

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114228.D
 Acq On : 13 May 2019 14:57
 Operator : JU/SJ
 Sample : K2767-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Quant Time: May 14 04:44:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	312012	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1203157	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	567428	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1009835	20.00	ng	0.02
76) Chrysene-d12	14.04	240	479460	20.00	ng	0.02
87) Perylene-d12	15.54	264	678767	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1473282	75.99	ng	0.02
7) Phenol-d6	6.51	99	1966861	85.77	ng	0.02
23) Nitrobenzene-d5	7.42	82	1268957	59.19	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	432808	73.78	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1993202	53.14	ng	0.00
79) Terphenyl-d14	12.97	244	1601661	68.86	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	237800	22.314	ng	97
3) Pyridine	3.42	79	426864	14.538	ng	95
4) n-Nitrosodimethylamine	3.34	42	342480	24.188	ng	91
6) Aniline	6.52	93	98726	2.980	ng	# 1
8) 2-Chlorophenol	6.65	128	599931	28.985	ng	96
9) Benzaldehyde	6.40	77	253337	15.781	ng	99
10) Phenol	6.52	94	718980	26.653	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	627121	30.622	ng	97
12) 1,3-Dichlorobenzene	6.80	146	606373	26.099	ng	98
13) 1,4-Dichlorobenzene	6.87	146	605033	25.842	ng	98
14) 1,2-Dichlorobenzene	7.03	146	574566	26.862	ng	98
15) Benzyl Alcohol	7.00	79	516010	28.851	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1126468	28.368	ng	85
17) 2-Methylphenol	7.12	107	432755	25.452	ng	# 92
18) Hexachloroethane	7.37	117	207734	23.638	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	437062	30.070	ng	99
20) 3+4-Methylphenols	7.27	107	576548	29.349	ng	# 59
22) Acetophenone	7.26	105	841814	31.583	ng	# 89
24) Nitrobenzene	7.44	77	670802	30.720	ng	96
25) Isophorone	7.68	82	1215638	30.574	ng	98
26) 2-Nitrophenol	7.76	139	337505	31.858	ng	97
27) 2,4-Dimethylphenol	7.80	122	408398	24.545	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	799531	30.992	ng	99
29) 2,4-Dichlorophenol	8.00	162	497750	30.043	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	515653	27.370	ng	98
31) Naphthalene	8.16	128	2329795	41.454	ng	99
32) Benzoic acid	7.92	122	271864	26.584	ng	98
33) 4-Chloroaniline	8.21	127	103558	4.044	ng	98
34) Hexachlorobutadiene	8.27	225	270852	25.267	ng	97
35) Caprolactam	8.58	113	150875	27.927	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	512059	30.704	ng	96
37) 2-Methylnaphthalene	8.85	142	1398375	38.564	ng	99
38) 1-Methylnaphthalene	8.95	142	1240072	36.315	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	498722	29.015	ng	99

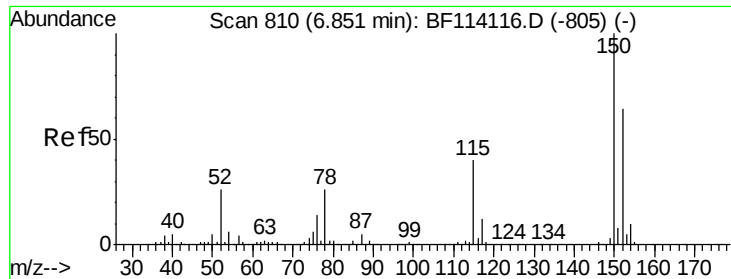
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114228.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	71244	12.740	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	346661	29.321	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	361475	29.813	ng	98
46) 1,1'-Biphenyl	9.32	154	1438693	31.385	ng	99
47) 2-Chloronaphthalene	9.34	162	1007220	27.302	ng	99
48) 2-Nitroaniline	9.44	65	361449	27.626	ng	96
49) Acenaphthylene	9.76	152	2927955	52.182	ng	99
50) Dimethylphthalate	9.61	163	1511020	36.275	ng	100
51) 2,6-Dinitrotoluene	9.68	165	273606	29.614	ng	91
52) Acenaphthene	9.93	154	937629	27.231	ng	99
53) 3-Nitroaniline	9.85	138	103405	9.016	ng	99
54) 2,4-Dinitrophenol	9.96	184	128545	32.082	ng	98
55) Dibenzofuran	10.10	168	1380839	27.349	ng	97
56) 4-Nitrophenol	10.03	139	359828	44.365	ng	96
57) 2,4-Dinitrotoluene	10.09	165	355430	28.344	ng	90
58) Fluorene	10.45	166	1401402	35.935	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	261218	24.969	ng	94
60) Diethylphthalate	10.31	149	1206357	28.503	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	528863	27.611	ng	97
62) 4-Nitroaniline	10.46	138	162403	13.476	ng	96
63) Azobenzene	10.59	77	1115495	27.229	ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	96191	19.823	ng	81
66) n-Nitrosodiphenylamine	10.55	169	972663	31.736	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	327723	29.475	ng	97
68) Hexachlorobenzene	11.00	284	336916	27.391	ng	# 91
69) Atrazine	11.09	200	307927	32.285	ng	97
70) Pentachlorophenol	11.20	266	297700	51.056	ng	99
71) Phenanthrene	11.42	178	6324145	128.723	ng	95
72) Anthracene	11.46	178	2086258	42.278	ng	99
73) Carbazole	11.62	167	1301359	27.655	ng	99
74) Di-n-butylphthalate	11.94	149	1785182	32.929	ng	98
75) Fluoranthene	12.62	202	6233583	117.823	ng	94
78) Pyrene	12.86	202	8968851	232.533	ng	92
80) Butylbenzylphthalate	13.44	149	664642	40.940	ng	100
81) Benzo(a)anthracene	14.03	228	4469755	144.133	ng	# 82
83) Chrysene	14.08	228	4485979	147.566	ng	95
84) Bis(2-ethylhexyl)phthalate	14.00	149	1027284	48.382	ng	99
85) Di-n-octyl phthalate	14.63	149	1529062	44.424	ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	2407083	89.593	ng	98
88) Benzo(b)fluoranthene	15.12	252	7202407	165.627	ng	# 96
89) Benzo(k)fluoranthene	15.12	252	7202407	180.304	ng	97
90) Benzo(a)pyrene	15.49	252	4235649	110.675	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	1105366	34.758	ng	98
92) Benzo(g,h,i)perylene	17.50	276	2677022	83.999	ng	98

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

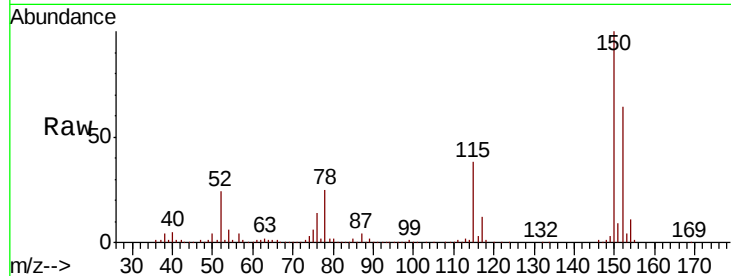


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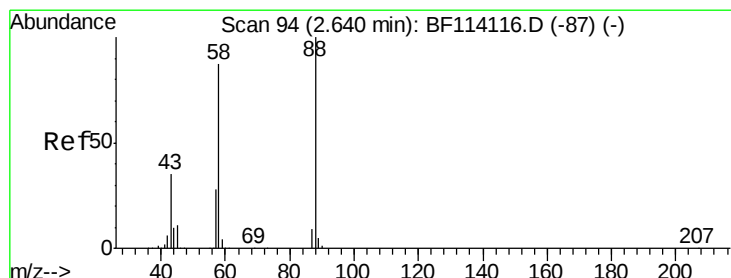
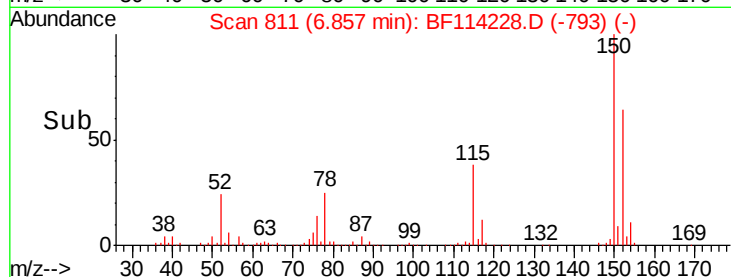
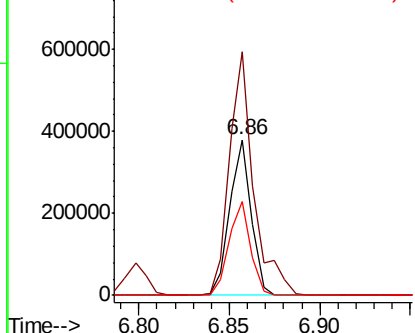
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion: 152 Resp: 312012
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 60.1 49.1 73.7



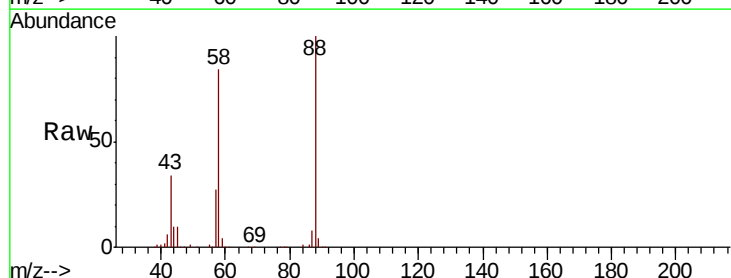
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



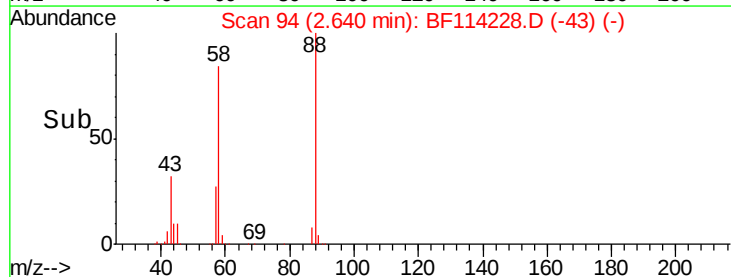
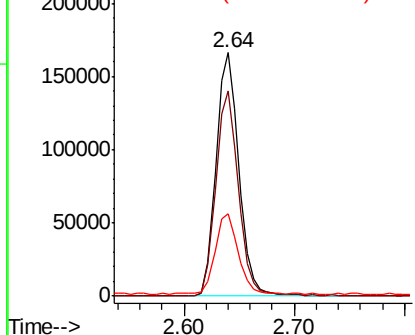
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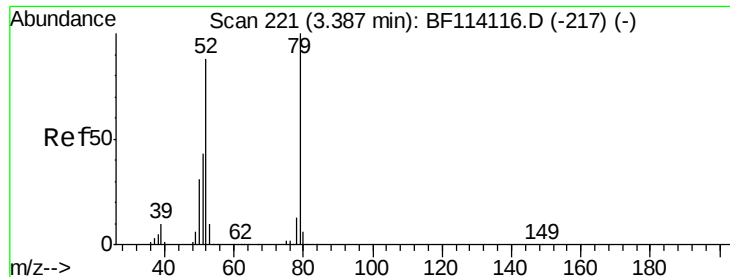
1,4-Dioxane
Concen: 22.314 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion: 88 Resp: 237800
Ion Ratio Lower Upper
88 100
58 83.5 68.7 103.1
43 33.8 28.2 42.2



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: 14.538 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

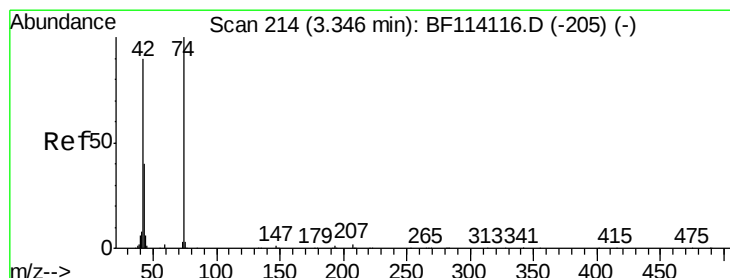
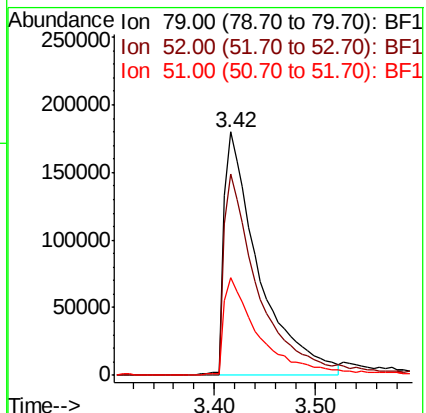
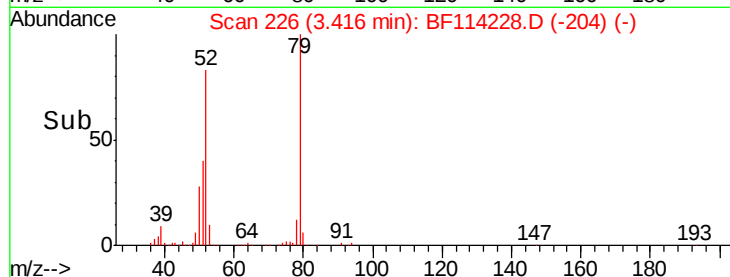
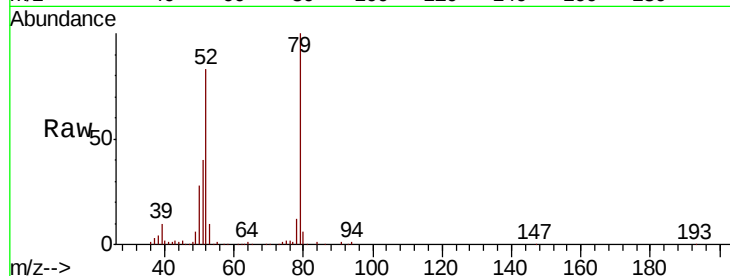
Tgt Ion: 79 Resp: 426864

Ion Ratio Lower Upper

79 100

52 82.6 70.6 105.8

51 39.9 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 24.188 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

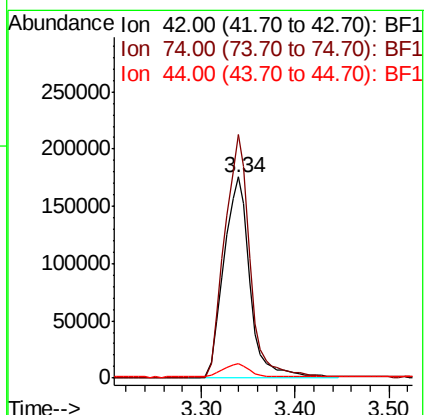
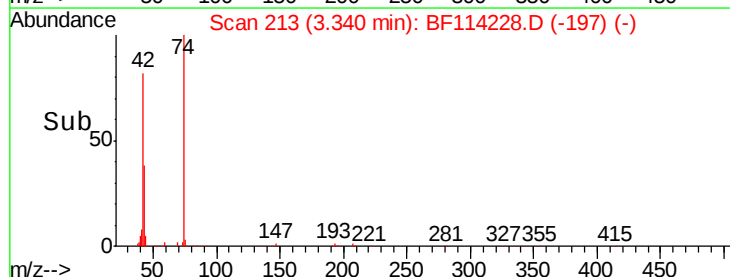
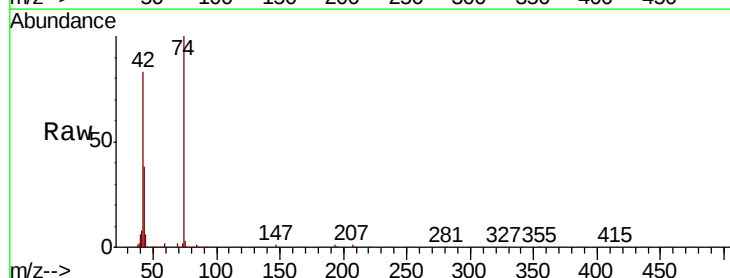
Tgt Ion: 42 Resp: 342480

Ion Ratio Lower Upper

42 100

74 121.0 88.6 132.8

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 75.987 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

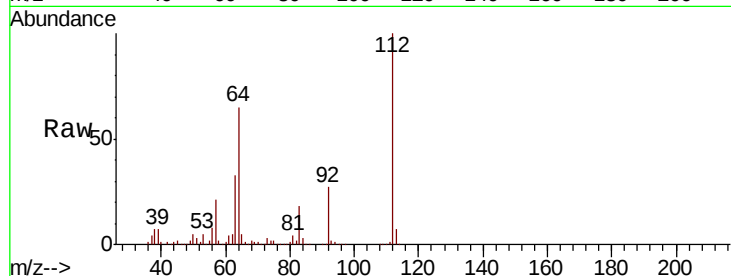
Tgt Ion: 112 Resp: 1473282

Ion Ratio Lower Upper

112 100

64 64.7 49.0 73.6

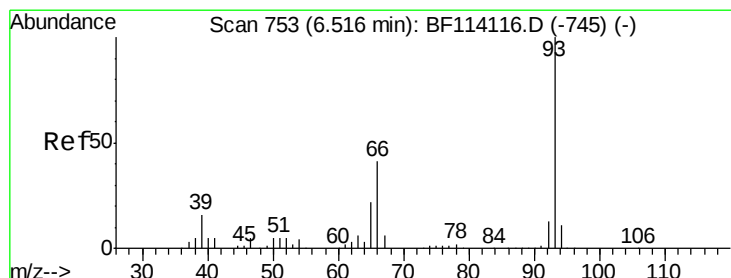
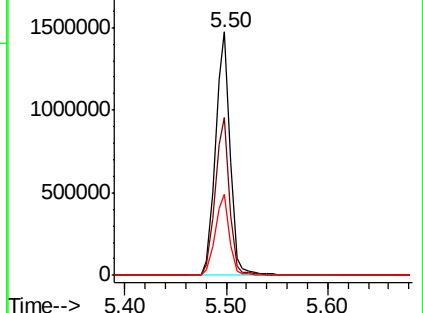
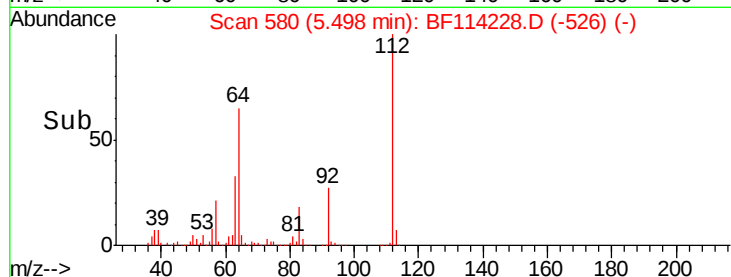
63 33.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.980 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

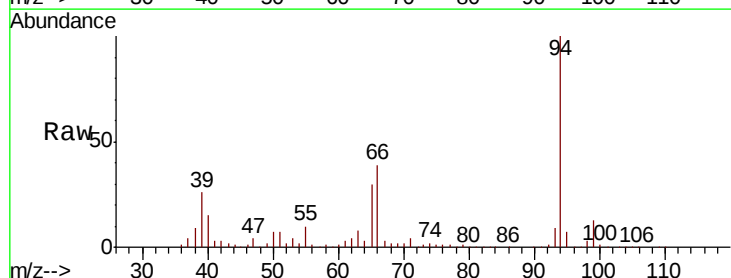
Tgt Ion: 93 Resp: 98726

Ion Ratio Lower Upper

93 100

66 432.8 33.2 49.8#

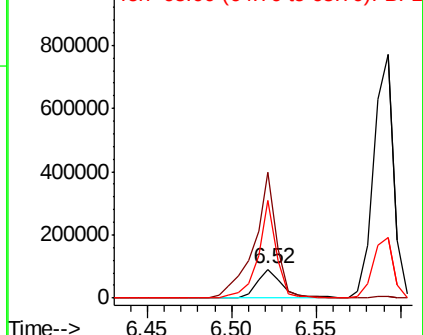
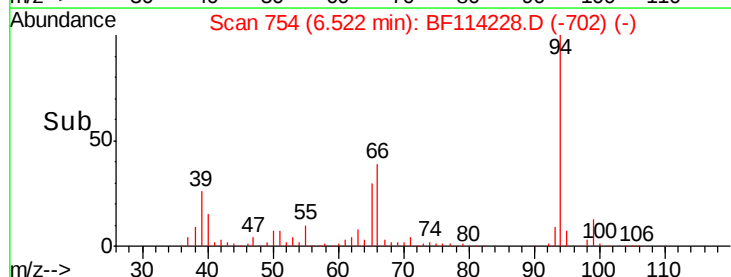
65 335.3 17.6 26.4#



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: 85.771 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

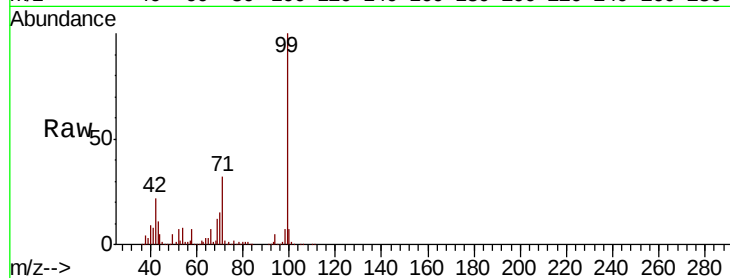
Tgt Ion: 99 Resp: 1966861

Ion Ratio Lower Upper

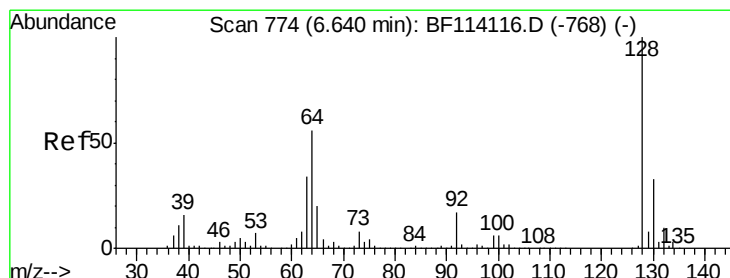
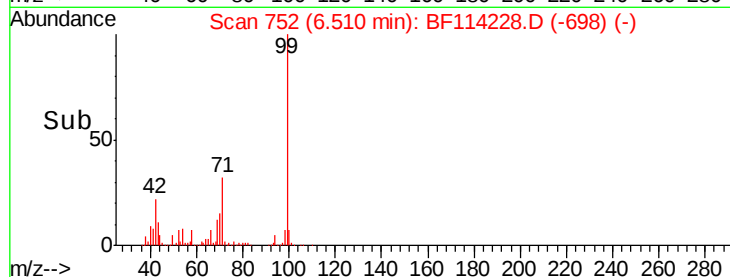
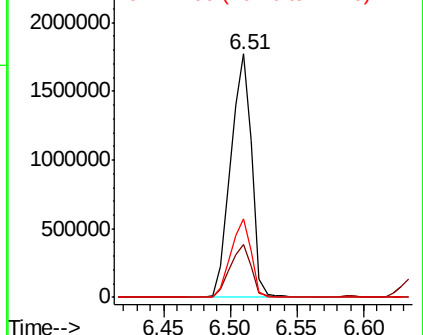
99 100

42 21.9 17.9 26.9

71 32.2 26.2 39.2



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



#8

2-Chlorophenol

Concen: 28.985 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

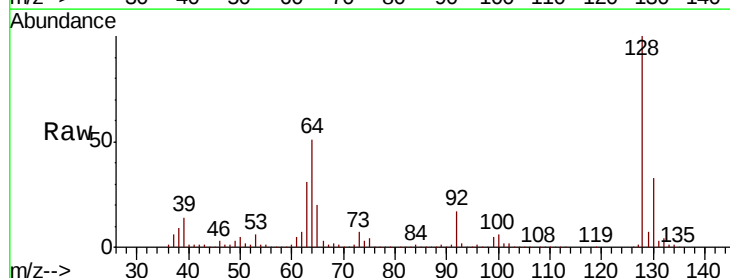
Tgt Ion: 128 Resp: 599931

Ion Ratio Lower Upper

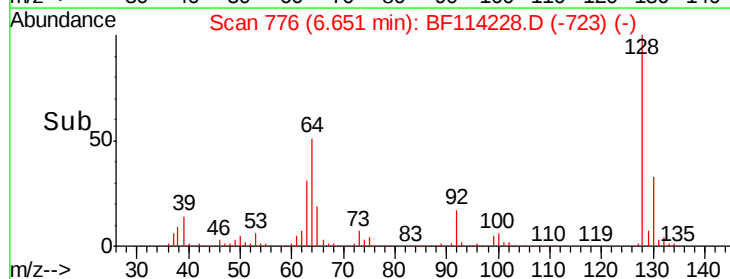
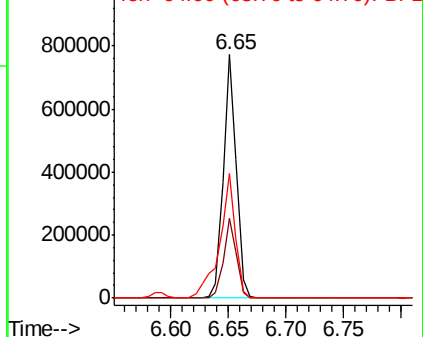
128 100

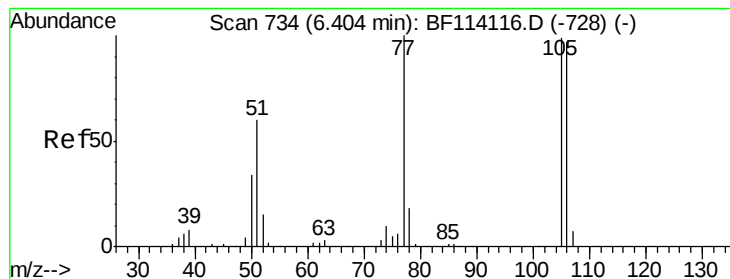
130 32.7 12.6 52.6

64 51.3 35.9 75.9



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





#9

Benzaldehyde

Concen: 15.781 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

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P026-SS012-0002-01MSD

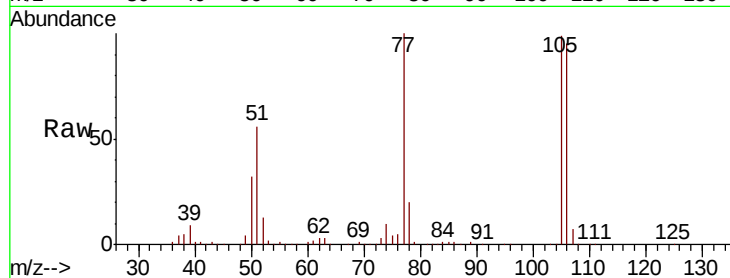
Tgt Ion: 77 Resp: 253337

Ion Ratio Lower Upper

77 100

105 99.1 79.3 119.3

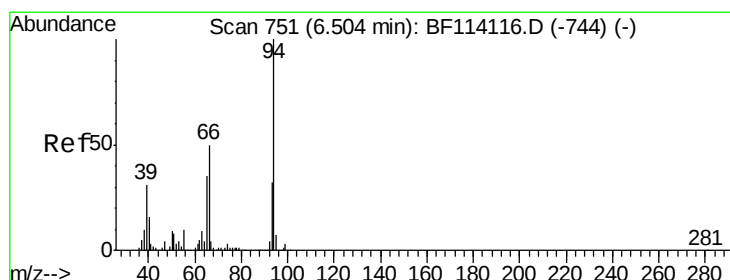
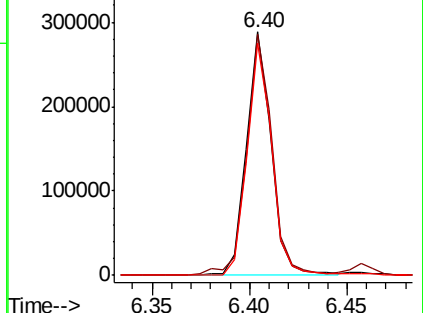
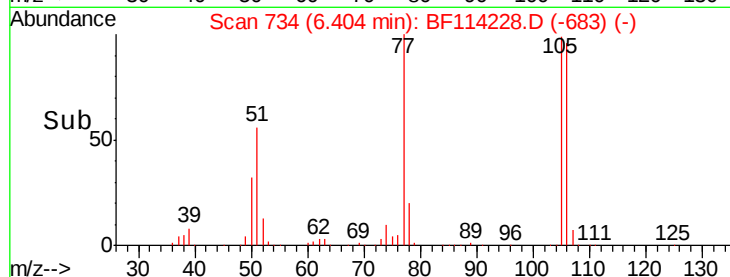
106 95.5 77.0 117.0



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: 26.653 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

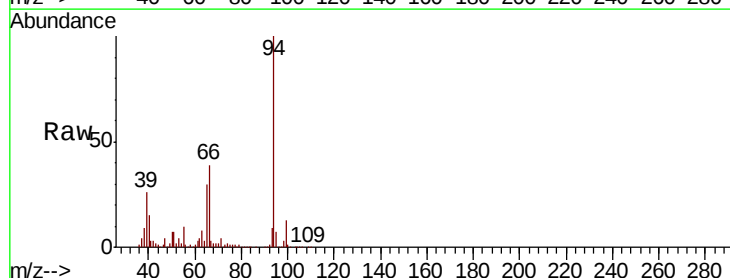
Tgt Ion: 94 Resp: 718980

Ion Ratio Lower Upper

94 100

65 30.3 14.7 54.7

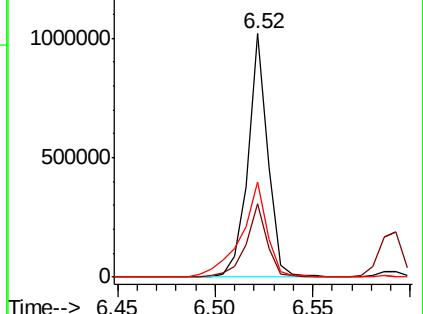
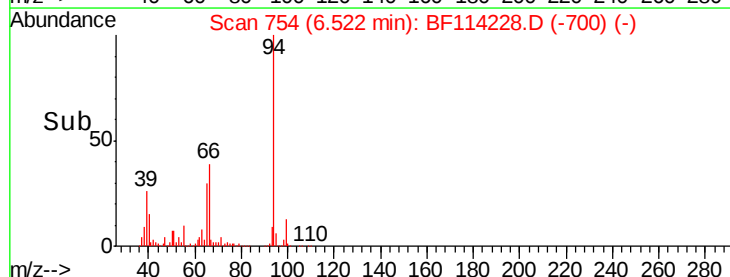
66 39.2 29.6 69.6

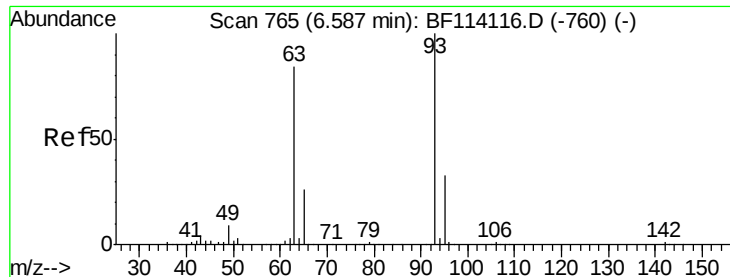


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.622 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

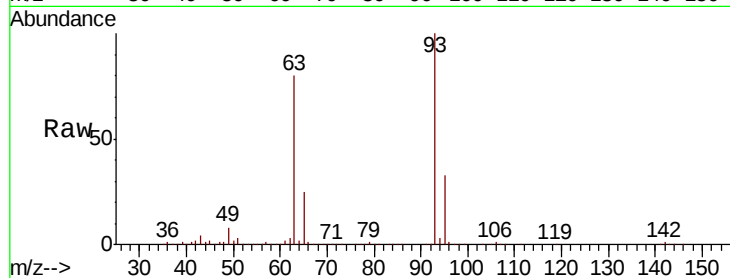
Tgt Ion: 93 Resp: 627121

Ion Ratio Lower Upper

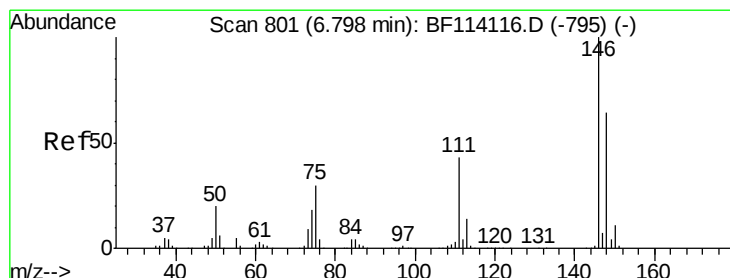
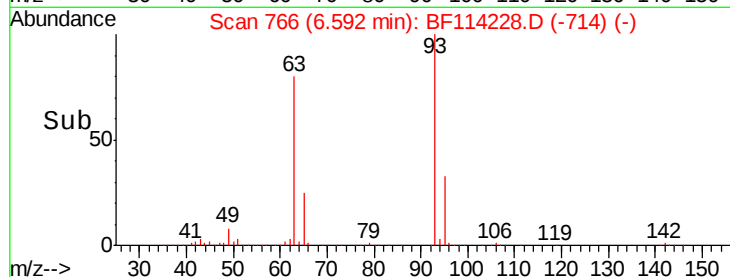
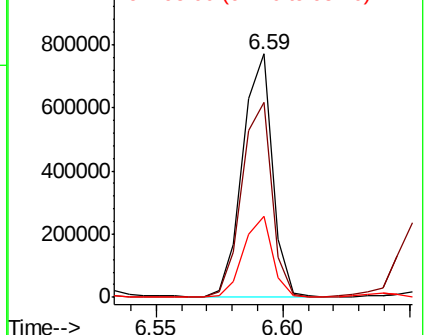
93 100

63 79.9 63.6 103.6

95 33.1 13.1 53.1



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



#12

1,3-Dichlorobenzene

Concen: 26.099 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

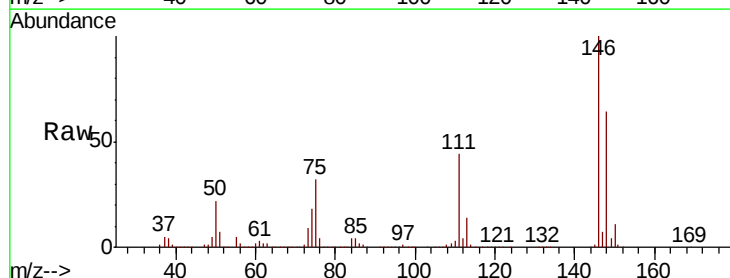
Tgt Ion: 146 Resp: 606373

Ion Ratio Lower Upper

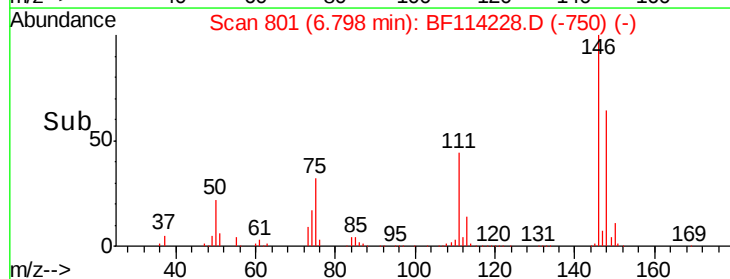
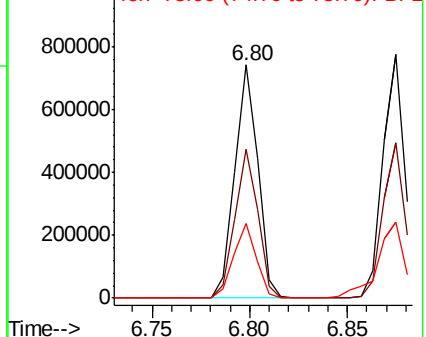
146 100

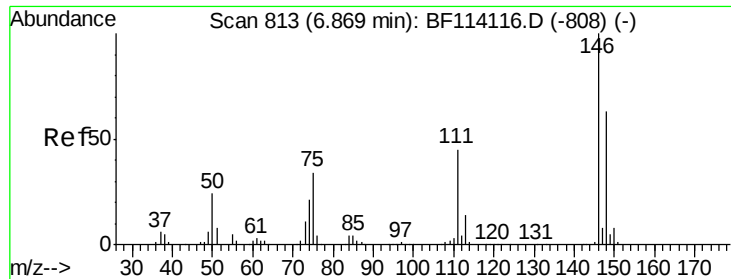
148 63.7 51.6 77.4

75 31.8 24.2 36.2



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

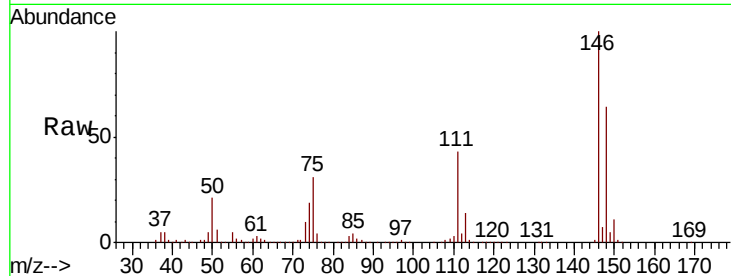




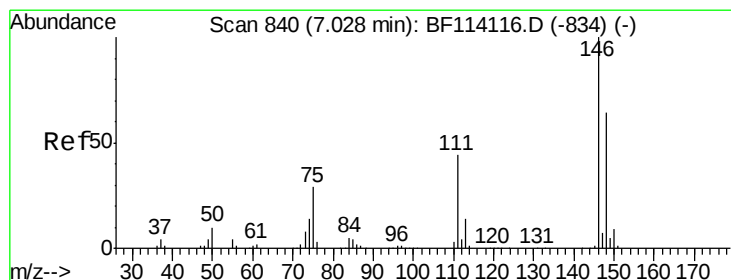
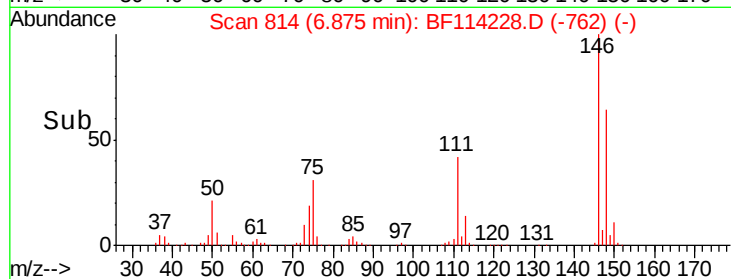
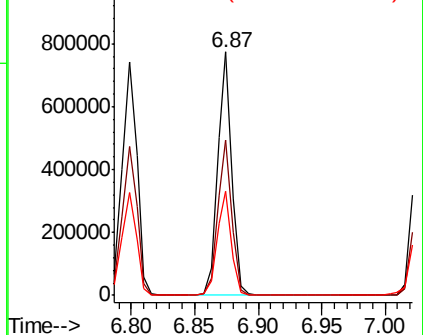
#13
 1,4-Dichlorobenzene
 Concen: 25.842 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:146 Resp: 605033
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 42.5 35.8 53.6

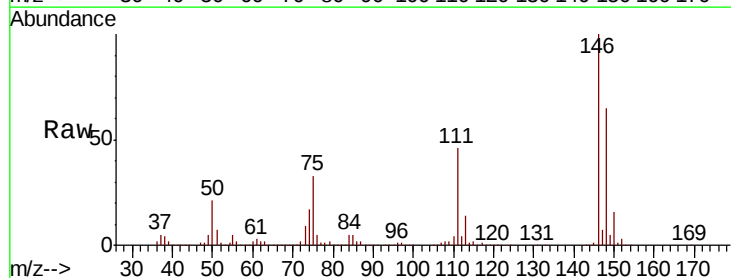


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

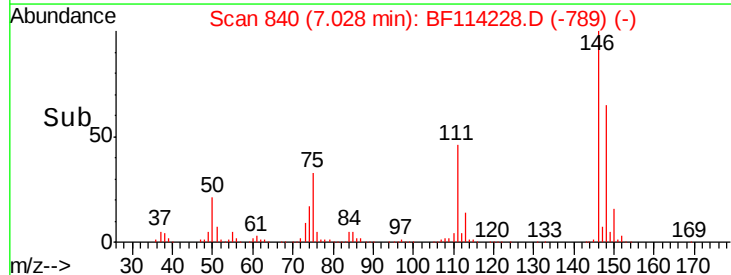
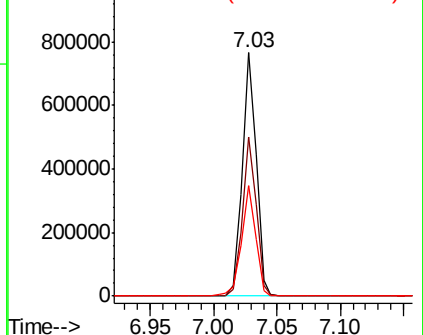


#14
 1,2-Dichlorobenzene
 Concen: 26.862 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:146 Resp: 574566
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 45.5 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

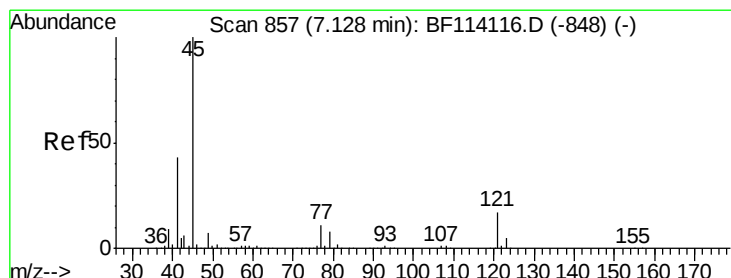
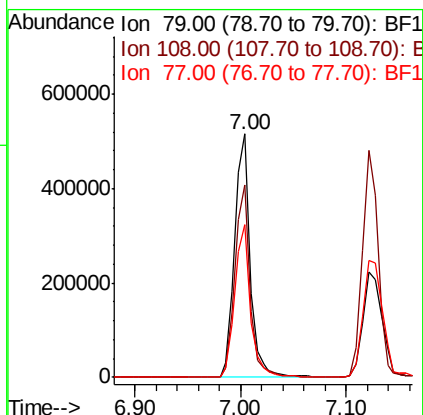
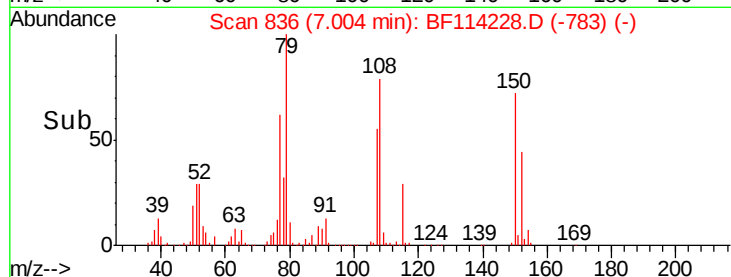
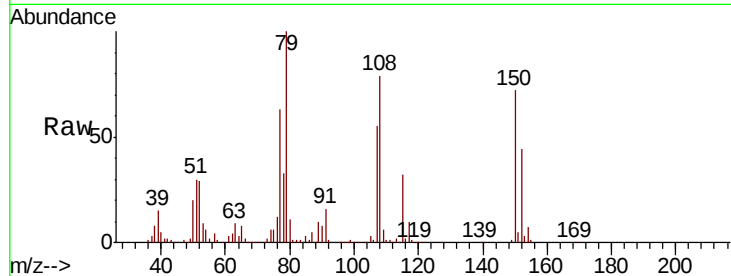




#15
Benzyl Alcohol
Concen: 28.851 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

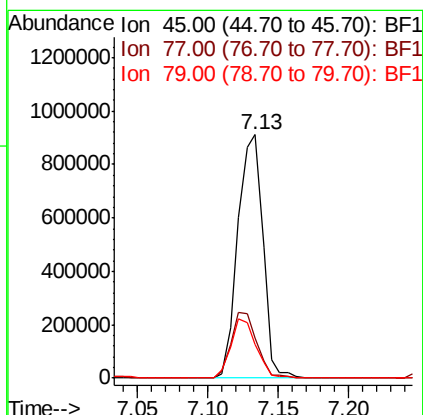
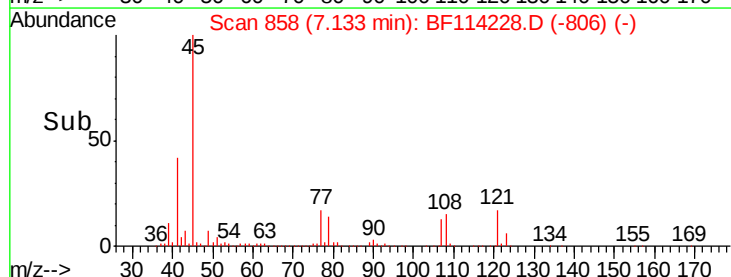
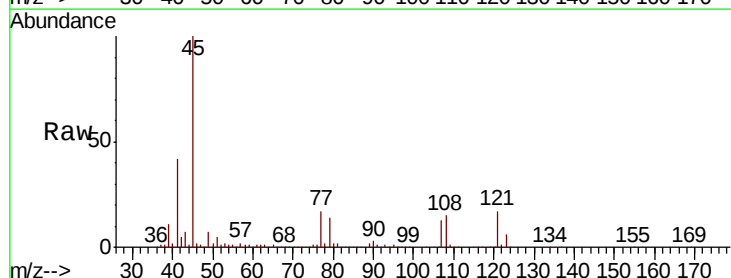
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

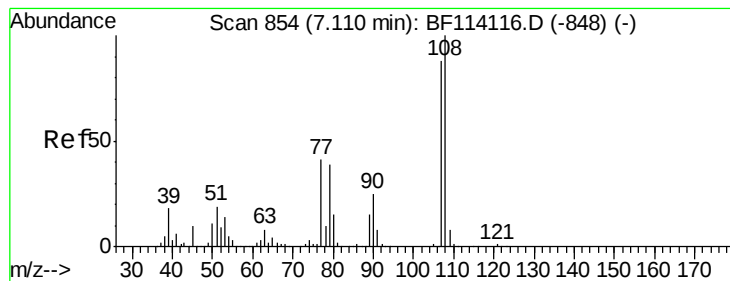
Tgt Ion: 79 Resp: 516010
Ion Ratio Lower Upper
79 100
108 79.0 62.1 93.1
77 62.5 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.368 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion: 45 Resp: 1126468
Ion Ratio Lower Upper
45 100
77 16.6 0.0 31.1
79 13.9 0.0 28.4





#17

2-Methylphenol

Concen: 25.452 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tgt Ion:107 Resp: 432755

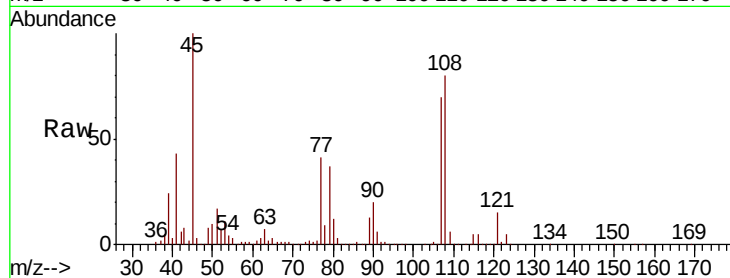
Ion Ratio Lower Upper

107 100

108 114.7 90.5 135.7

77 59.0 37.0 55.4#

79 53.4 35.8 53.8

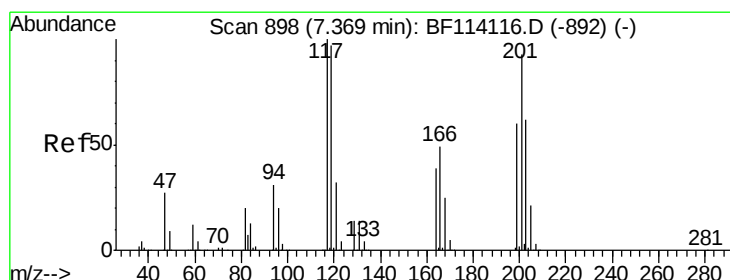
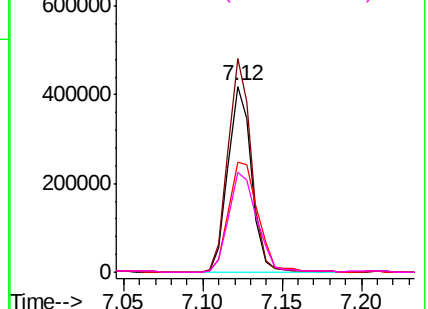
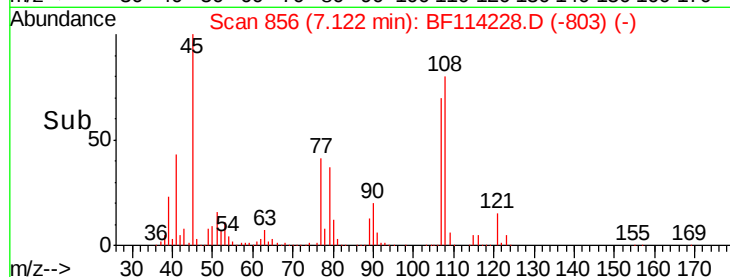


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.638 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

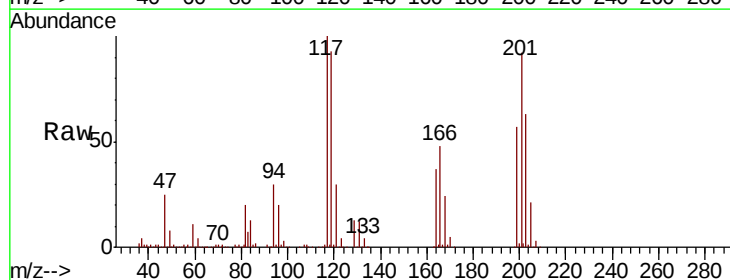
Tgt Ion:117 Resp: 207734

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.2

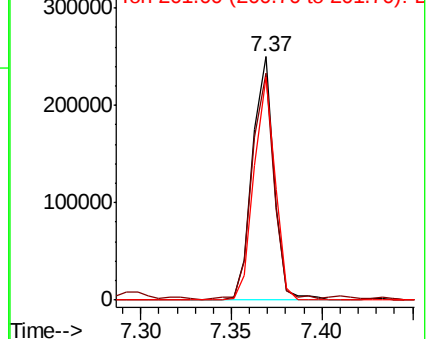
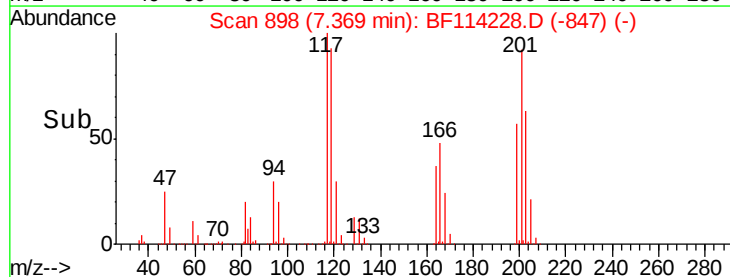
201 91.8 74.5 111.7

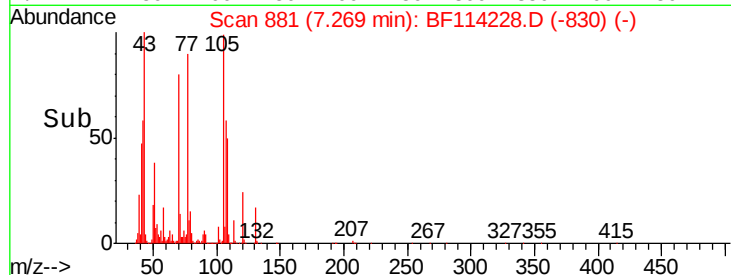
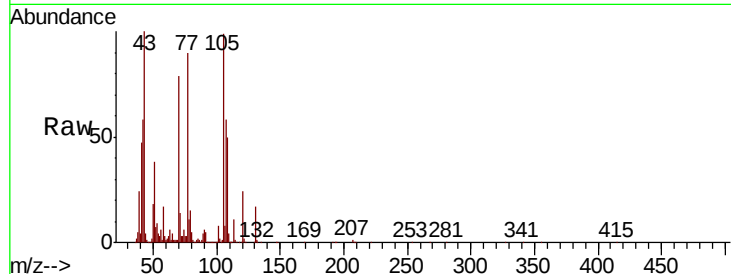
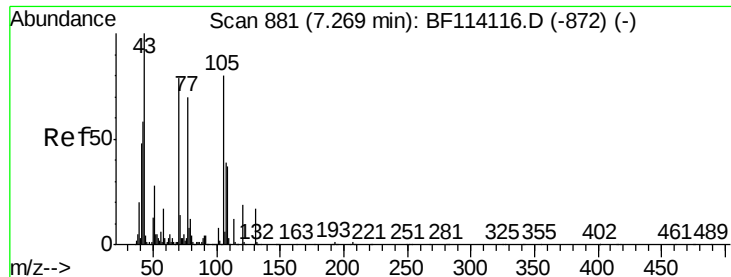


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

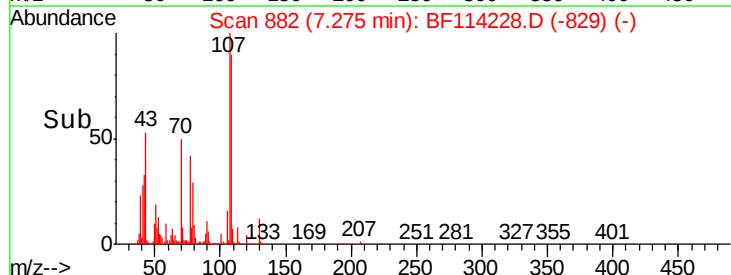
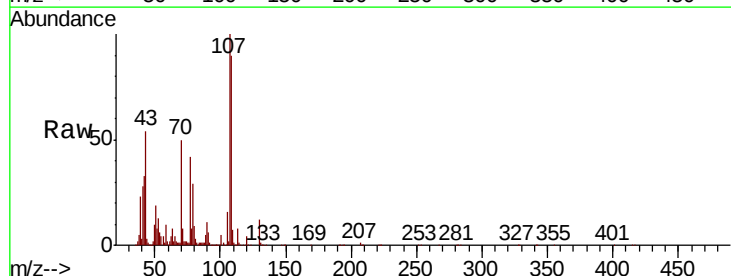
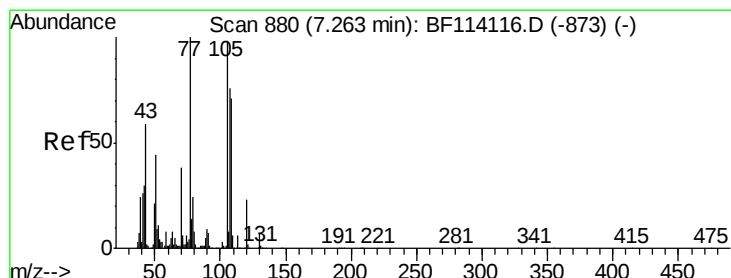
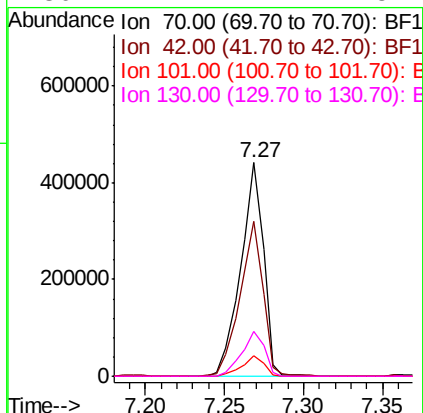




#19
n-Nitroso-di-n-propylamine
Concen: 30.070 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

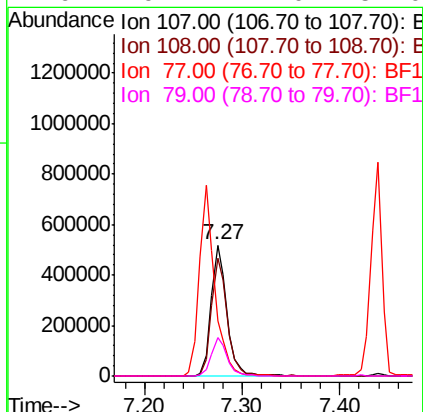
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

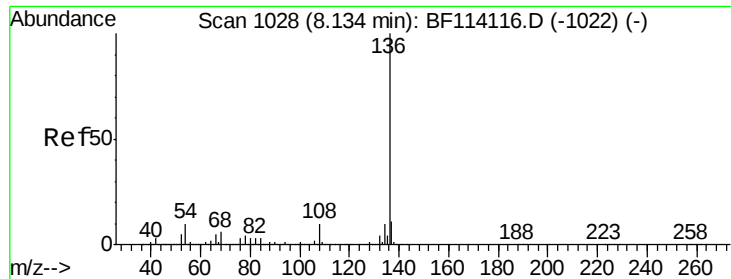
Tgt Ion:	70	Resp:	437062
Ion	Ratio	Lower	Upper
70	100		
42	72.5	58.6	87.8
101	9.5	7.8	11.8
130	21.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 29.349 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:	107	Resp:	576548
Ion	Ratio	Lower	Upper
107	100		
108	89.5	73.8	113.8
77	41.8	111.5	151.5#
79	29.1	12.0	52.0

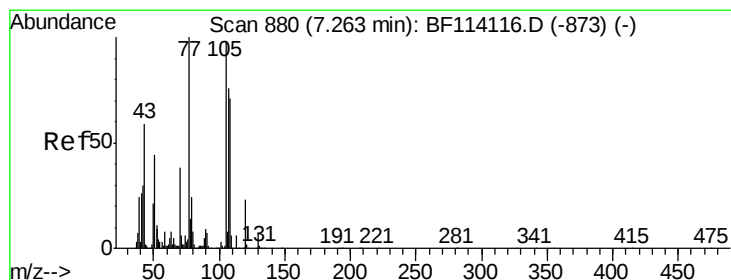
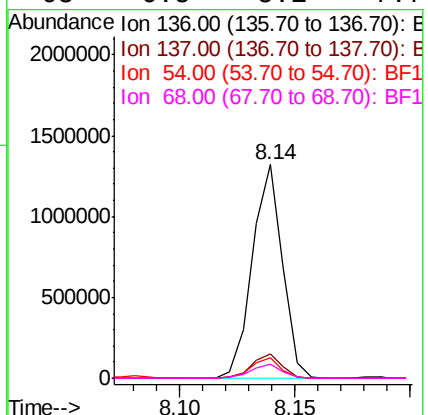
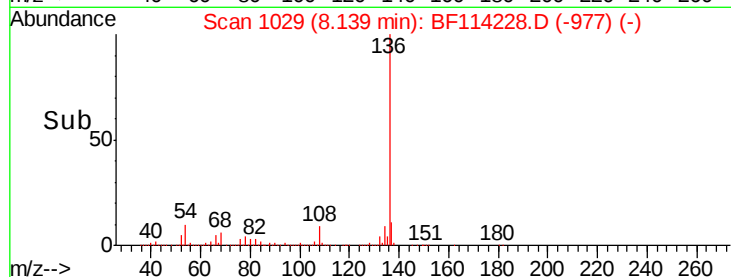
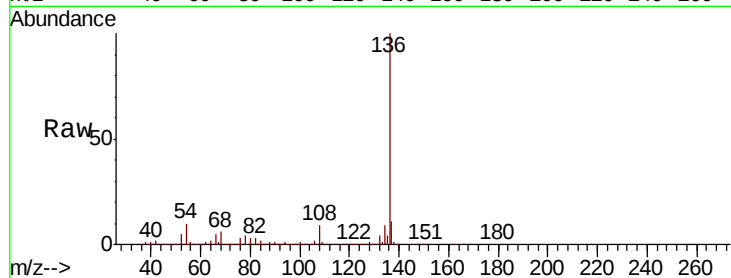




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

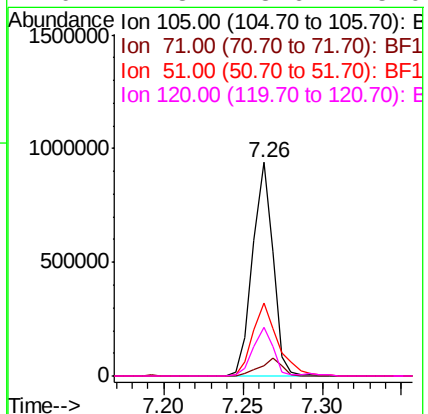
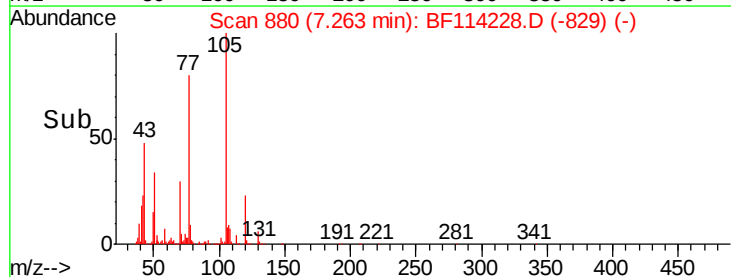
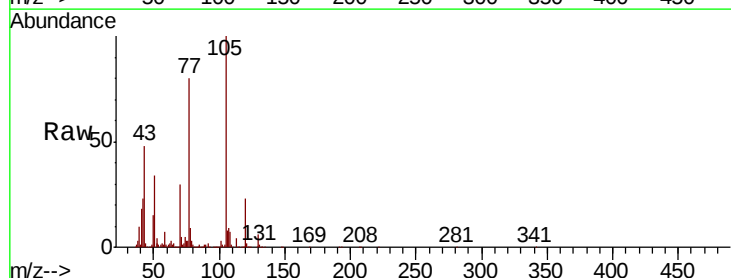
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

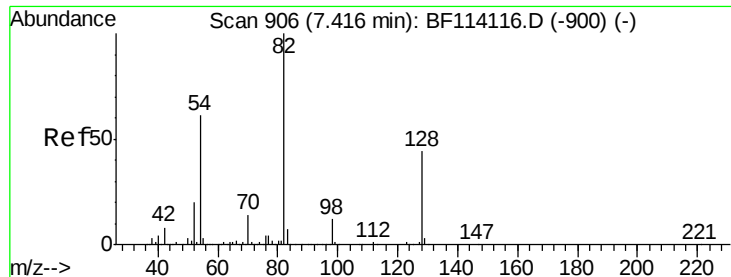
Tgt Ion:	136	Resp:	1203157
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.7	7.8	11.8
68	6.5	5.1	7.7



#22
Acetophenone
Concen: 31.583 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:	105	Resp:	841814
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	34.1	36.2	54.4#
120	22.8	18.6	28.0

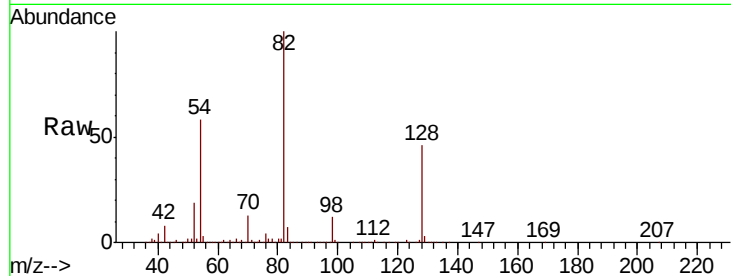




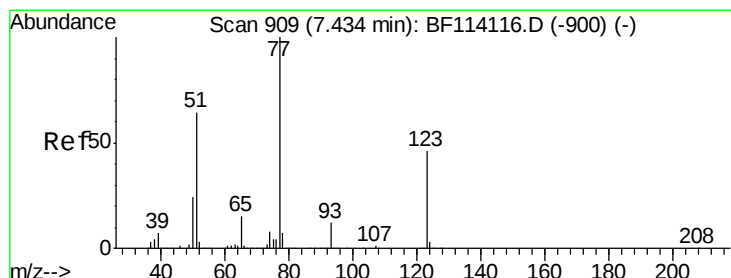
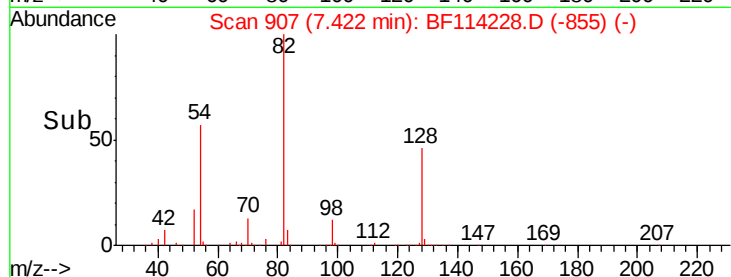
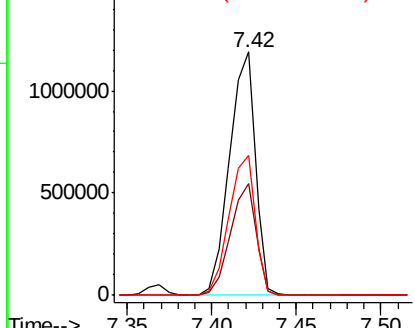
#23
Nitrobenzene-d5
Concen: 59.189 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion: 82 Resp: 1268957
Ion Ratio Lower Upper
82 100
128 45.8 35.5 53.3
54 57.7 48.5 72.7

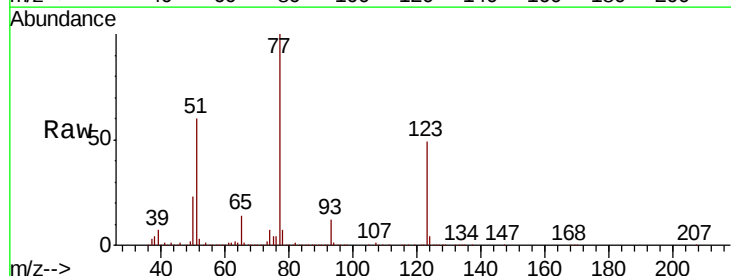


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

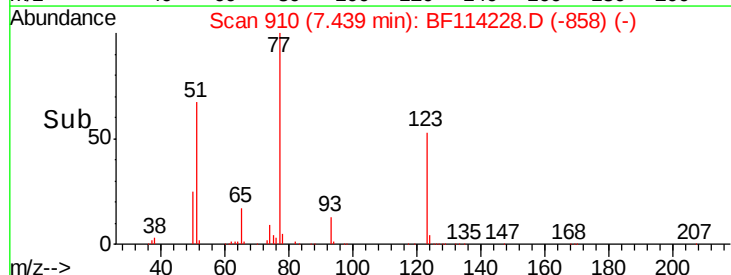
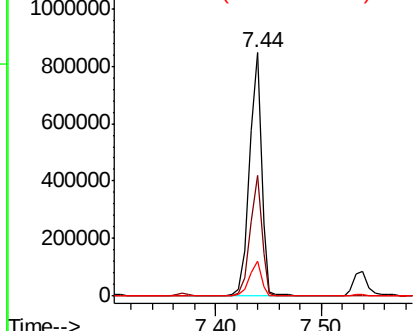


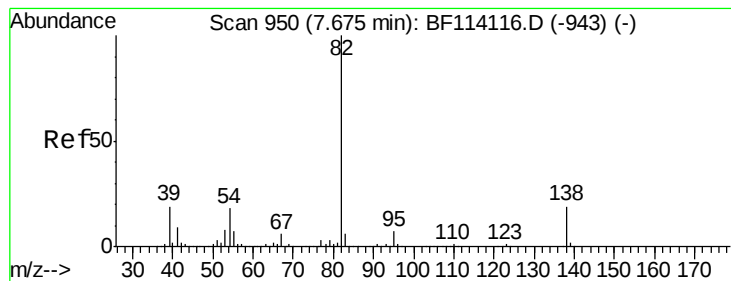
#24
Nitrobenzene
Concen: 30.720 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion: 77 Resp: 670802
Ion Ratio Lower Upper
77 100
123 49.3 36.9 55.3
65 14.2 11.8 17.6



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: 30.574 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

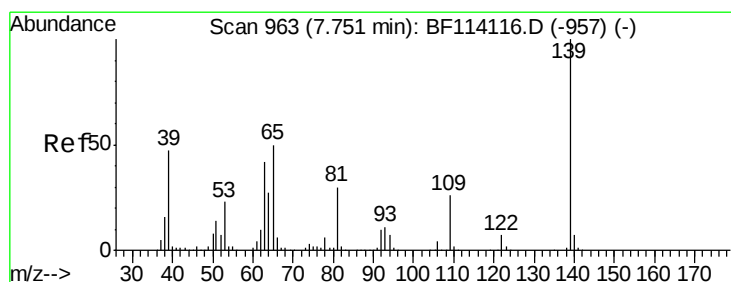
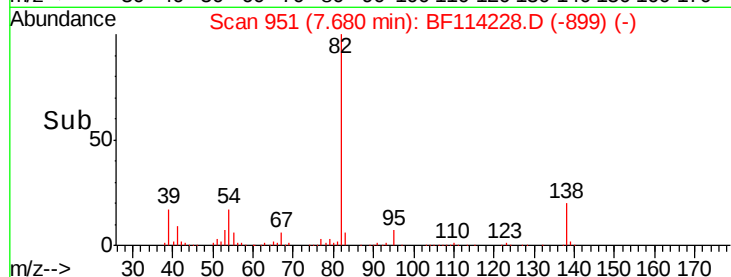
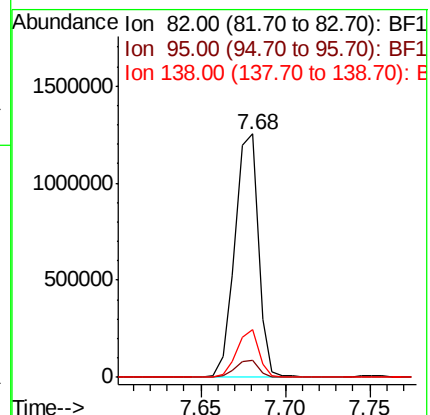
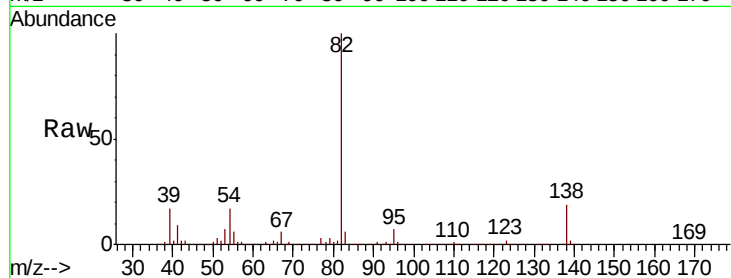
Tgt Ion: 82 Resp: 1215638

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 19.5 14.8 22.2



#26

2-Nitrophenol

Concen: 31.858 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

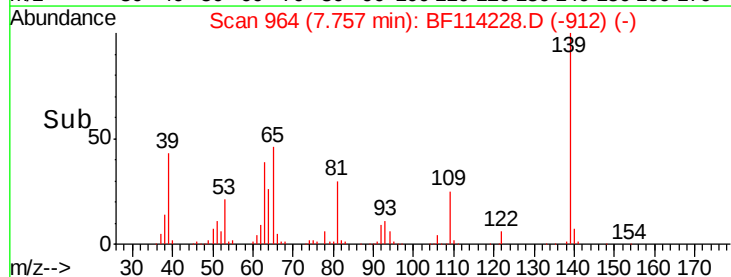
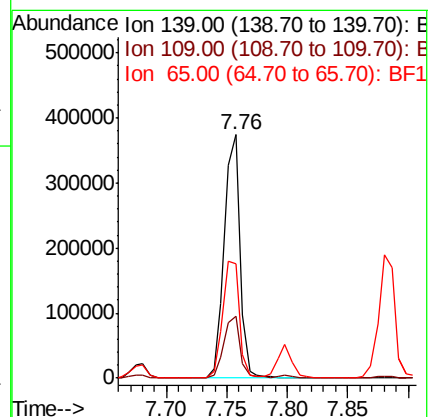
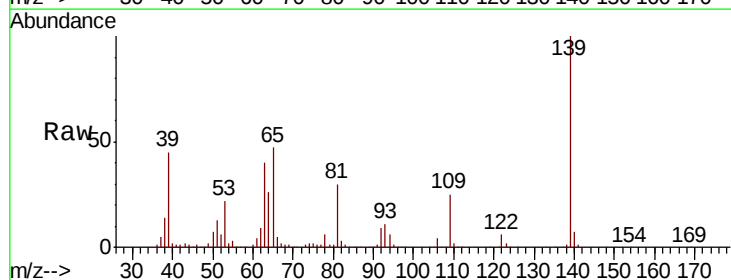
Tgt Ion: 139 Resp: 337505

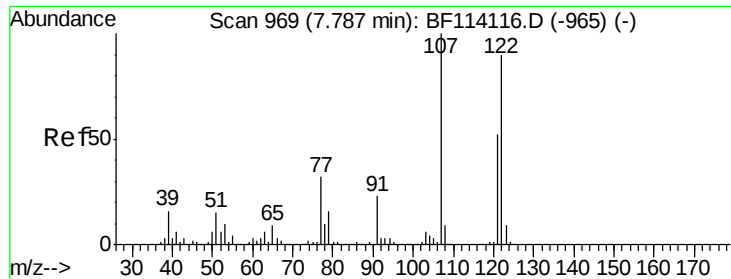
Ion Ratio Lower Upper

139 100

109 25.4 20.7 31.1

65 47.0 40.2 60.2

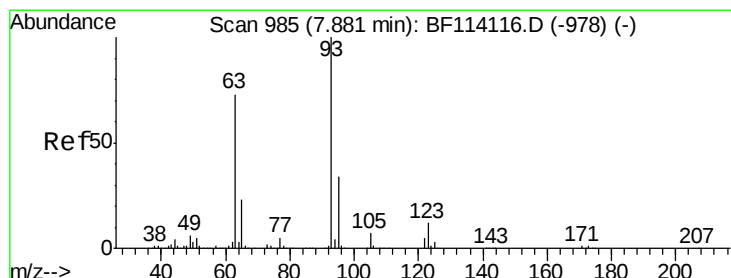
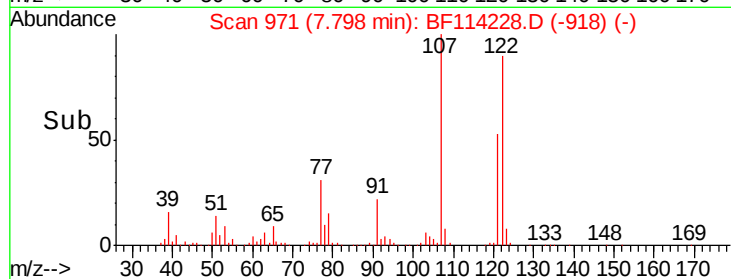
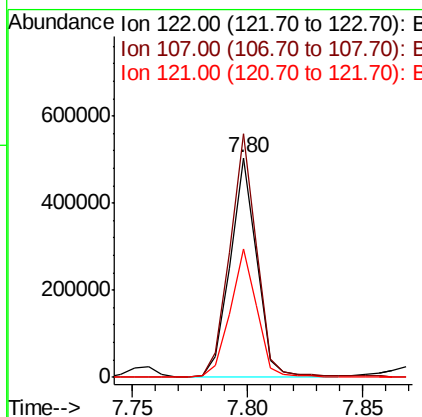
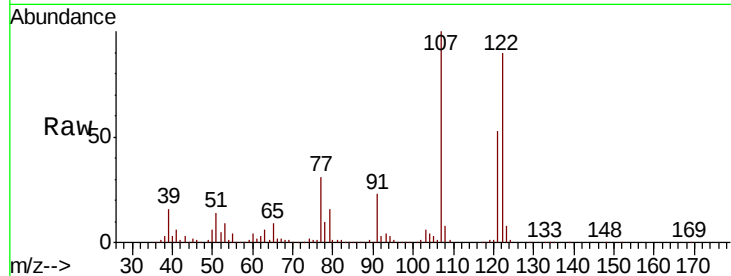




#27
 2,4-Dimethylphenol
 Concen: 24.545 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

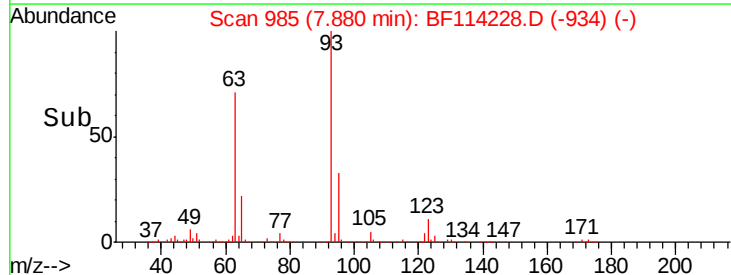
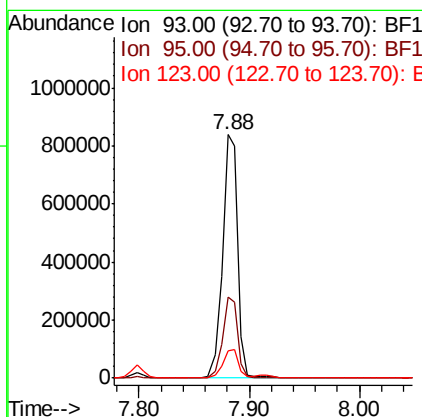
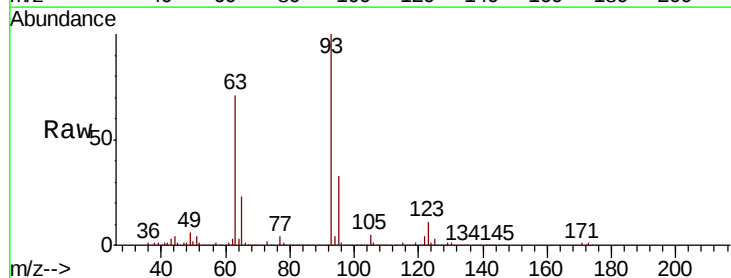
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.4	132.6
121	58.7	45.9	68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.992 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.2	9.5	14.3

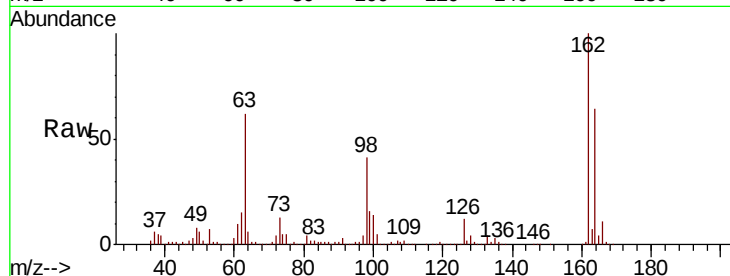




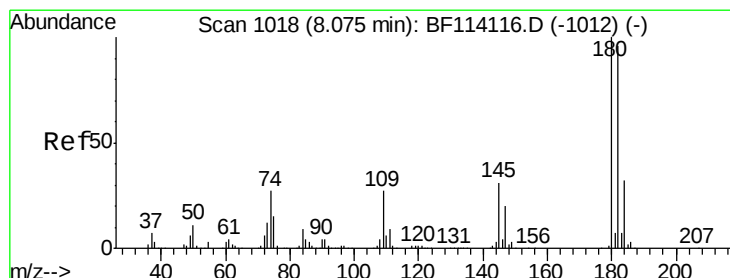
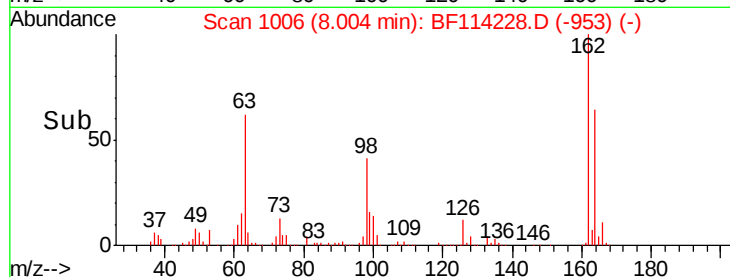
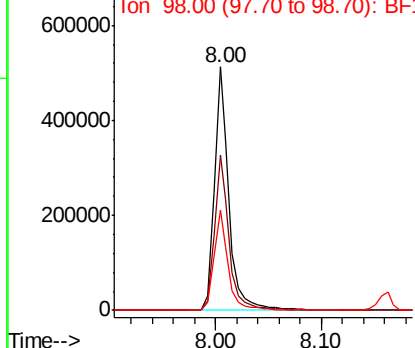
#29
2,4-Dichlorophenol
Concen: 30.043 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion	Resp	Lower	Upper
162	497750		
164	63.7	43.6	83.6
98	41.1	20.6	60.6

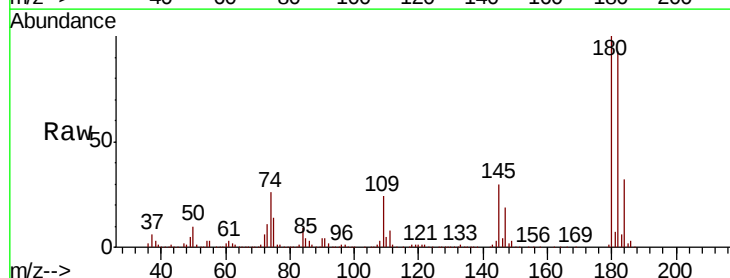


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

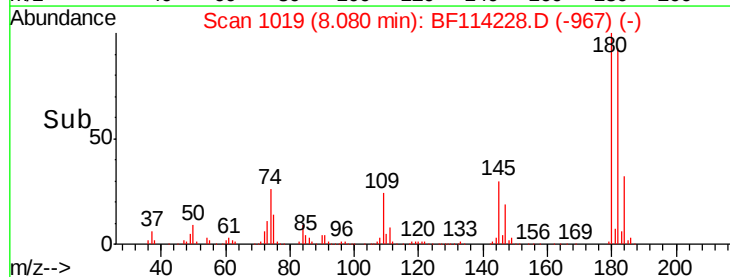
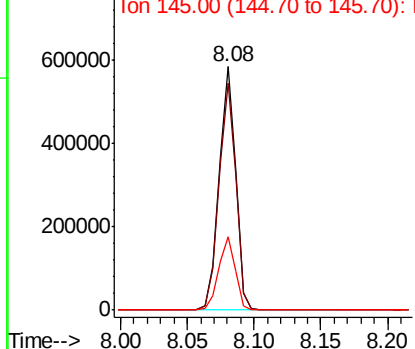


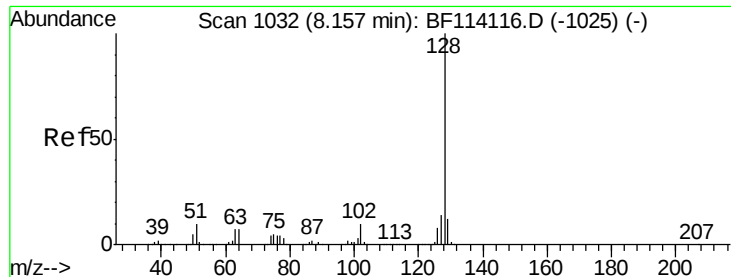
#30
1,2,4-Trichlorobenzene
Concen: 27.370 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Resp	Lower	Upper
180	515653		
182	93.3	76.6	114.8
145	30.0	25.1	37.7



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

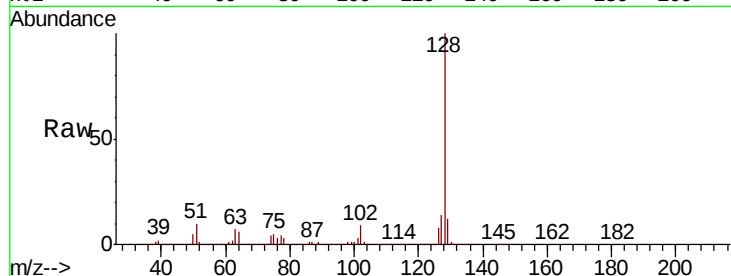




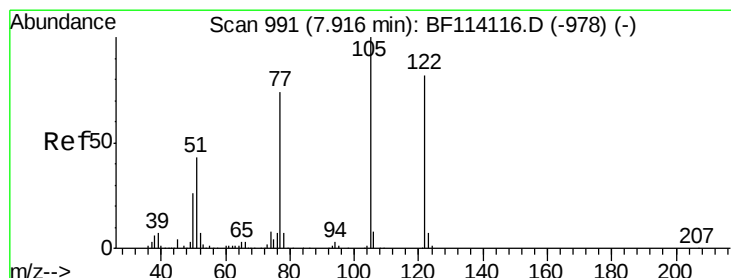
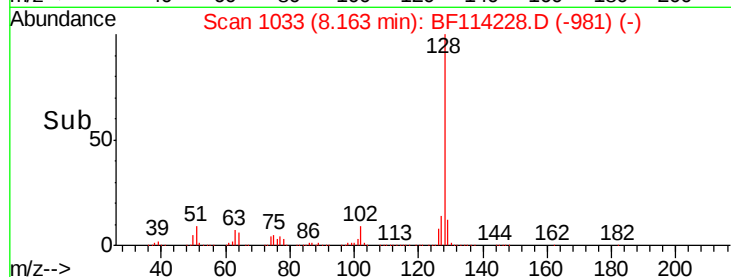
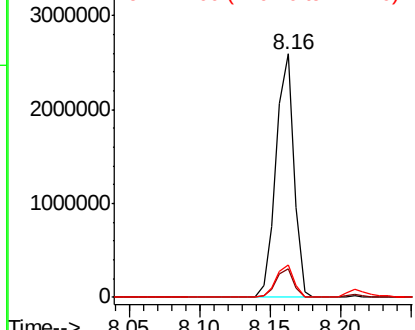
#31
Naphthalene
Concen: 41.454 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion:128 Resp: 2329795
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.6 11.3 16.9

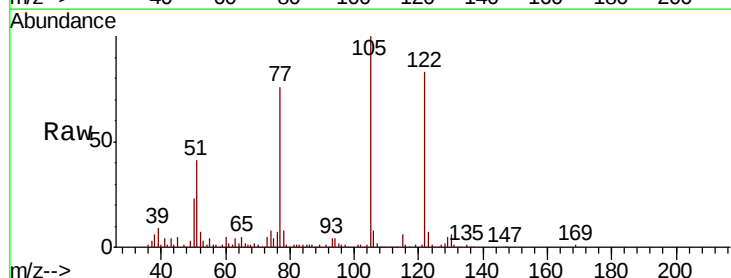


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

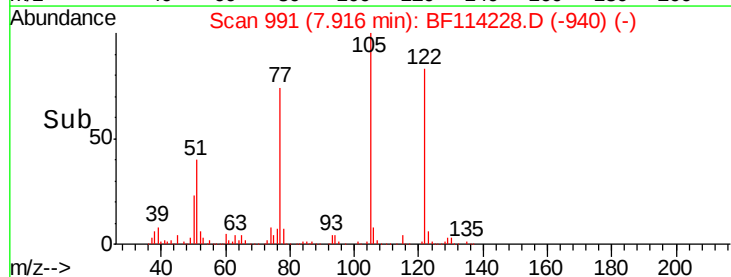
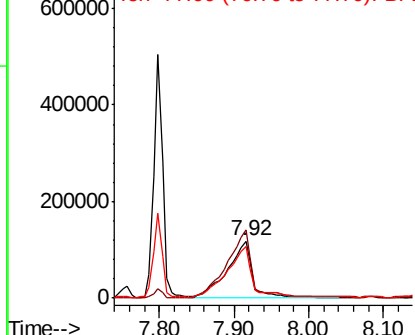


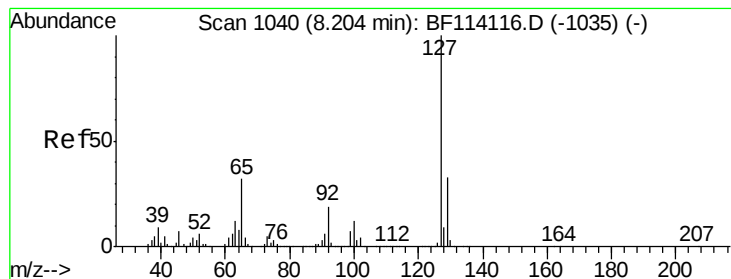
#32
Benzoic acid
Concen: 26.584 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:122 Resp: 271864
Ion Ratio Lower Upper
122 100
105 121.1 99.9 139.9
77 91.4 69.4 109.4



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





#33

4-Chloroaniline

Concen: 4.044 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tgt Ion:127 Resp: 103558

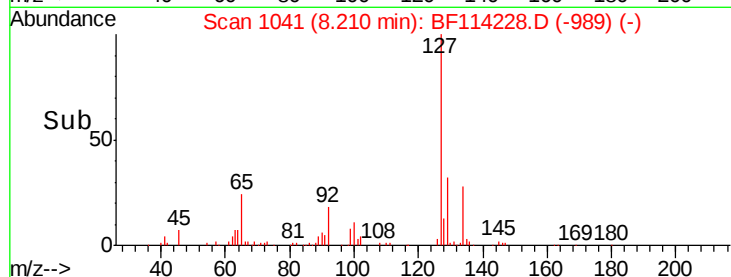
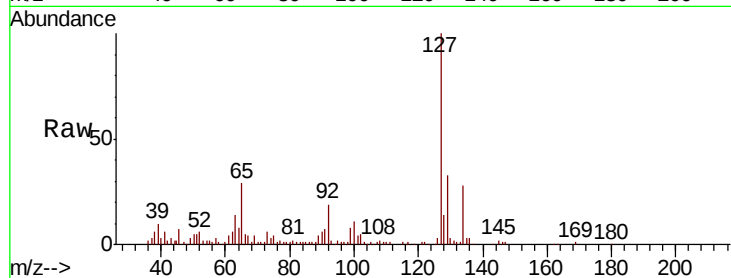
Ion Ratio Lower Upper

127 100

129 33.1 26.7 40.1

65 29.1 25.4 38.0

92 18.9 15.4 23.2

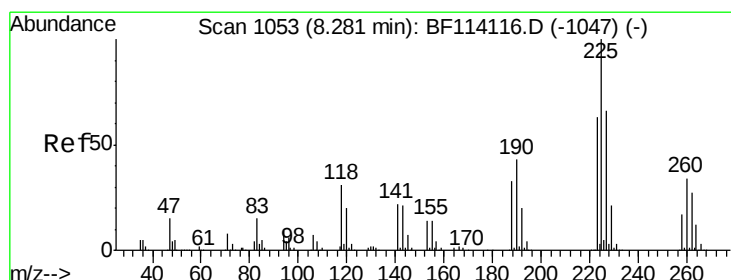
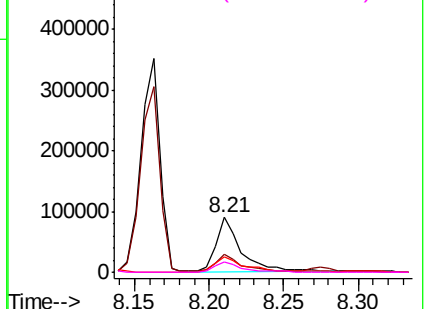


Abundance Ion 127.00 (126.70 to 127.70): E

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: 25.267 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

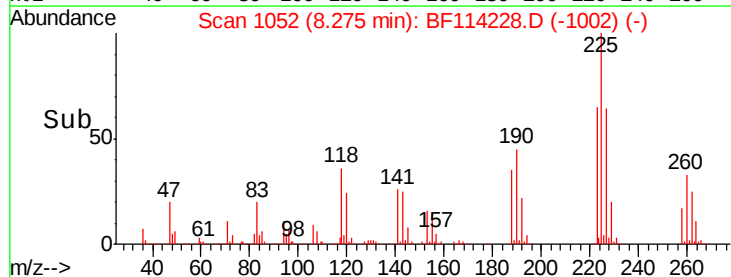
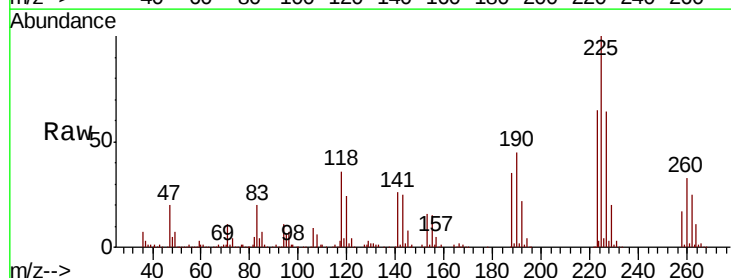
Tgt Ion:225 Resp: 270852

Ion Ratio Lower Upper

225 100

223 65.3 50.2 75.2

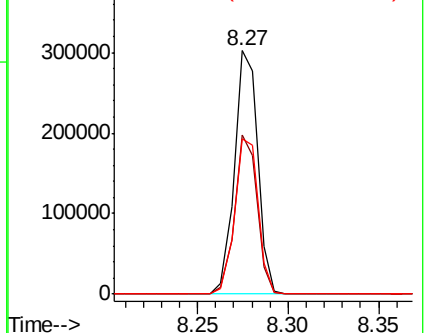
227 63.5 52.6 79.0

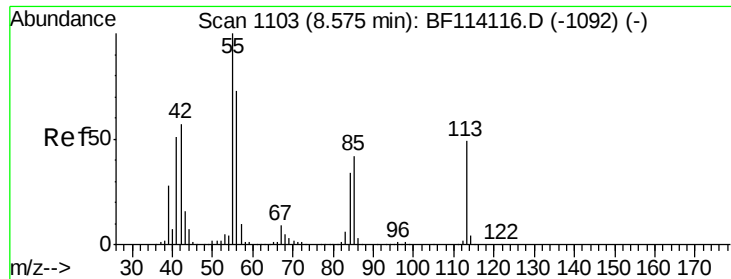


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

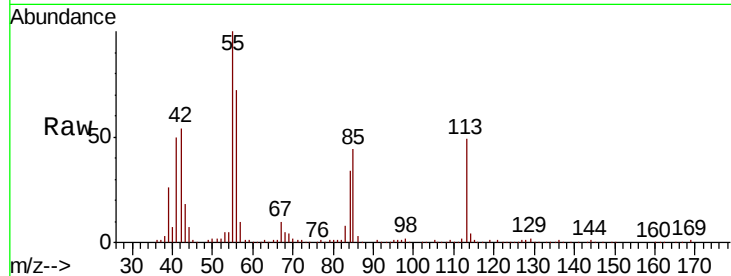




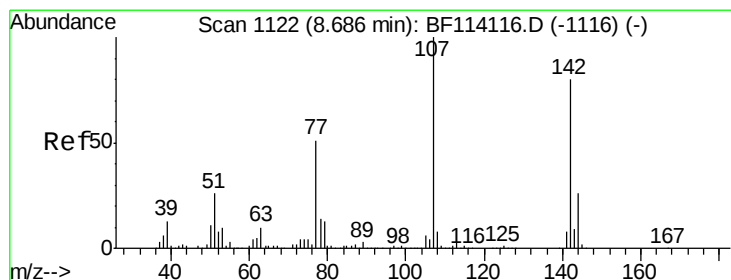
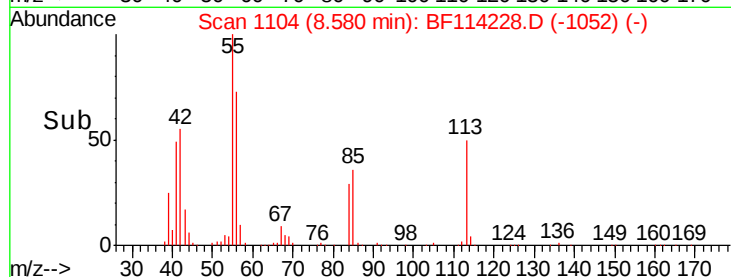
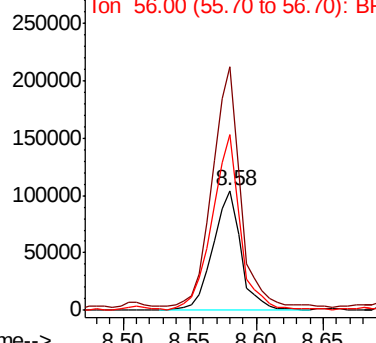
#35
 Caprolactam
 Concen: 27.927 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:113 Resp: 150875
 Ion Ratio Lower Upper
 113 100
 55 203.3 183.5 223.5
 56 146.4 128.8 168.8

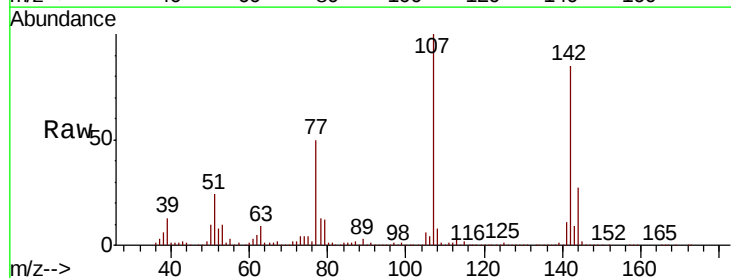


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

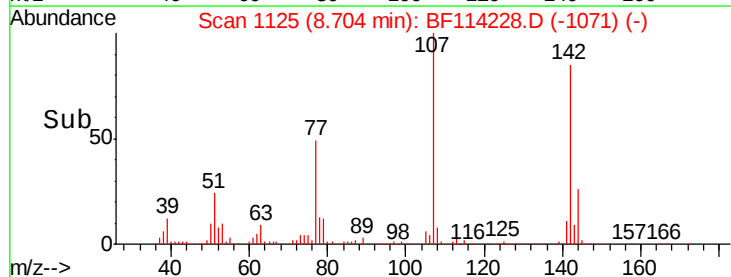
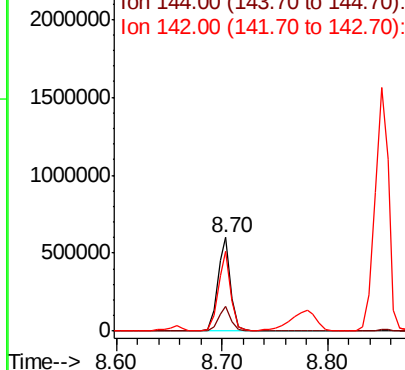


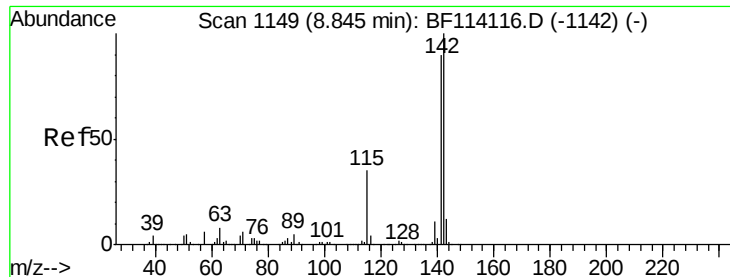
#36
 4-Chloro-3-methylphenol
 Concen: 30.704 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:107 Resp: 512059
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.4 30.6
 142 84.7 64.2 96.4



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

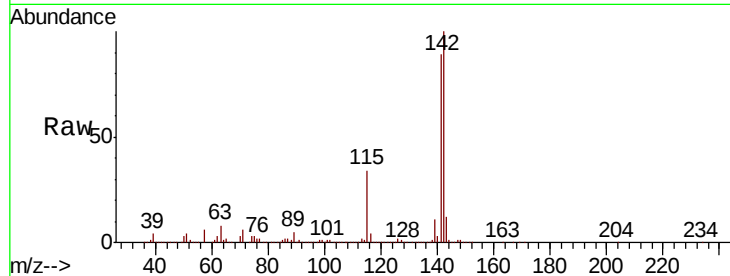




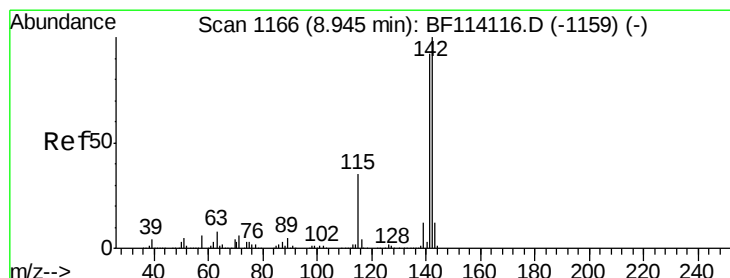
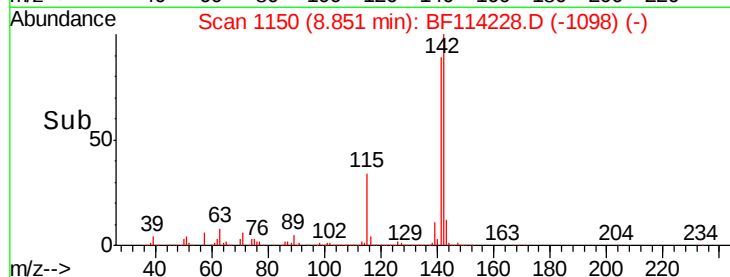
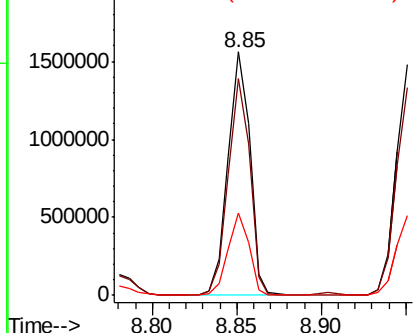
#37
 2-Methylnaphthalene
 Concen: 38.564 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:142 Resp: 1398375
 Ion Ratio Lower Upper
 142 100
 141 89.0 72.1 108.1
 115 33.9 28.0 42.0

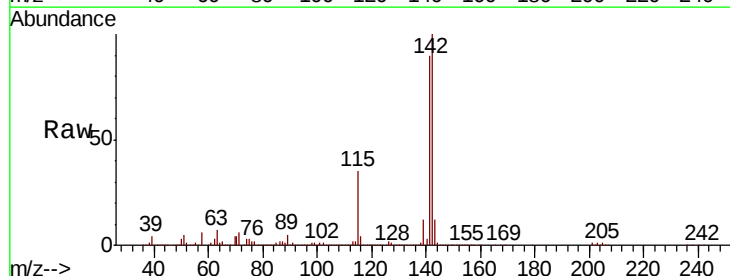


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

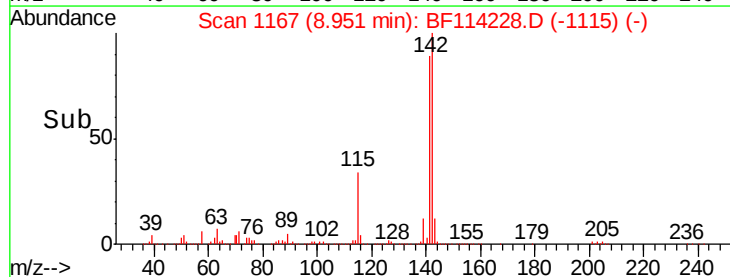
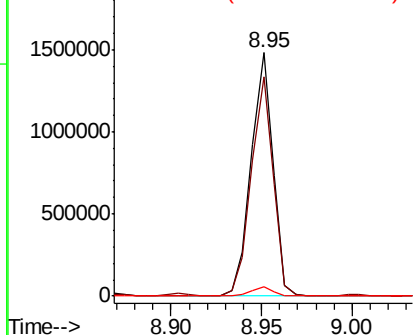


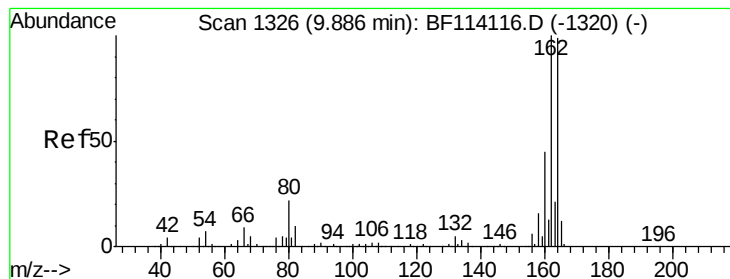
#38
 1-Methylnaphthalene
 Concen: 36.315 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:142 Resp: 1240072
 Ion Ratio Lower Upper
 142 100
 141 89.8 73.4 110.0
 116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

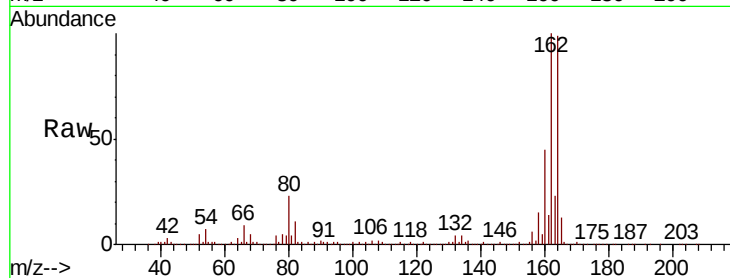
Tgt Ion:164 Resp: 567428

Ion Ratio Lower Upper

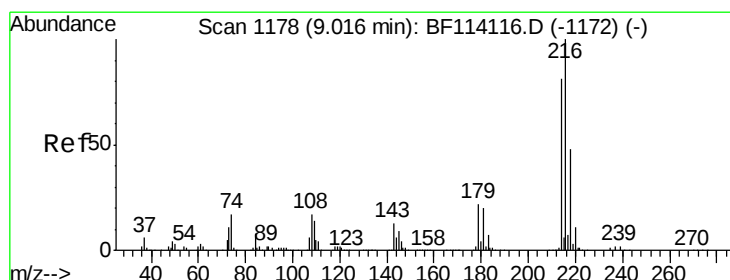
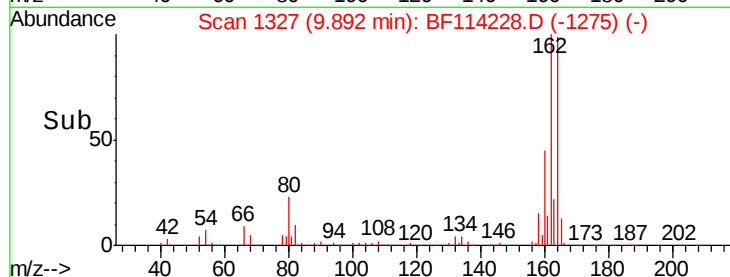
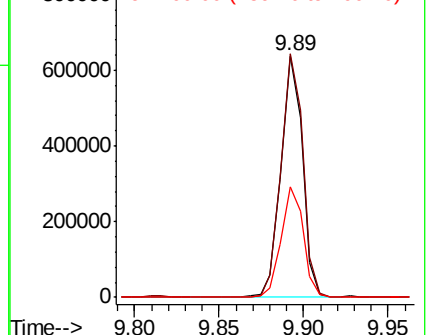
164 100

162 100.9 80.6 120.8

160 45.6 36.5 54.7



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: 29.015 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt Ion:216 Resp: 498722

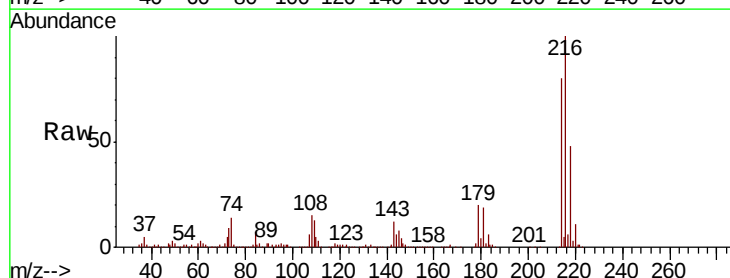
Ion Ratio Lower Upper

216 100

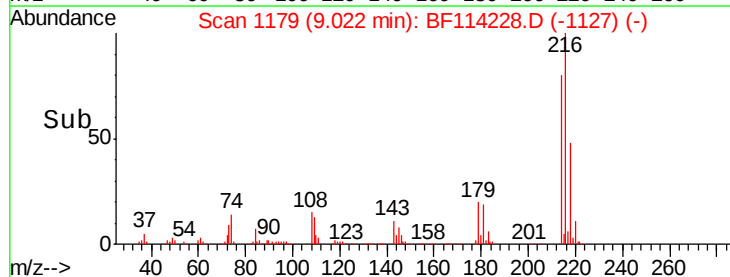
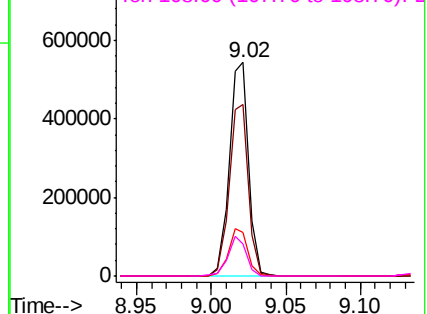
214 80.3 63.9 95.9

179 21.6 17.0 25.6

108 17.4 14.8 22.2



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: 12.740 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

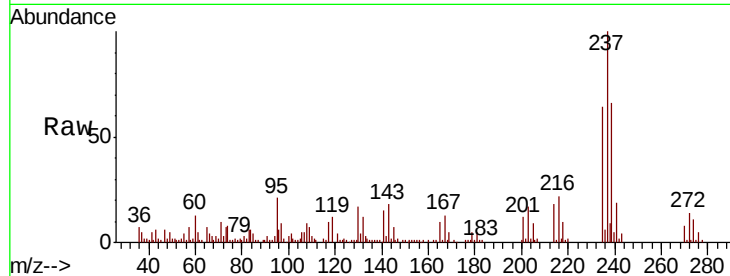
Tgt Ion: 237 Resp: 71244

Ion Ratio Lower Upper

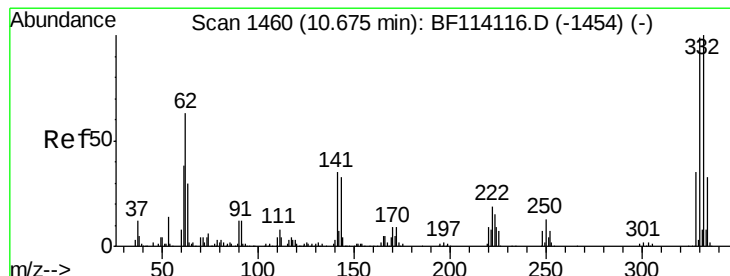
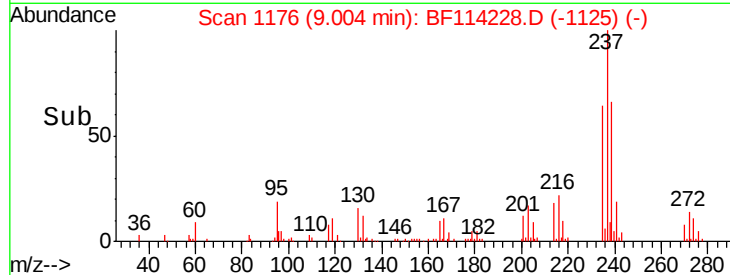
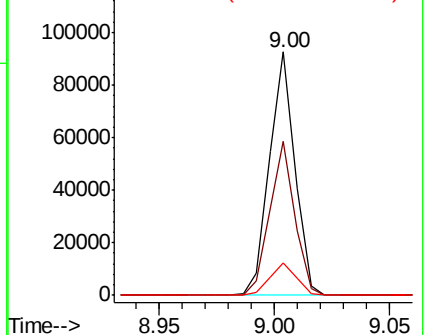
237 100

235 63.5 42.0 82.0

272 13.6 0.0 32.4



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: 73.779 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

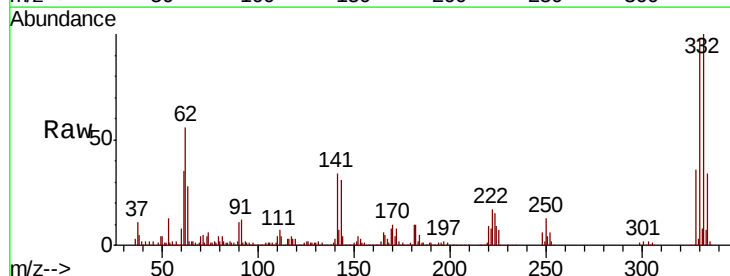
Tgt Ion: 330 Resp: 432808

Ion Ratio Lower Upper

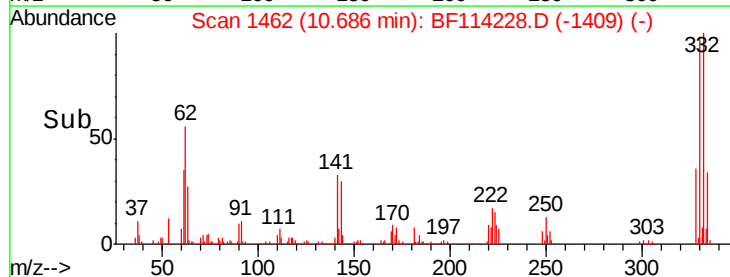
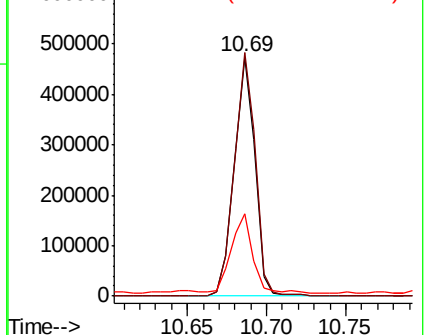
330 100

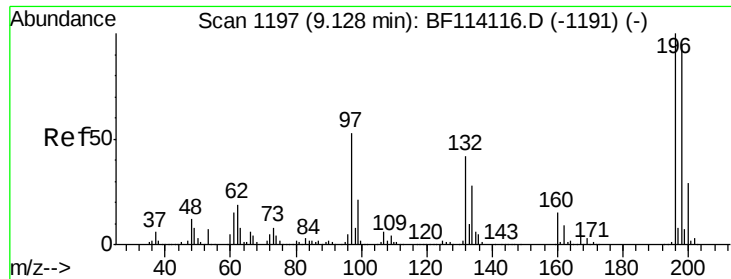
332 103.3 81.4 122.2

141 34.9 26.6 40.0



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

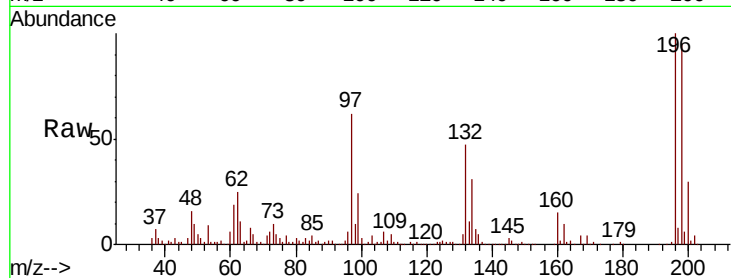




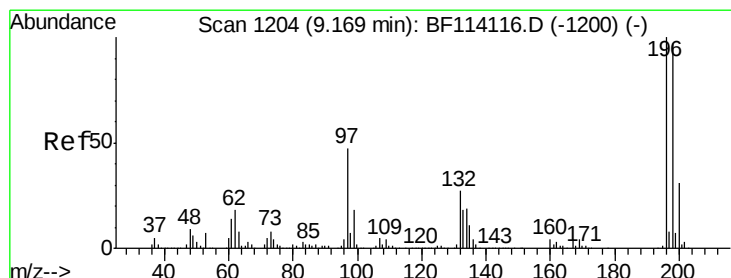
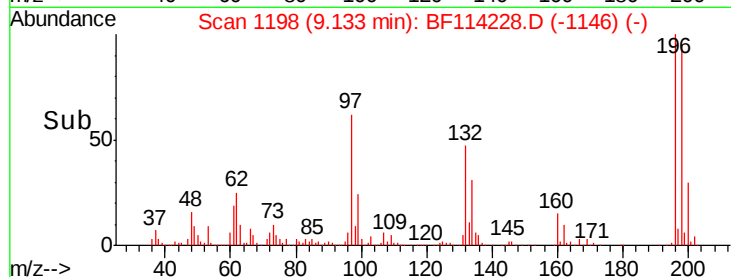
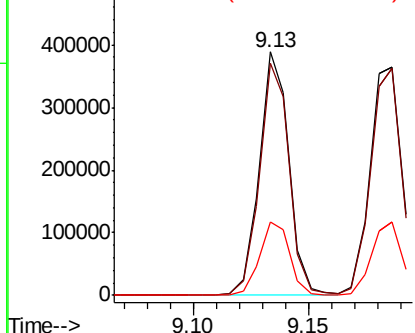
#43
 2,4,6-Trichlorophenol
 Concen: 29.321 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.9	113.9
200	30.1	23.5	35.3



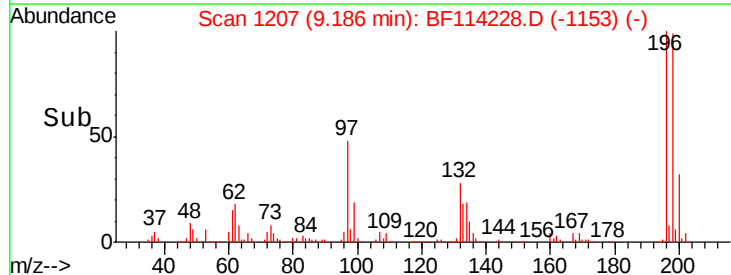
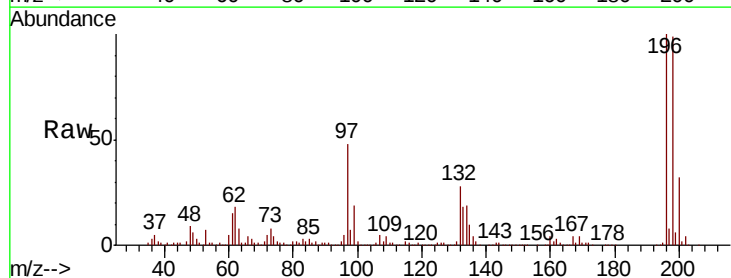
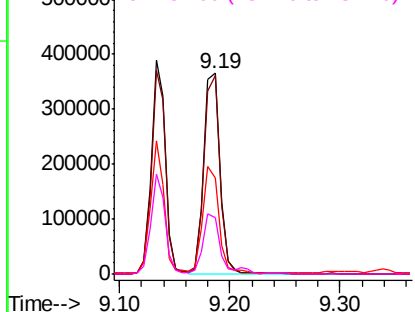
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

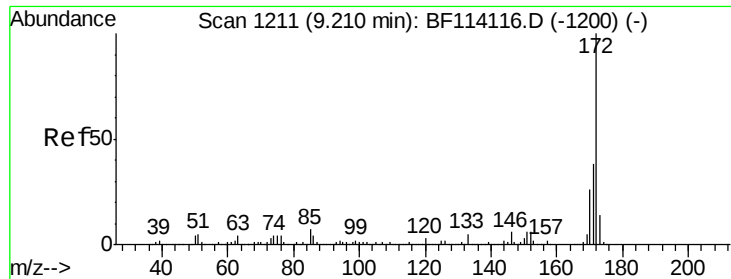


#44
 2,4,5-Trichlorophenol
 Concen: 29.813 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	77.7	116.5
97	48.1	38.2	57.2
132	28.3	21.4	32.2

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

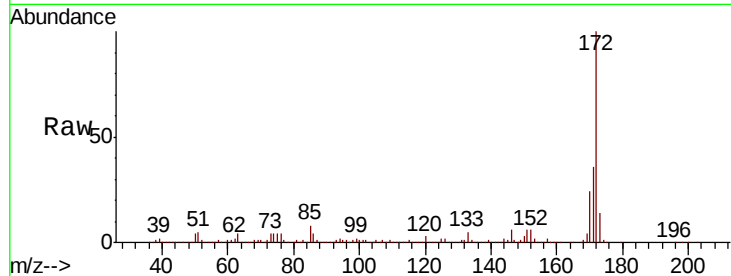




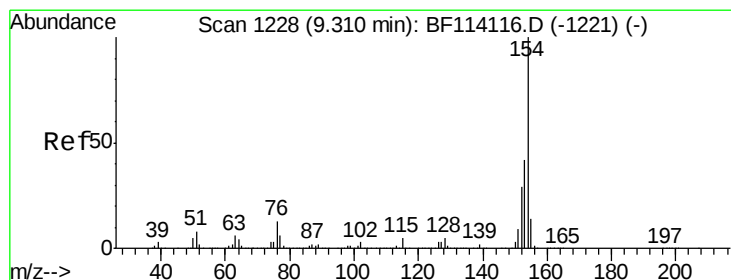
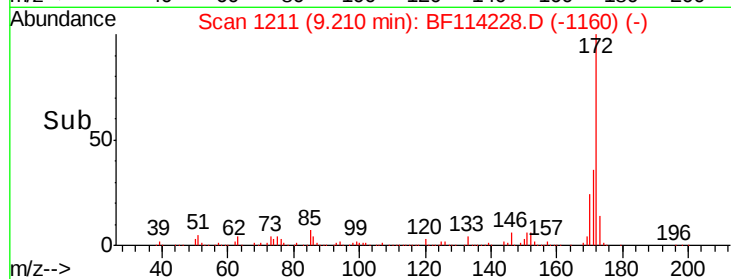
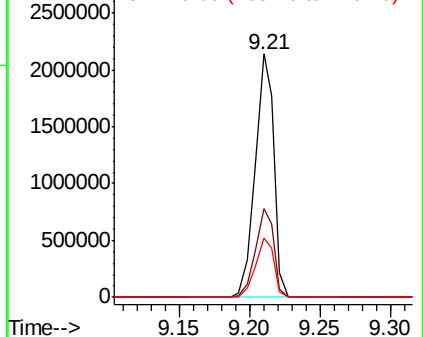
#45
 2-Fluorobiphenyl
 Concen: 53.135 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:172 Resp: 1993202
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.7 46.1
 170 24.4 20.5 30.7

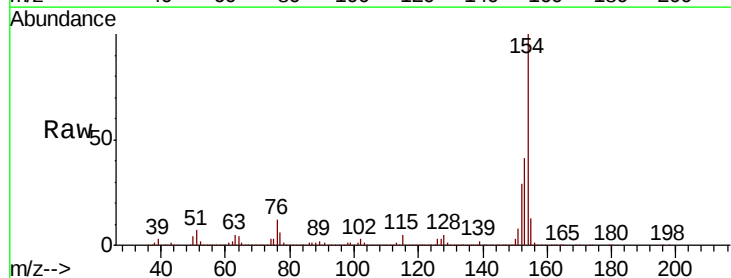


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

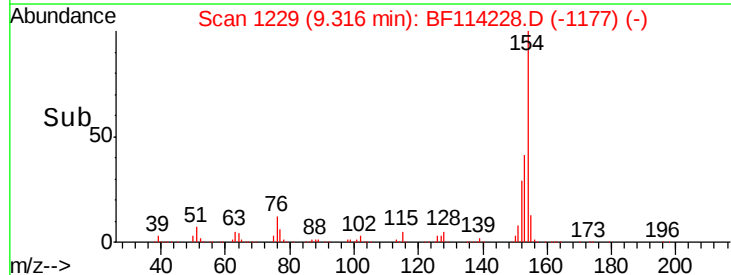
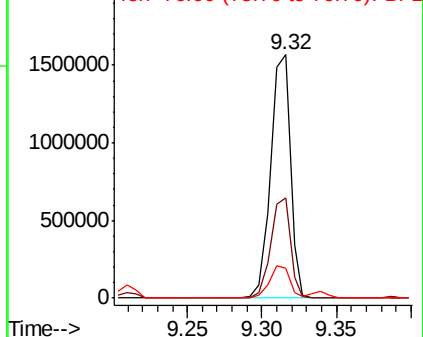


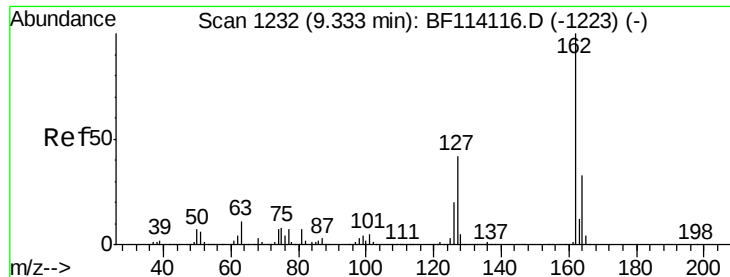
#46
 1,1'-Biphenyl
 Concen: 31.385 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:154 Resp: 1438693
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.9 61.9
 76 12.5 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

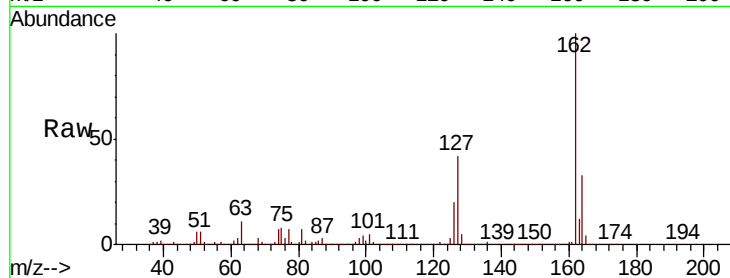




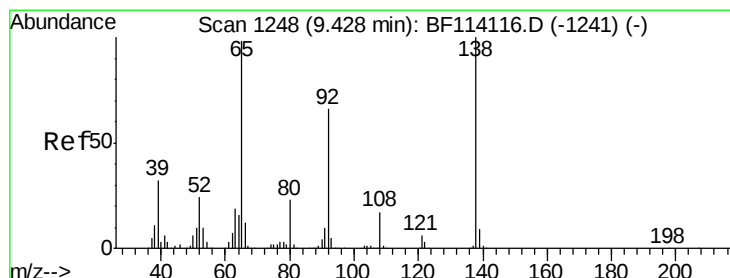
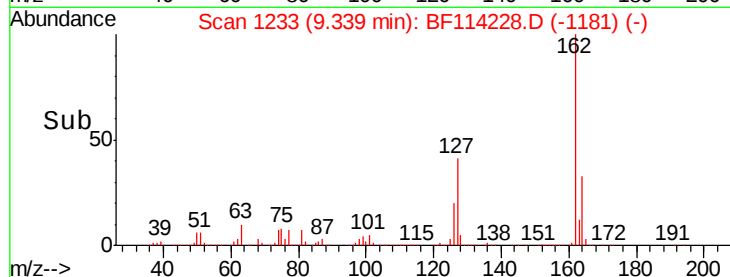
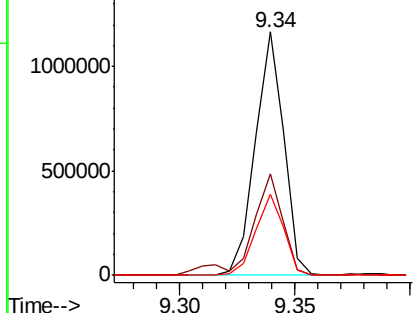
#47
 2-Chloronaphthalene
 Concen: 27.302 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion: 162 Resp: 1007220
 Ion Ratio Lower Upper
 162 100
 127 41.5 34.0 51.0
 164 33.2 26.7 40.1

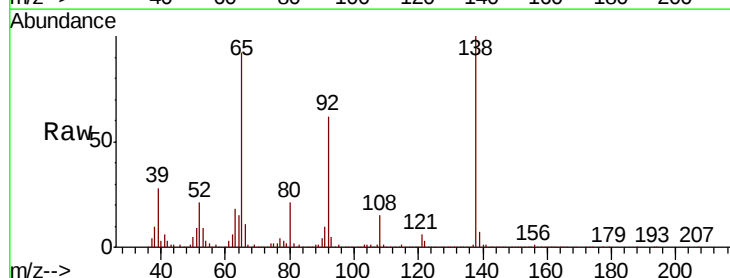


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

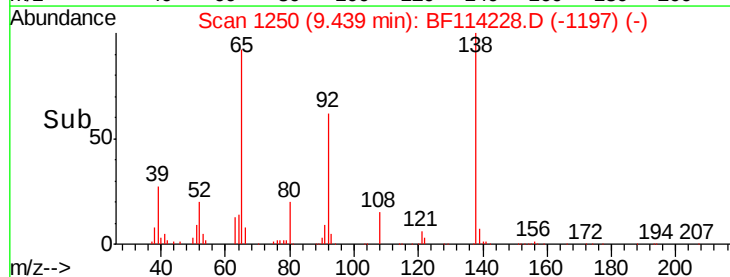
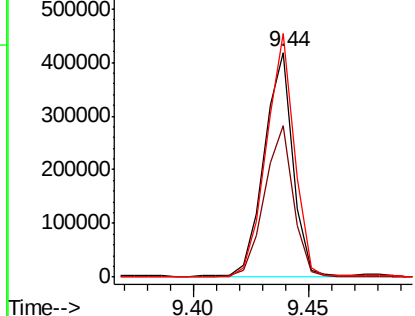


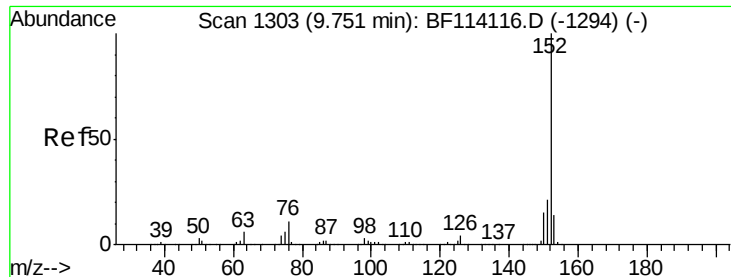
#48
 2-Nitroaniline
 Concen: 27.626 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion: 65 Resp: 361449
 Ion Ratio Lower Upper
 65 100
 92 67.5 53.9 80.9
 138 108.2 81.4 122.0



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: 52.182 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

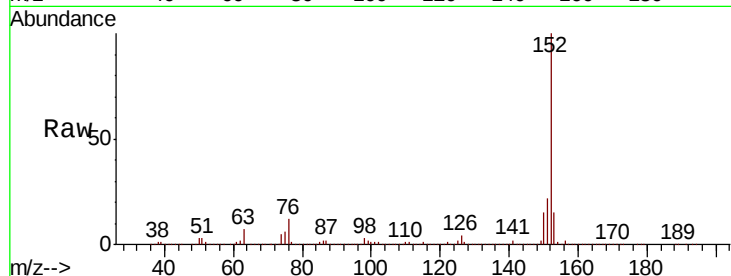
Tgt Ion:152 Resp: 2927955

Ion Ratio Lower Upper

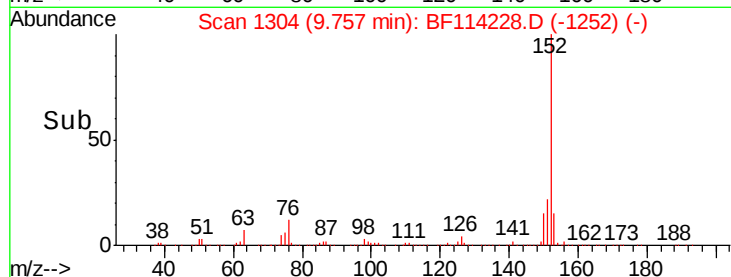
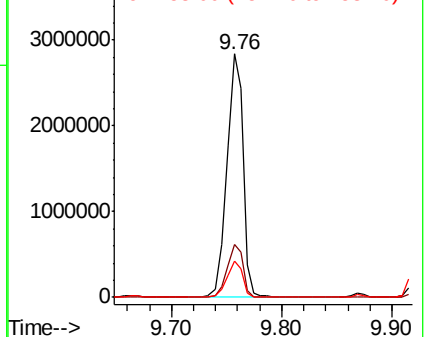
152 100

151 21.8 16.8 25.2

153 14.7 11.4 17.2



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: 36.275 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

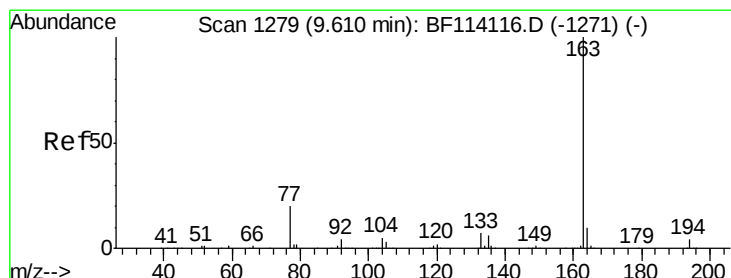
Tgt Ion:163 Resp: 1511020

Ion Ratio Lower Upper

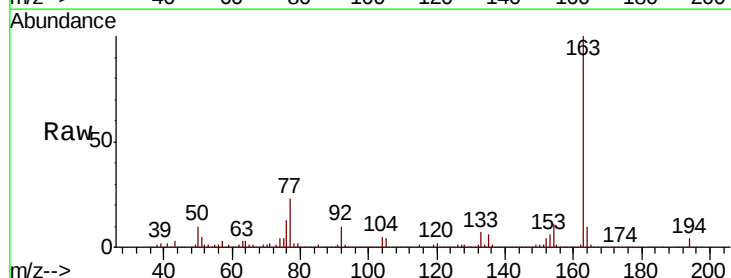
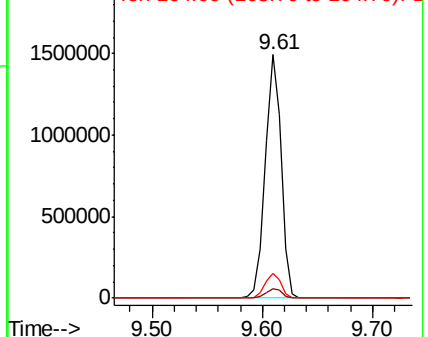
163 100

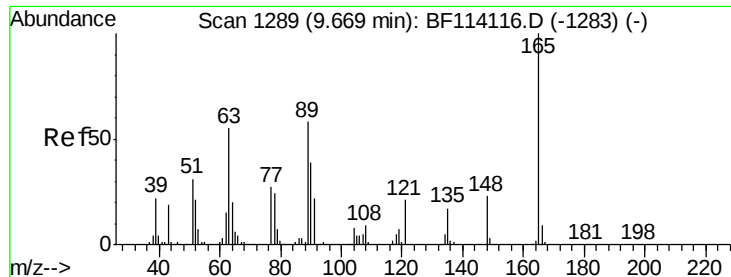
194 3.9 3.4 5.0

164 10.3 8.2 12.2



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: 29.614 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

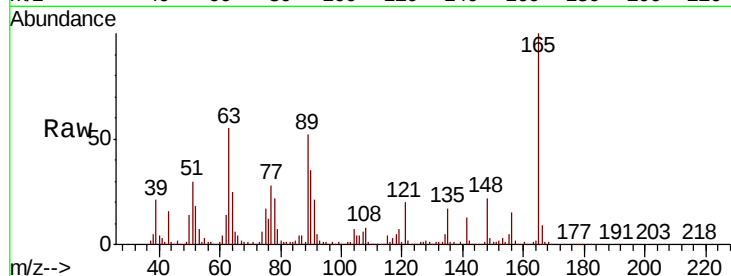
Tgt Ion:165 Resp: 273606

Ion Ratio Lower Upper

165 100

63 55.2 50.2 75.4

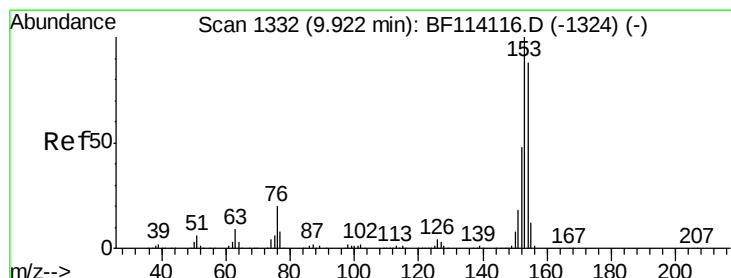
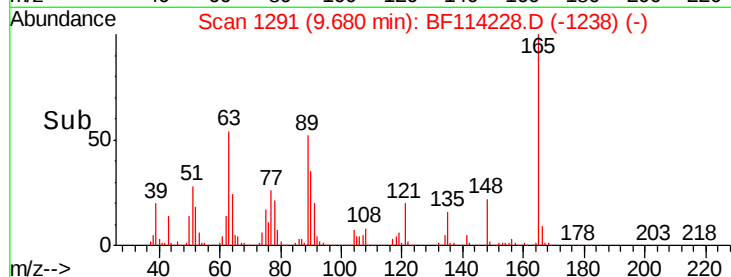
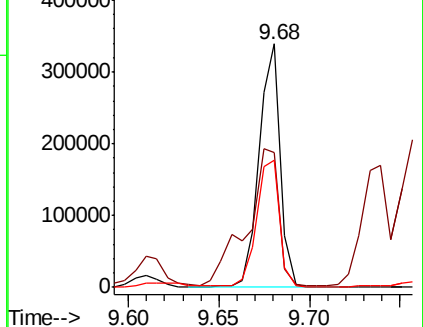
89 52.3 46.6 69.8



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: 27.231 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

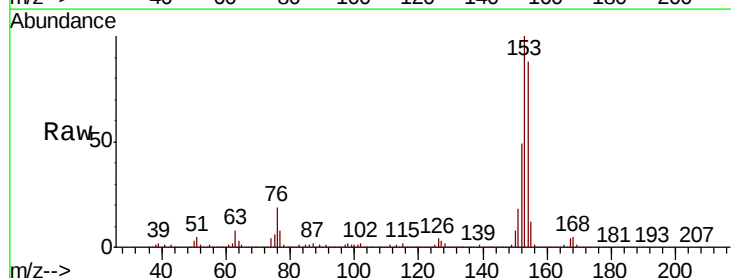
Tgt Ion:154 Resp: 937629

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

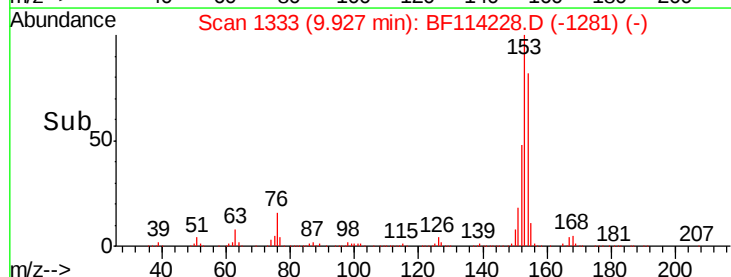
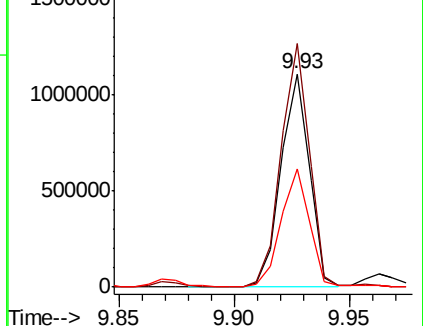
152 55.5 43.4 65.2

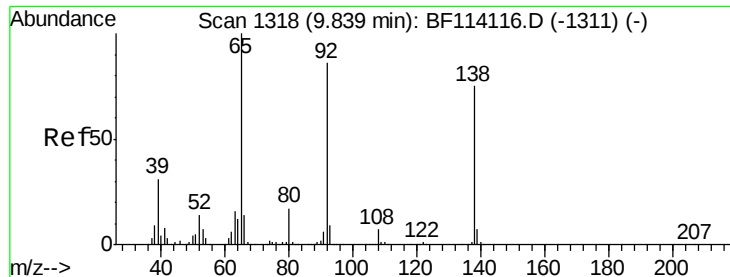


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

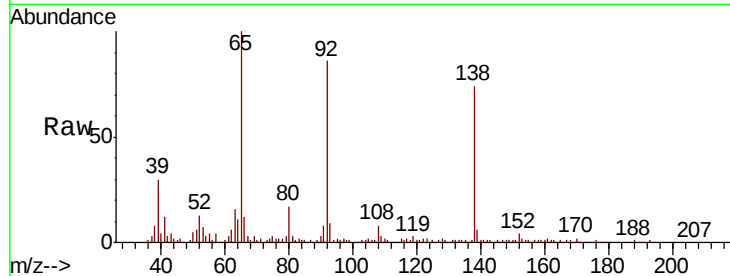




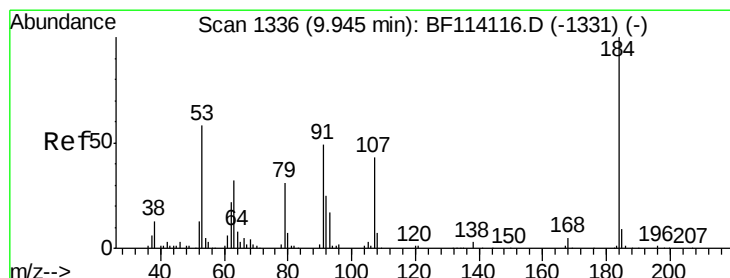
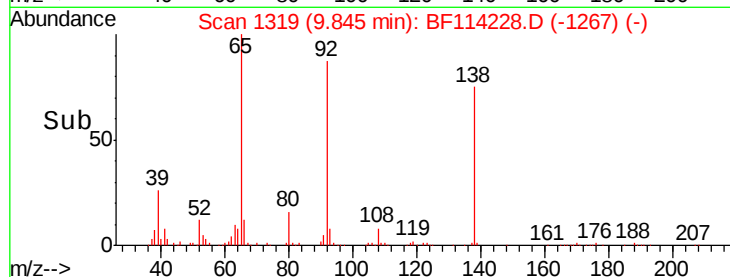
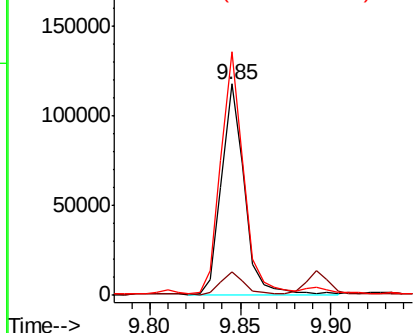
#53
 3-Nitroaniline
 Concen: 9.016 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:138 Resp: 103405
 Ion Ratio Lower Upper
 138 100
 108 11.3 7.8 11.6
 92 115.3 91.2 136.8

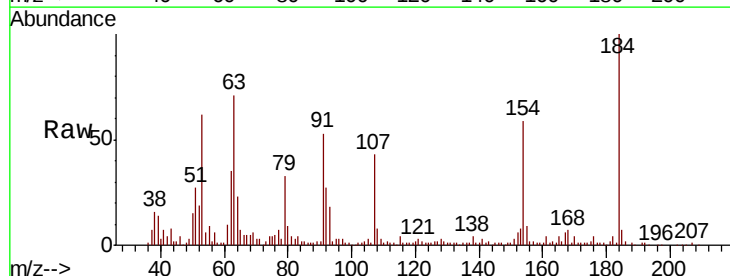


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

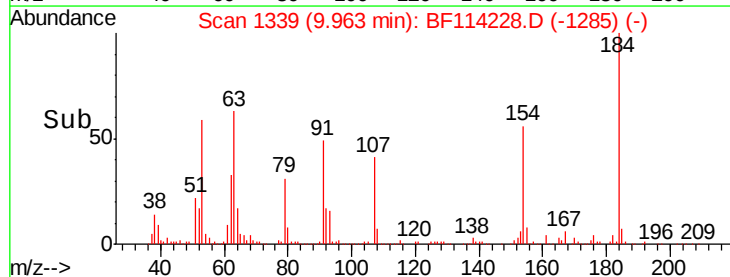
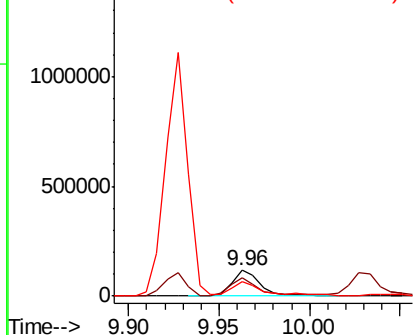


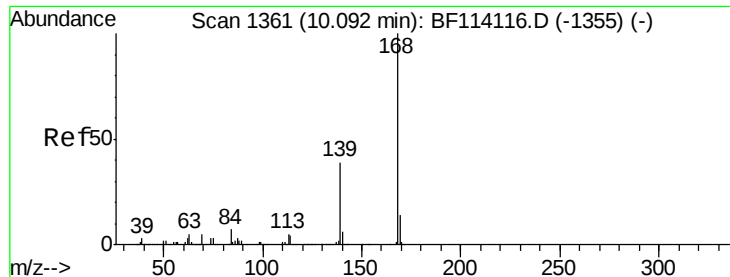
#54
 2,4-Dinitrophenol
 Concen: 32.082 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:184 Resp: 128545
 Ion Ratio Lower Upper
 184 100
 63 70.8 55.6 83.4
 154 58.8 46.0 69.0



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





#55

Dibenzofuran

Concen: 27.349 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

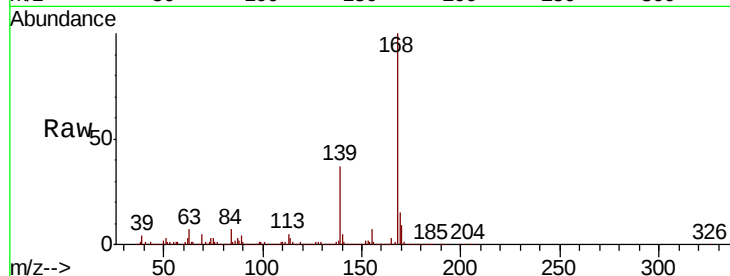
Tgt Ion:168 Resp: 1380839

Ion Ratio Lower Upper

168 100

139 36.9 31.1 46.7

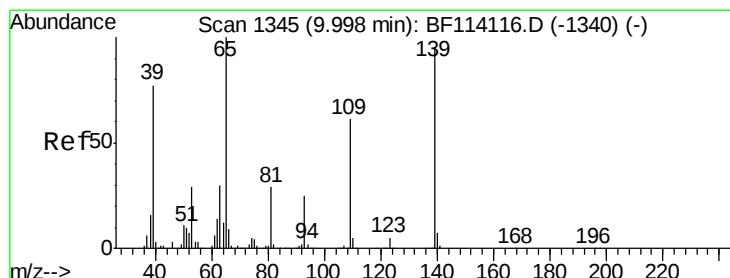
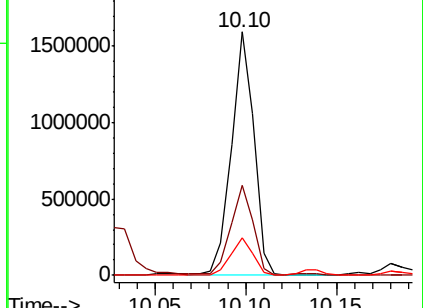
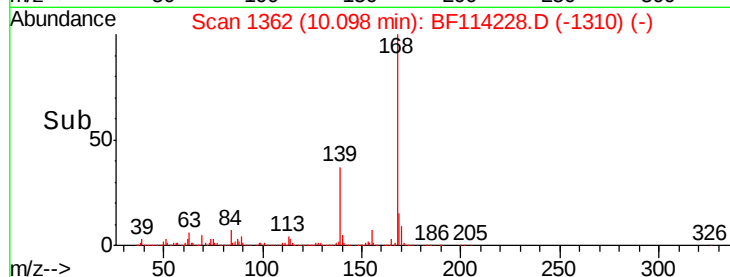
169 15.4 11.4 17.0



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: 44.365 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.03 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

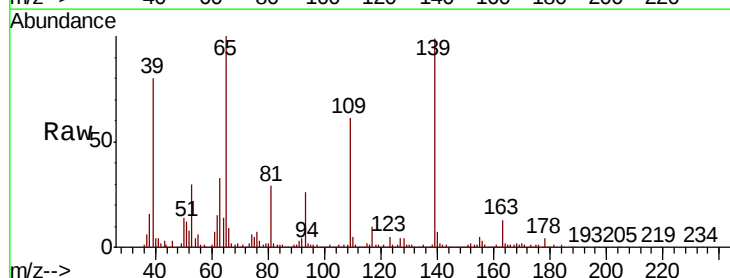
Tgt Ion:139 Resp: 359828

Ion Ratio Lower Upper

139 100

109 62.0 43.9 83.9

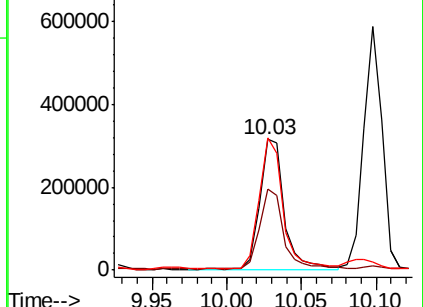
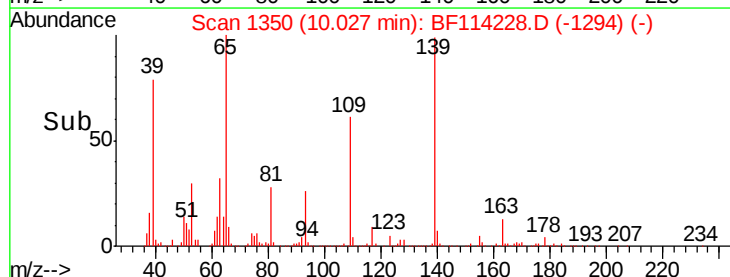
65 101.0 85.7 125.7

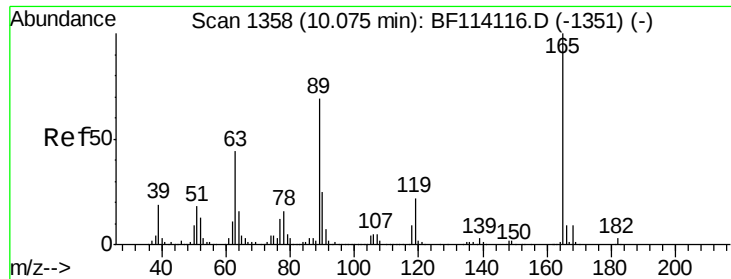


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

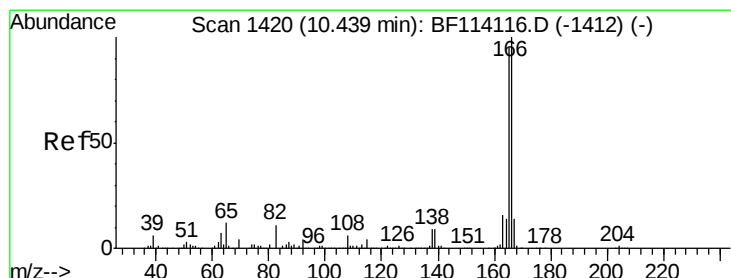
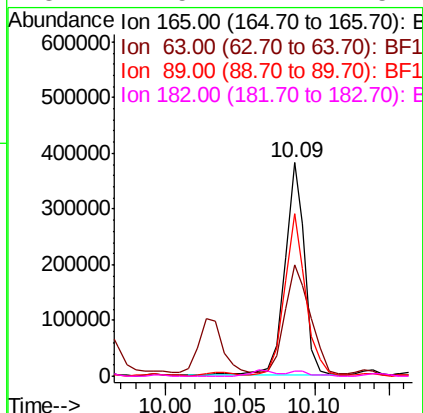
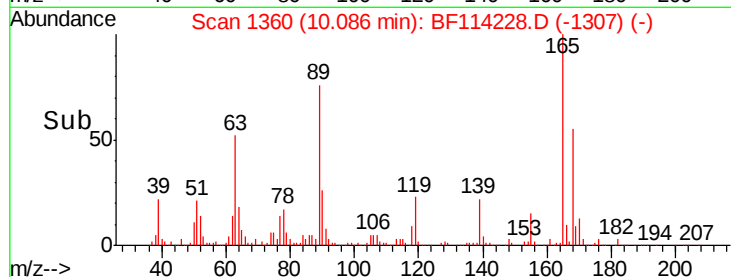
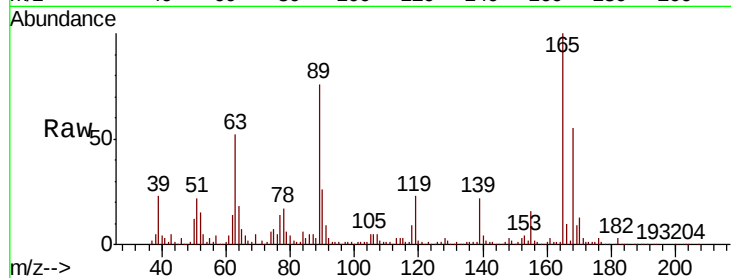




#57
2,4-Dinitrotoluene
Concen: 28.344 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

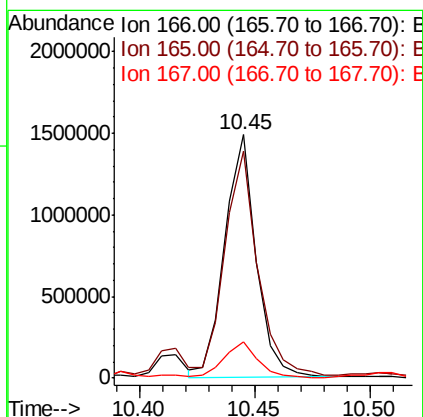
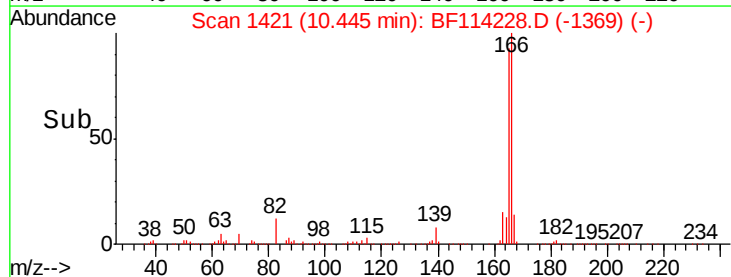
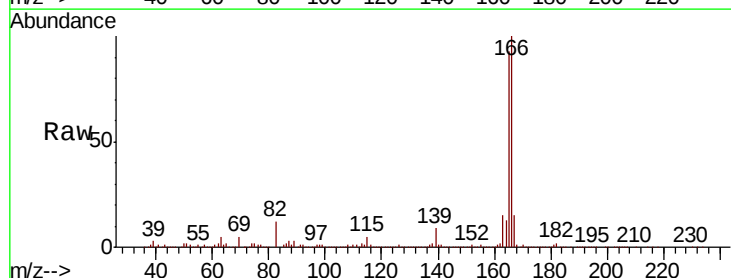
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

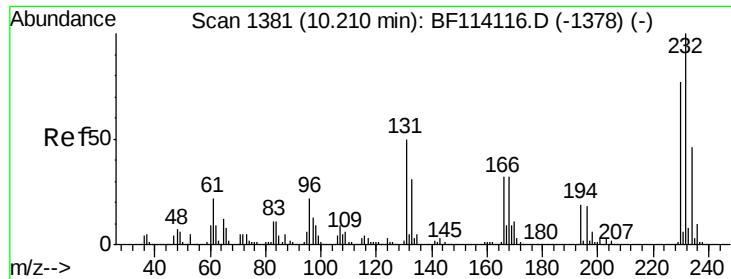
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	35.5	53.3
89	75.9	55.2	82.8
182	2.5	2.2	3.2



#58
Fluorene
Concen: 35.935 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	76.1	114.1
167	14.9	11.1	16.7

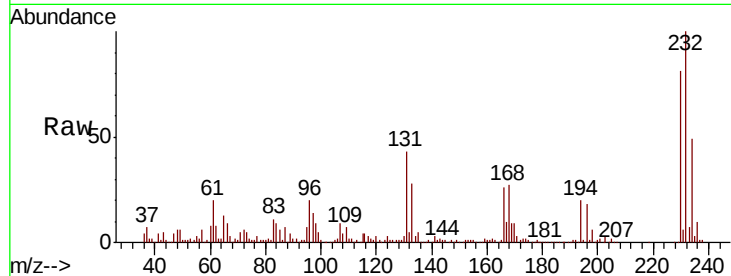




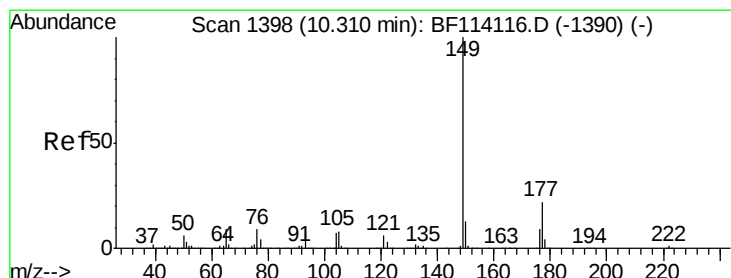
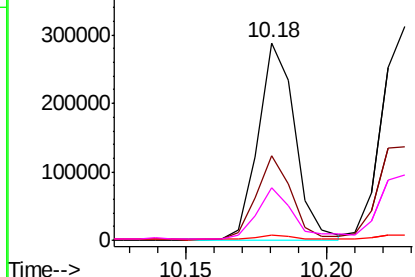
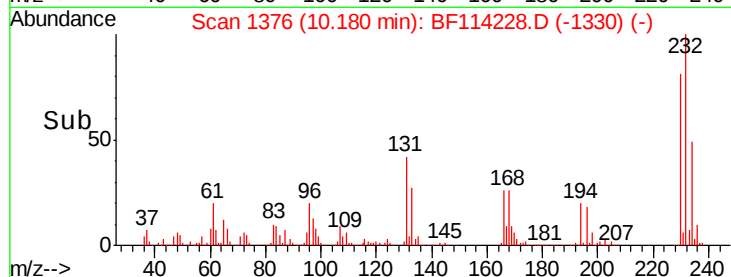
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.969 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:	232	Resp:	261218
Ion	Ratio	Lower	Upper
232	100		
131	40.7	35.6	53.4
130	2.3	1.6	2.4
166	26.1	24.1	36.1

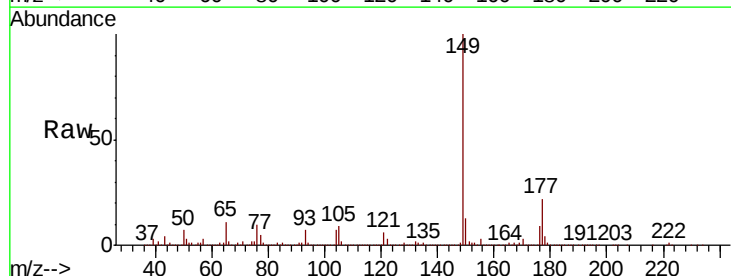


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

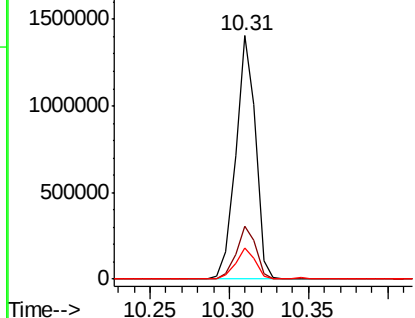
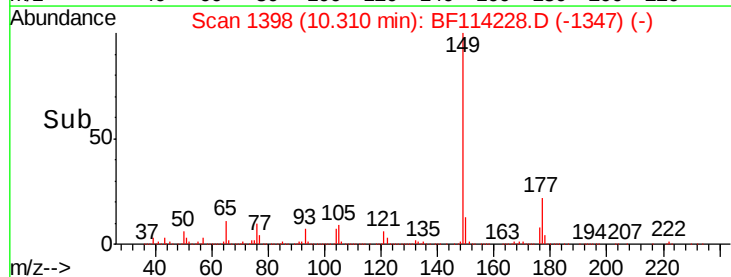


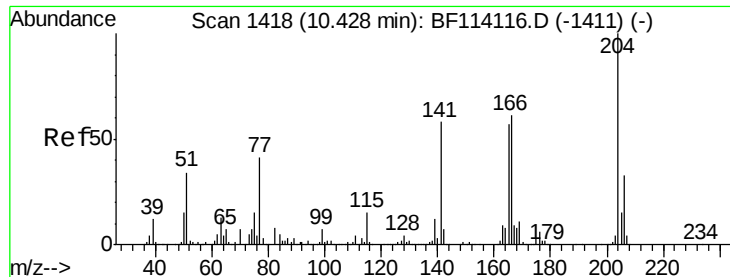
#60
 Diethylphthalate
 Concen: 28.503 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:	149	Resp:	1206357
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.7	10.2	15.2



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

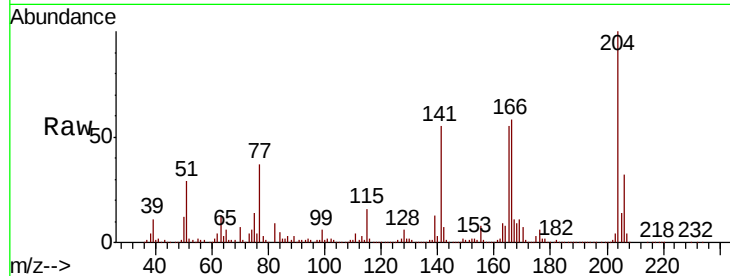




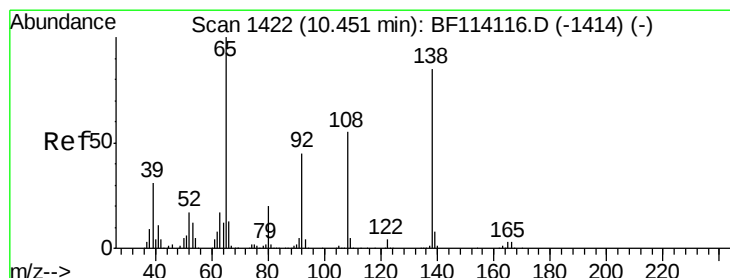
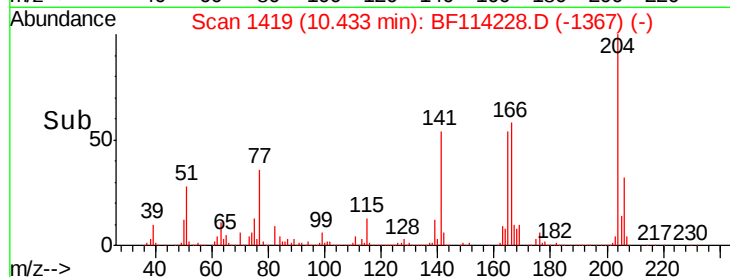
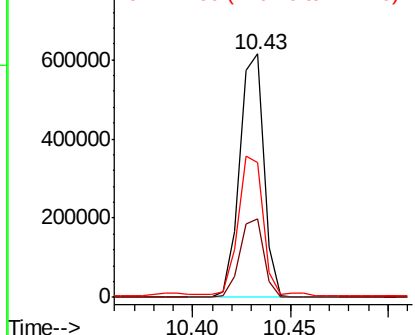
#61
4-Chlorophenyl-phenylether
Concen: 27.611 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion:204 Resp: 528863
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 55.1 46.4 69.6

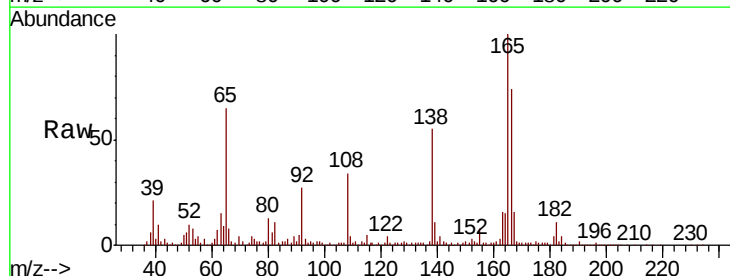


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

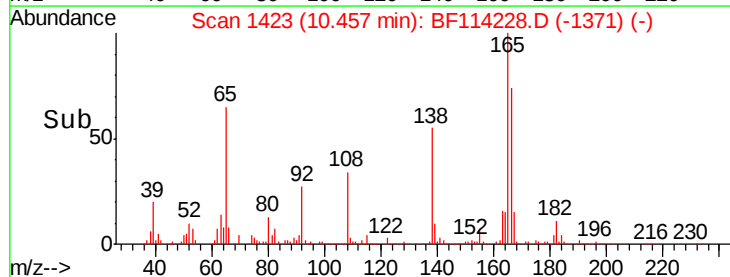
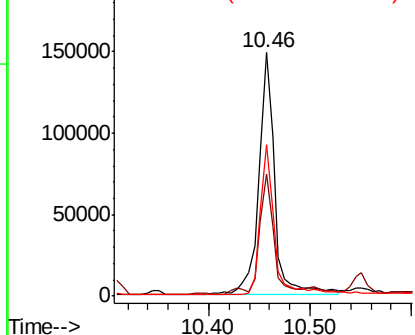


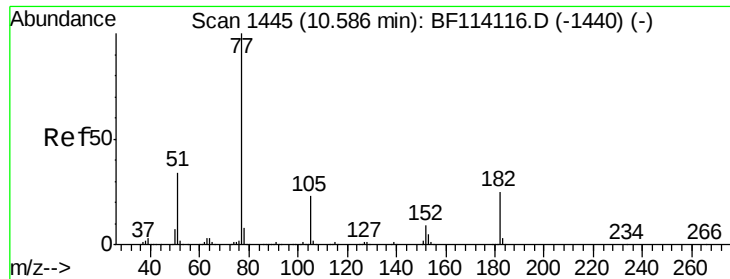
#62
4-Nitroaniline
Concen: 13.476 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:138 Resp: 162403
Ion Ratio Lower Upper
138 100
92 49.9 33.0 73.0
108 62.0 44.9 84.9



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: 27.229 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tgt Ion: 77 Resp: 1115495

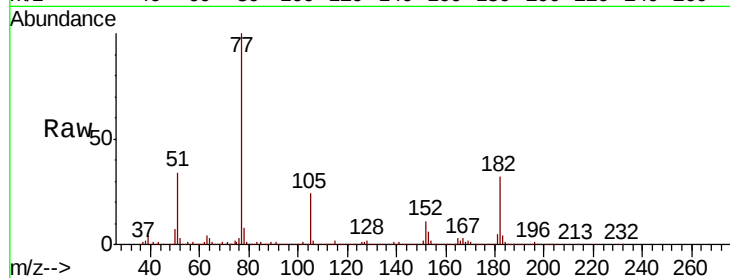
Ion Ratio Lower Upper

77 100

182 31.6 4.7 44.7

105 24.1 2.9 42.9

51 34.4 14.6 54.6

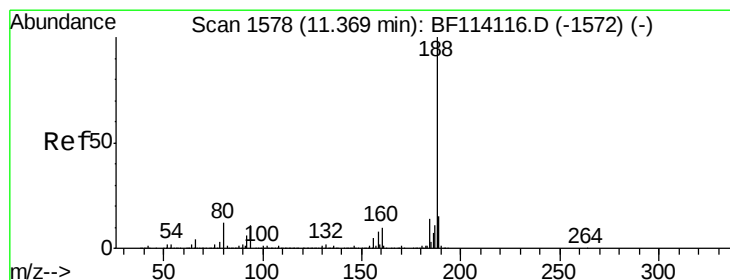
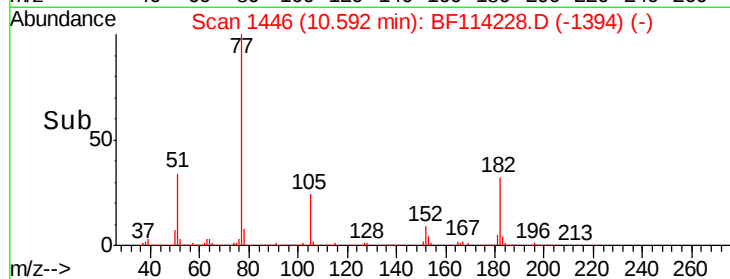
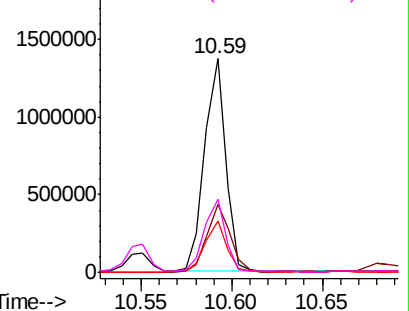


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

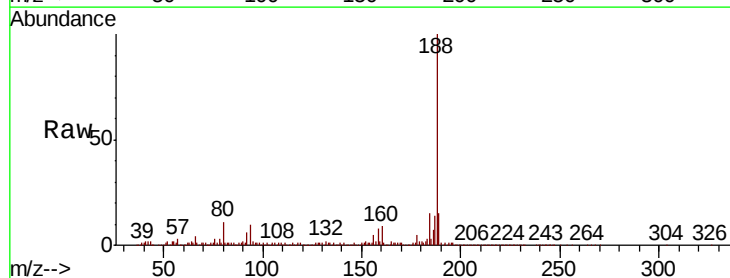
Tgt Ion: 188 Resp: 1009835

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

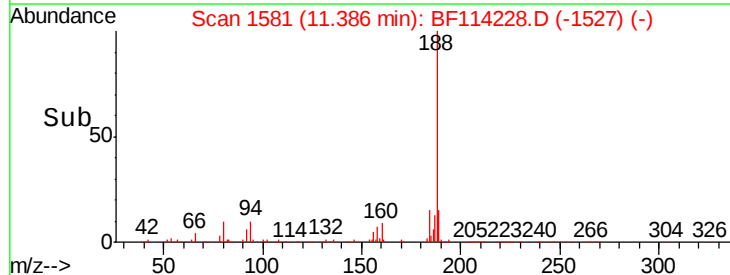
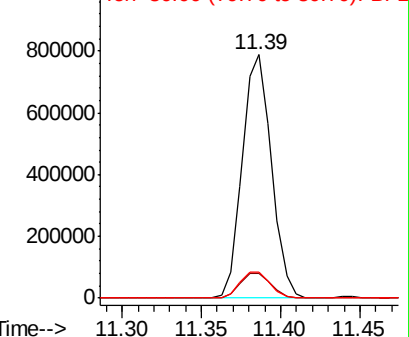
80 10.7 9.2 13.8

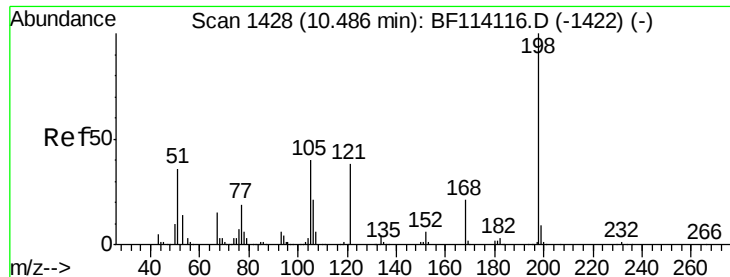


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 19.823 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

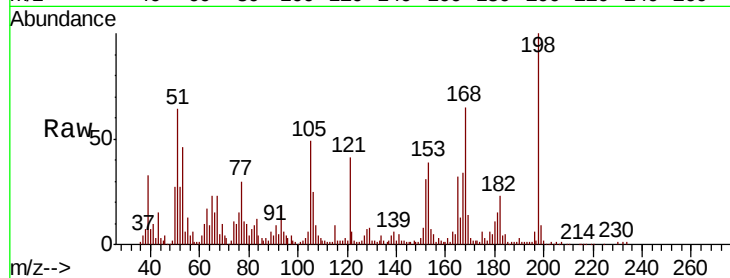
Tgt Ion:198 Resp: 96191

Ion Ratio Lower Upper

198 100

51 64.5 28.0 68.0

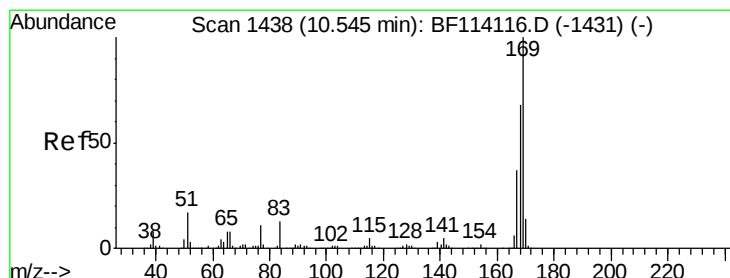
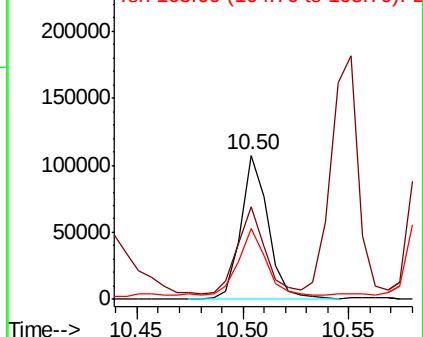
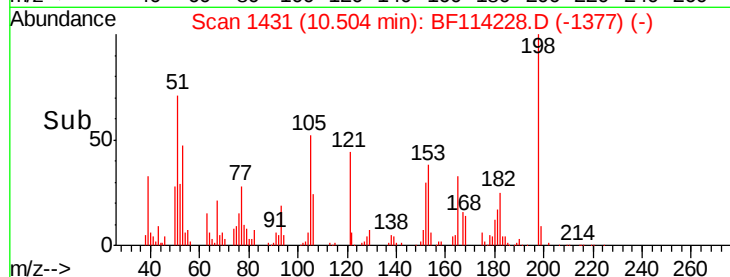
105 49.1 21.1 61.1



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: 31.736 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

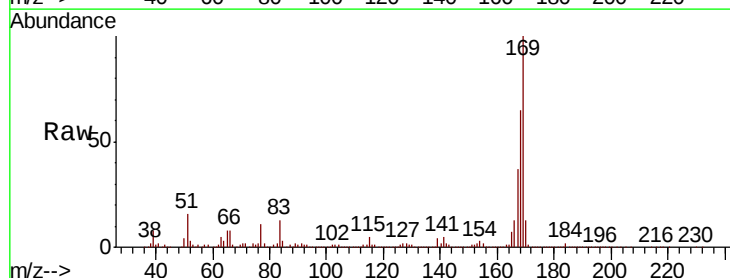
Tgt Ion:169 Resp: 972663

Ion Ratio Lower Upper

169 100

168 64.9 54.2 81.2

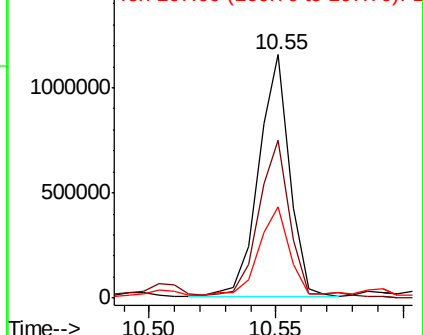
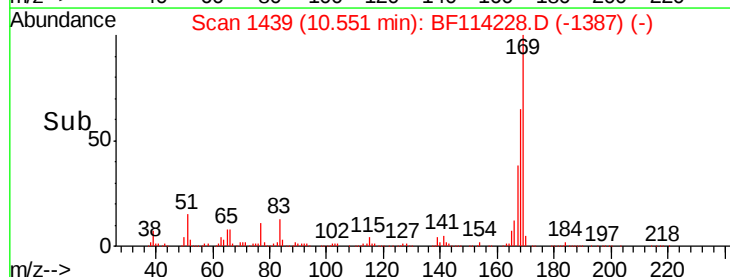
167 37.4 29.8 44.8

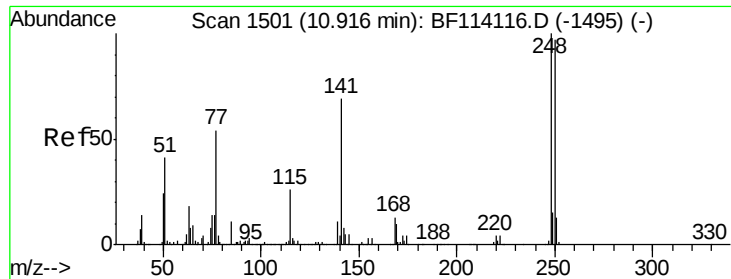


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

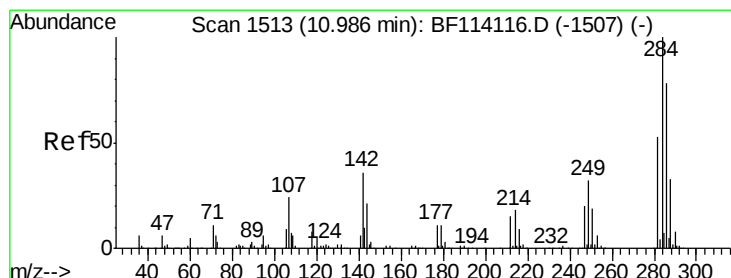
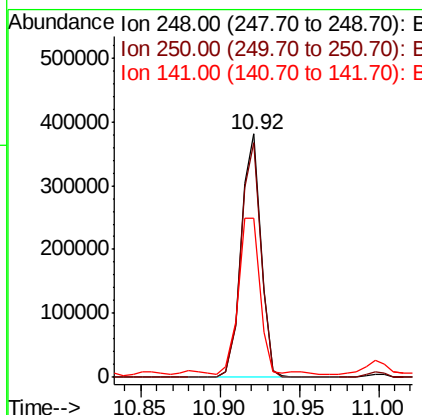
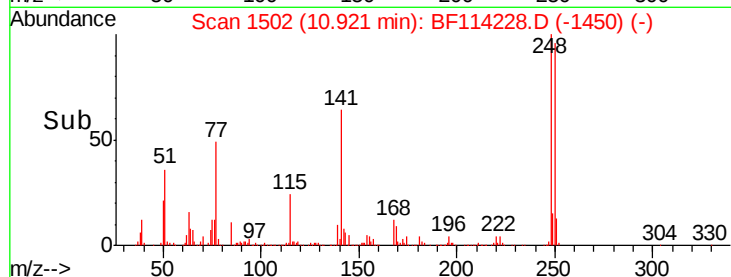
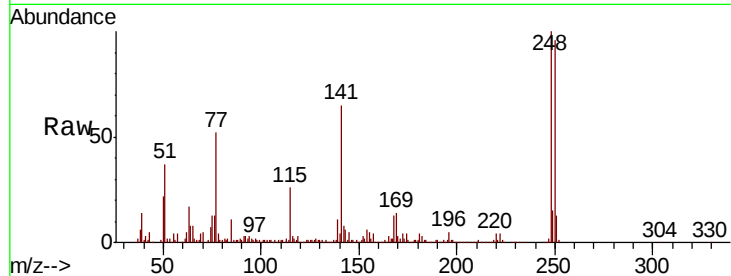




#67
4-Bromophenyl-phenylether
Concen: 29.475 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

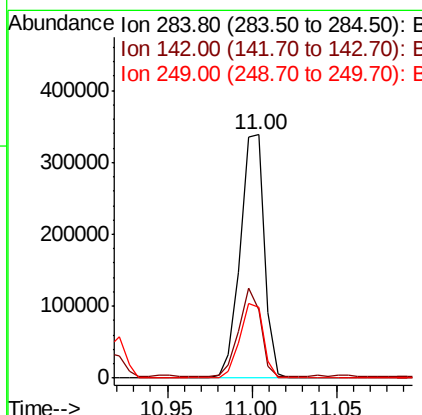
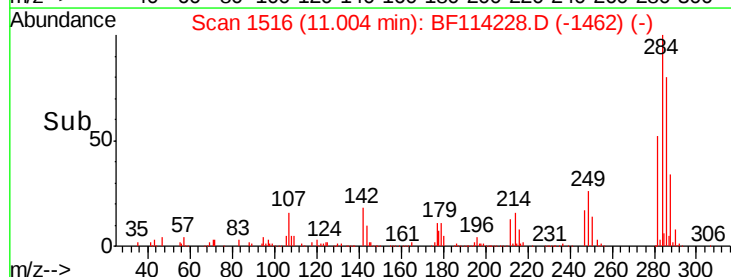
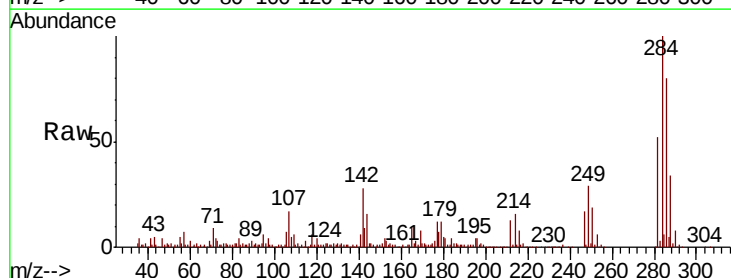
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

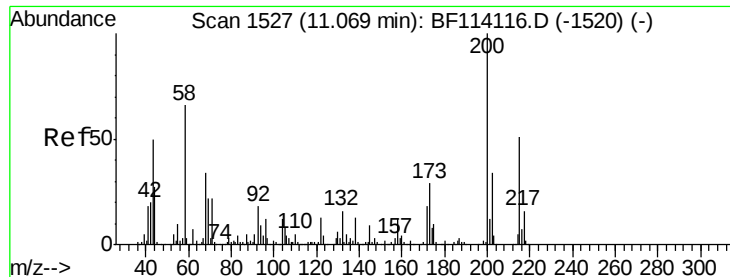
Tgt Ion:248 Resp: 327723
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.2
141 65.3 55.6 83.4



#68
Hexachlorobenzene
Concen: 27.391 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:284 Resp: 336916
Ion Ratio Lower Upper
284 100
142 27.8 28.4 42.6#
249 28.9 25.2 37.8





#69

Atrazine

Concen: 32.285 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

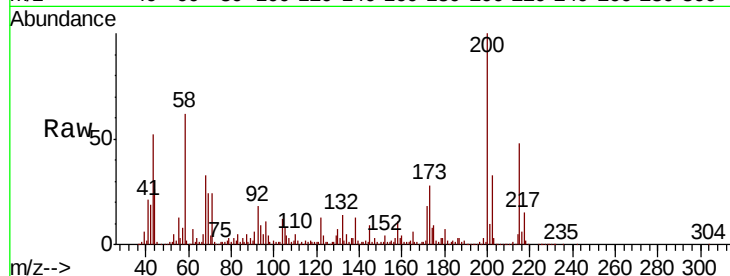
Tgt Ion:200 Resp: 307927

Ion Ratio Lower Upper

200 100

173 28.0 8.9 48.9

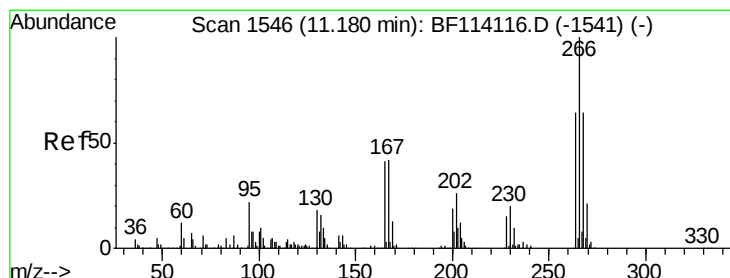
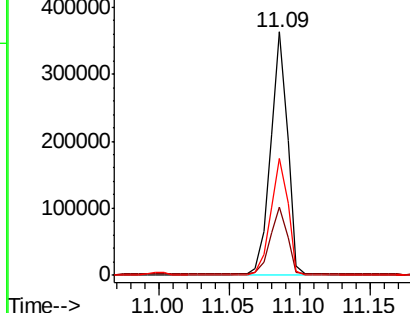
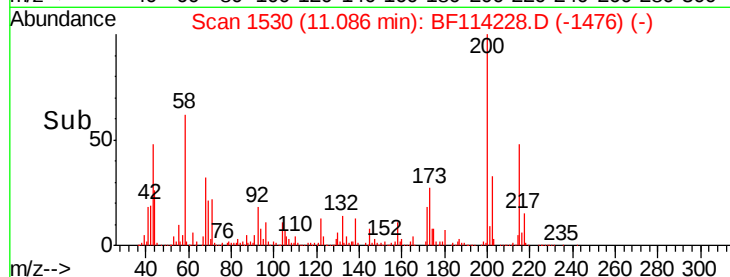
215 48.0 30.7 70.7



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: 51.056 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

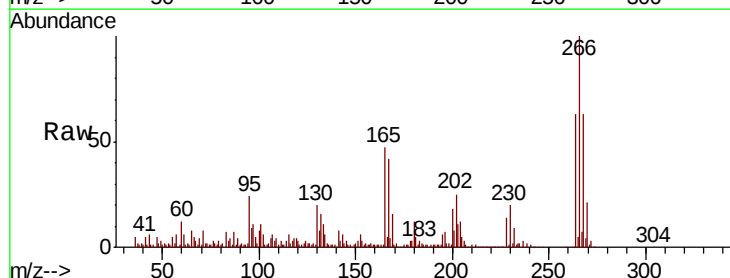
Tgt Ion:266 Resp: 297700

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

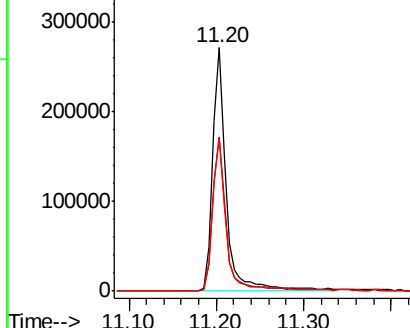
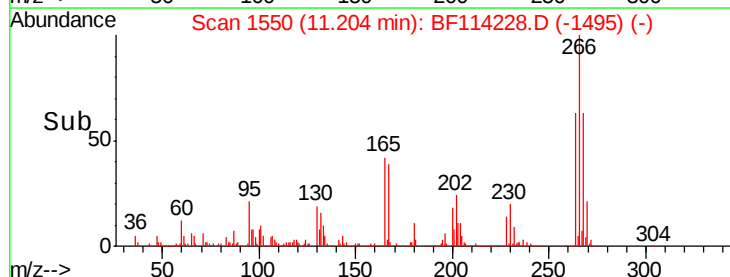
264 63.4 51.1 76.7

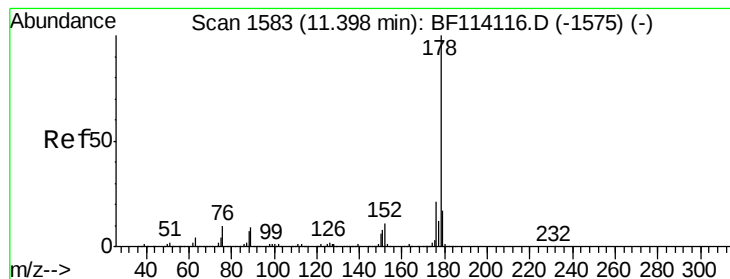


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 128.723 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

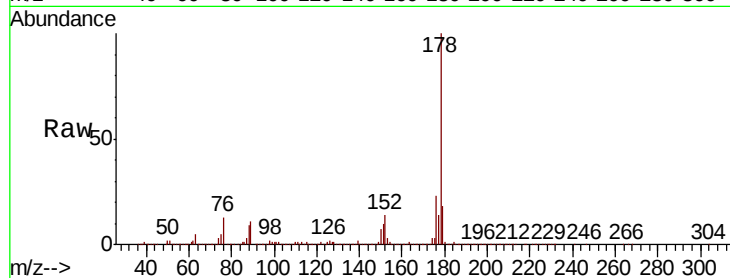
Tgt Ion:178 Resp: 6324145

Ion Ratio Lower Upper

178 100

176 23.2 16.4 24.6

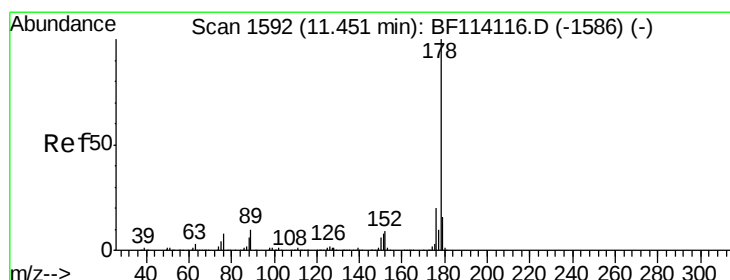
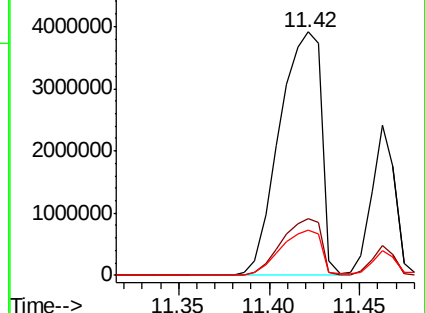
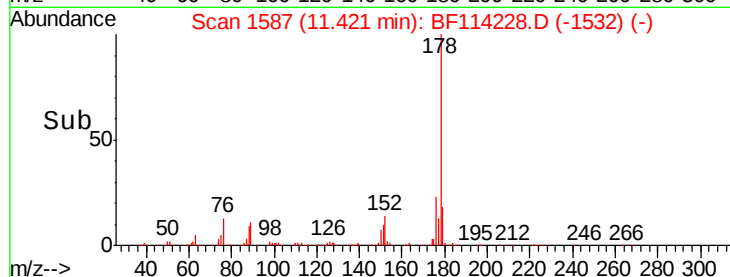
179 18.4 13.2 19.8



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: 42.278 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

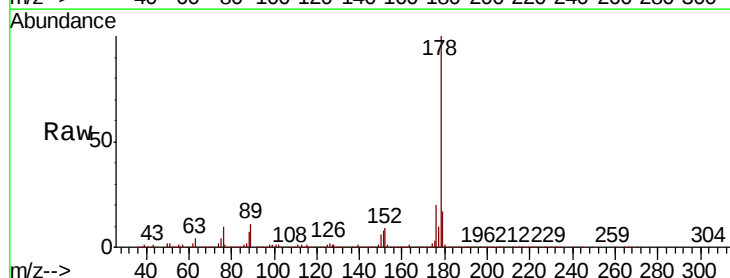
Tgt Ion:178 Resp: 2086258

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

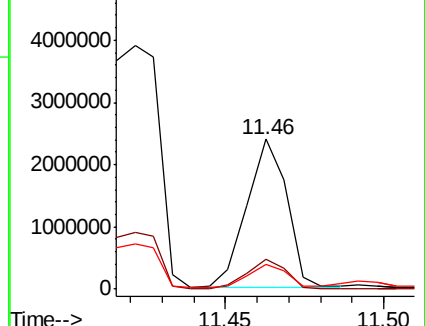
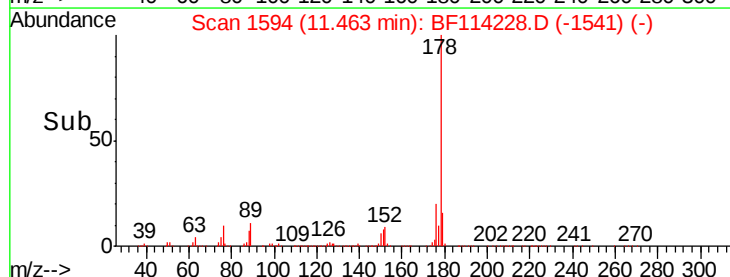
179 16.7 13.0 19.4

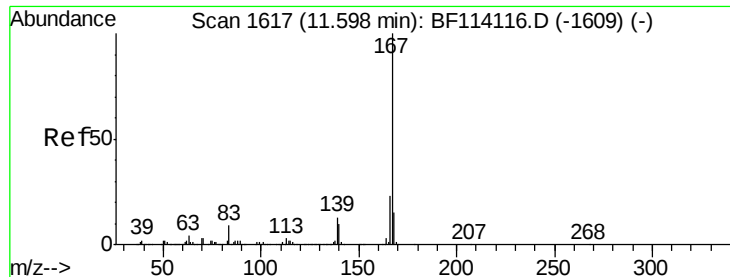


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

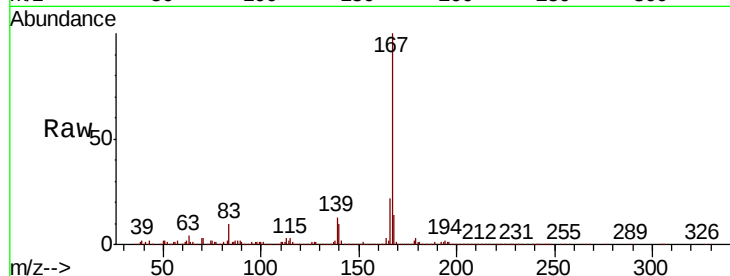




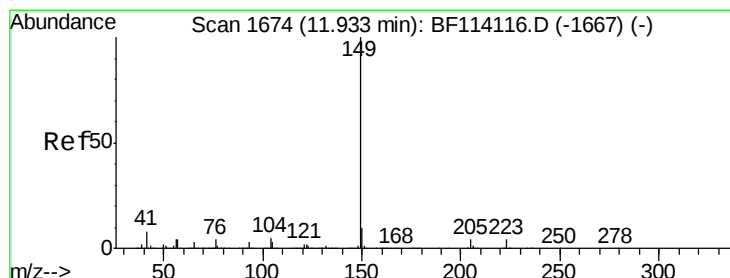
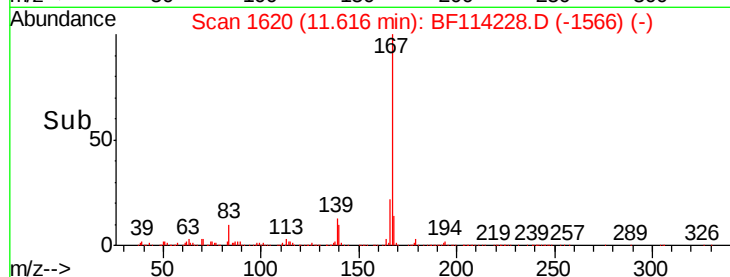
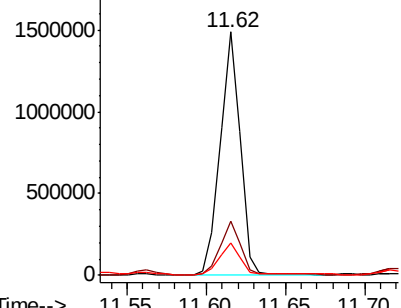
#73
 Carbazole
 Concen: 27.655 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tgt Ion:167 Resp: 1301359
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.4 10.6 16.0

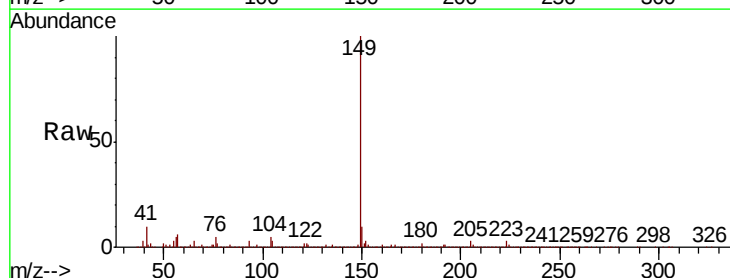


Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

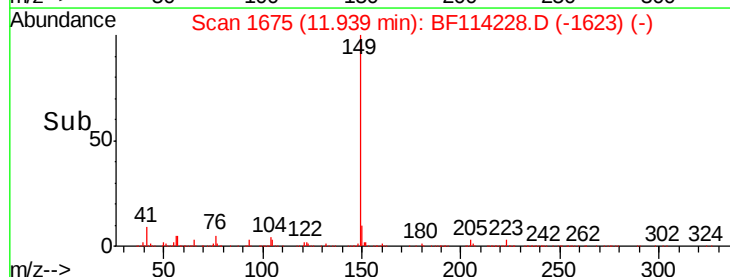
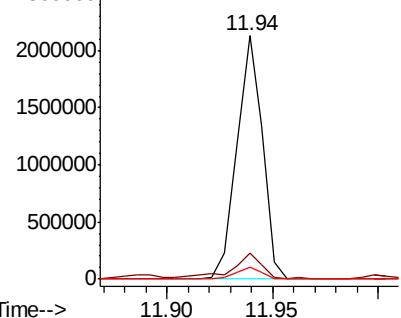


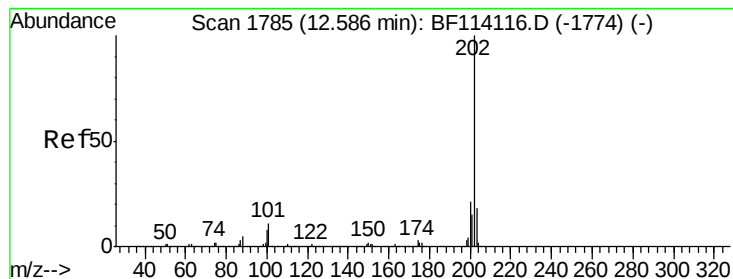
#74
 Di-n-butylphthalate
 Concen: 32.929 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:149 Resp: 1785182
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.7 11.5
 104 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 117.823 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.04 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

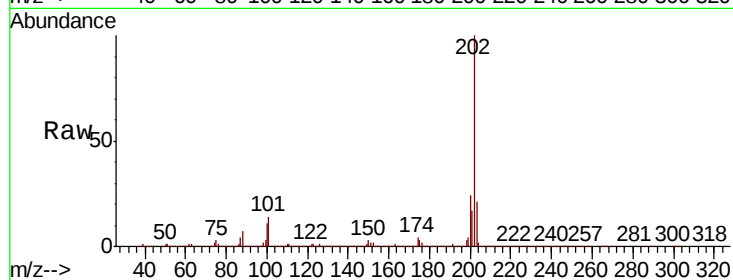
Tgt Ion:202 Resp: 6233583

Ion Ratio Lower Upper

202 100

101 14.2 0.0 31.0

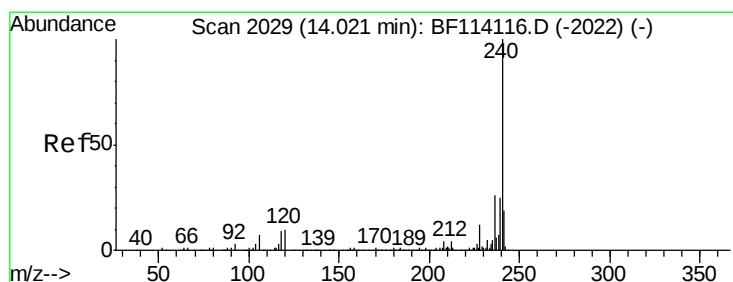
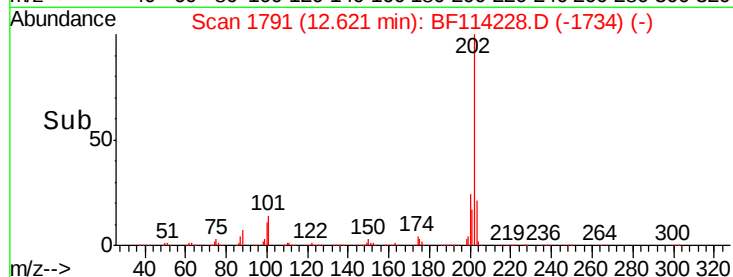
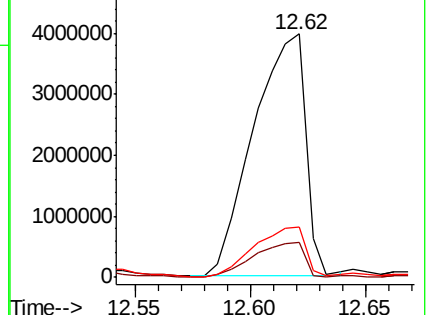
203 20.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

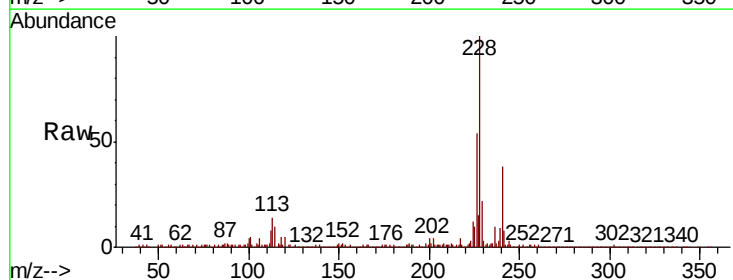
Tgt Ion:240 Resp: 479460

Ion Ratio Lower Upper

240 100

120 13.5 8.3 12.5#

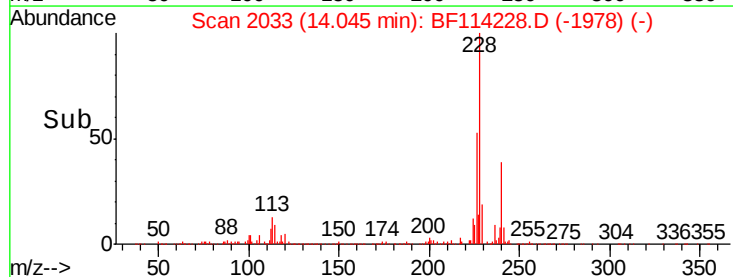
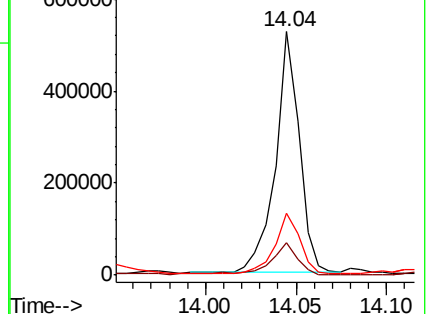
236 25.7 20.8 31.2

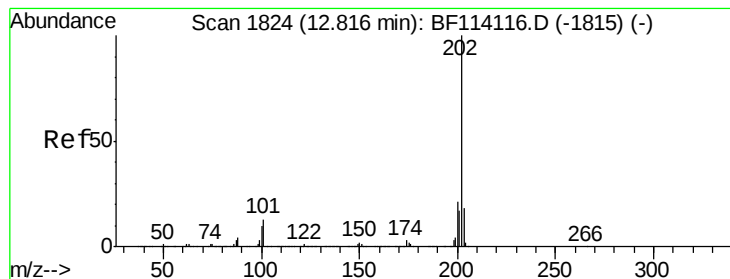


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 232.533 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.05 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

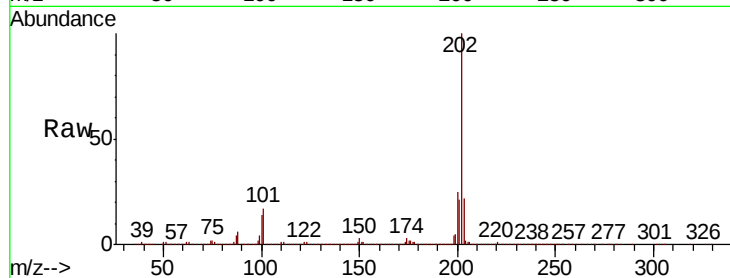
Tgt Ion:202 Resp: 8968851

Ion Ratio Lower Upper

202 100

200 25.3 16.9 25.3

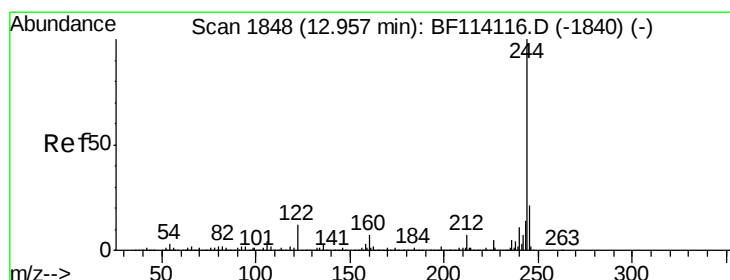
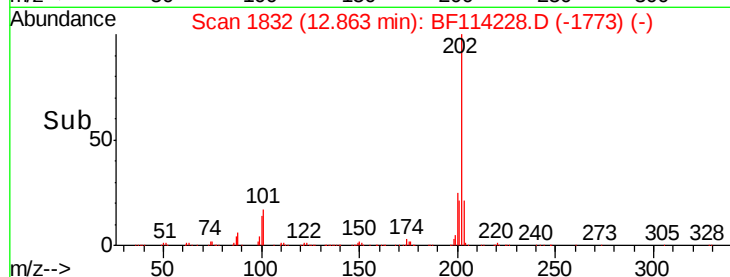
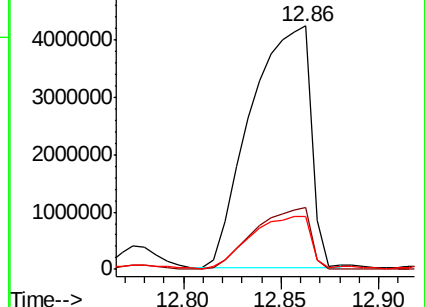
203 21.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 68.863 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

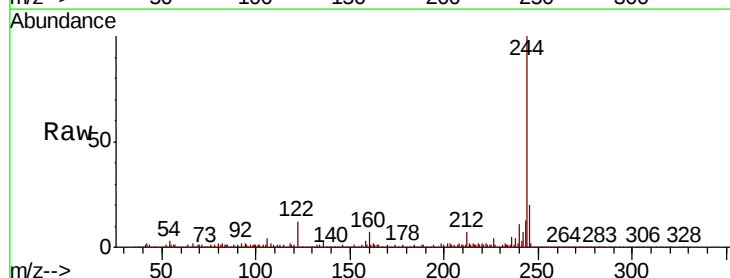
Tgt Ion:244 Resp: 1601661

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

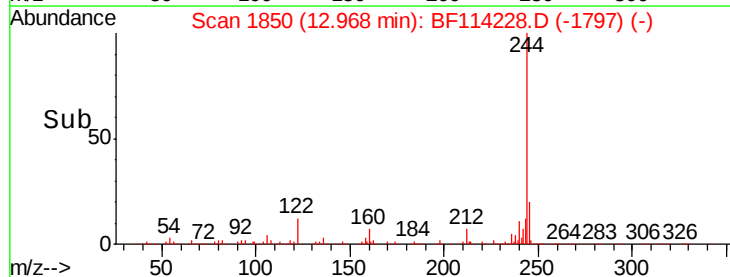
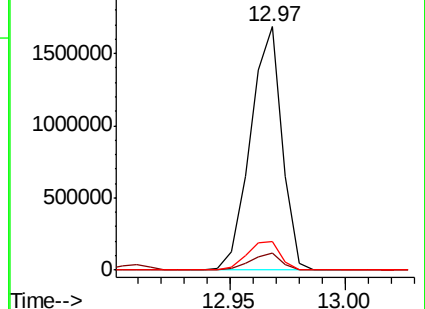
122 11.7 9.4 14.2

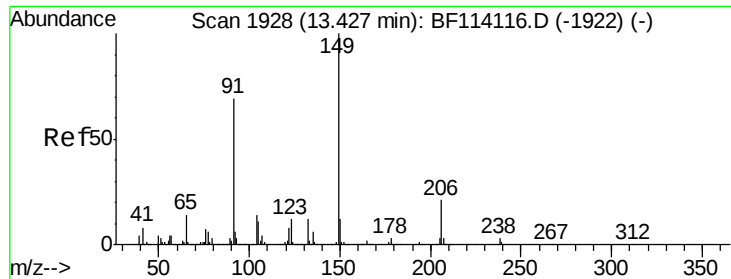


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

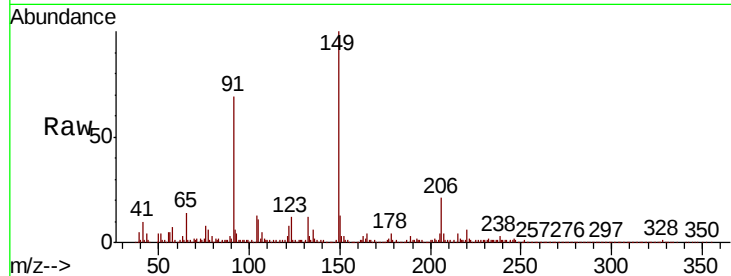




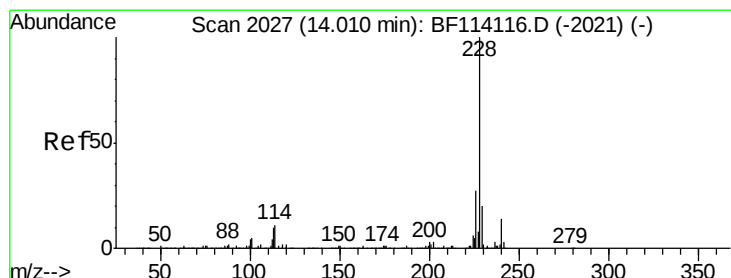
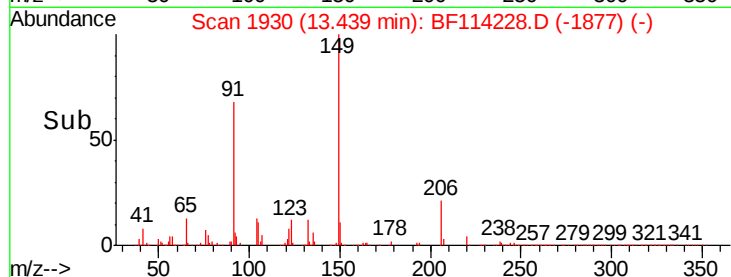
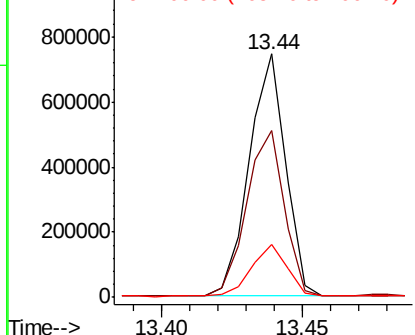
#80
Butylbenzylphthalate
Concen: 40.940 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion:149 Resp: 664642
Ion Ratio Lower Upper
149 100
91 68.6 55.0 82.4
206 21.5 16.9 25.3

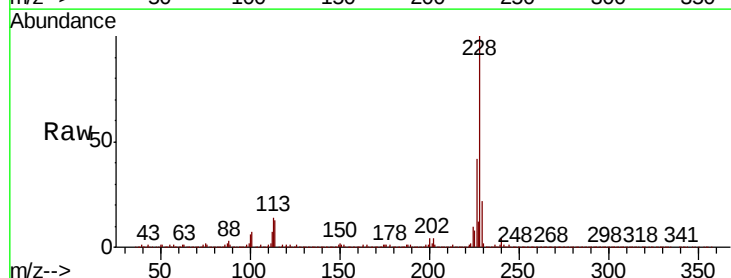


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

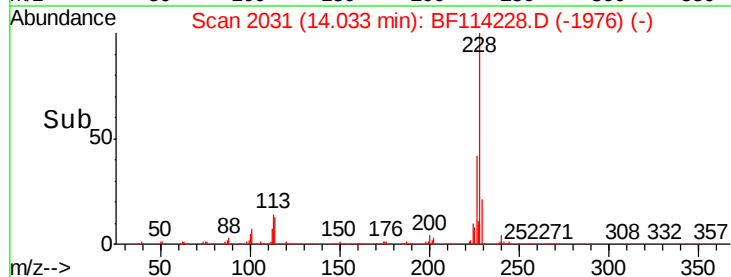
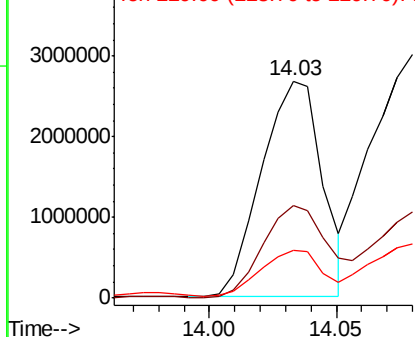


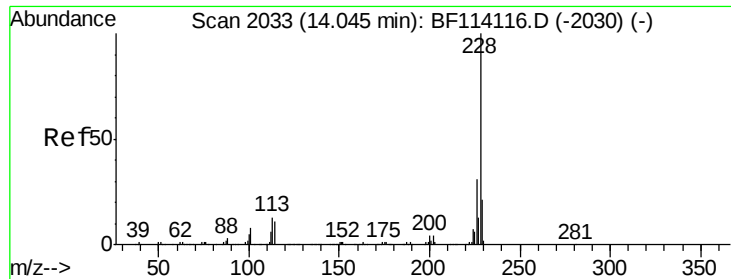
#81
Benzo(a)anthracene
Concen: 144.133 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:228 Resp: 4469755
Ion Ratio Lower Upper
228 100
226 42.5 22.2 33.2#
229 22.2 16.4 24.6



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





#83

Chrysene

Concen: 147.566 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.04 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

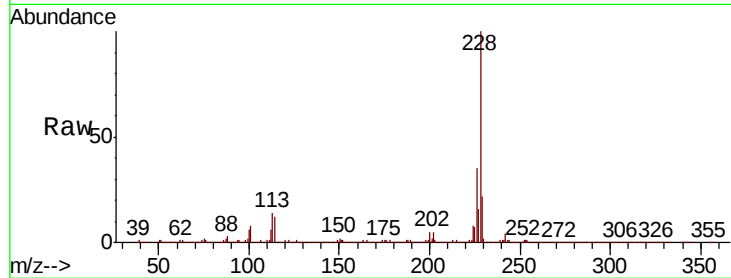
Tgt Ion:228 Resp: 4485979

Ion Ratio Lower Upper

228 100

226 35.4 25.0 37.6

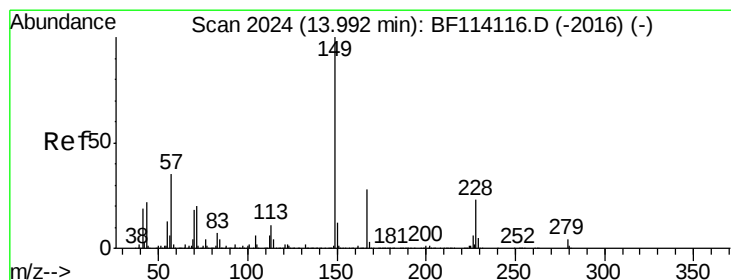
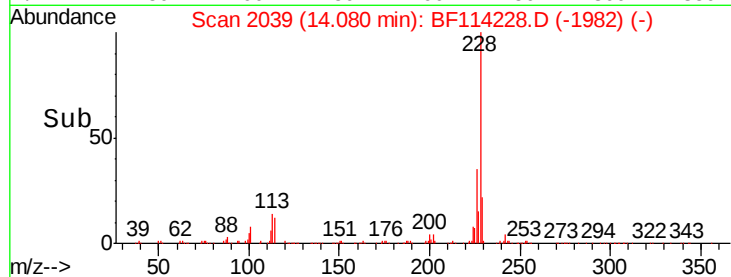
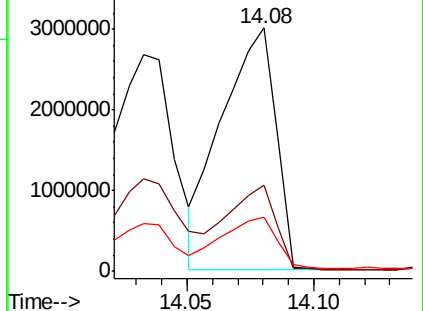
229 22.3 17.0 25.6



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: 48.382 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

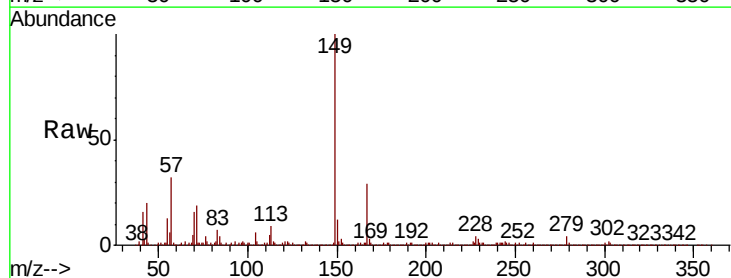
Tgt Ion:149 Resp: 1027284

Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

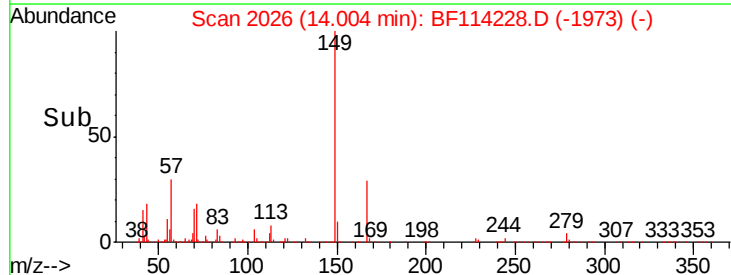
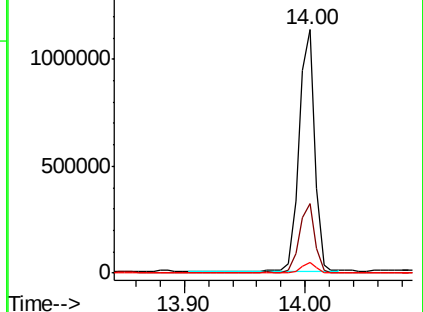
279 4.2 3.0 4.6

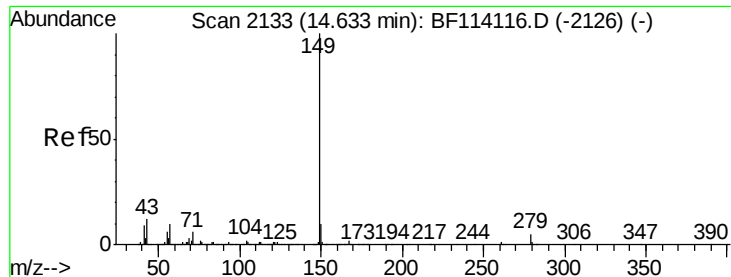


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.424 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

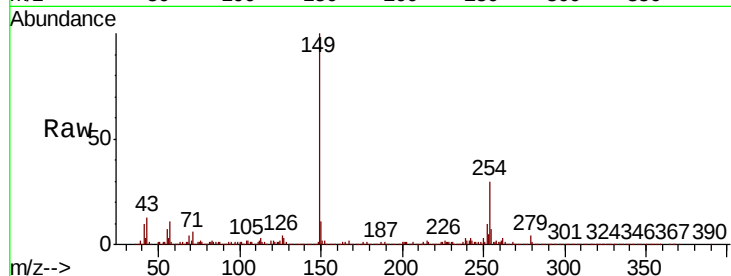
Tgt Ion:149 Resp: 1529062

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

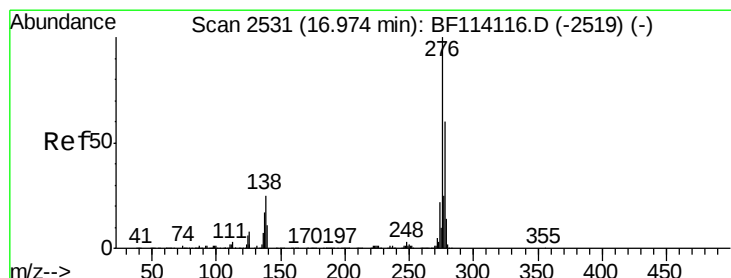
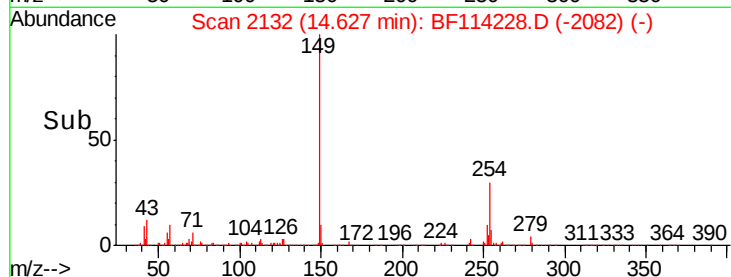
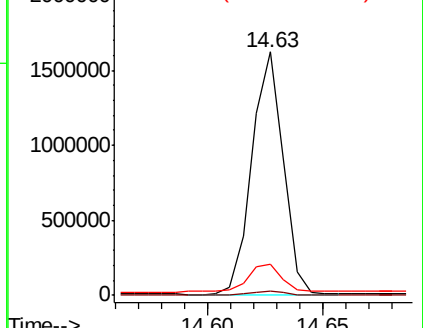
43 12.9 10.1 15.1



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: 89.593 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.08 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

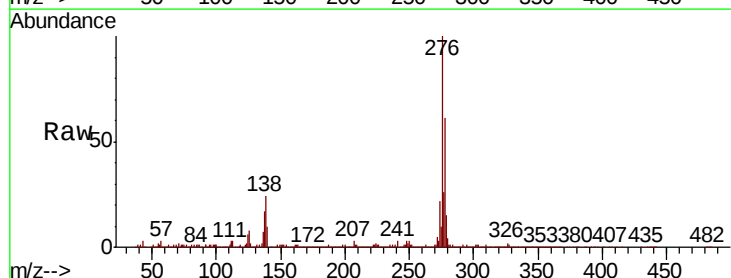
Tgt Ion:276 Resp: 2407083

Ion Ratio Lower Upper

276 100

138 23.1 20.2 30.2

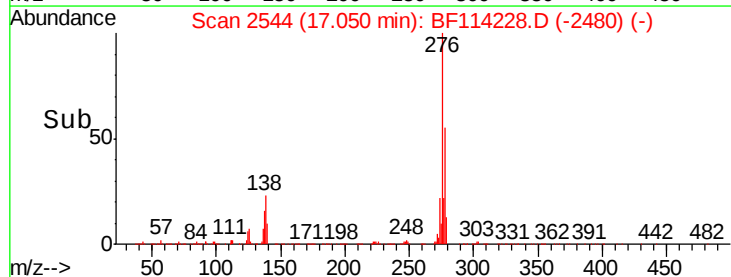
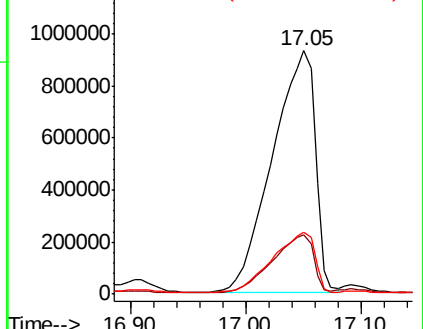
277 24.6 20.0 30.0

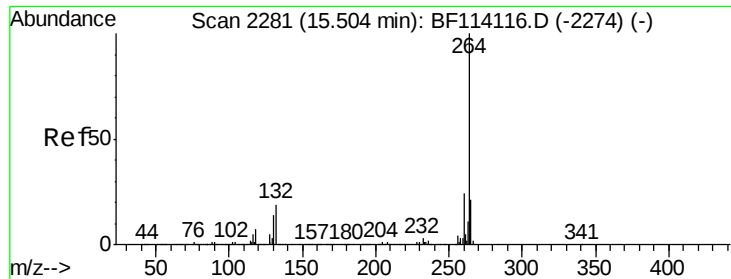


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



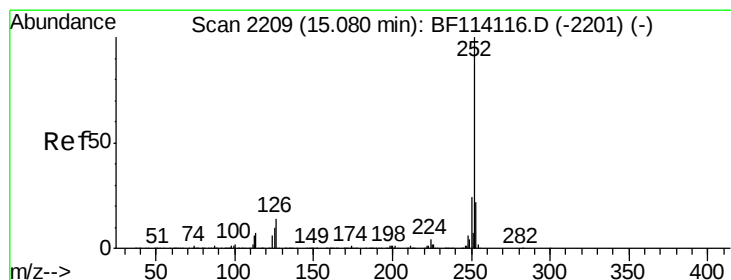
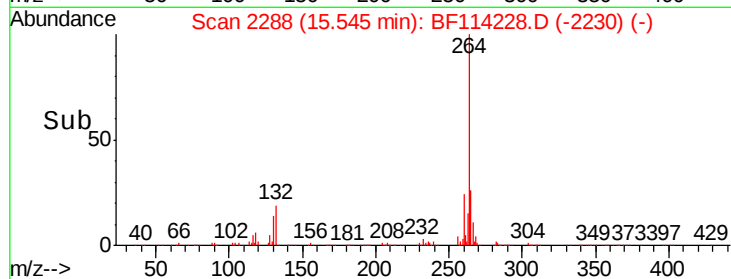
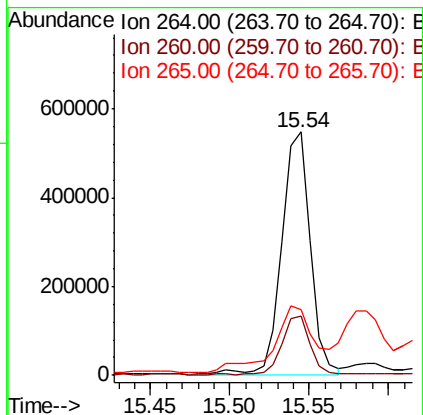
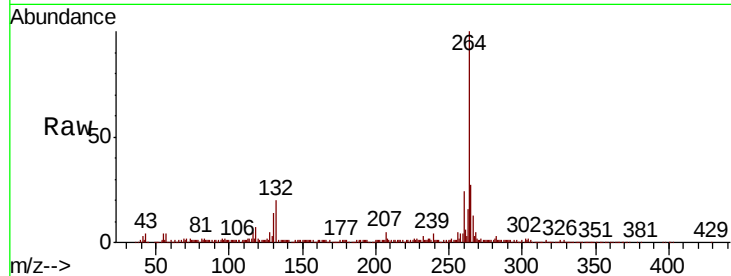


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.04 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tgt Ion: 264 Resp: 678767

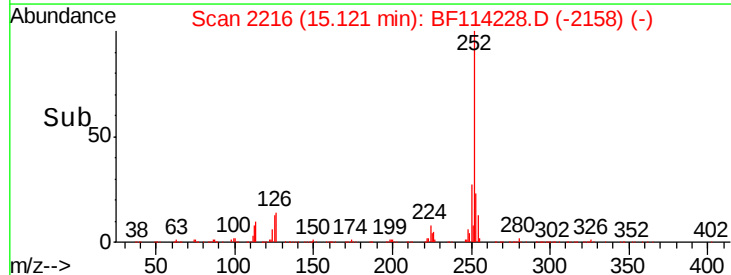
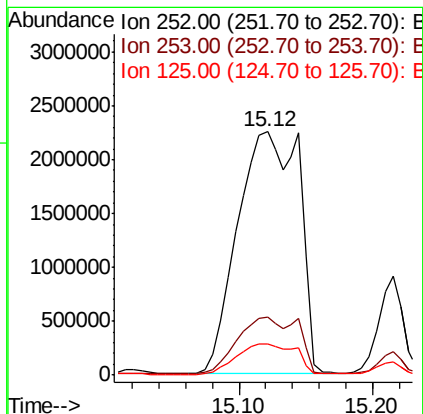
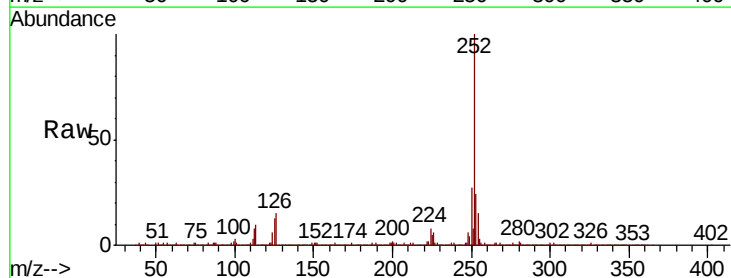
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	27.1	16.9	25.3

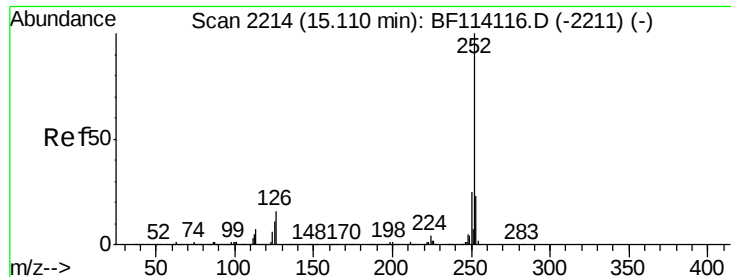


#88
Benzo(b)fluoranthene
Concen: 165.627 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion: 252 Resp: 7202407

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	13.0	8.3	12.5

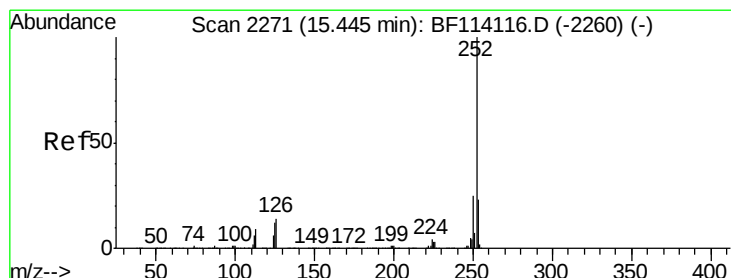
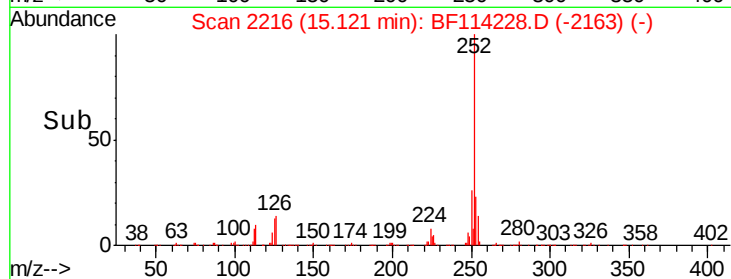
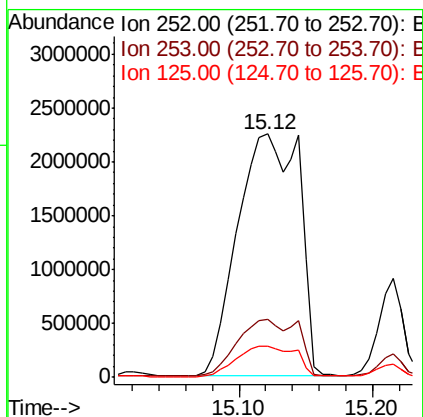
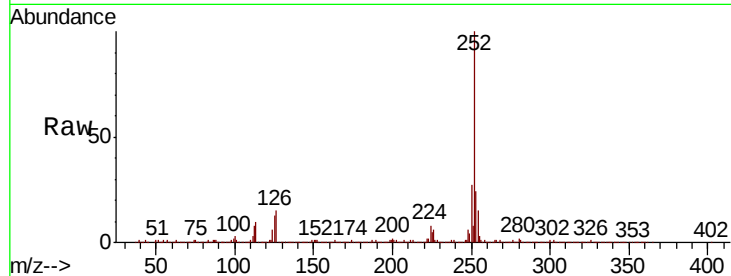




#89
Benzo(k)fluoranthene
Concen: 180.304 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

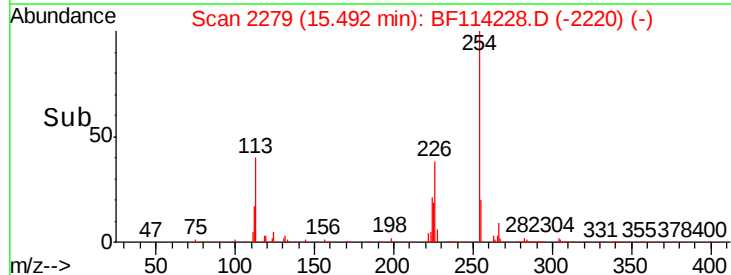
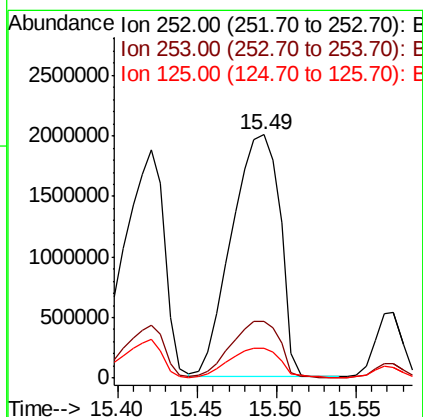
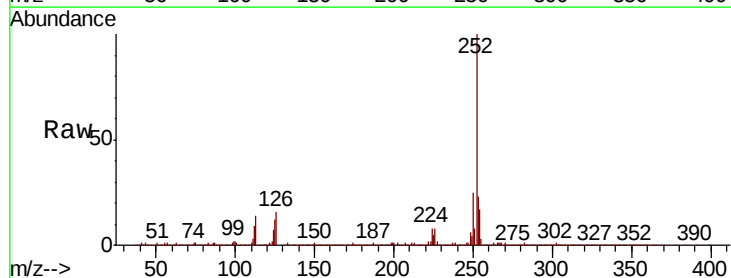
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

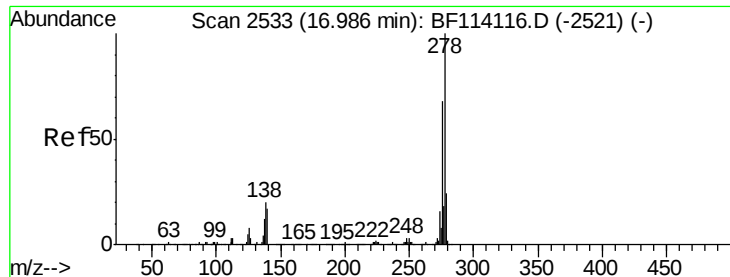
Tgt Ion:252 Resp: 7202407
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 13.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 110.675 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.05 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:252 Resp: 4235649
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 12.3 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 34.758 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.06 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

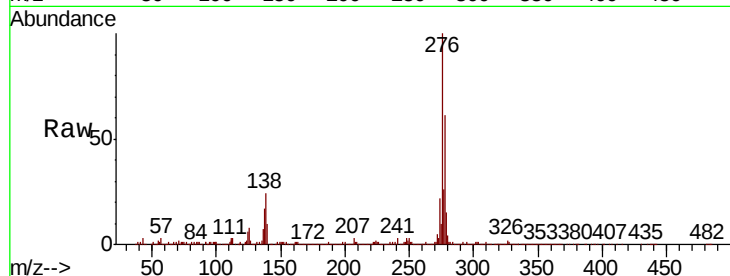
Tgt Ion:278 Resp: 1105366

Ion Ratio Lower Upper

278 100

139 17.2 13.5 20.3

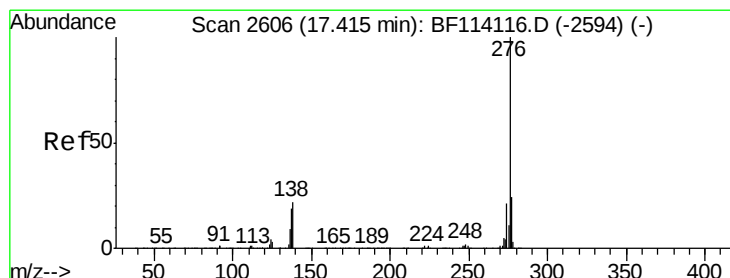
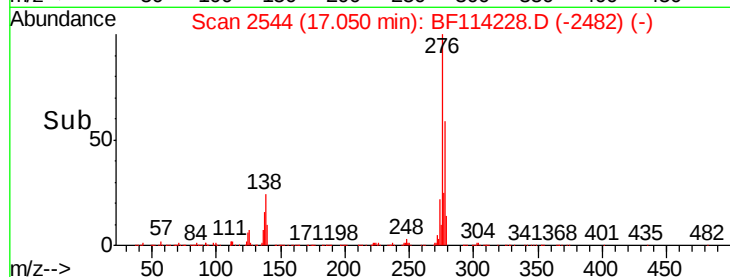
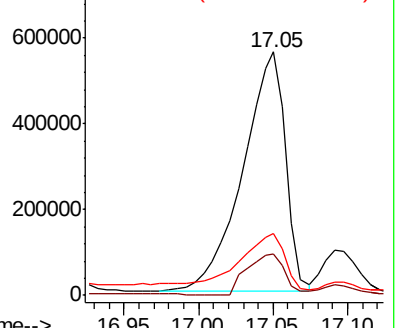
279 25.4 19.0 28.6



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: 83.999 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

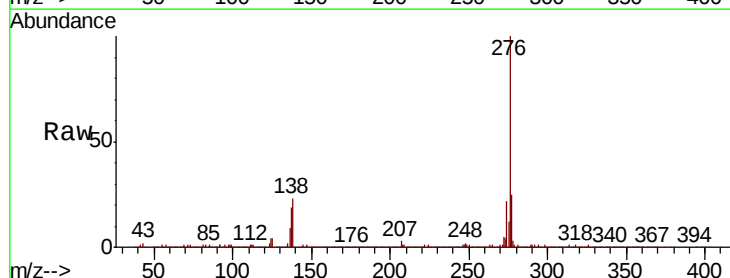
Tgt Ion:276 Resp: 2677022

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 23.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

