
Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

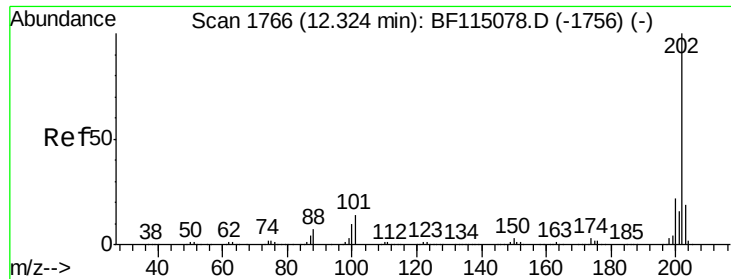
Tgt Ion:167 Resp: 1816594
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 13.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 39.441 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:149 Resp: 2123069
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.8
 104 4.9 3.7 5.5

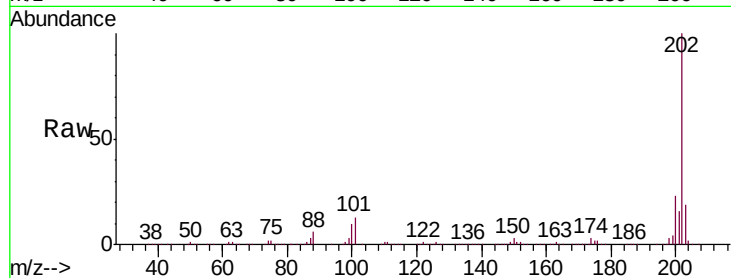




#75
 Fluoranthene
 Concen: 39.129 ng
 RT: 12.30 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.0
203	18.9	0.0	38.8

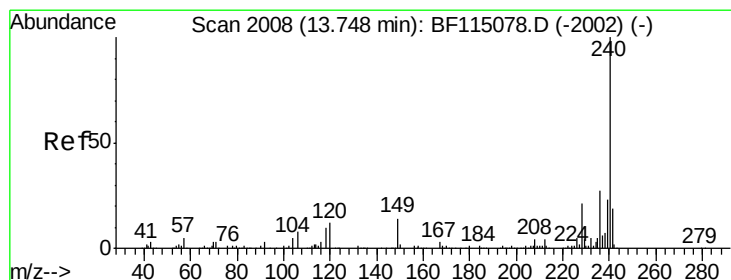
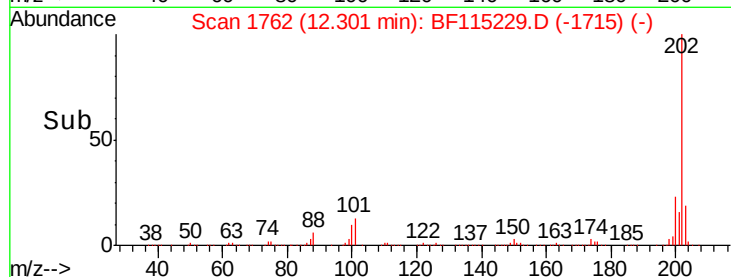
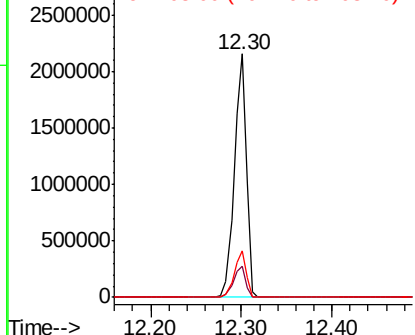


Abundance

Ion 202.00 (201.70 to 202.70): E

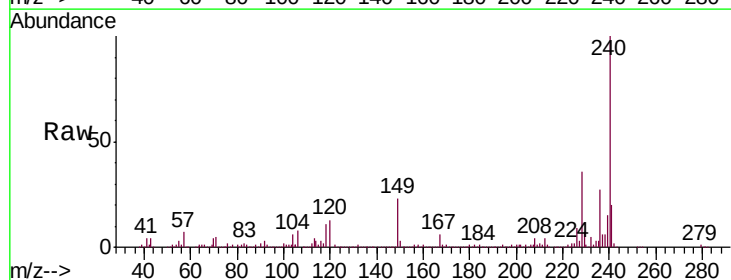
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. -0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.4	14.2
236	26.9	21.7	32.5

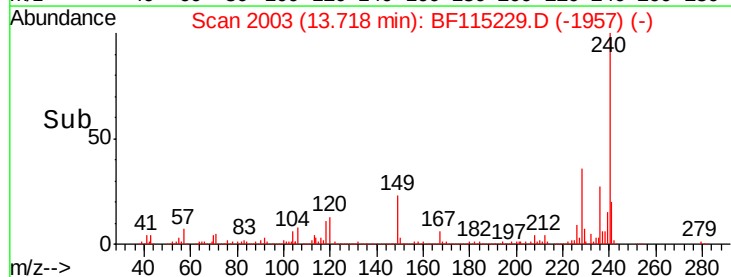
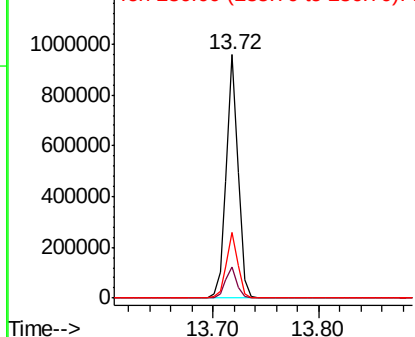


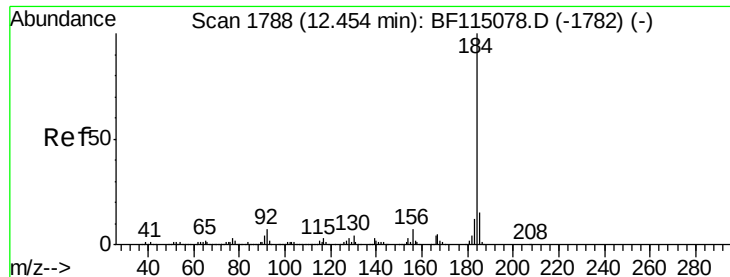
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.268 ng

RT: 12.42 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

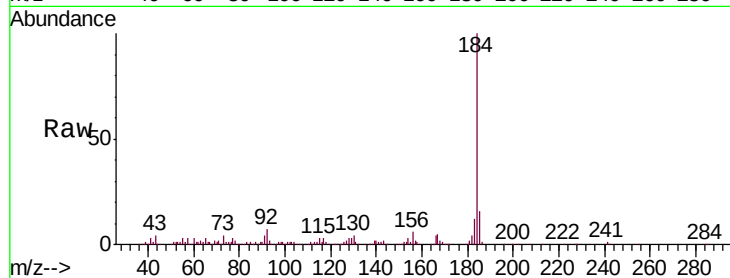
Tgt Ion:184 Resp: 475713

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

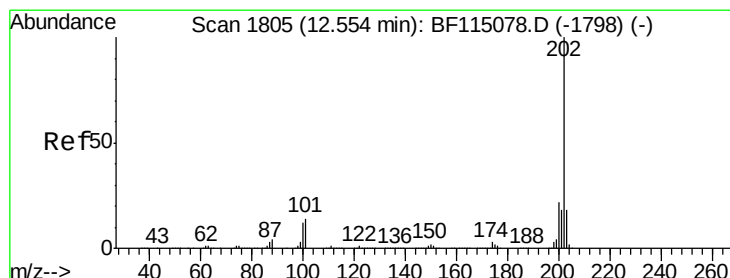
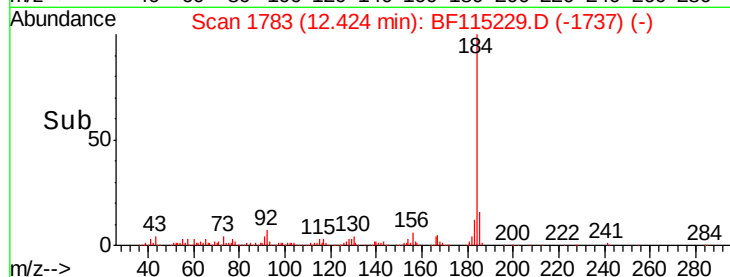
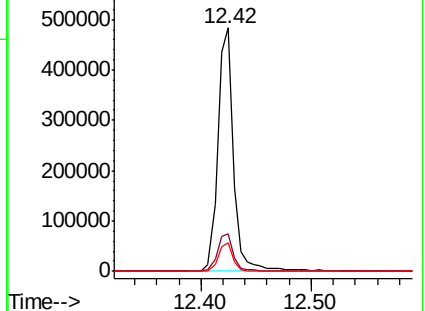
183 11.6 9.6 14.4



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: 35.551 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

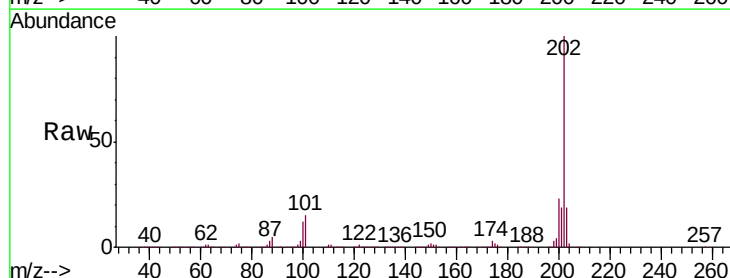
Tgt Ion:202 Resp: 2051462

Ion Ratio Lower Upper

202 100

200 23.2 17.9 26.9

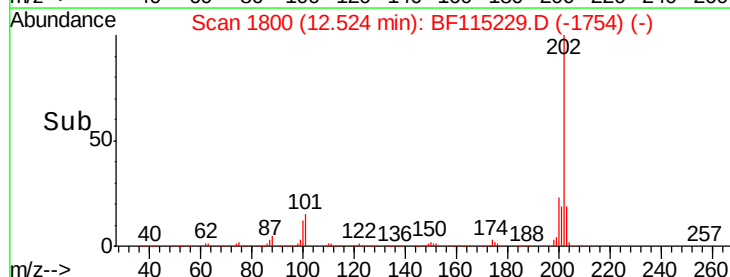
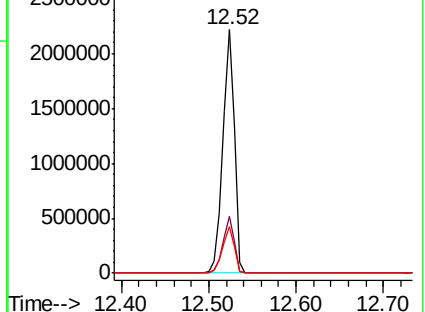
203 19.0 14.6 21.8

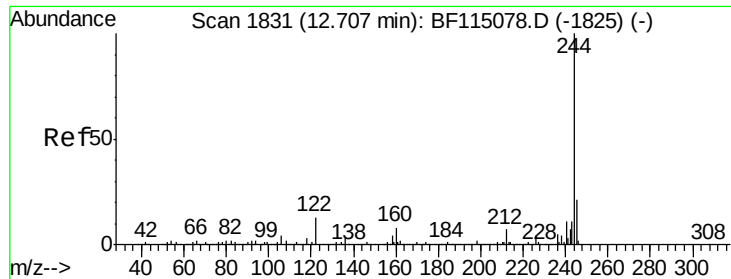


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.237 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

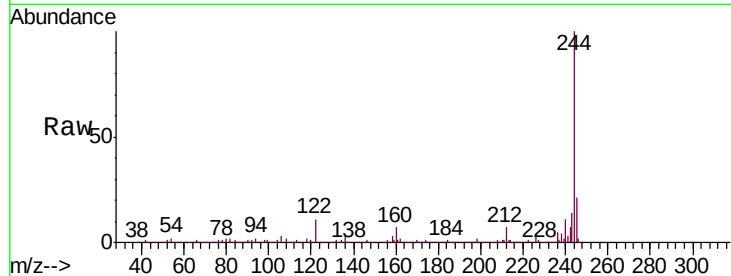
Tgt Ion:244 Resp: 2445174

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

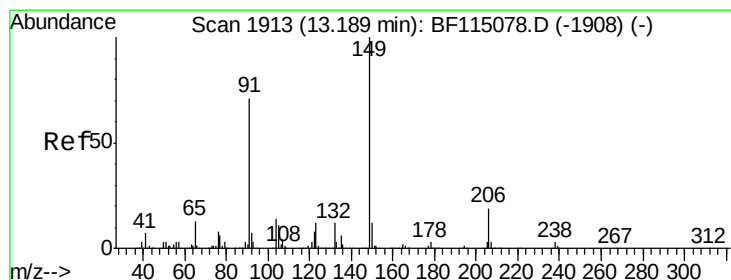
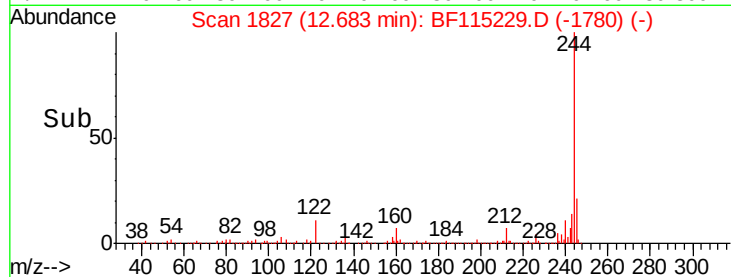
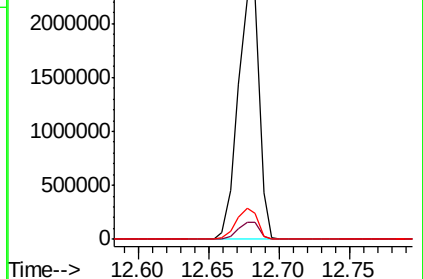
122 10.9 10.4 15.6



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: 37.272 ng

RT: 13.16 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

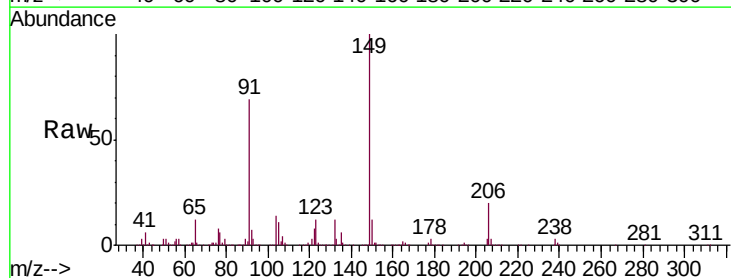
Tgt Ion:149 Resp: 949169

Ion Ratio Lower Upper

149 100

91 69.3 56.5 84.7

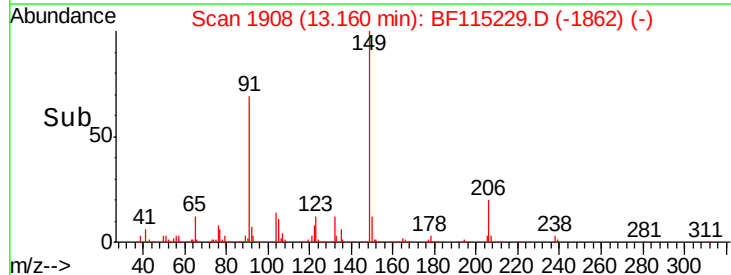
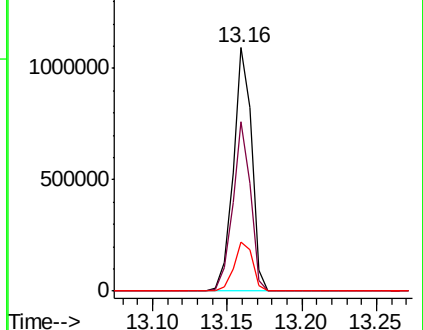
206 20.3 15.3 22.9

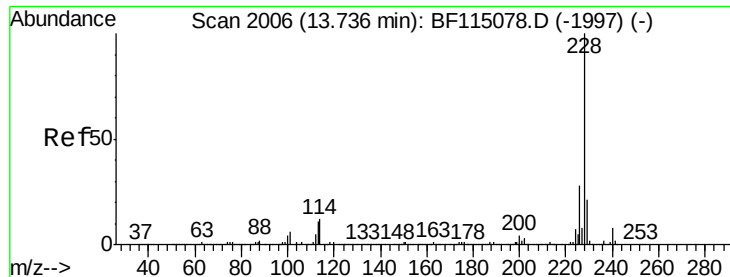


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

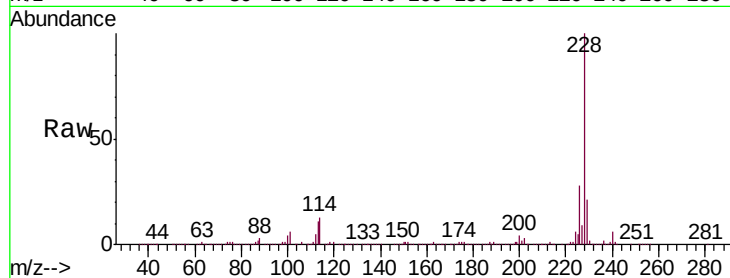




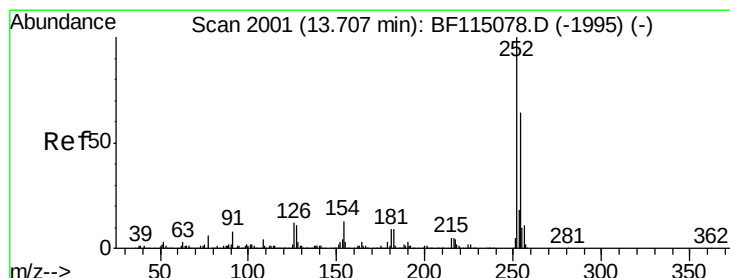
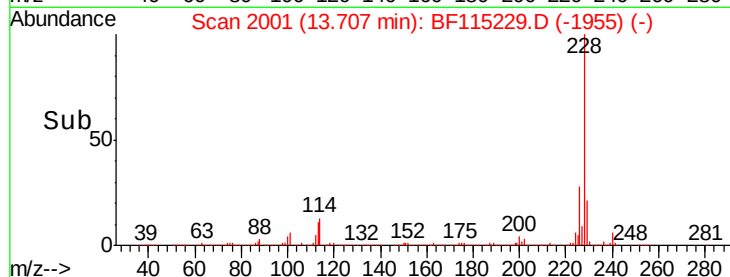
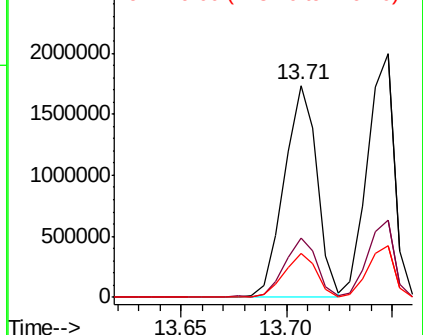
#81
Benzo(a)anthracene
Concen: 34.789 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:228 Resp: 1874376
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.7 16.6 24.8

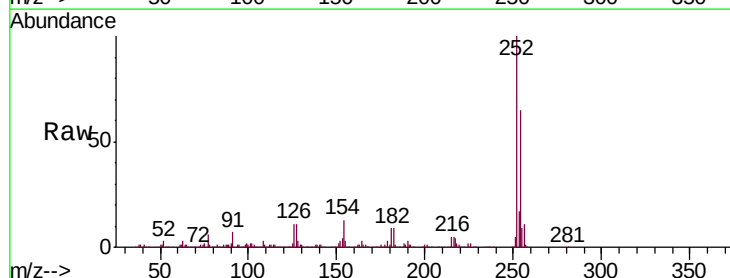


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

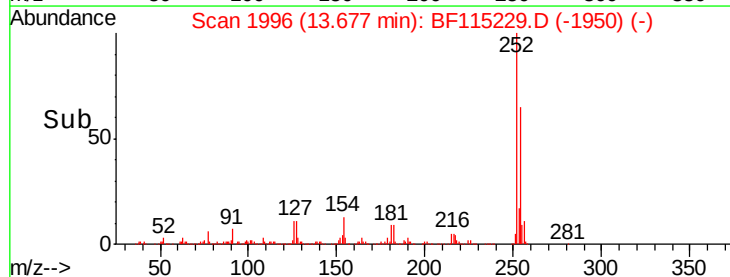
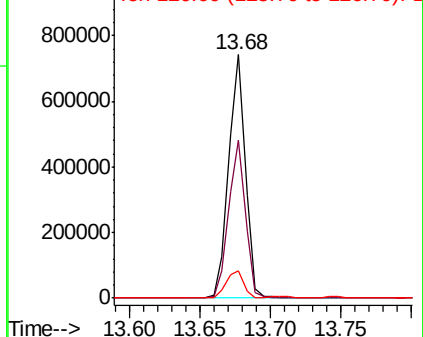


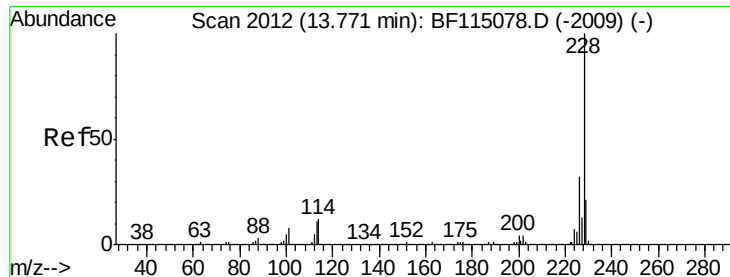
#82
3,3'-Dichlorobenzidine
Concen: 31.672 ng
RT: 13.68 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:252 Resp: 616215
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 11.5 9.4 14.0



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





#83

Chrysene

Concen: 35.986 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

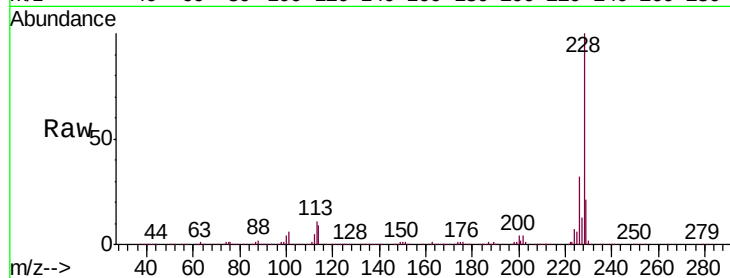
Tgt Ion:228 Resp: 1776030

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

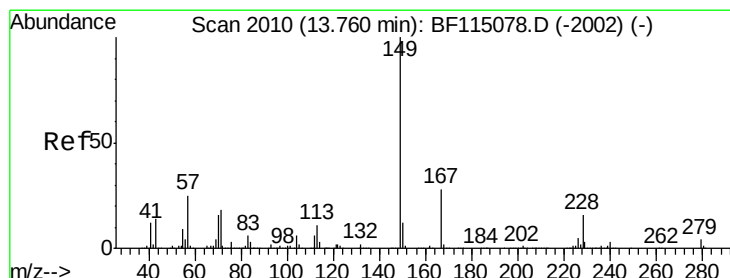
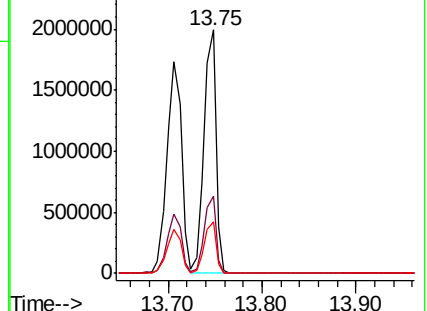
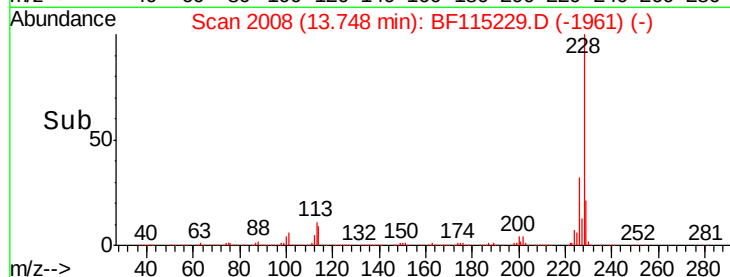
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.970 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

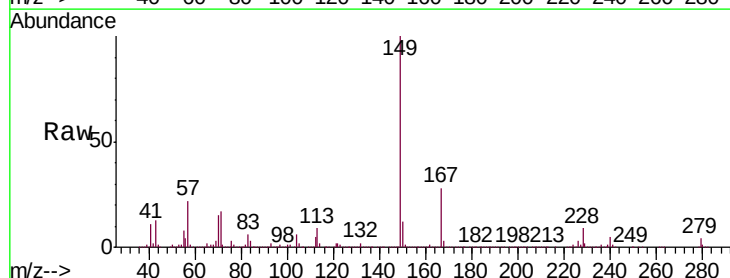
Tgt Ion:149 Resp: 1233641

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

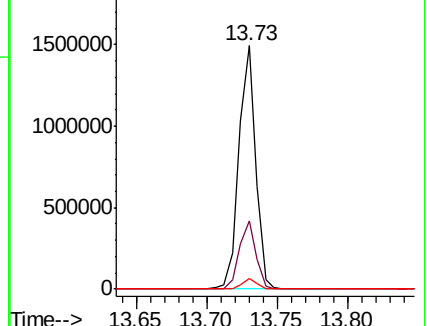
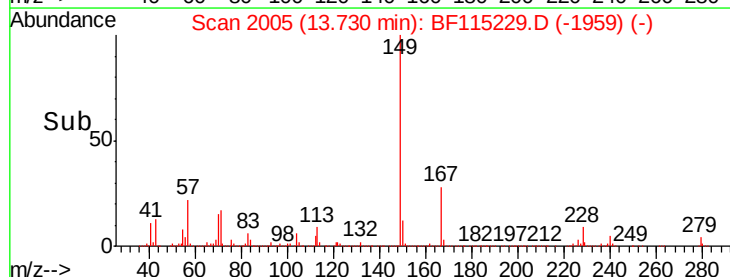
279 4.2 2.9 4.3

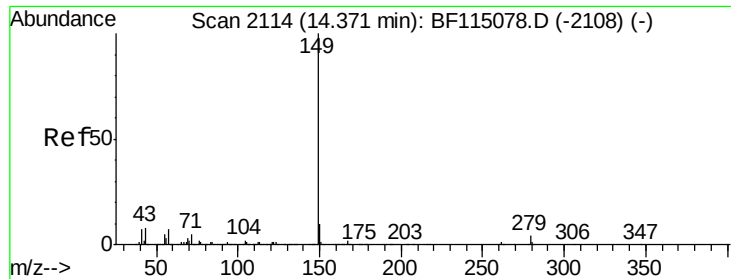


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.905 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

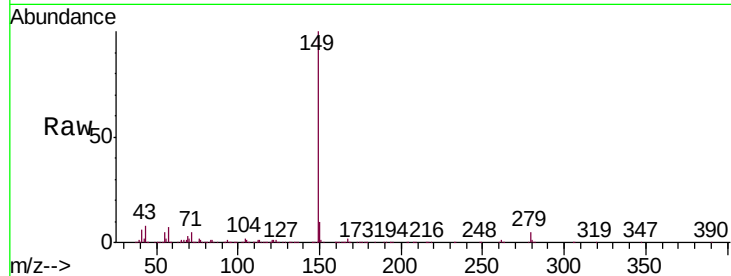
Tgt Ion:149 Resp: 2125122

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

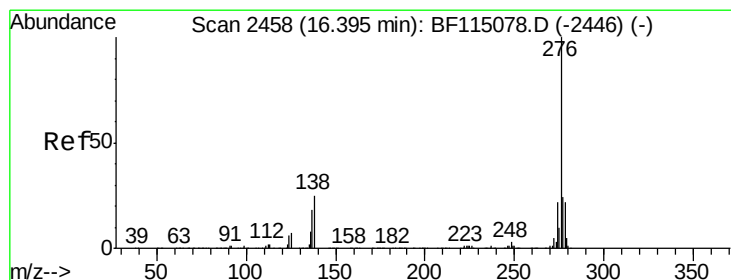
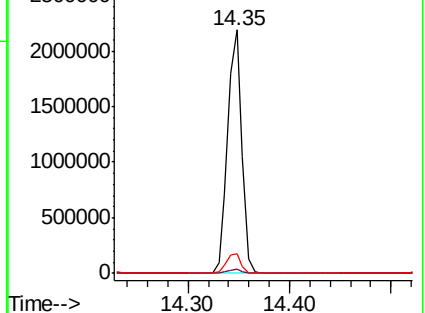
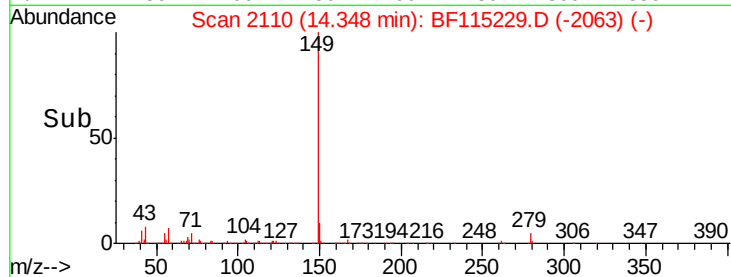
43 8.4 7.0 10.6



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: 38.475 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

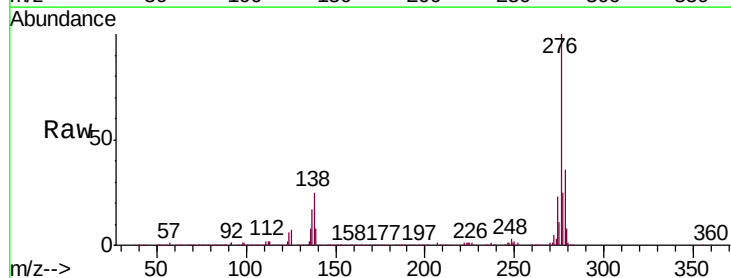
Tgt Ion:276 Resp: 2246913

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

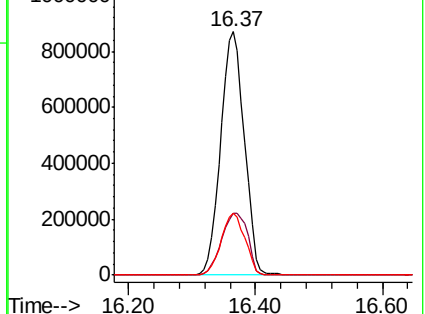
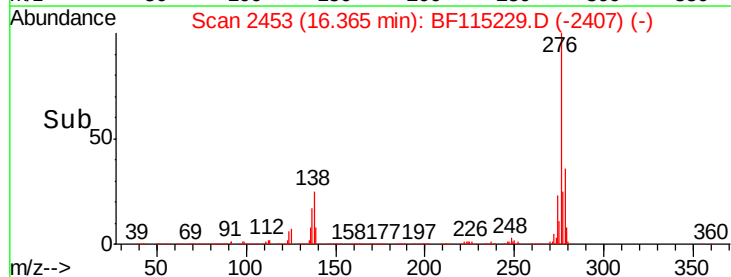
277 25.6 20.1 30.1

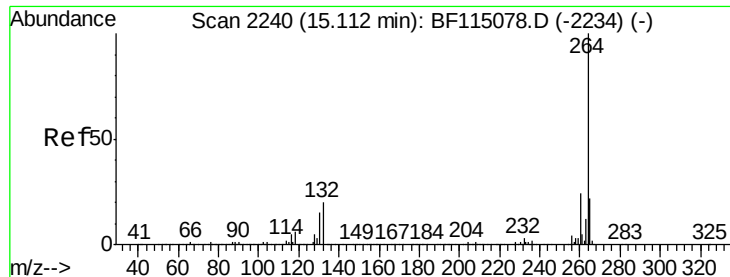


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



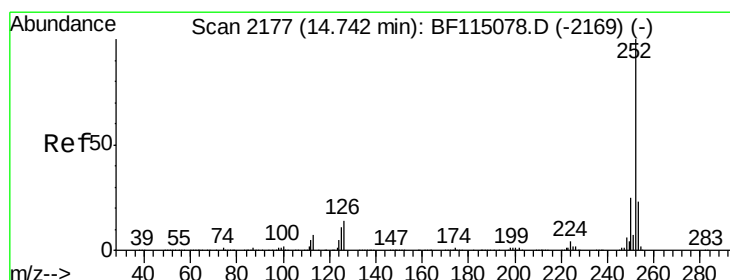
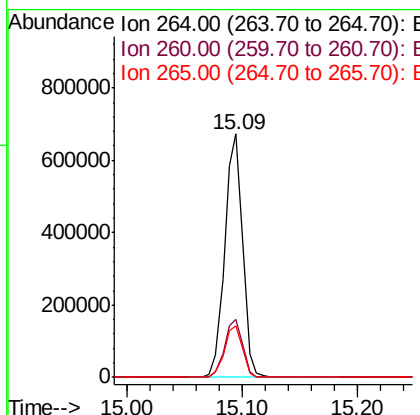
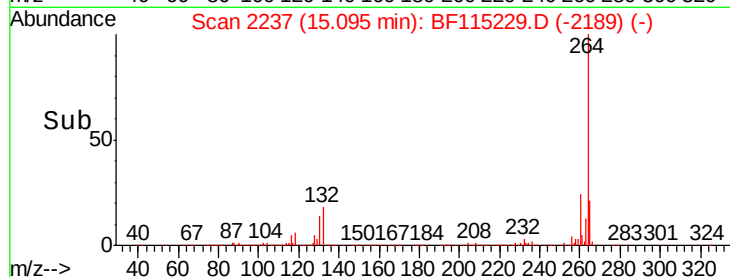
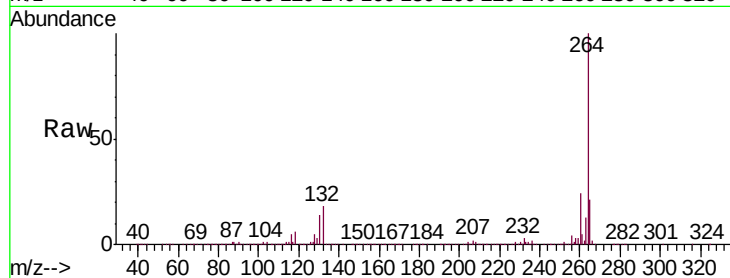


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion: 264 Resp: 716758

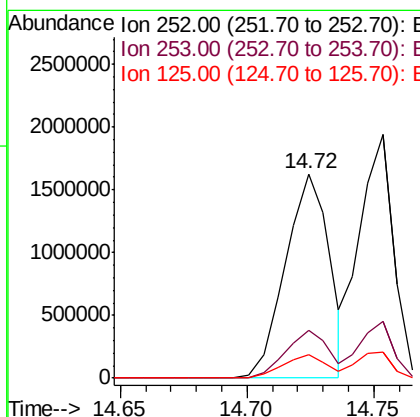
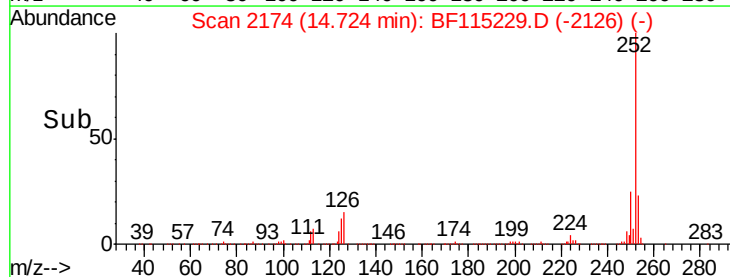
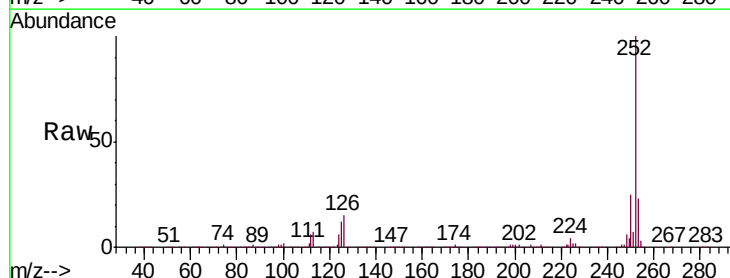
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.3	17.3	25.9

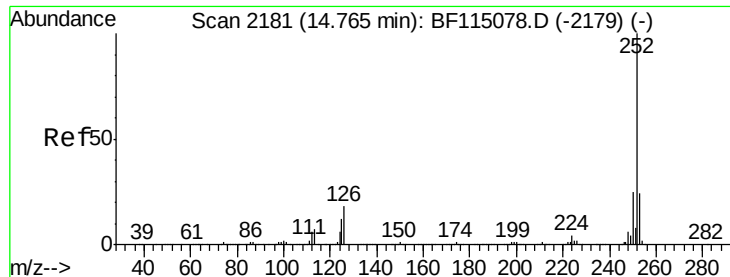


#88
Benzo(b)fluoranthene
Concen: 43.980 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion: 252 Resp: 1966962

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.6	8.7	13.1

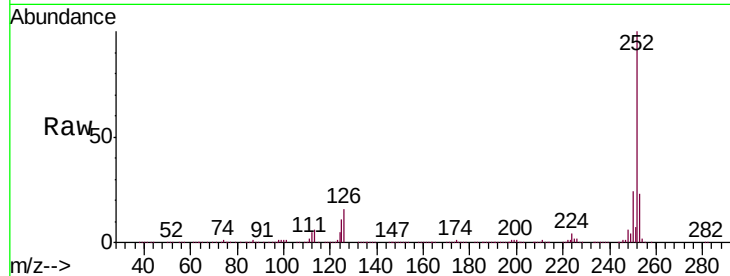




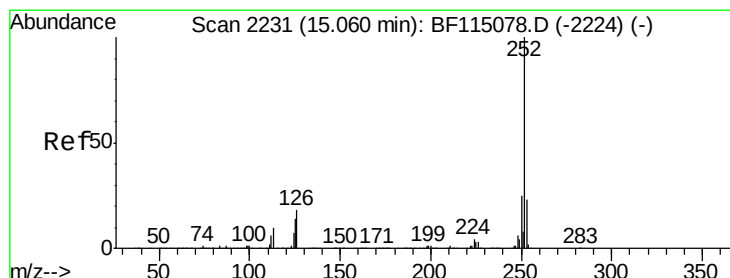
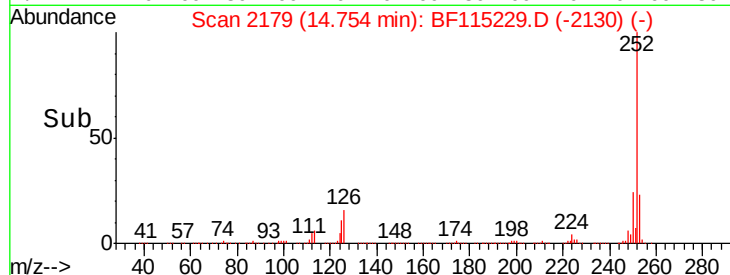
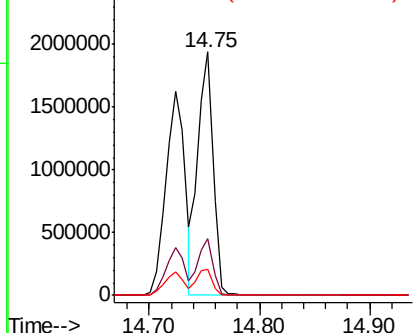
#89
Benzo(k)fluoranthene
Concen: 45.525 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tgt Ion:252 Resp: 1825898
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 10.7 10.2 15.2

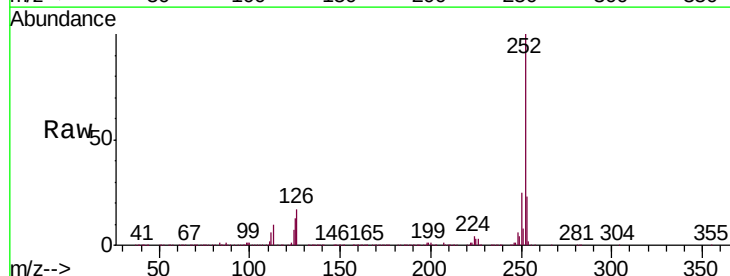


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

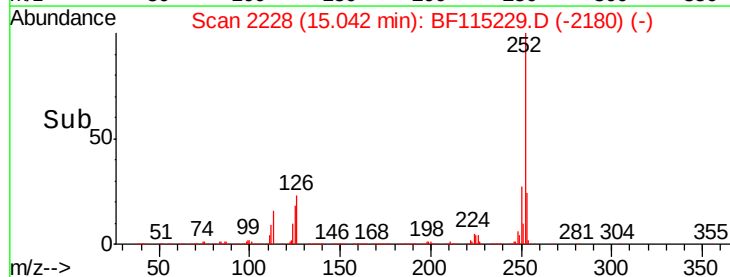
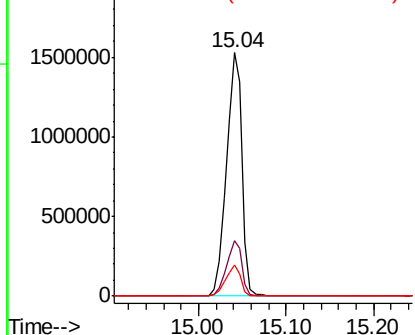


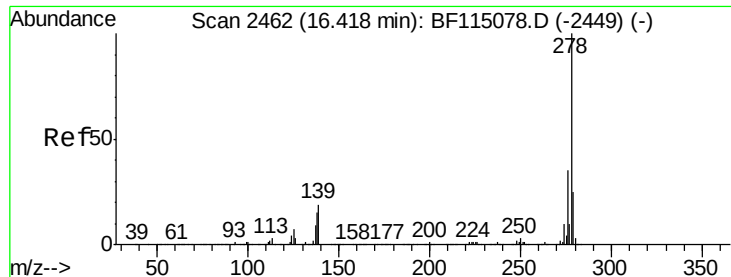
#90
Benzo(a)pyrene
Concen: 46.445 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:252 Resp: 1872219
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 12.9 10.9 16.3



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





#91

Dibenzo(a,h)anthracene

Concen: 49.209 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.04 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

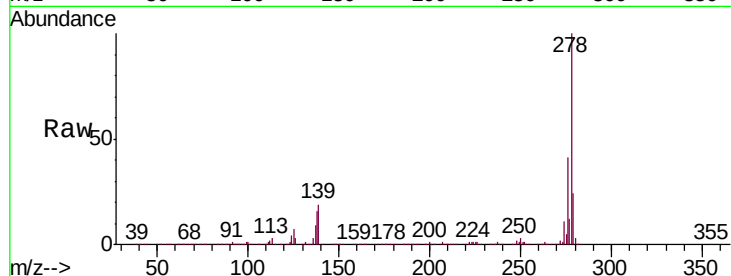
Tgt Ion:278 Resp: 1851846

Ion Ratio Lower Upper

278 100

139 18.6 15.4 23.2

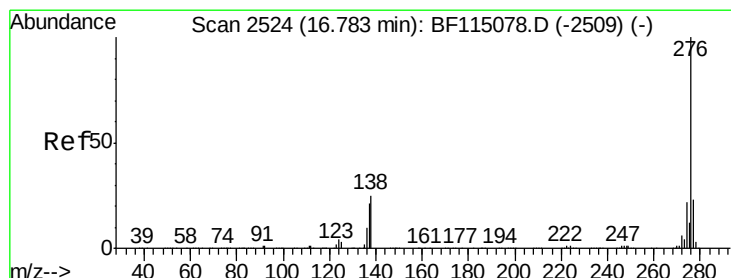
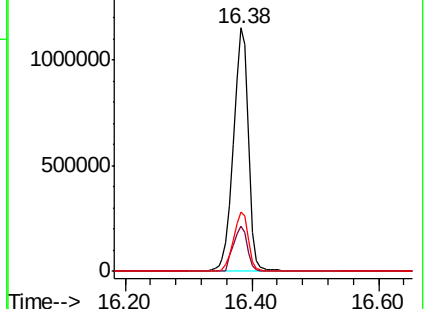
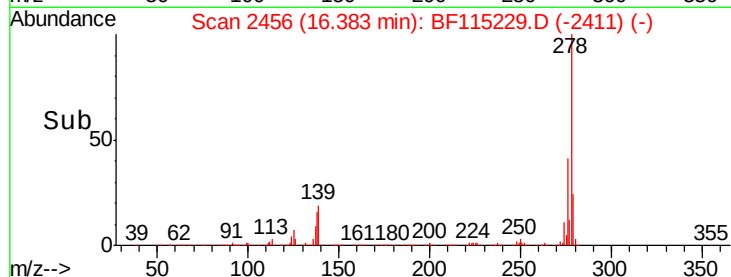
279 24.4 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.724 ng

RT: 16.75 min Scan# 2518

Delta R.T. -0.04 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

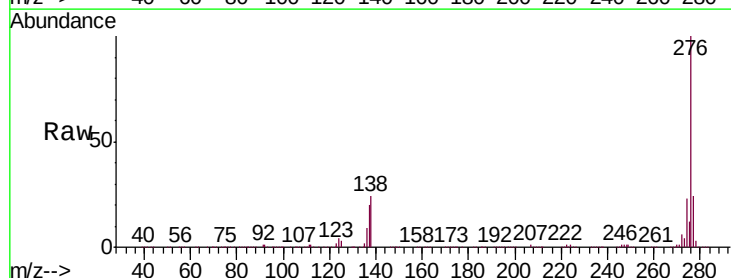
Tgt Ion:276 Resp: 1931955

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 24.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

