

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114234.D
 Acq On : 13 May 2019 17:34
 Operator : JU/SJ
 Sample : K2765-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Quant Time: May 14 04:47:48 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	218380	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	841810	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	410923	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	785051	20.00	ng	0.01
76) Chrysene-d12	14.04	240	365267	20.00	ng	0.02
87) Perylene-d12	15.54	264	476361	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1380733	101.75	ng	0.01
7) Phenol-d6	6.51	99	1861675	115.99	ng	0.02
23) Nitrobenzene-d5	7.42	82	1233449	82.23	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	386747	91.04	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1658260	61.04	ng	0.00
79) Terphenyl-d14	12.96	244	1360943	76.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	239679	32.133	ng	98
3) Pyridine	3.40	79	422808	20.574	ng	94
4) n-Nitrosodimethylamine	3.33	42	346491	34.963	ng	92
6) Aniline	6.52	93	182498	7.872	ng	# 1
8) 2-Chlorophenol	6.65	128	620021	42.799	ng	94
9) Benzaldehyde	6.40	77	308906	27.492	ng	100
10) Phenol	6.52	94	747935	39.614	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	632384	44.118	ng	96
12) 1,3-Dichlorobenzene	6.80	146	629688	38.722	ng	99
13) 1,4-Dichlorobenzene	6.87	146	636822	38.862	ng	97
14) 1,2-Dichlorobenzene	7.03	146	606385	40.504	ng	100
15) Benzyl Alcohol	7.00	79	530225	42.357	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1118623	40.249	ng	86
17) 2-Methylphenol	7.12	107	467626	39.295	ng	# 93
18) Hexachloroethane	7.37	117	228125	37.088	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	433970	42.658	ng	99
20) 3+4-Methylphenols	7.27	107	599607	43.609	ng	# 60
22) Acetophenone	7.26	105	847703	45.456	ng	# 90
24) Nitrobenzene	7.44	77	674125	44.125	ng	96
25) Isophorone	7.68	82	1227336	44.118	ng	99
26) 2-Nitrophenol	7.76	139	346396	46.733	ng	98
27) 2,4-Dimethylphenol	7.80	122	494842	42.507	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	788302	43.673	ng	99
29) 2,4-Dichlorophenol	8.00	162	514580	44.390	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	533603	40.480	ng	99
31) Naphthalene	8.16	128	2319735	58.993	ng	100
32) Benzoic acid	7.92	122	225810	30.245	ng	98
33) 4-Chloroaniline	8.21	127	190443	10.628	ng	97
34) Hexachlorobutadiene	8.27	225	289051	38.539	ng	98
35) Caprolactam	8.60	113	154804	40.954	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	539800	46.261	ng	100
37) 2-Methylnaphthalene	8.85	142	1406869	55.453	ng	97
38) 1-Methylnaphthalene	8.95	142	1240023	51.901	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	516039	41.456	ng	99

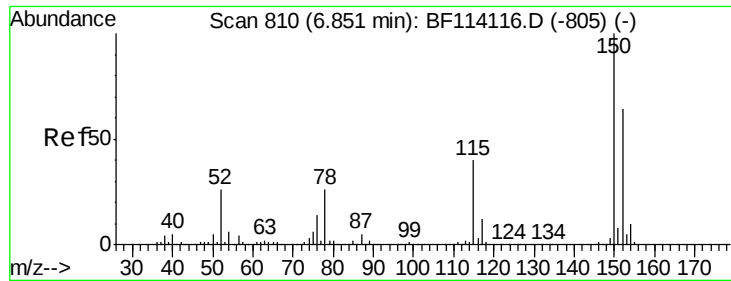
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	120750	24.020	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	359566	41.996	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	378751	43.135	ng	97
46) 1,1'-Biphenyl	9.32	154	1466127	44.164	ng	98
47) 2-Chloronaphthalene	9.34	162	1048047	39.228	ng	99
48) 2-Nitroaniline	9.44	65	381993	40.316	ng	97
49) Acenaphthylene	9.76	152	2653068	65.291	ng	99
50) Dimethylphthalate	9.61	163	1561535	51.765	ng	99
51) 2,6-Dinitrotoluene	9.68	165	286118	42.763	ng	90
52) Acenaphthene	9.93	154	976955	39.180	ng	99
53) 3-Nitroaniline	9.85	138	167007	20.108	ng	97
54) 2,4-Dinitrophenol	9.96	184	175154	54.418	ng	98
55) Dibenzofuran	10.10	168	1460280	39.938	ng	98
56) 4-Nitrophenol	10.03	139	406338	69.181	ng	90
57) 2,4-Dinitrotoluene	10.09	165	372462	41.014	ng	# 90
58) Fluorene	10.45	166	1275353	45.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	280481	37.021	ng	94
60) Diethylphthalate	10.31	149	1269763	41.428	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	555909	40.077	ng	97
62) 4-Nitroaniline	10.46	138	217214	24.888	ng	93
63) Azobenzene	10.59	77	1204834	40.611	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	125763	33.339	ng	87
66) n-Nitrosodiphenylamine	10.55	169	1034799	43.431	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	355550	41.134	ng	96
68) Hexachlorobenzene	11.00	284	368273	38.513	ng	99
69) Atrazine	11.09	200	329551	44.446	ng	99
70) Pentachlorophenol	11.20	266	347982	76.768	ng	99
71) Phenanthrene	11.42	178	4614185	120.810	ng	97
72) Anthracene	11.46	178	2208025	57.557	ng	100
73) Carbazole	11.62	167	1466422	40.086	ng	99
74) Di-n-butylphthalate	11.94	149	1946409	46.183	ng	98
75) Fluoranthene	12.62	202	5524097	134.309	ng	94
78) Pyrene	12.86	202	8058341	274.243	ng	93
80) Butylbenzylphthalate	13.44	149	755957	61.122	ng	99
81) Benzo(a)anthracene	14.04	228	4058081	171.769	ng	# 86
82) 3,3'-Dichlorobenzidine	13.99	252	28736	3.135	ng	# 86
83) Chrysene	14.08	228	4053504	175.026	ng	95
84) Bis(2-ethylhexyl)phthalate	14.00	149	1157426	71.553	ng	99
85) Di-n-octyl phthalate	14.63	149	1702587	64.930	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	2475906	120.965	ng	99
88) Benzo(b)fluoranthene	15.12	252	4747663	155.567	ng	# 96
89) Benzo(k)fluoranthene	15.12	252	4747663	169.352	ng	97
90) Benzo(a)pyrene	15.50	252	3620030	134.781	ng	100
91) Dibenzo(a,h)anthracene	17.06	278	1217403	54.547	ng	99
92) Benzo(g,h,i)perylene	17.51	276	2477082	110.750	ng	98

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

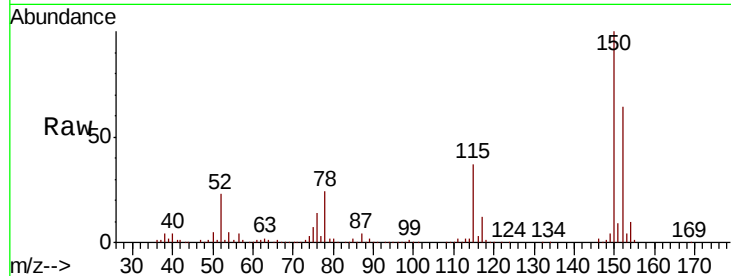


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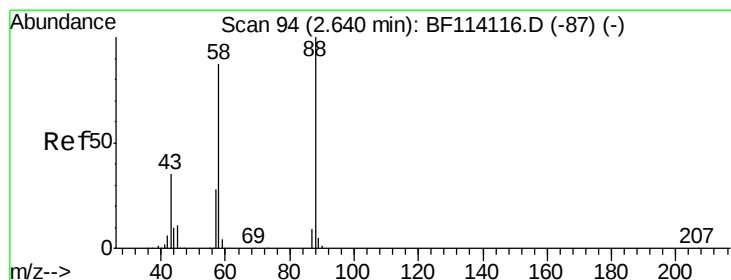
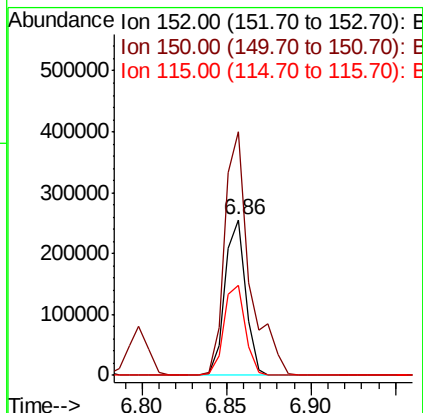
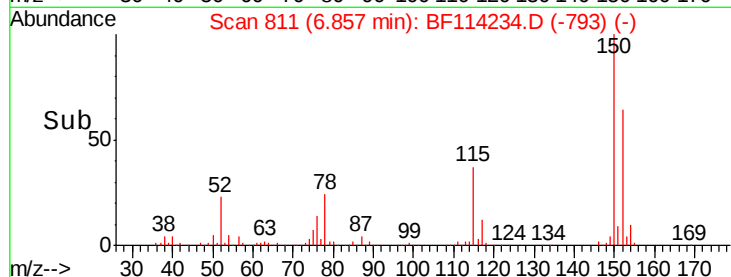
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion: 152 Resp: 218380
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 57.7 49.1 73.7



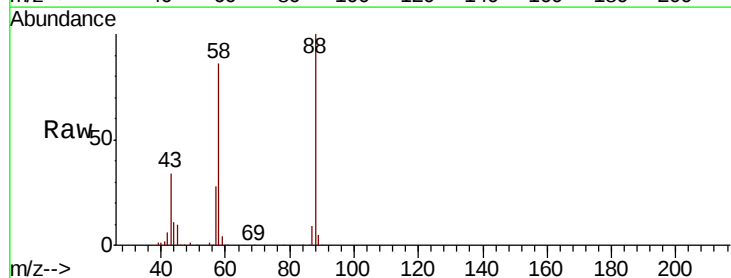
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



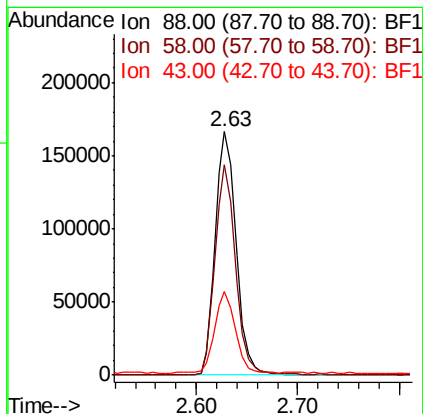
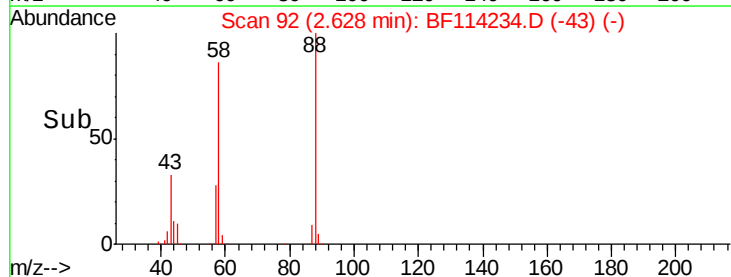
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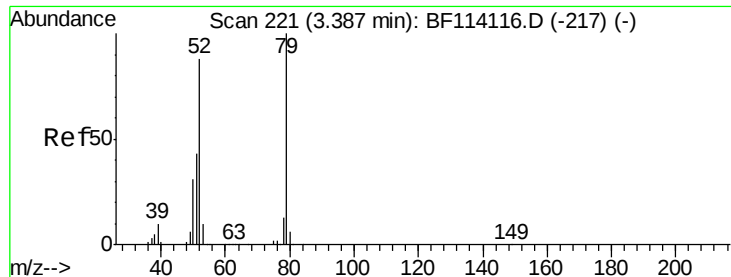
1,4-Dioxane
Concen: 32.133 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion: 88 Resp: 239679
Ion Ratio Lower Upper
88 100
58 84.9 68.7 103.1
43 33.0 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: 20.574 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

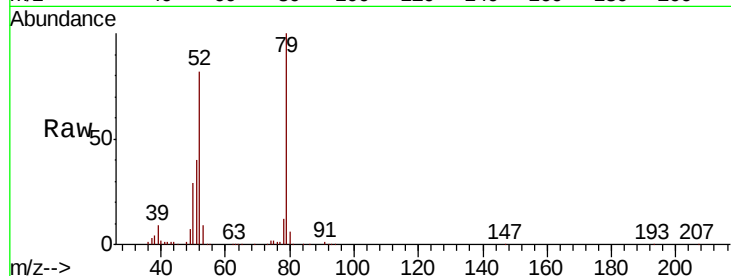
Tgt Ion: 79 Resp: 422808

Ion Ratio Lower Upper

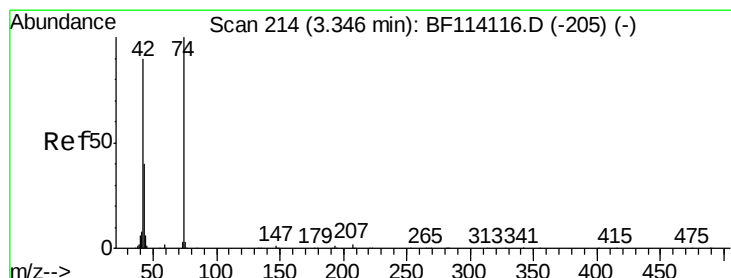
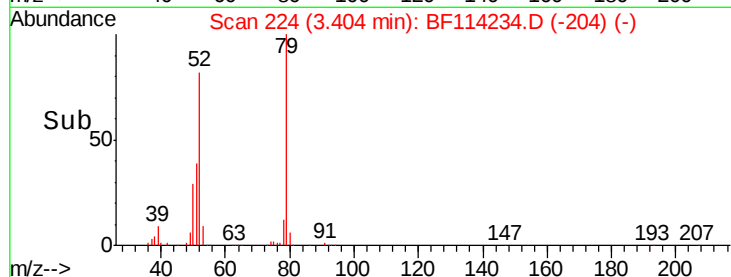
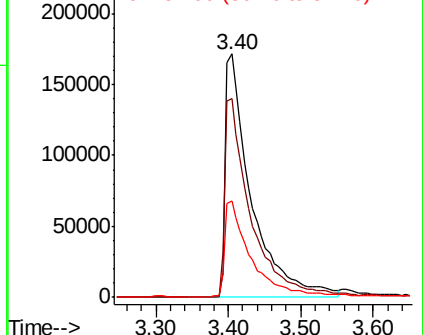
79 100

52 81.6 70.6 105.8

51 39.5 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 34.963 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

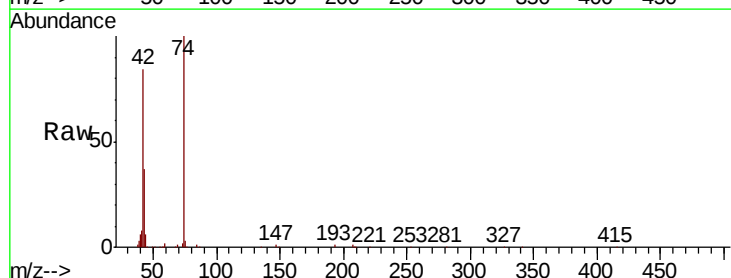
Tgt Ion: 42 Resp: 346491

Ion Ratio Lower Upper

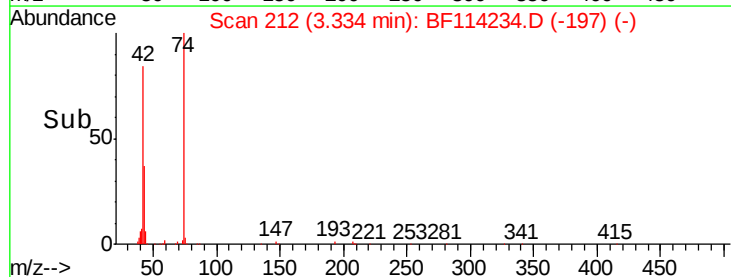
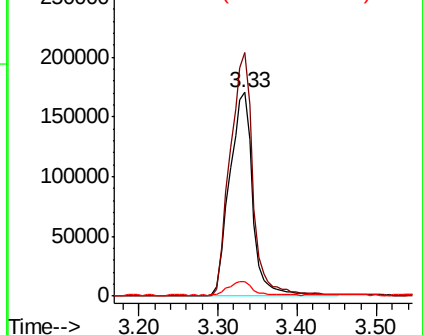
42 100

74 119.7 88.6 132.8

44 7.3 5.5 8.3



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





#5

2-Fluorophenol

Concen: 101.747 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

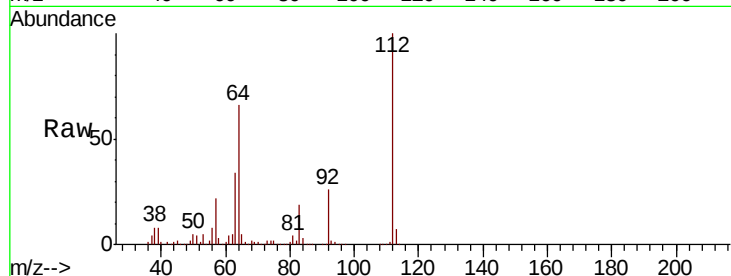
Tgt Ion:112 Resp: 1380733

Ion Ratio Lower Upper

112 100

64 65.8 49.0 73.6

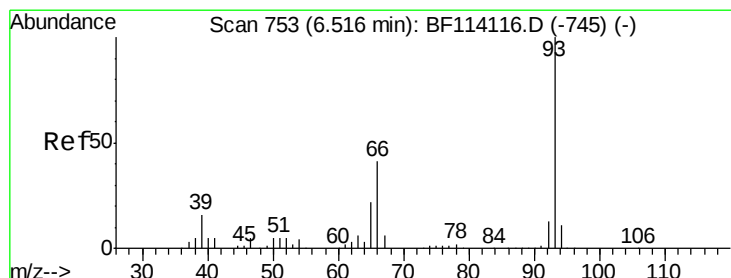
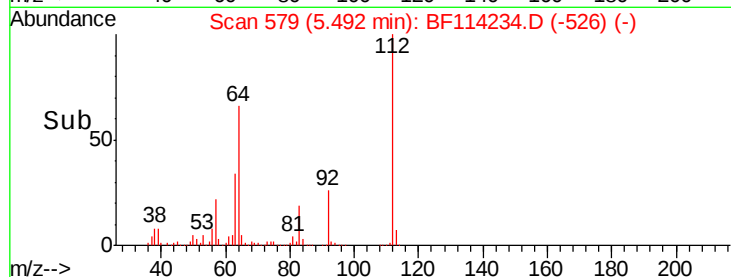
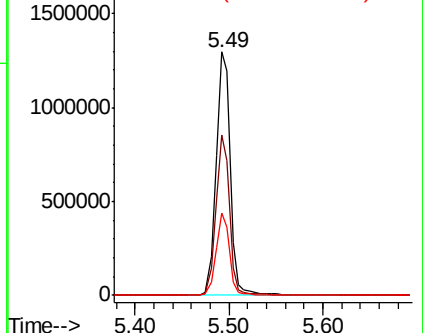
63 34.0 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.872 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

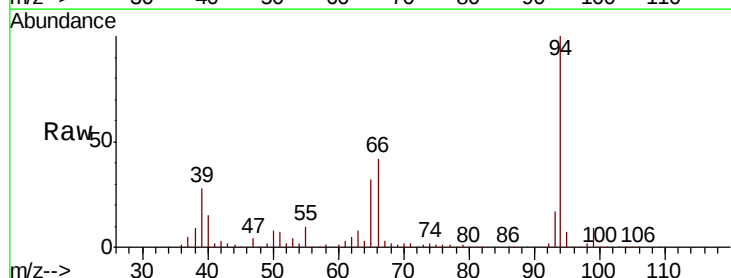
Tgt Ion: 93 Resp: 182498

Ion Ratio Lower Upper

93 100

66 252.4 33.2 49.8#

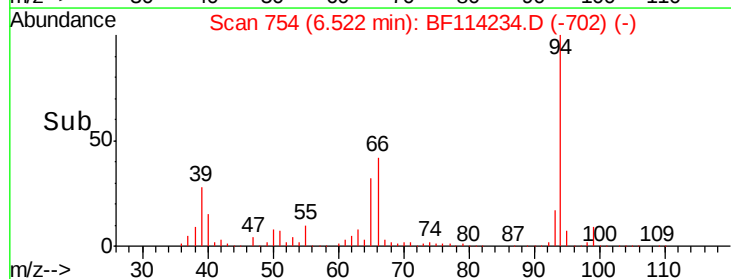
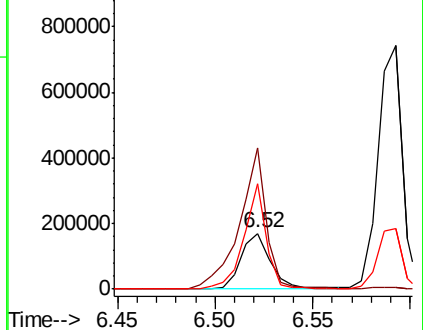
65 189.9 17.6 26.4#



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: 115.993 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

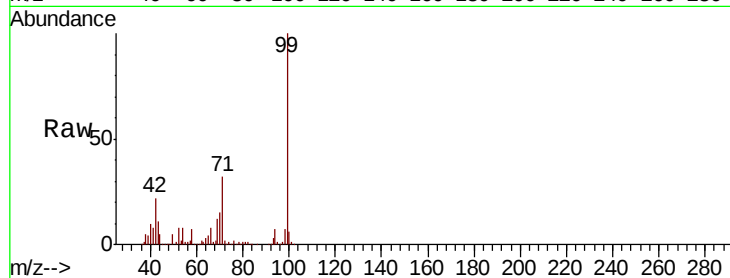
Tgt Ion: 99 Resp: 1861675

Ion Ratio Lower Upper

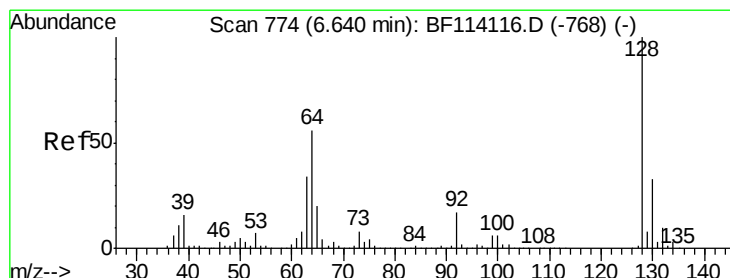
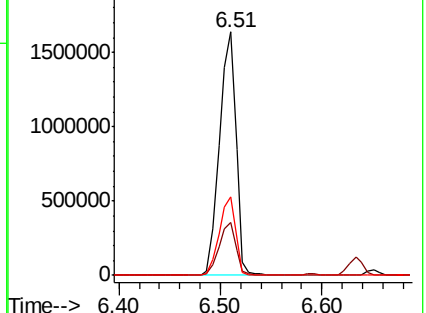
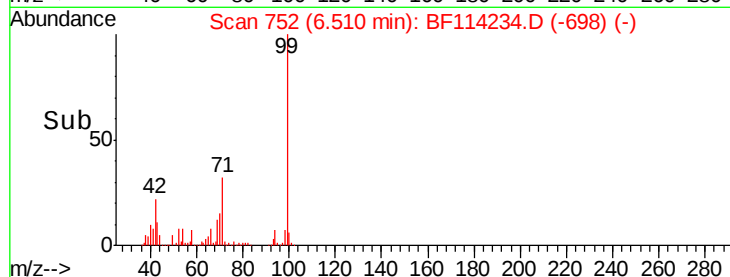
99 100

42 22.0 17.9 26.9

71 32.4 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: 42.799 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

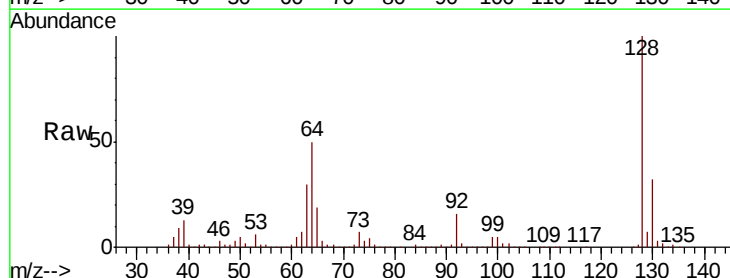
Tgt Ion: 128 Resp: 620021

Ion Ratio Lower Upper

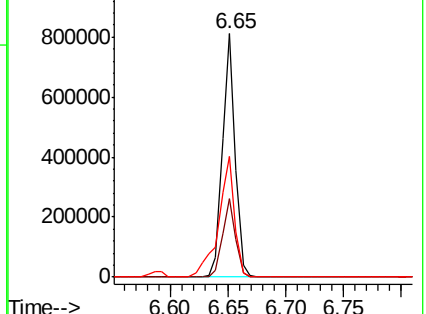
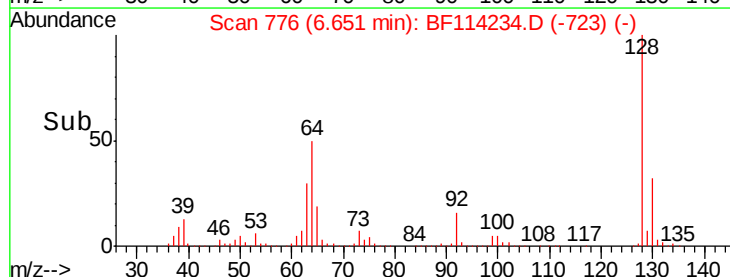
128 100

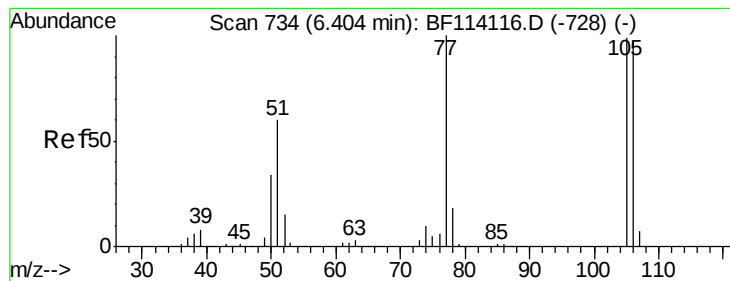
130 32.4 12.6 52.6

64 49.5 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: 27.492 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

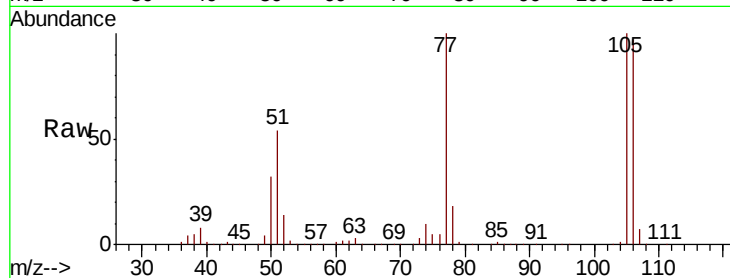
Tgt Ion: 77 Resp: 308906

Ion Ratio Lower Upper

77 100

105 99.6 79.3 119.3

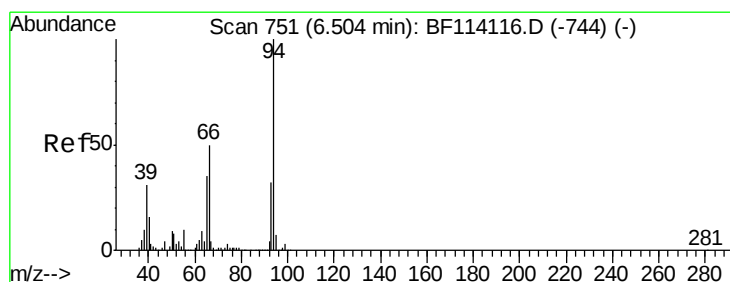
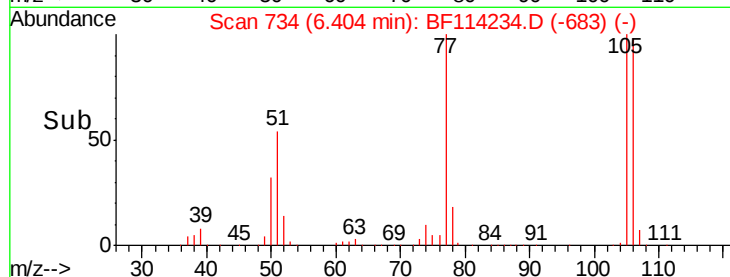
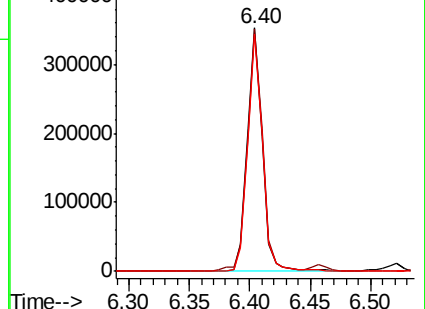
106 97.4 77.0 117.0



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: 39.614 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

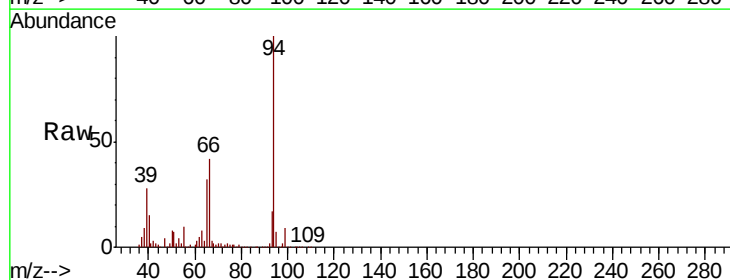
Tgt Ion: 94 Resp: 747935

Ion Ratio Lower Upper

94 100

65 31.5 14.7 54.7

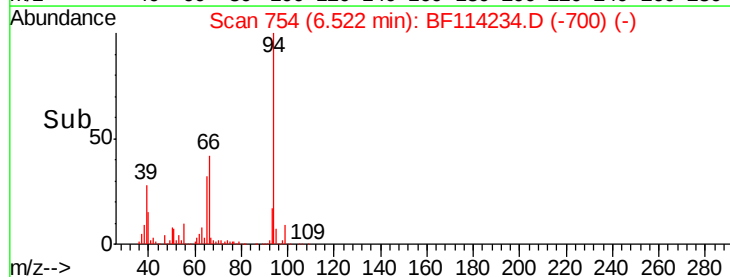
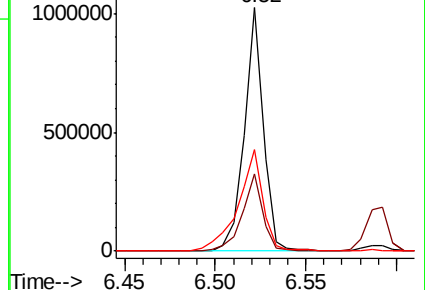
66 41.9 29.6 69.6

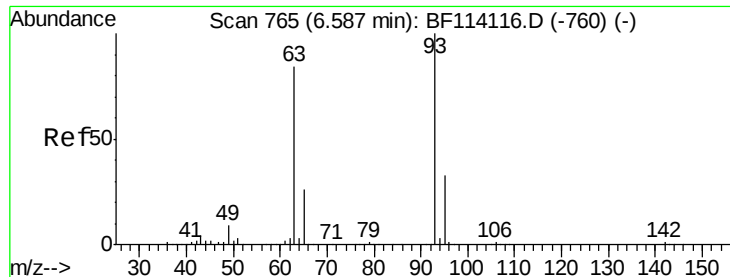


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

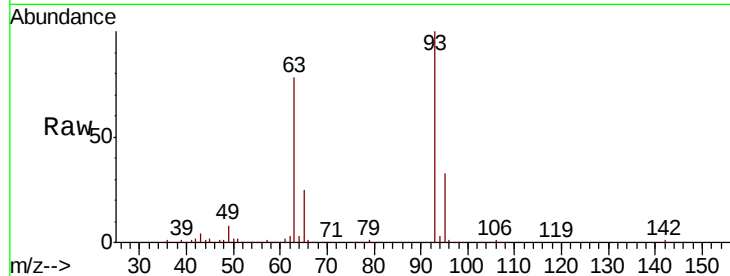




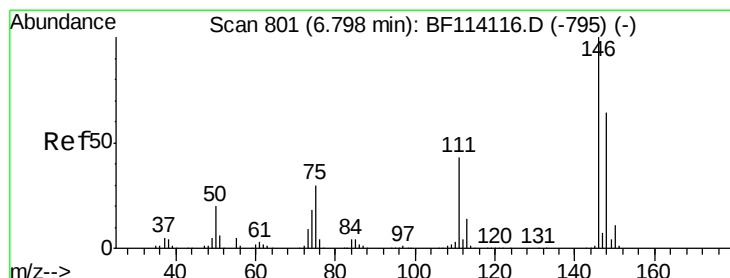
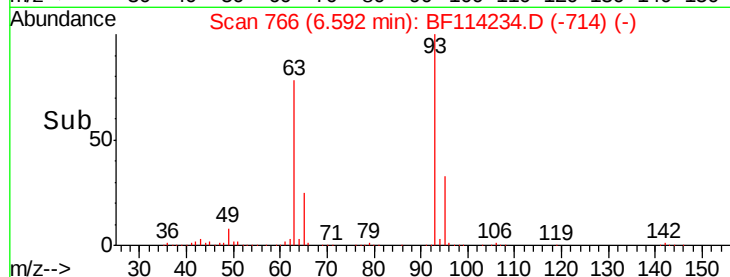
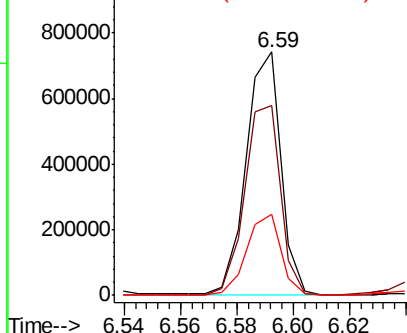
#11
 bis(2-Chloroethyl)ether
 Concen: 44.118 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion: 93 Resp: 632384
 Ion Ratio Lower Upper
 93 100
 63 78.0 63.6 103.6
 95 33.1 13.1 53.1

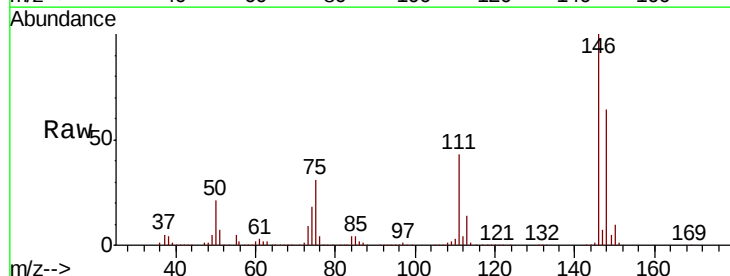


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

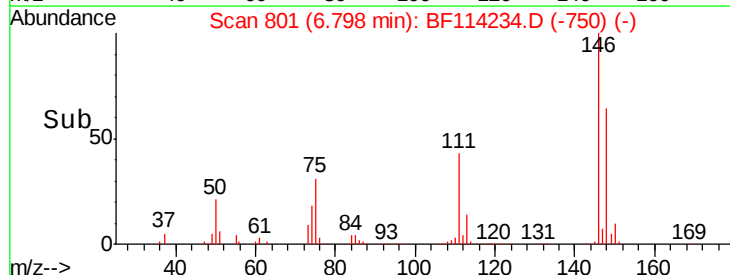
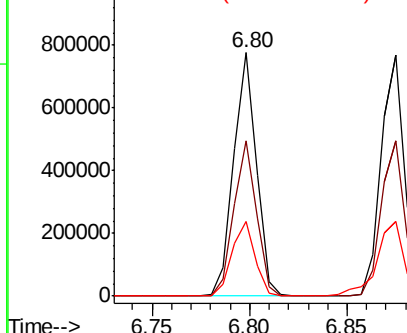


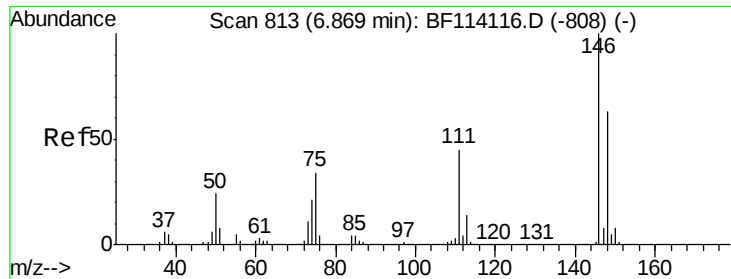
#12
 1,3-Dichlorobenzene
 Concen: 38.722 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion: 146 Resp: 629688
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 75 30.9 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

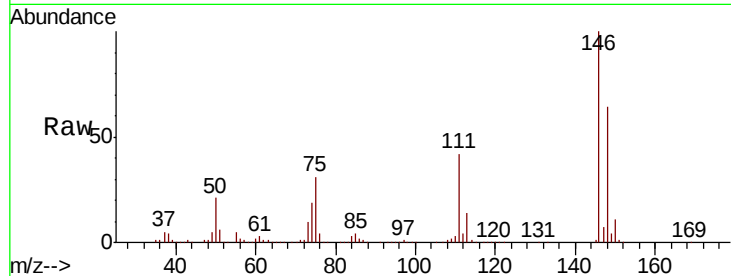




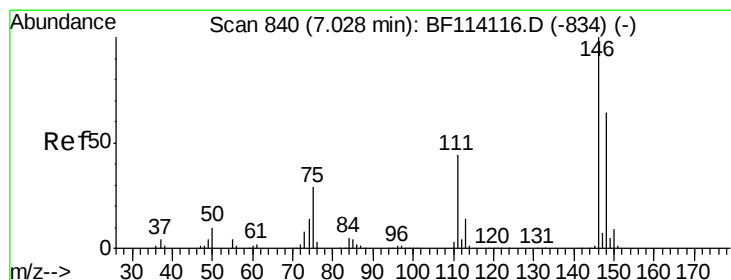
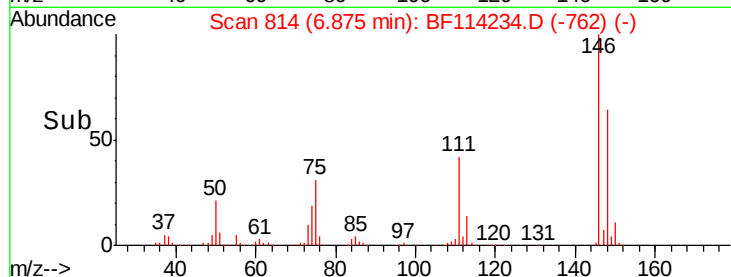
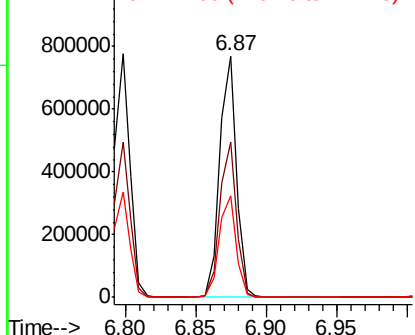
#13
 1,4-Dichlorobenzene
 Concen: 38.862 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:146 Resp: 636822
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.2
 111 42.0 35.8 53.6

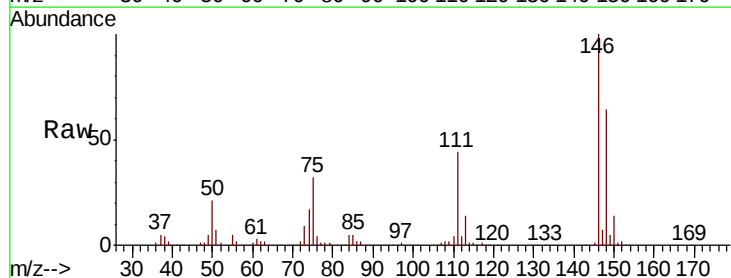


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

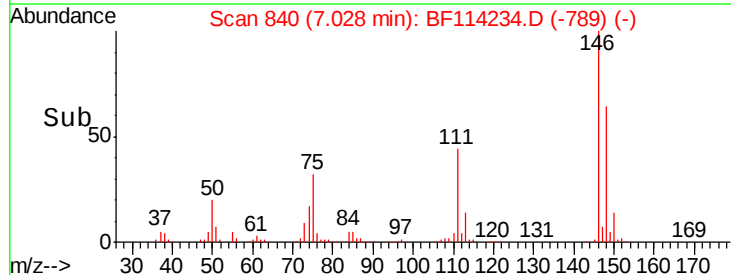
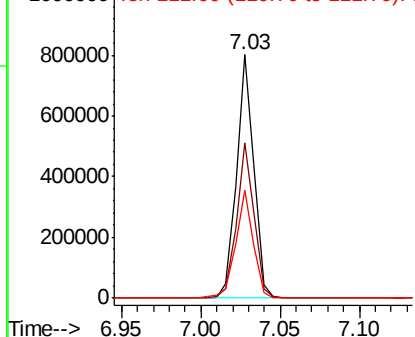


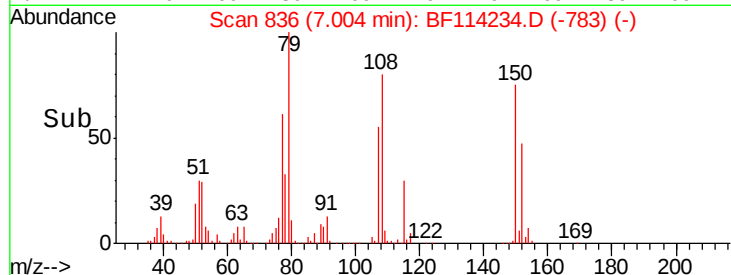
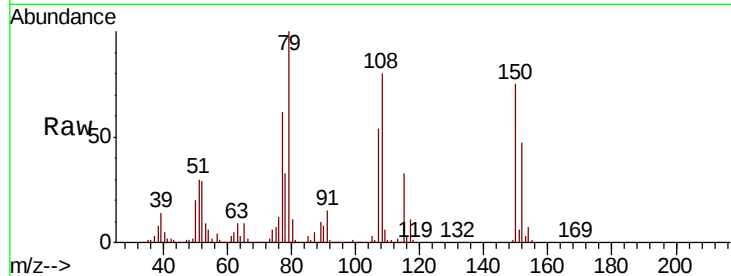
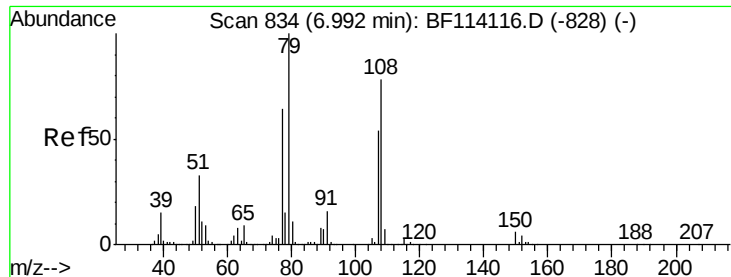
#14
 1,2-Dichlorobenzene
 Concen: 40.504 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:146 Resp: 606385
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 44.1 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

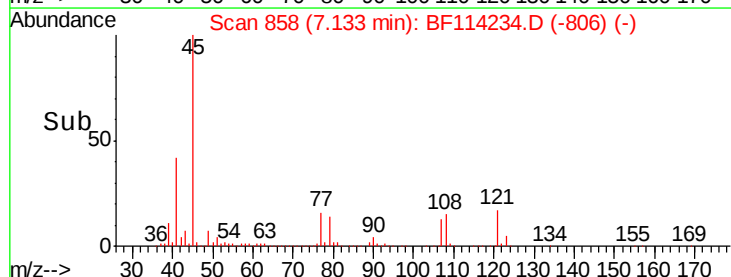
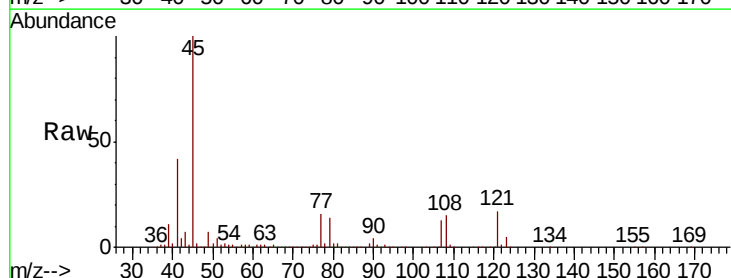
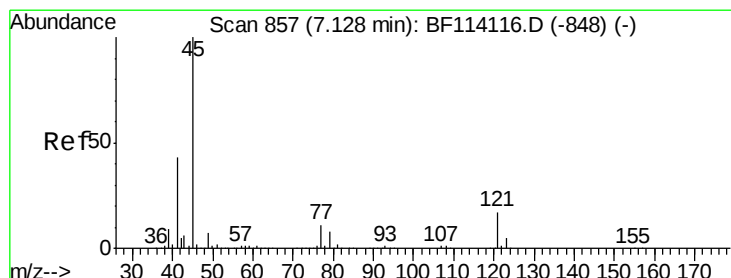
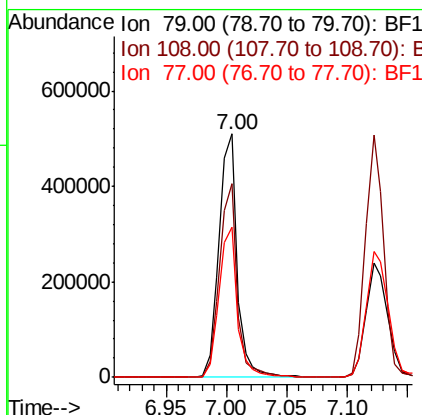




#15
Benzyl Alcohol
Concen: 42.357 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

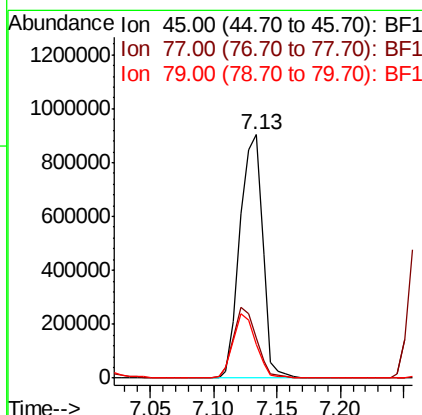
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

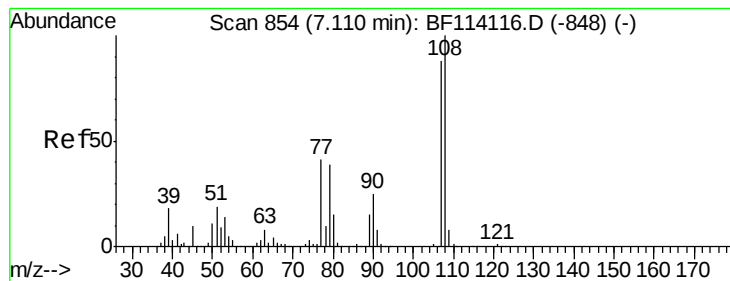
Tgt Ion: 79 Resp: 530225
Ion Ratio Lower Upper
79 100
108 79.8 62.1 93.1
77 61.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.249 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion: 45 Resp: 1118623
Ion Ratio Lower Upper
45 100
77 16.3 0.0 31.1
79 13.8 0.0 28.4





#17

2-Methylphenol

Concen: 39.295 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

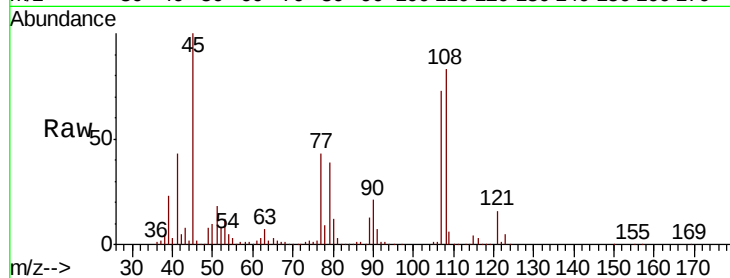
Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tgt Ion:	107	Resp:	467626
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.5	135.7
77	58.8	37.0	55.4#
79	53.2	35.8	53.8



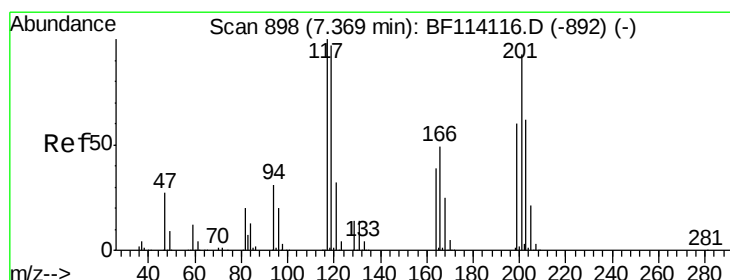
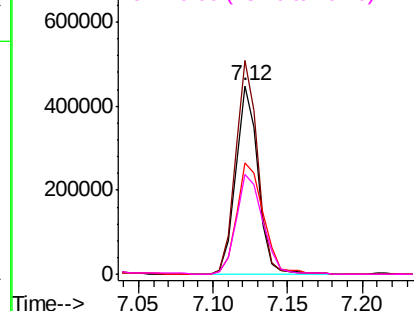
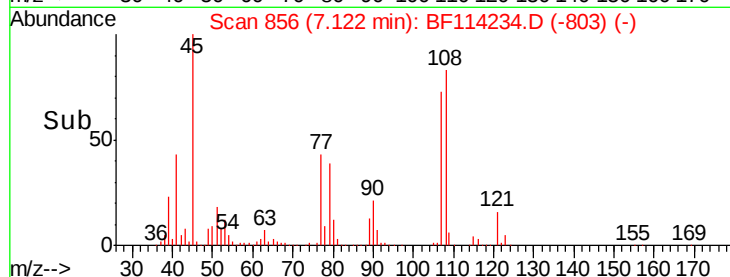
Abundance

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: 37.088 ng

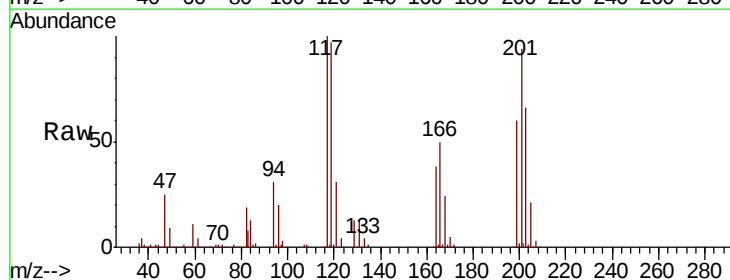
RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:	117	Resp:	228125
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.4	116.2
201	93.9	74.5	111.7

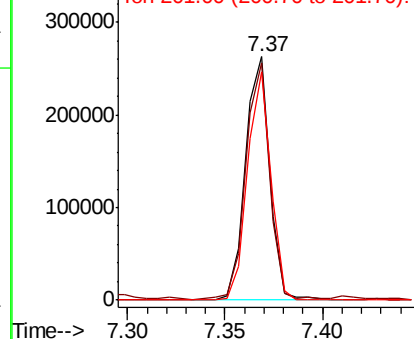
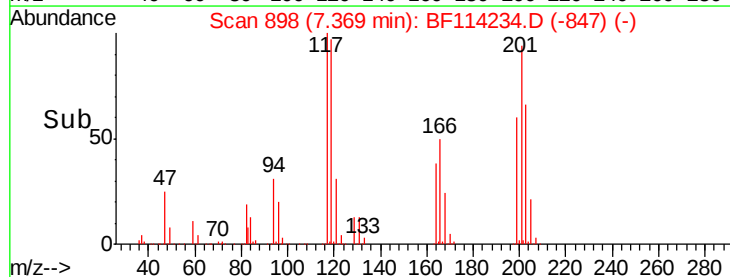


Abundance

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

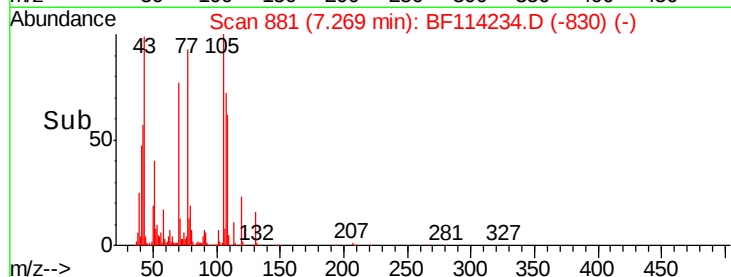
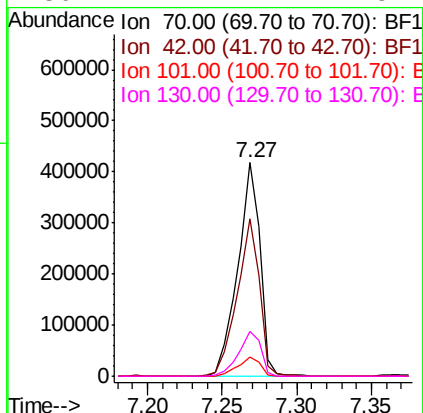
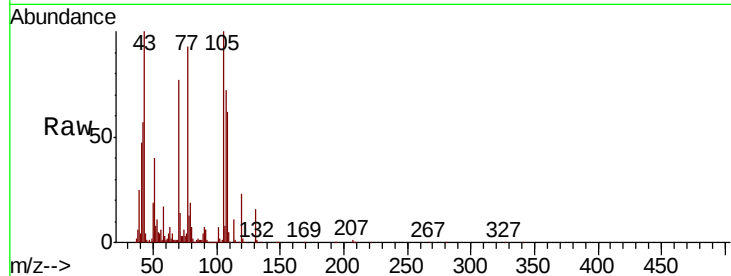




#19
n-Nitroso-di-n-propylamine
Concen: 42.658 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

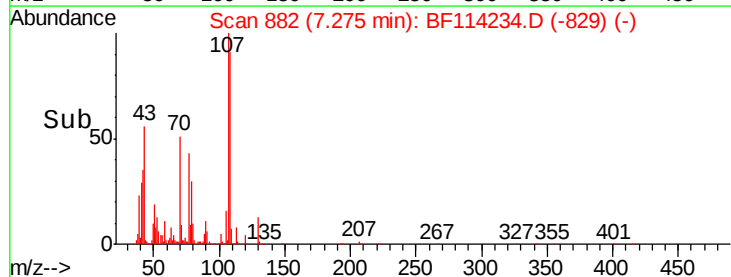
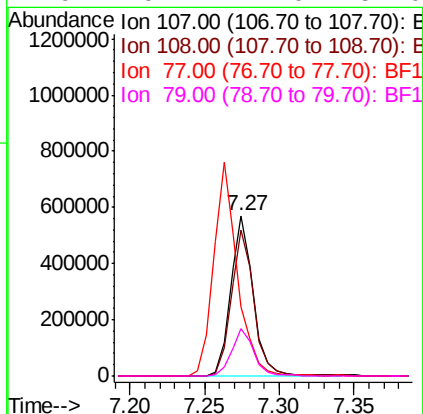
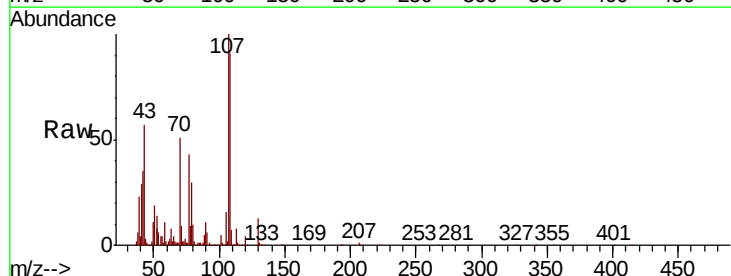
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

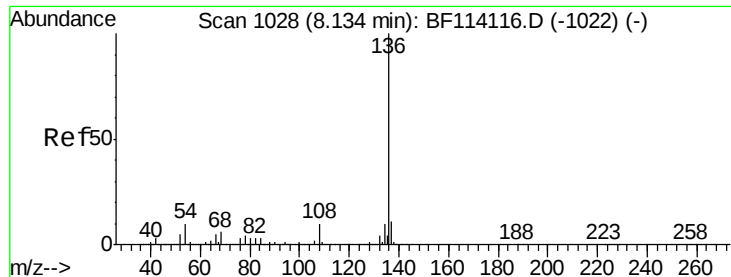
Tgt Ion:	70	Resp:	433970
Ion	Ratio	Lower	Upper
70	100		
42	73.7	58.6	87.8
101	8.8	7.8	11.8
130	21.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 43.609 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:	107	Resp:	599607
Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.8	113.8
77	43.4	111.5	151.5#
79	29.7	12.0	52.0

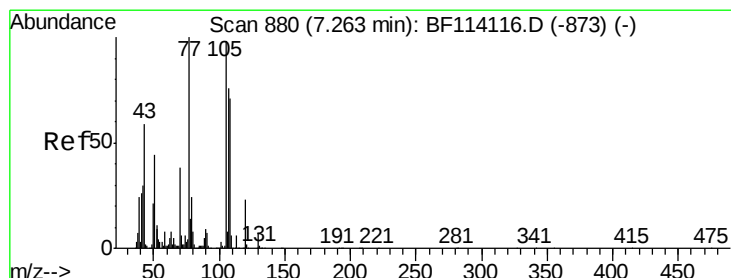
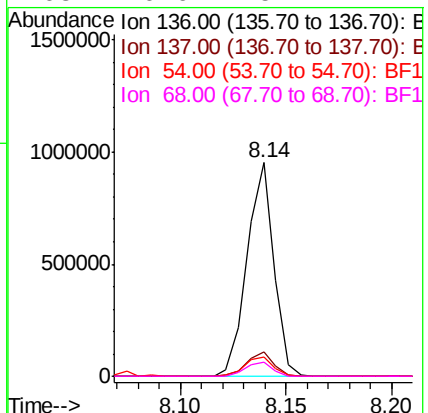
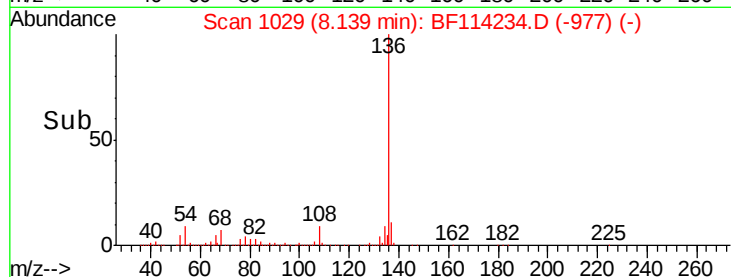
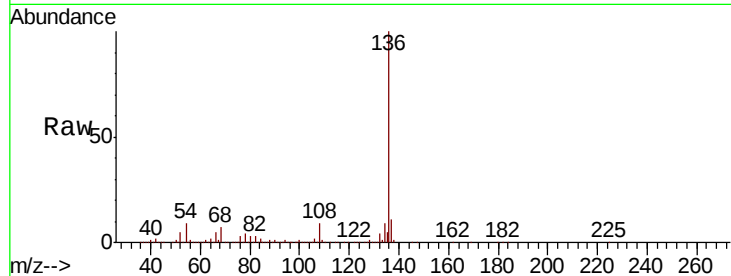




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

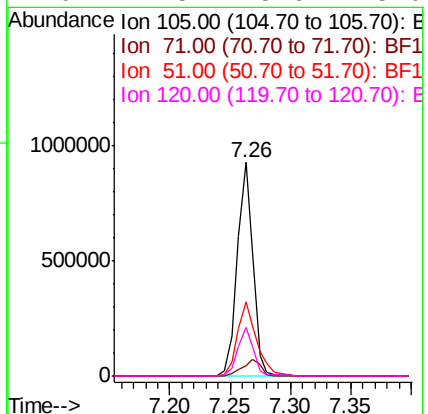
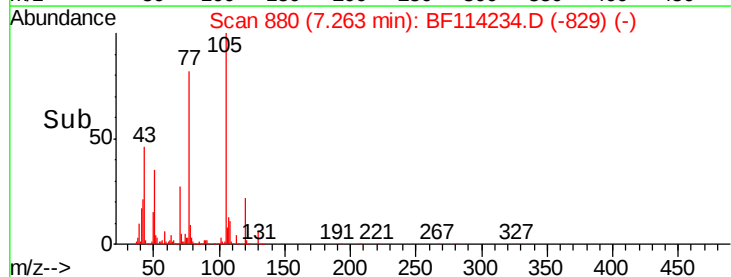
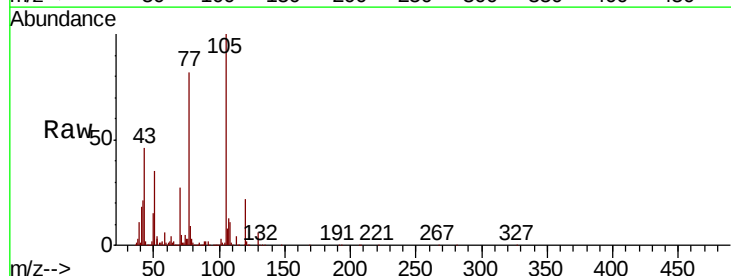
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:	136	Resp:	841810
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.0	7.8	11.8
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 45.456 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:	105	Resp:	847703
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.3	7.9#
51	34.9	36.2	54.4#
120	22.5	18.6	28.0

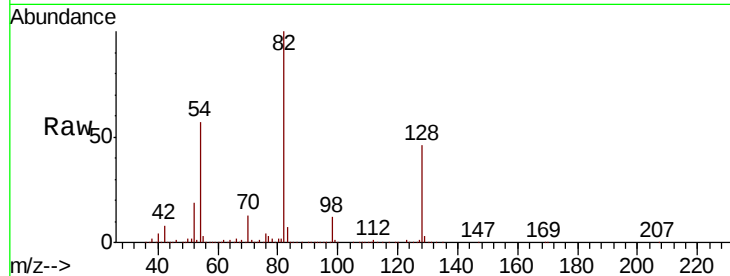




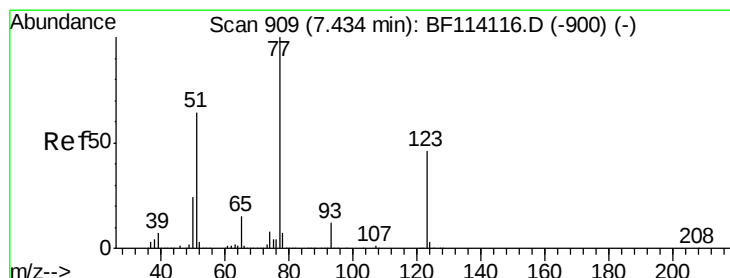
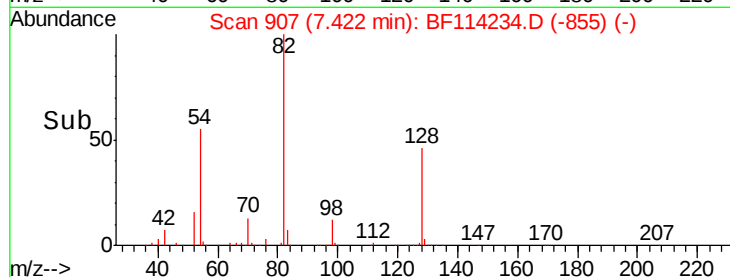
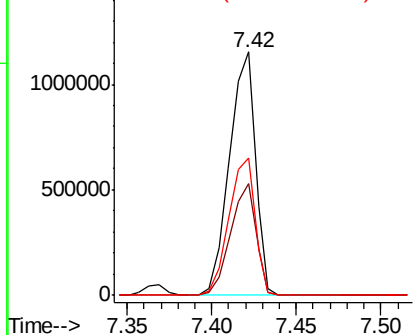
#23
 Nitrobenzene-d5
 Concen: 82.229 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion: 82 Resp: 1233449
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.5 53.3
 54 56.6 48.5 72.7

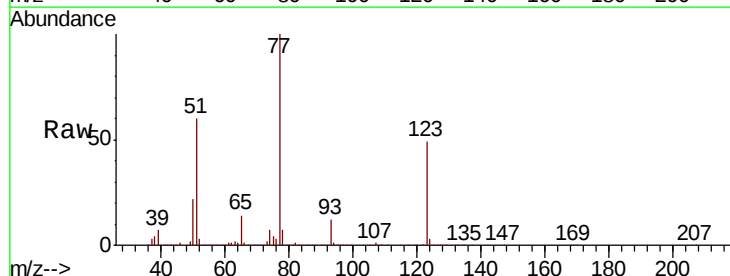


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

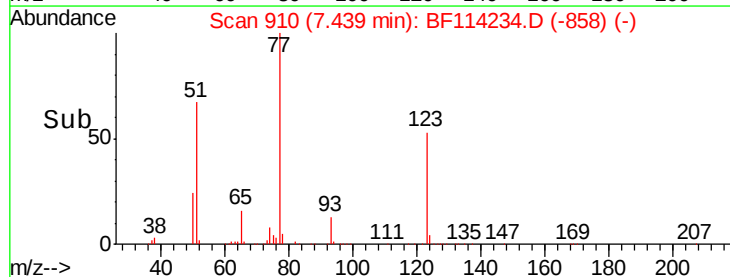
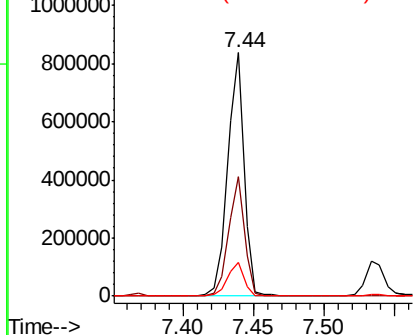


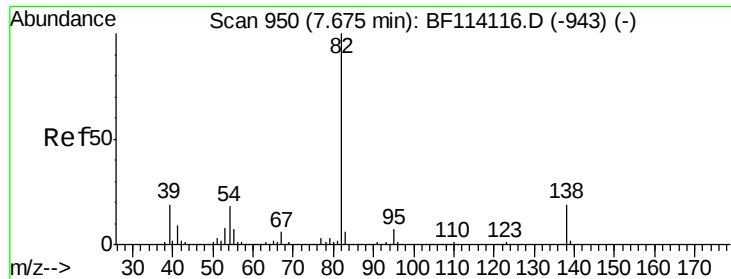
#24
 Nitrobenzene
 Concen: 44.125 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion: 77 Resp: 674125
 Ion Ratio Lower Upper
 77 100
 123 49.2 36.9 55.3
 65 14.0 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: 44.118 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

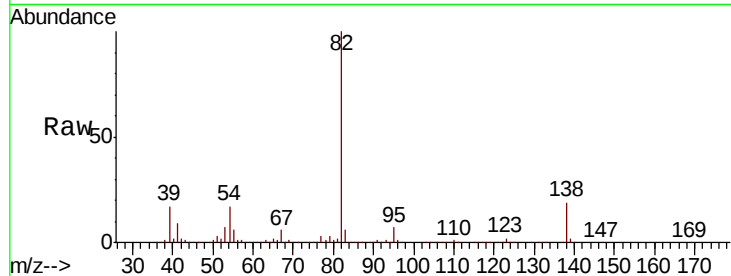
Tgt Ion: 82 Resp: 1227336

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

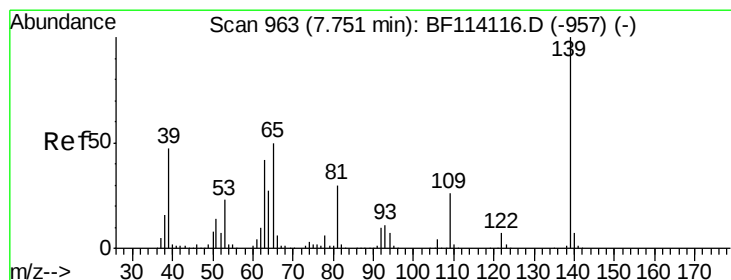
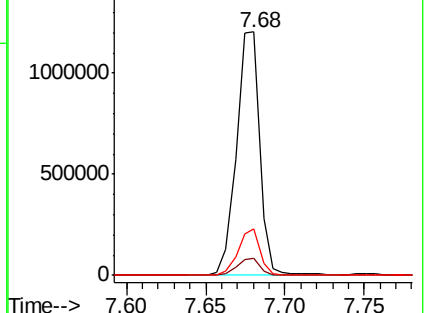
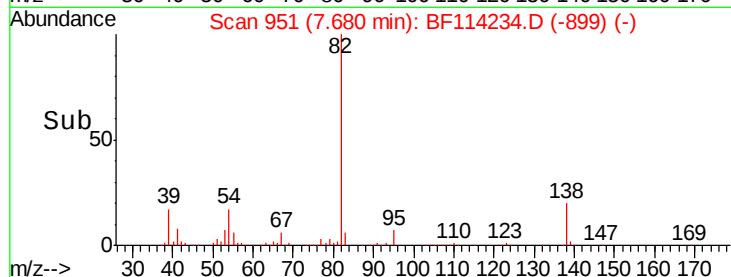
138 19.3 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.733 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

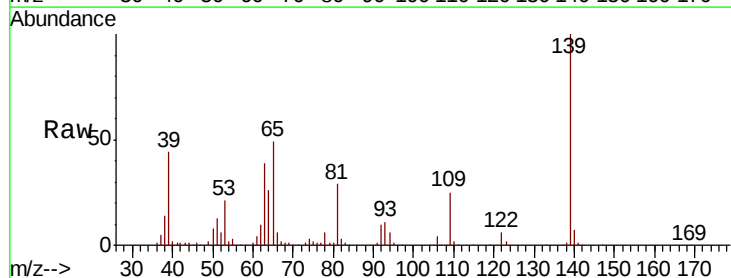
Tgt Ion: 139 Resp: 346396

Ion Ratio Lower Upper

139 100

109 25.2 20.7 31.1

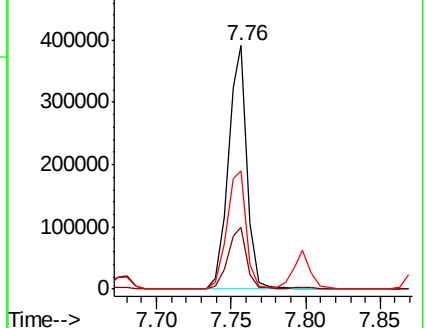
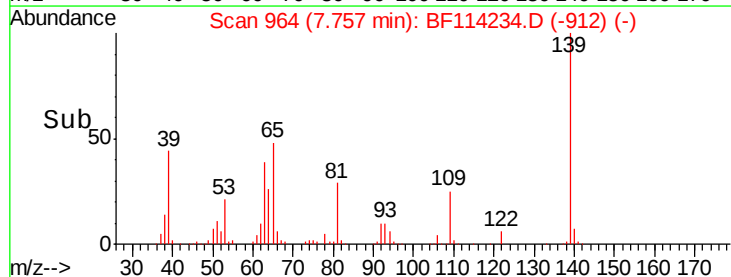
65 48.6 40.2 60.2

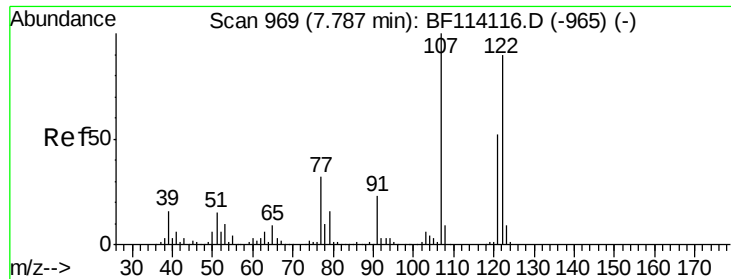


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

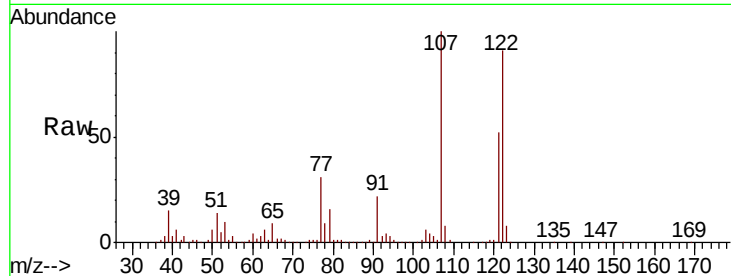




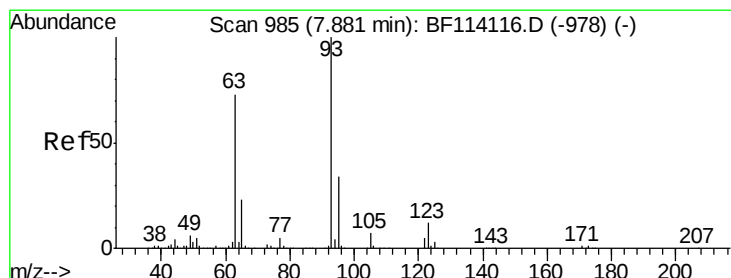
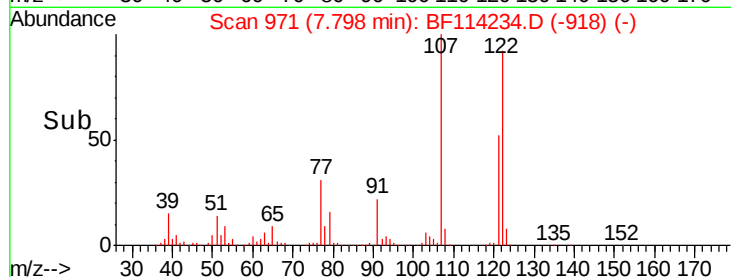
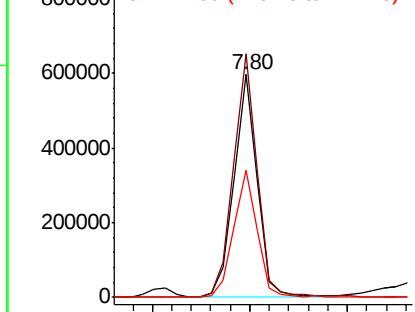
#27
 2,4-Dimethylphenol
 Concen: 42.507 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion: 122 Resp: 494842
 Ion Ratio Lower Upper
 122 100
 107 109.3 88.4 132.6
 121 57.0 45.9 68.9

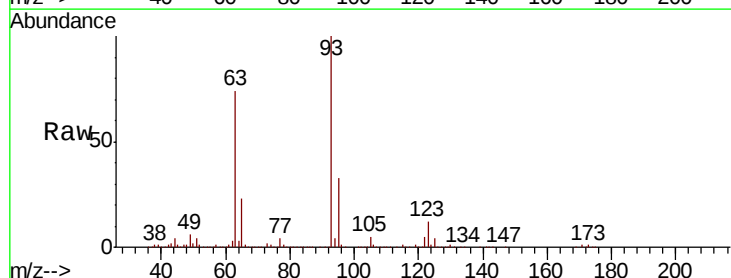


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

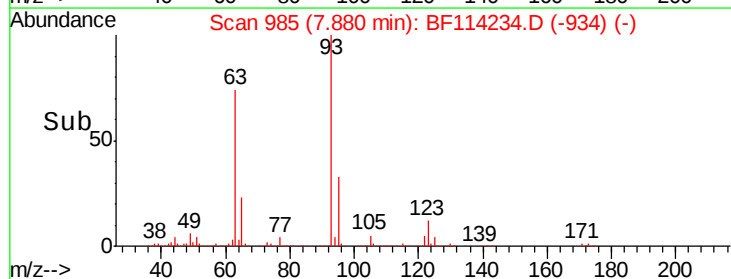
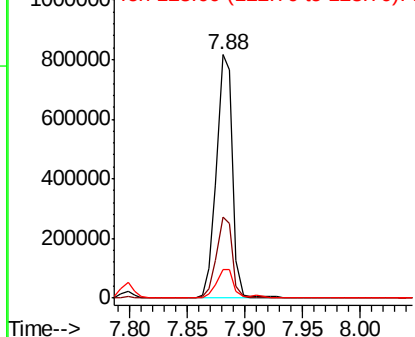


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.673 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion: 93 Resp: 788302
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.8 40.2
 123 11.8 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

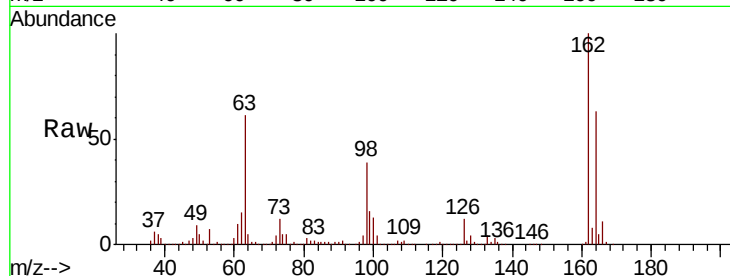




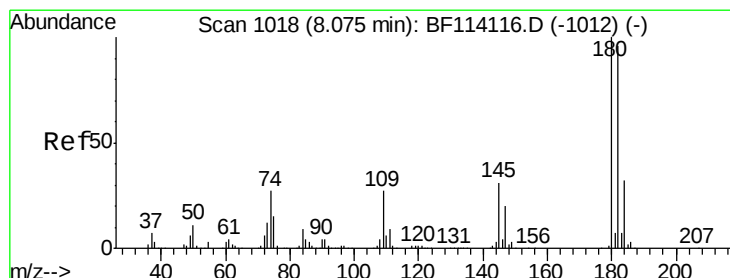
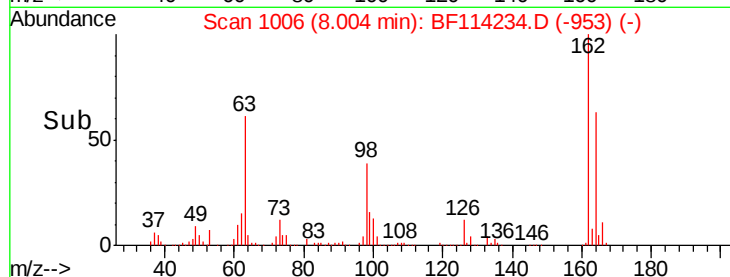
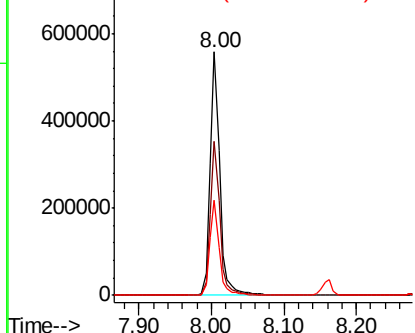
#29
 2,4-Dichlorophenol
 Concen: 44.390 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.6	83.6
98	39.1	20.6	60.6

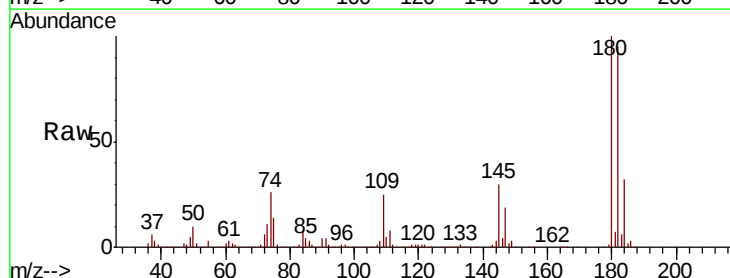


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

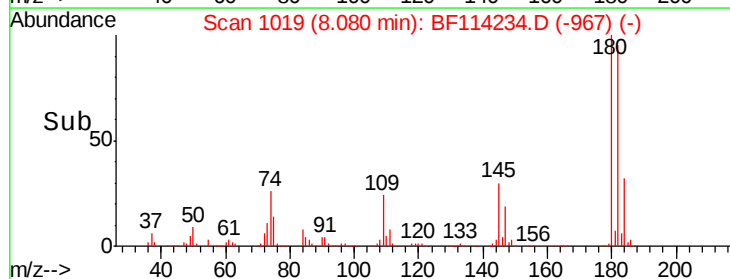
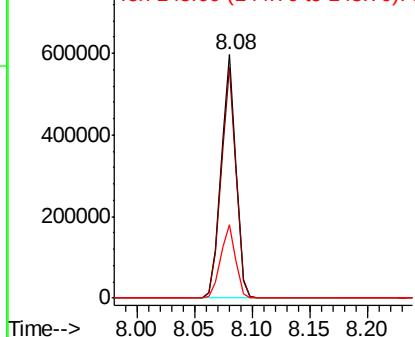


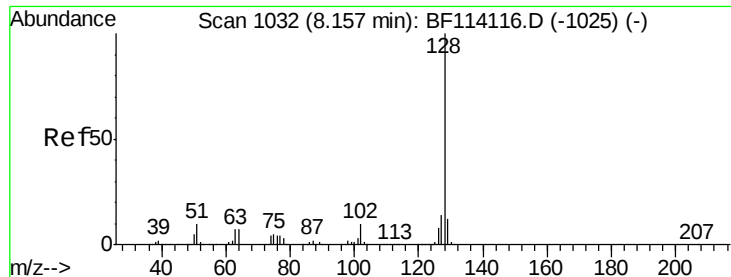
#30
 1,2,4-Trichlorobenzene
 Concen: 40.480 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	30.4	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

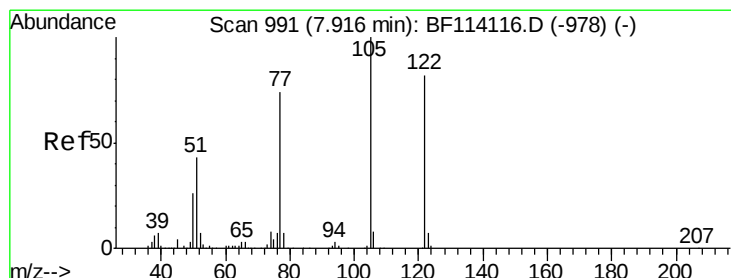
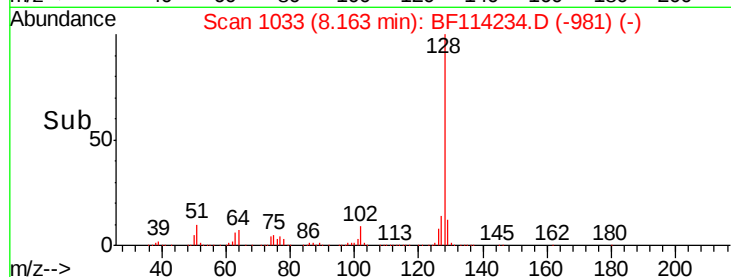
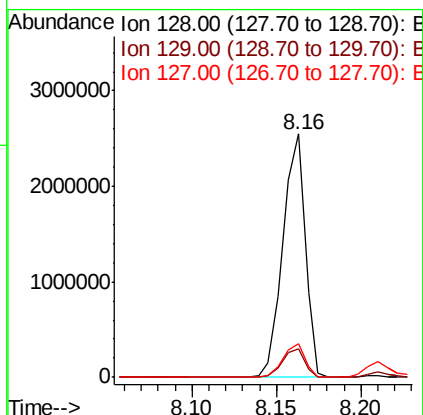
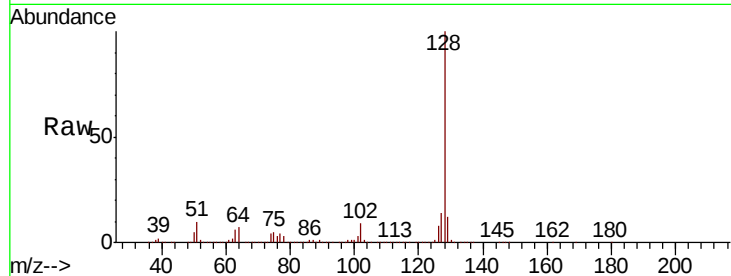




#31
Naphthalene
Concen: 58.993 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

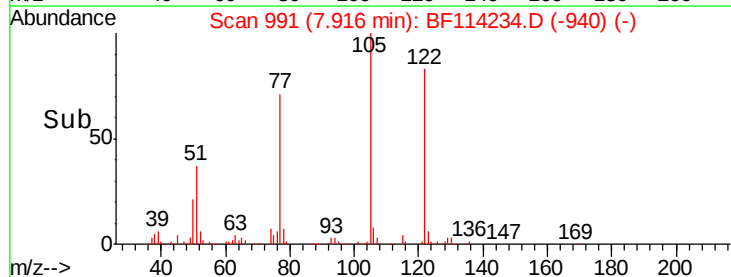
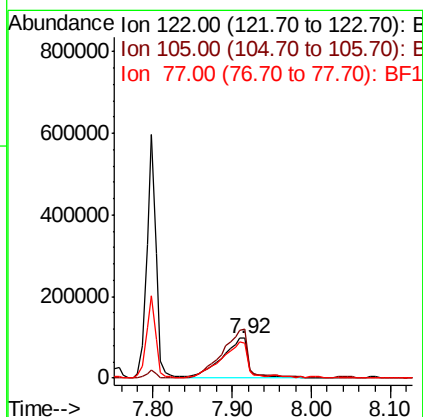
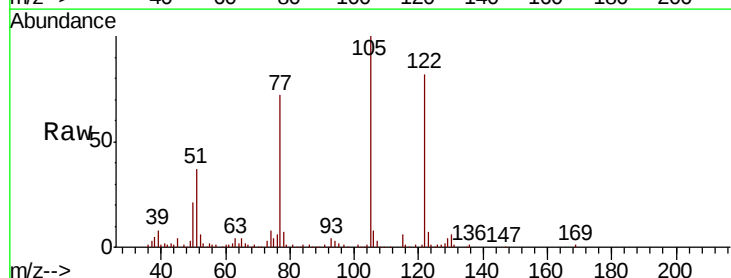
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:128 Resp: 2319735
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 30.245 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:122 Resp: 225810
Ion Ratio Lower Upper
122 100
105 121.4 99.9 139.9
77 86.9 69.4 109.4

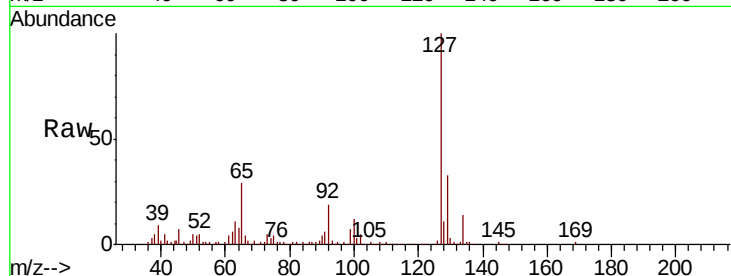




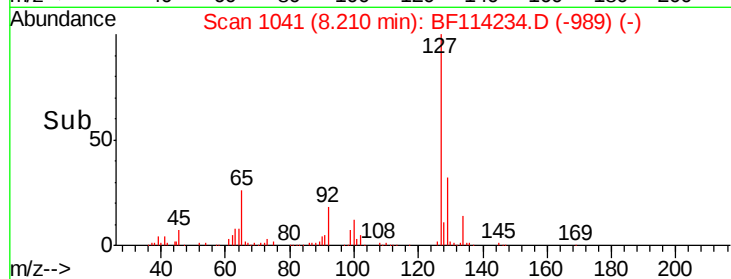
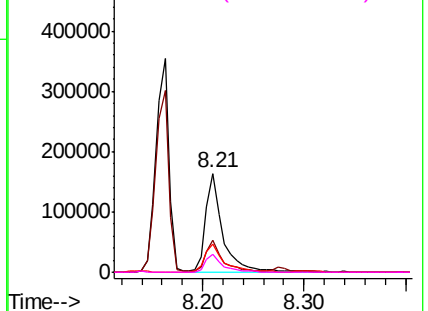
#33
 4-Chloroaniline
 Concen: 10.628 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:	127	Resp:	190443
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	28.8	25.4	38.0
92	18.7	15.4	23.2

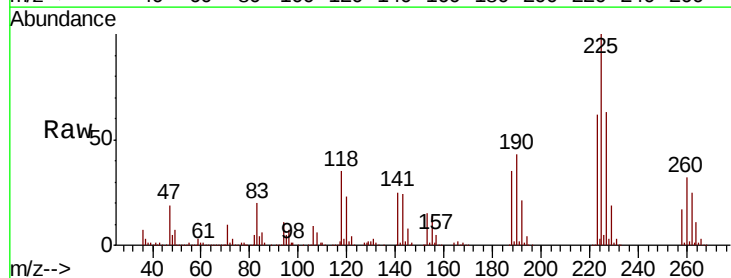


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

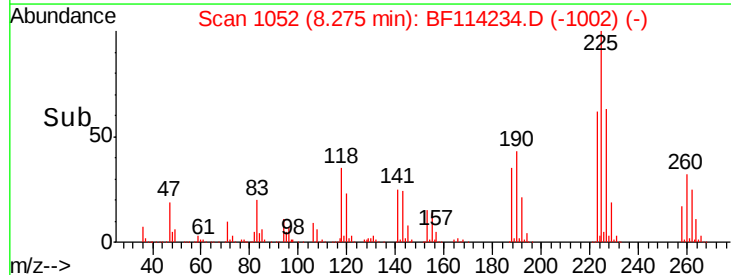
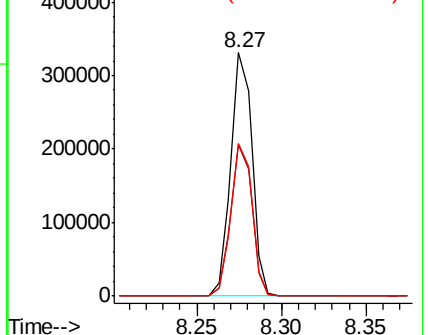


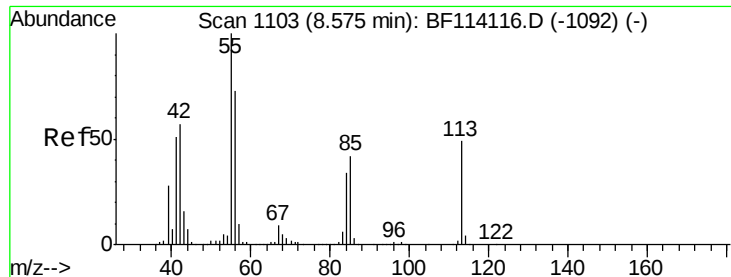
#34
 Hexachlorobutadiene
 Concen: 38.539 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:	225	Resp:	289051
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	62.7	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

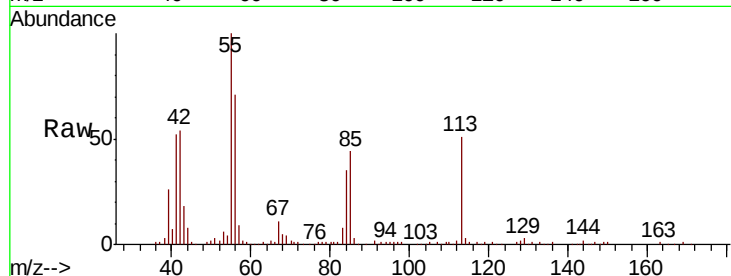




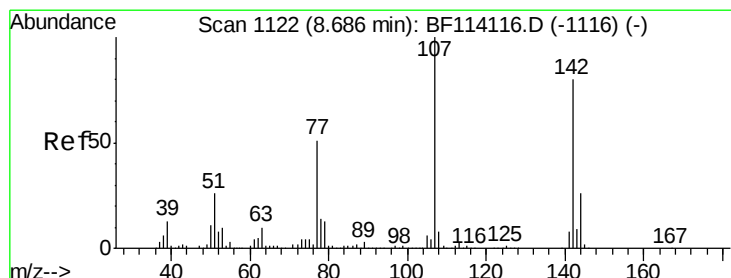
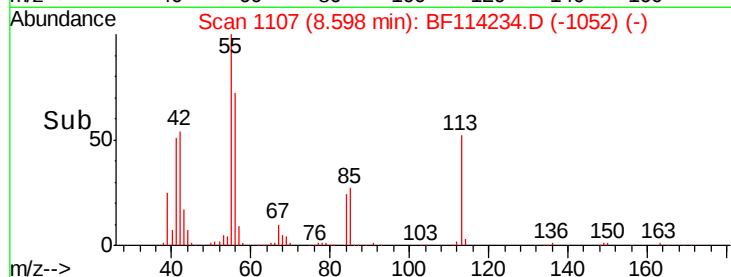
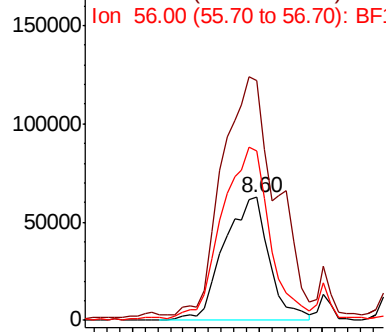
#35
 Caprolactam
 Concen: 40.954 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.02 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:113 Resp: 154804
 Ion Ratio Lower Upper
 113 100
 55 195.0 183.5 223.5
 56 137.8 128.8 168.8

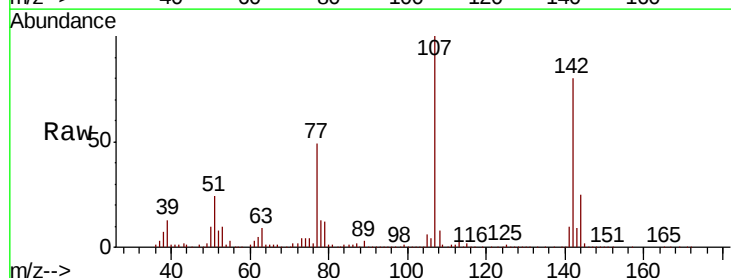


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

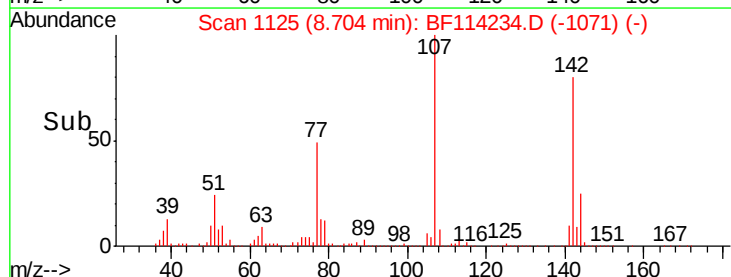
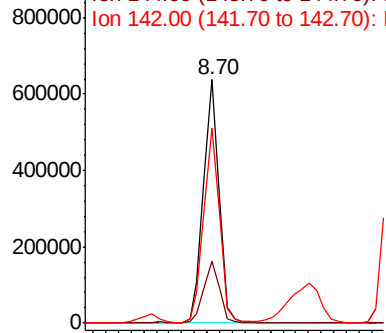


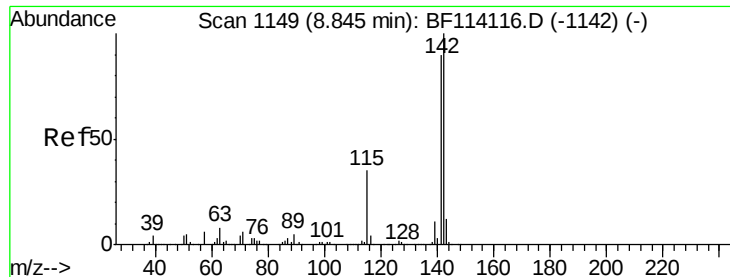
#36
 4-Chloro-3-methylphenol
 Concen: 46.261 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.02 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:107 Resp: 539800
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.4 30.6
 142 80.3 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

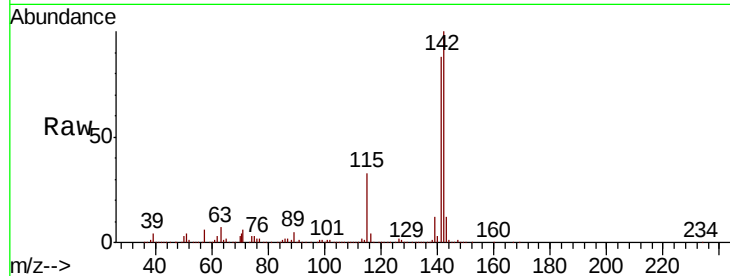




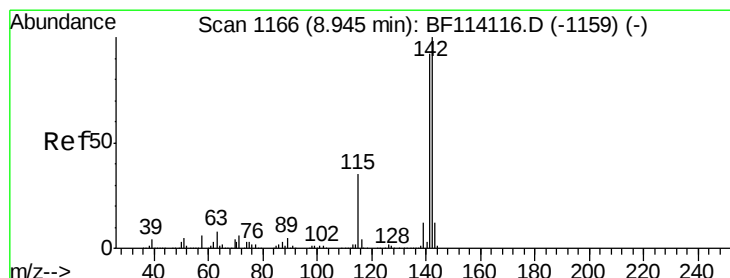
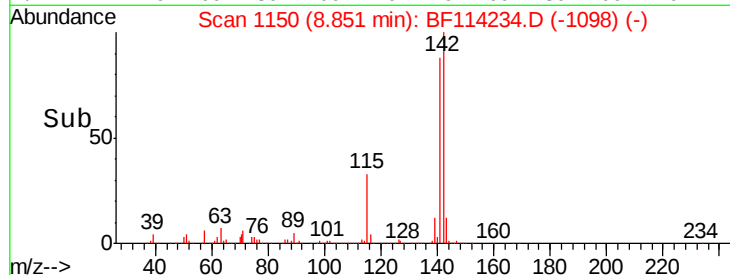
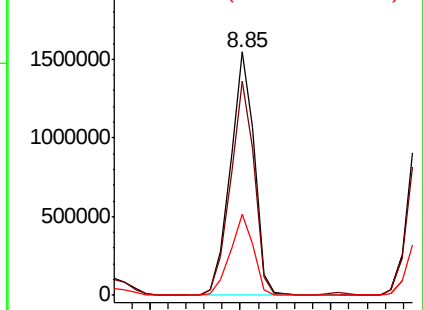
#37
 2-Methylnaphthalene
 Concen: 55.453 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:142 Resp: 1406869
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.1 108.1
 115 33.3 28.0 42.0

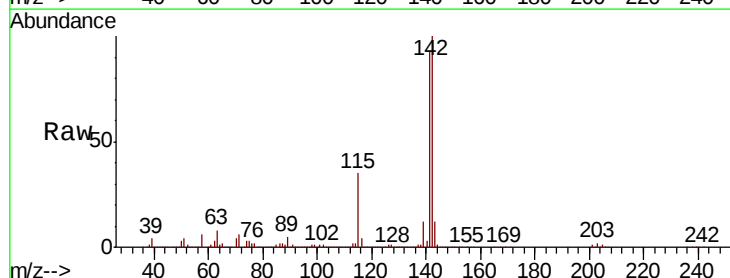


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

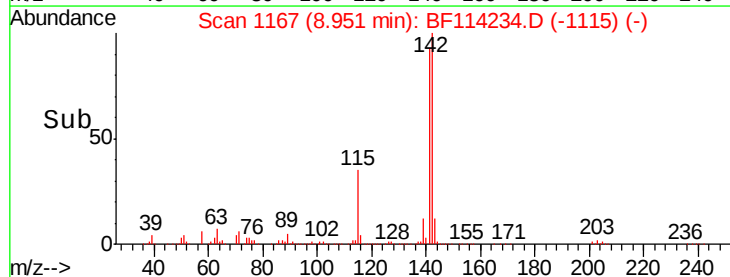
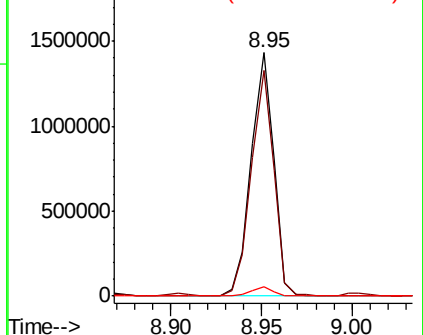


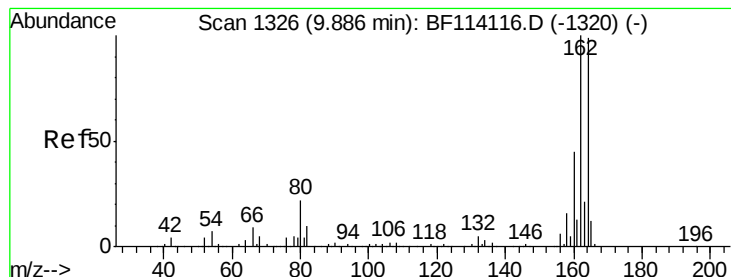
#38
 1-Methylnaphthalene
 Concen: 51.901 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:142 Resp: 1240023
 Ion Ratio Lower Upper
 142 100
 141 93.0 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: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

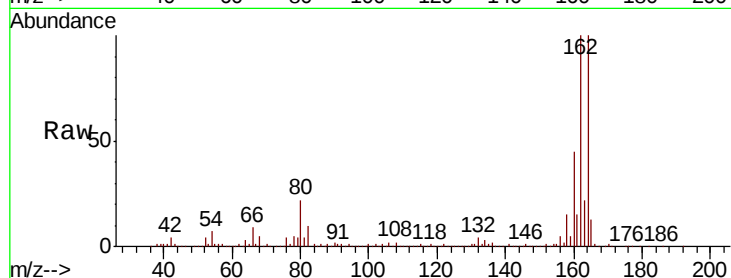
Tgt Ion:164 Resp: 410923

Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

160 45.4 36.5 54.7

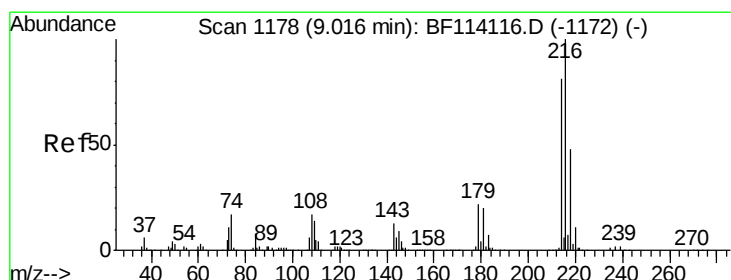
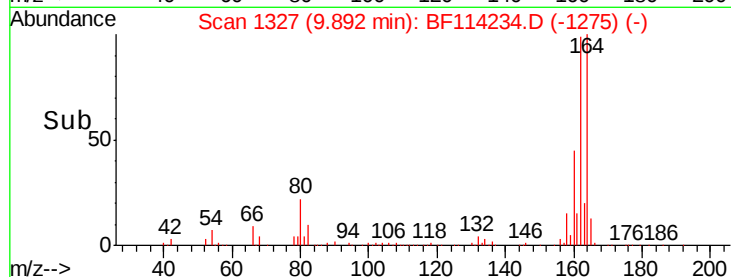
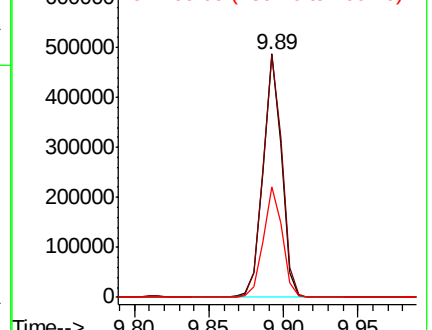


Abundance

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: 41.456 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:216 Resp: 516039

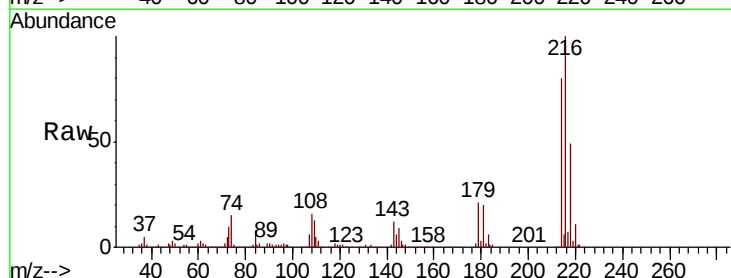
Ion Ratio Lower Upper

216 100

214 79.0 63.9 95.9

179 21.5 17.0 25.6

108 18.1 14.8 22.2



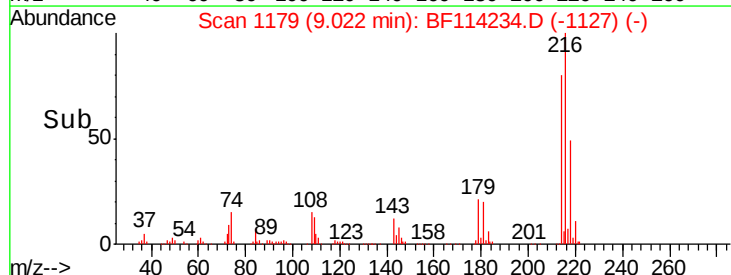
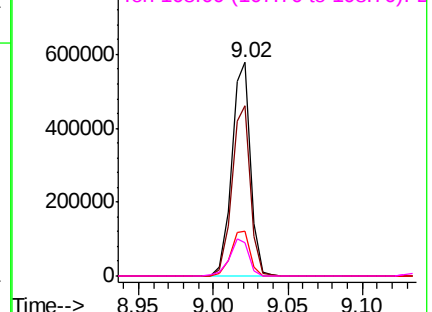
Abundance

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: 24.020 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

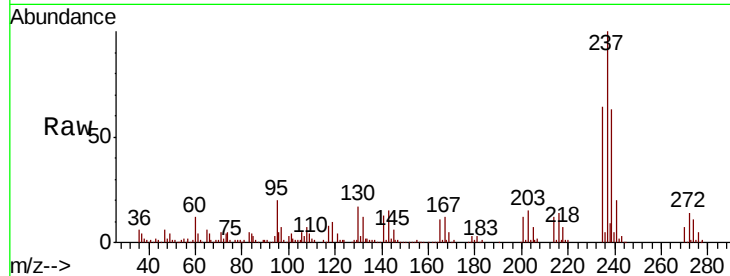
Tgt Ion: 237 Resp: 120750

Ion Ratio Lower Upper

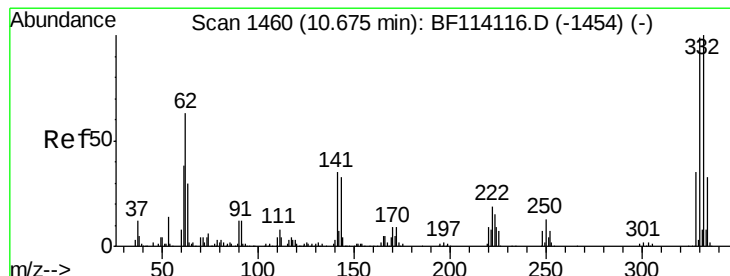
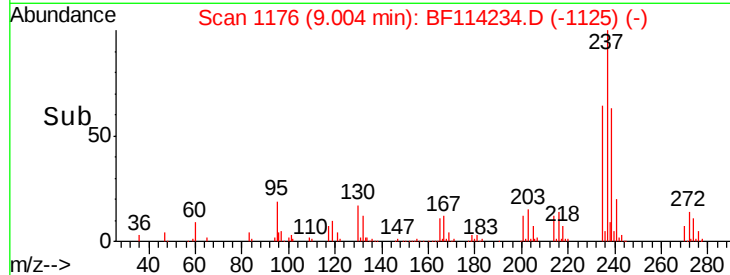
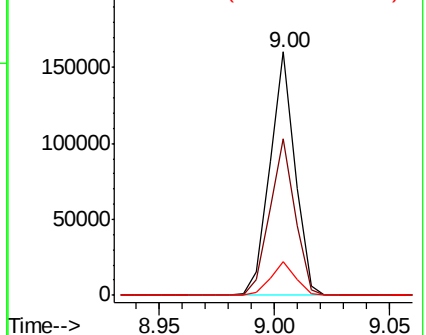
237 100

235 64.1 42.0 82.0

272 13.8 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: 91.037 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

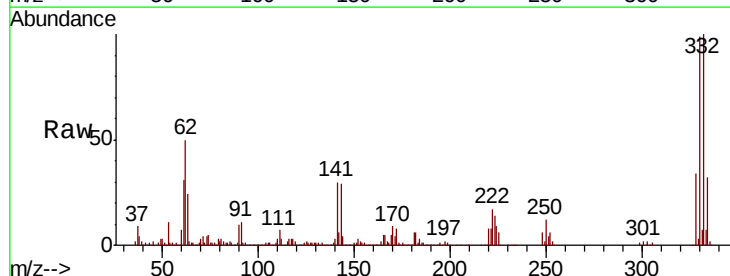
Tgt Ion: 330 Resp: 386747

Ion Ratio Lower Upper

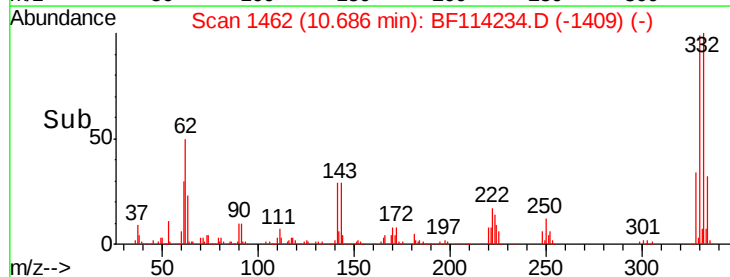
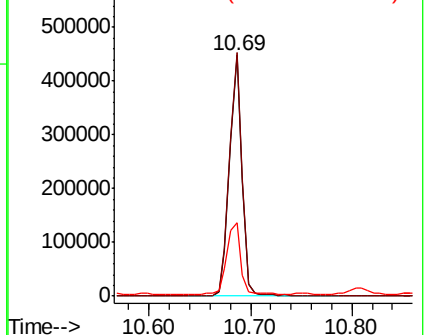
330 100

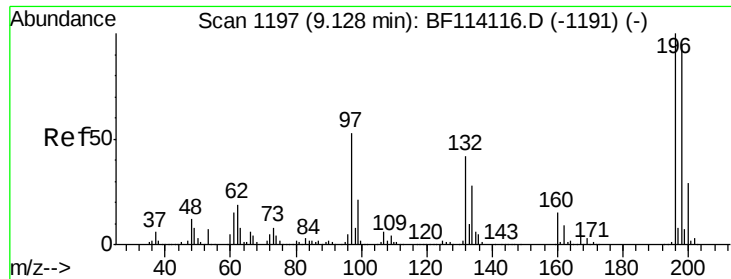
332 102.4 81.4 122.2

141 32.6 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

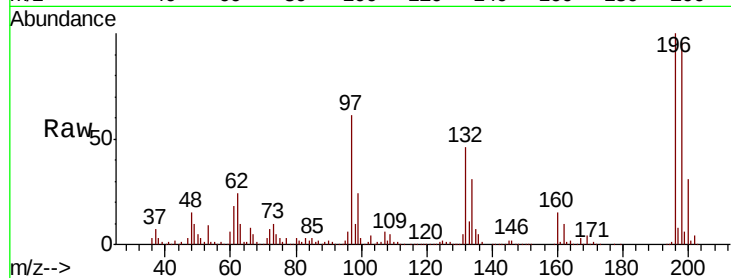




#43
 2,4,6-Trichlorophenol
 Concen: 41.996 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.9	113.9
200	30.8	23.5	35.3

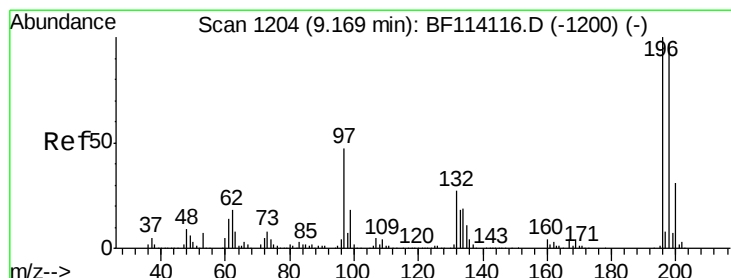
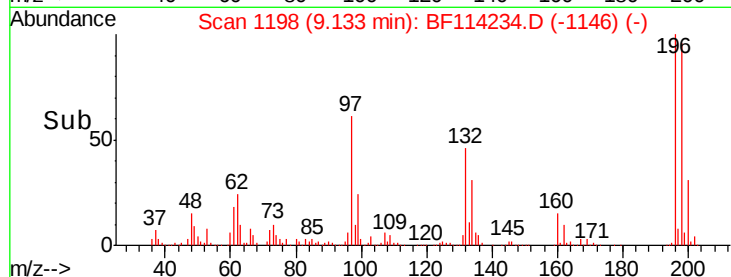
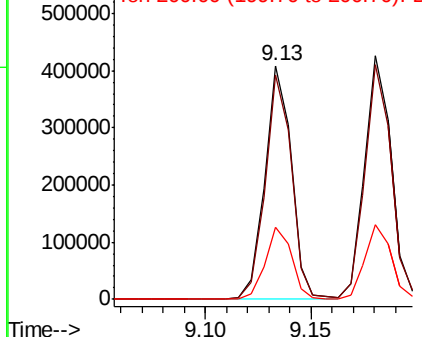


Abundance

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: 43.135 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.7	116.5
97	53.1	38.2	57.2
132	29.6	21.4	32.2

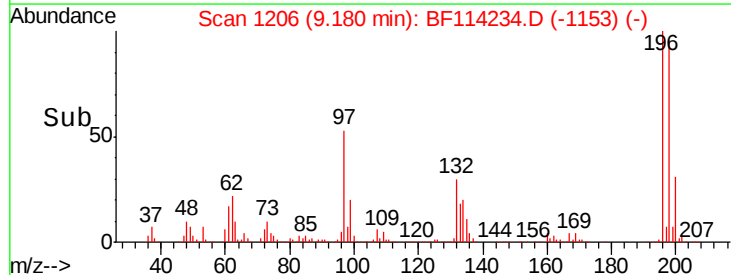
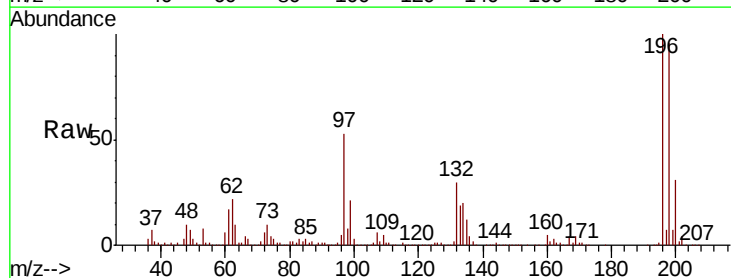
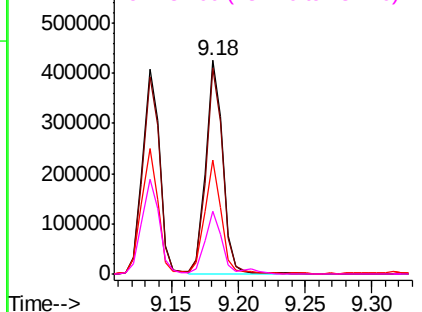
Abundance

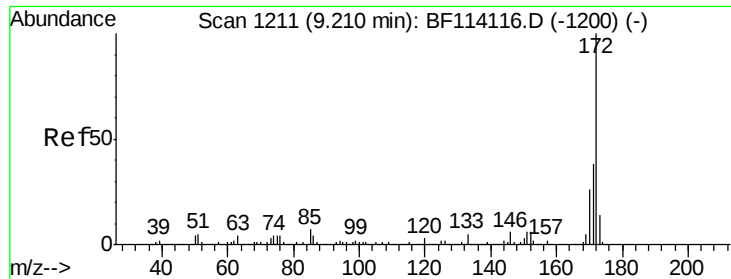
Ion 196.00 (195.70 to 196.70): E

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

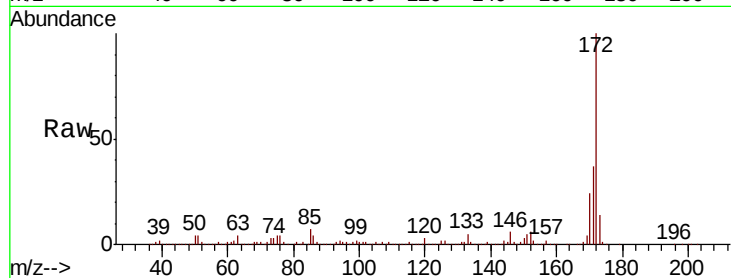




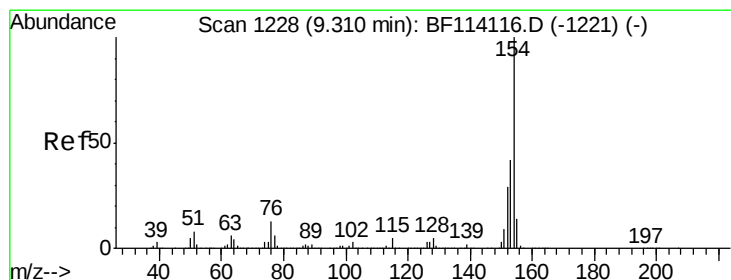
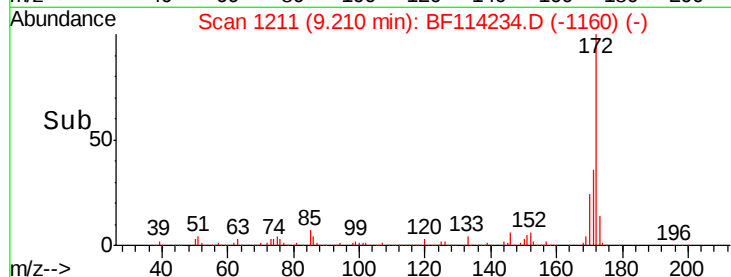
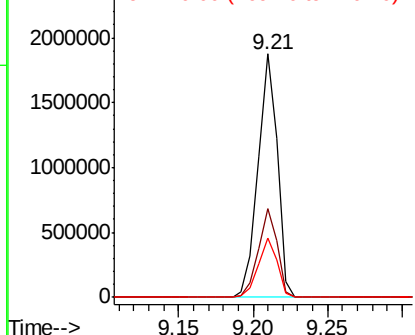
#45
2-Fluorobiphenyl
Concen: 61.043 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:172 Resp: 1658260
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.5 20.5 30.7

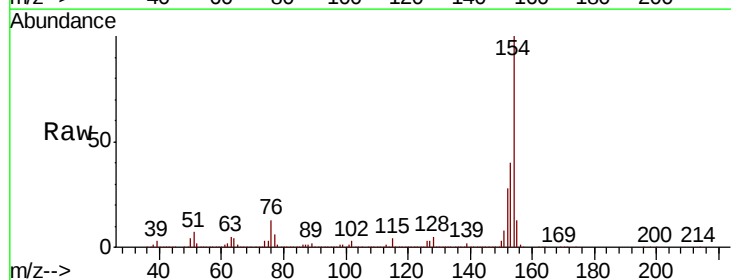


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

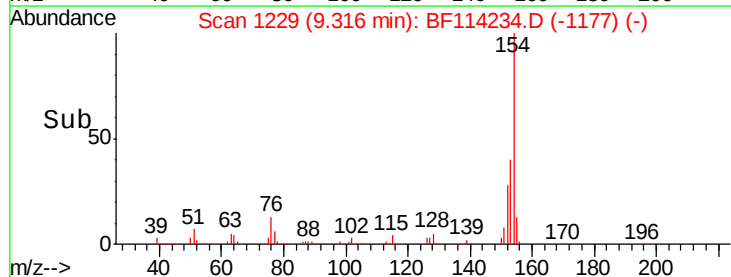
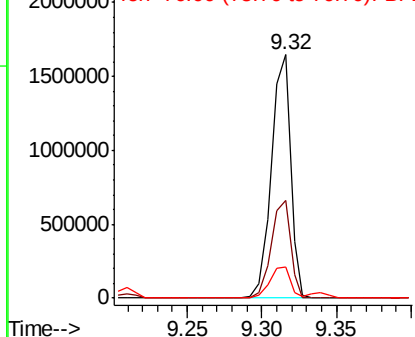


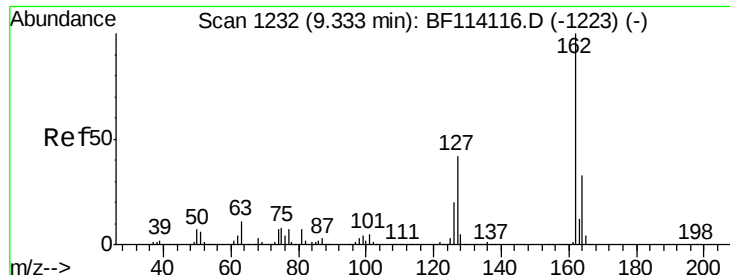
#46
1,1'-Biphenyl
Concen: 44.164 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:154 Resp: 1466127
Ion Ratio Lower Upper
154 100
153 40.2 21.9 61.9
76 12.6 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

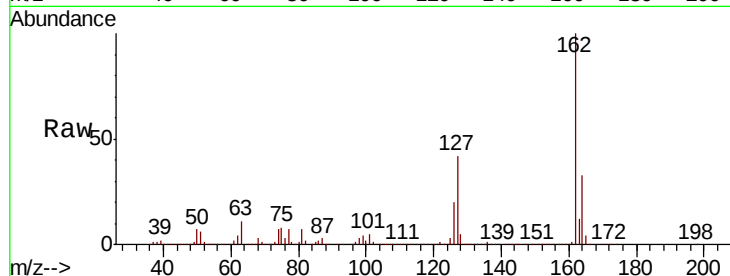




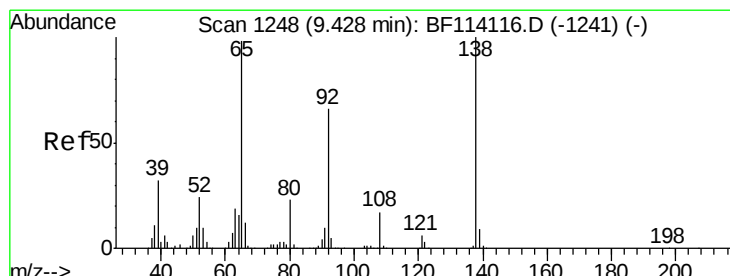
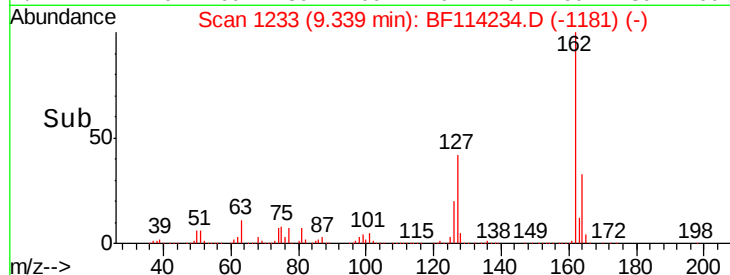
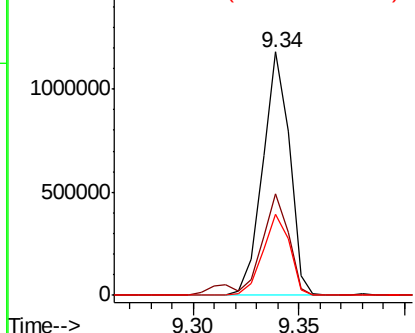
#47
 2-Chloronaphthalene
 Concen: 39.228 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion: 162 Resp: 1048047
 Ion Ratio Lower Upper
 162 100
 127 41.8 34.0 51.0
 164 33.0 26.7 40.1

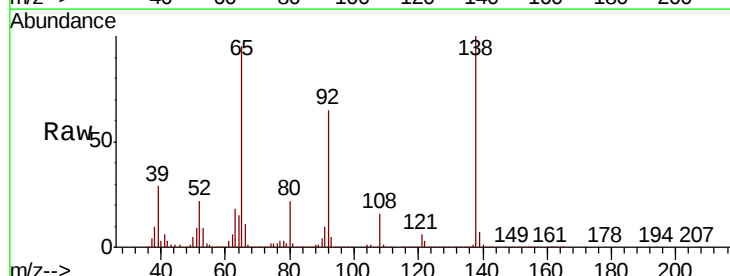


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

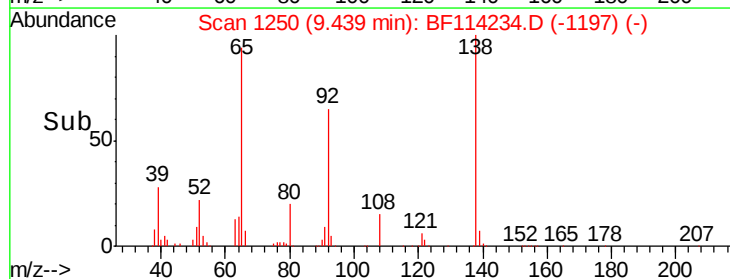
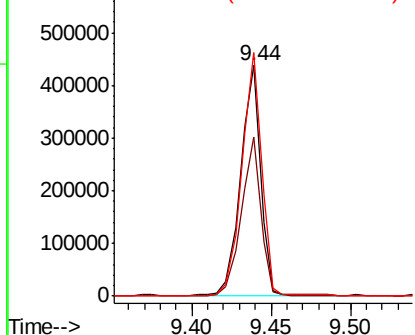


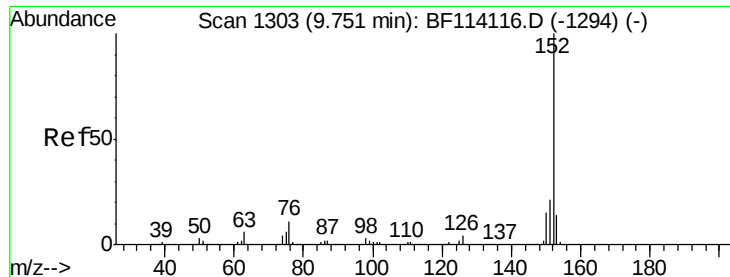
#48
 2-Nitroaniline
 Concen: 40.316 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion: 65 Resp: 381993
 Ion Ratio Lower Upper
 65 100
 92 69.1 53.9 80.9
 138 105.7 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: 65.291 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

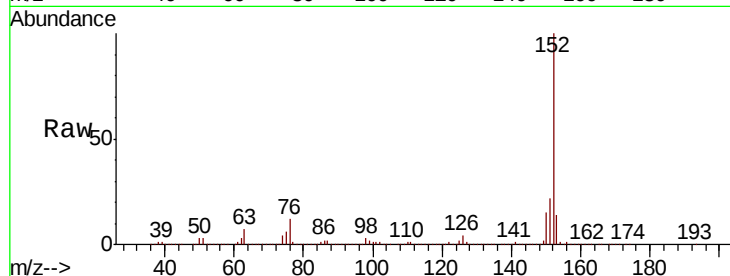
Tgt Ion:152 Resp: 2653068

Ion Ratio Lower Upper

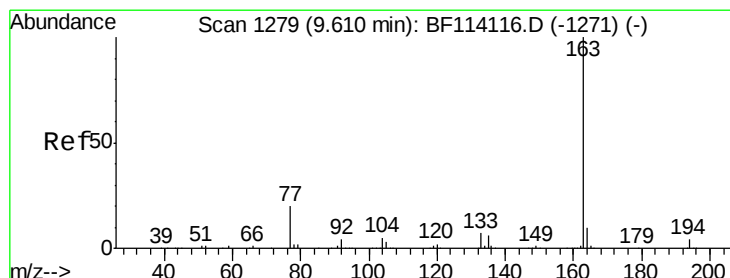
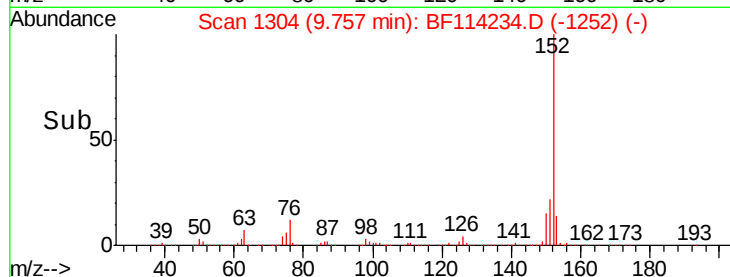
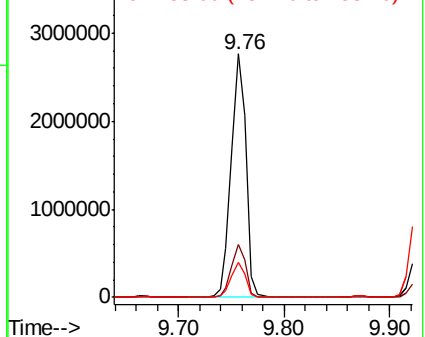
152 100

151 21.7 16.8 25.2

153 14.5 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: 51.765 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

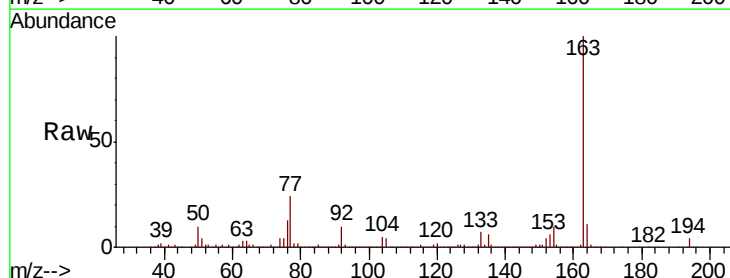
Tgt Ion:163 Resp: 1561535

Ion Ratio Lower Upper

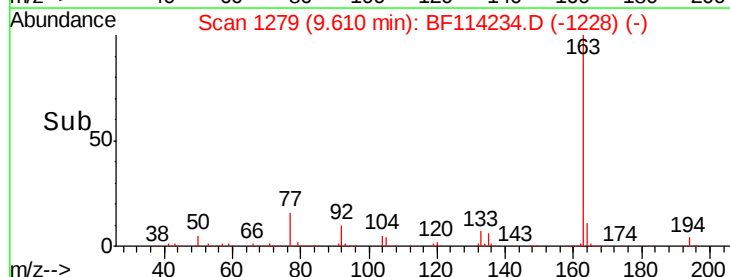
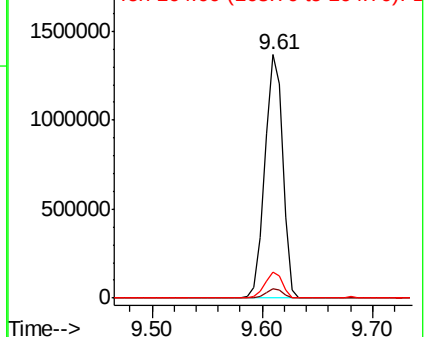
163 100

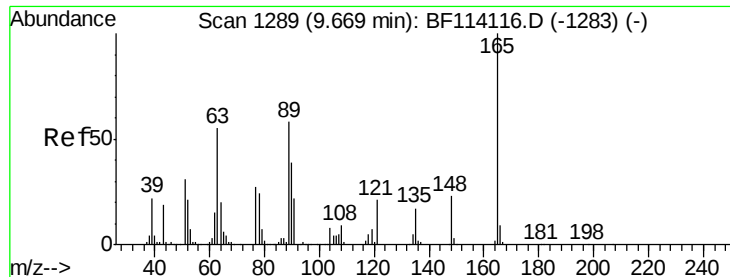
194 3.9 3.4 5.0

164 10.8 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

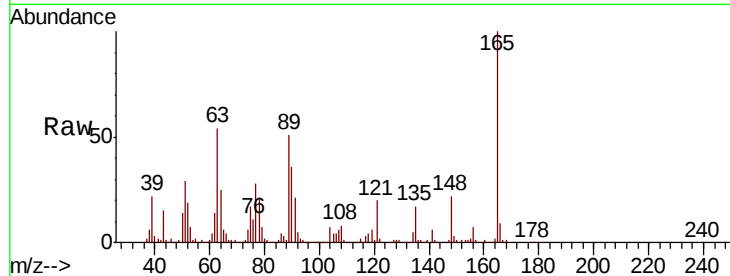




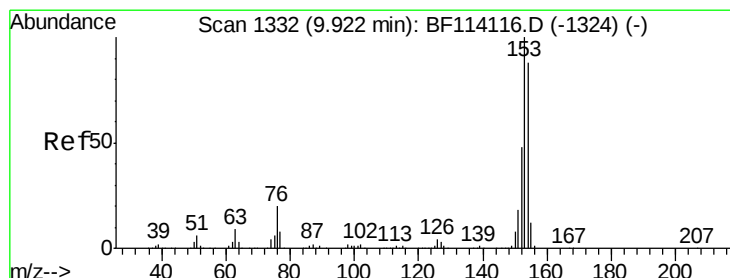
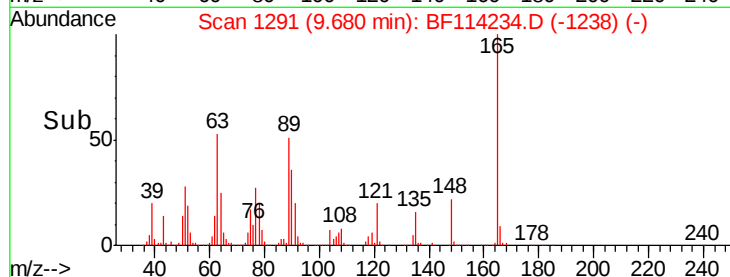
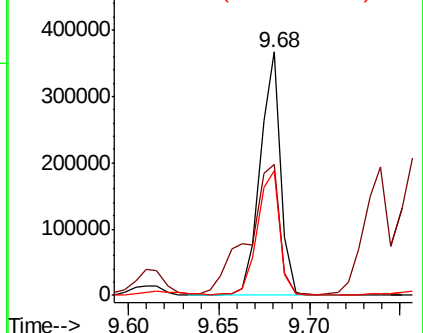
#51
 2,6-Dinitrotoluene
 Concen: 42.763 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:165 Resp: 286118
 Ion Ratio Lower Upper
 165 100
 63 53.9 50.2 75.4
 89 51.2 46.6 69.8

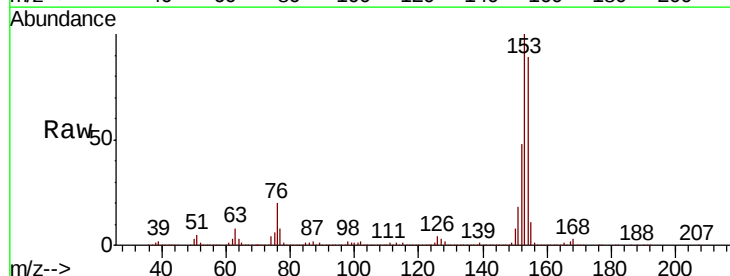


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

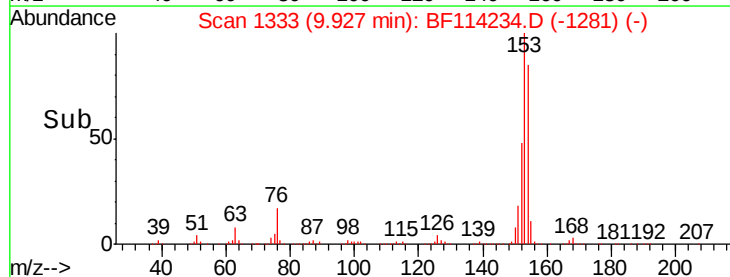
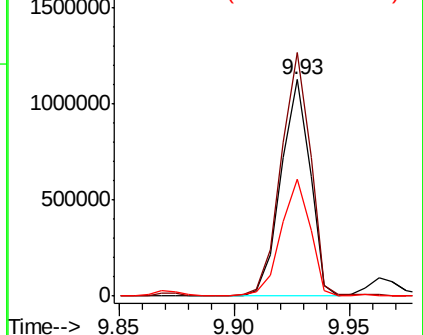


#52
 Acenaphthene
 Concen: 39.180 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:154 Resp: 976955
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.5 135.7
 152 54.1 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

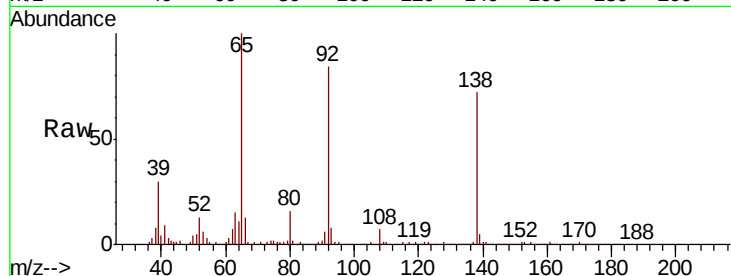




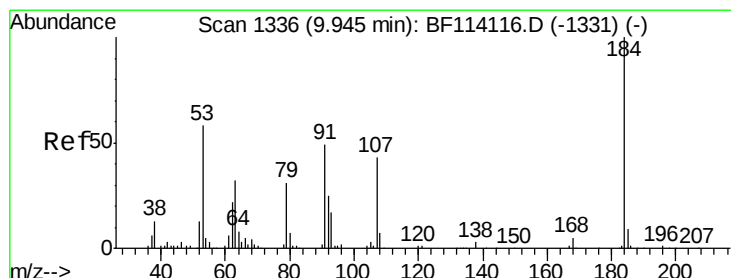
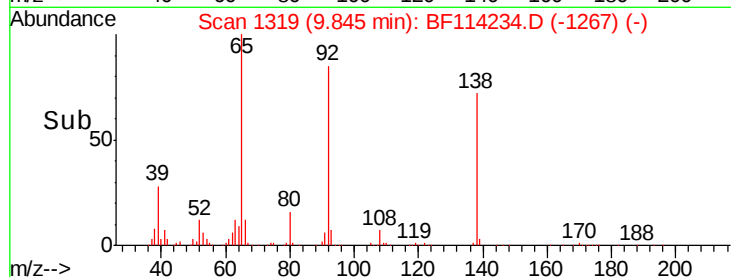
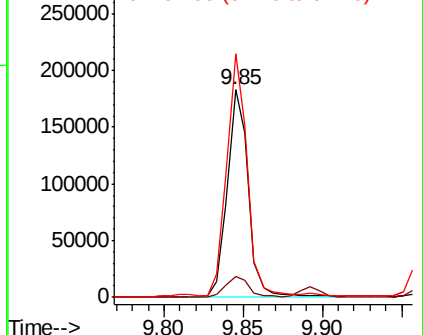
#53
3-Nitroaniline
Concen: 20.108 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:138 Resp: 167007
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 117.3 91.2 136.8

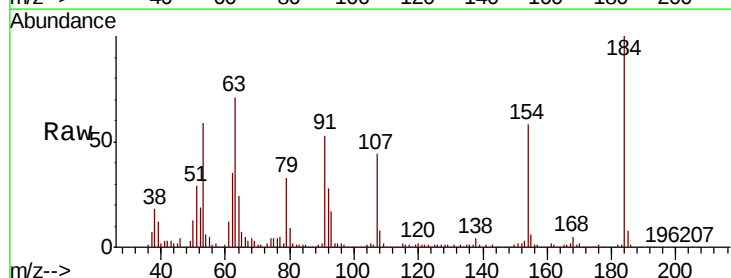


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

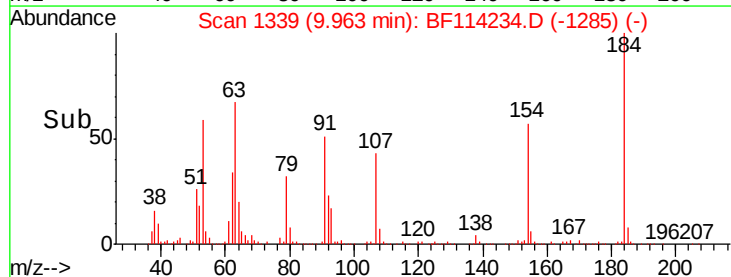
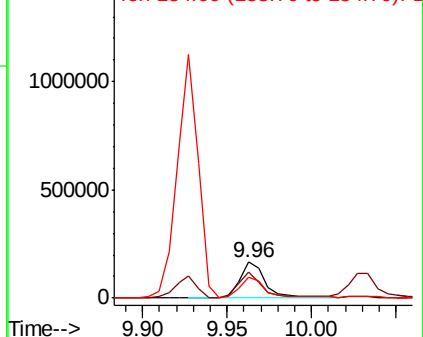


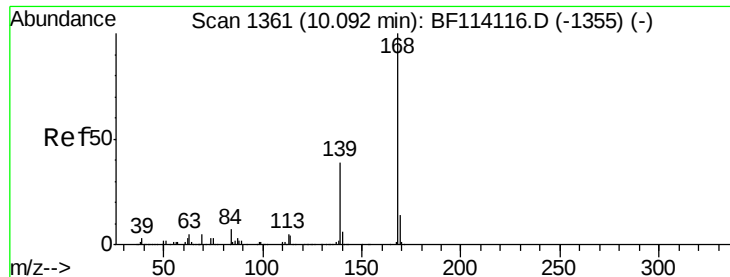
#54
2,4-Dinitrophenol
Concen: 54.418 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:184 Resp: 175154
Ion Ratio Lower Upper
184 100
63 71.3 55.6 83.4
154 58.4 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

Dibenzenofuran

Concen: 39.938 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

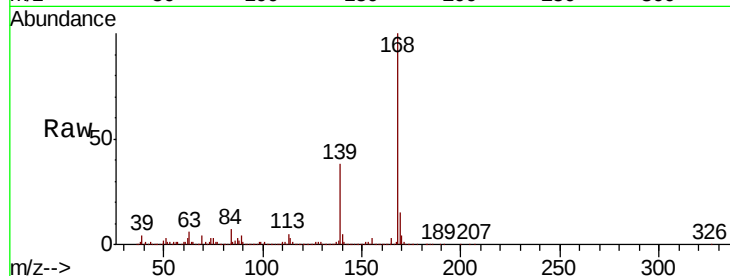
Tgt Ion:168 Resp: 1460280

Ion Ratio Lower Upper

168 100

139 37.8 31.1 46.7

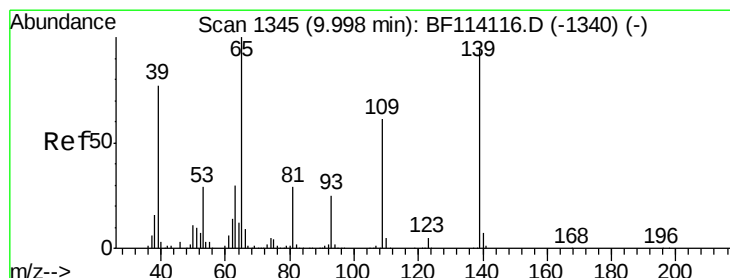
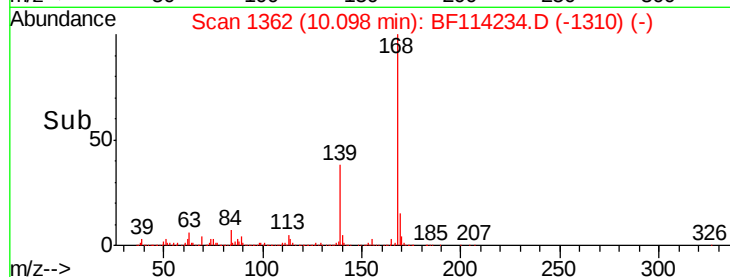
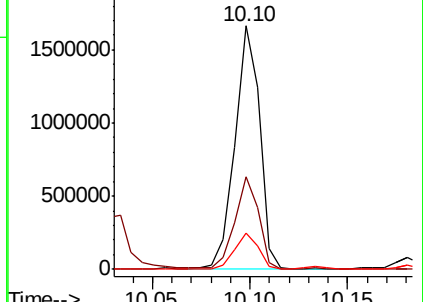
169 14.9 11.4 17.0



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: 69.181 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.04 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

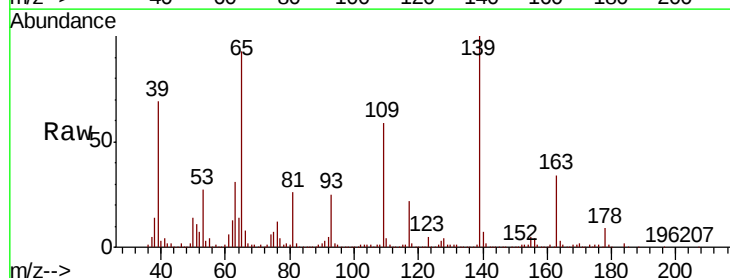
Tgt Ion:139 Resp: 406338

Ion Ratio Lower Upper

139 100

109 58.6 43.9 83.9

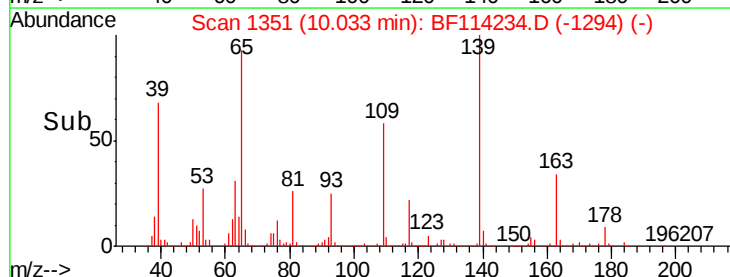
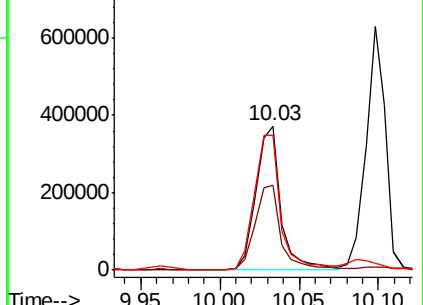
65 93.2 85.7 125.7

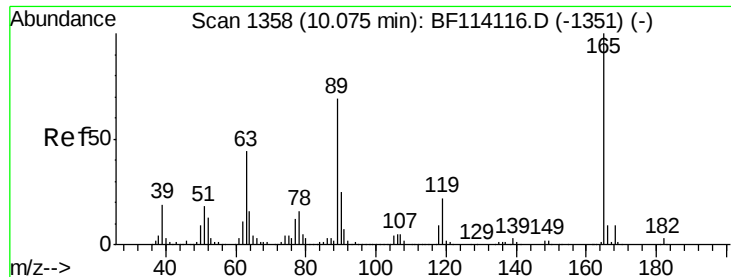


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.014 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tgt Ion:165 Resp: 372462

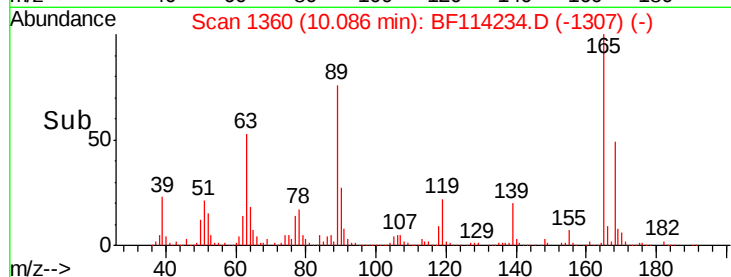
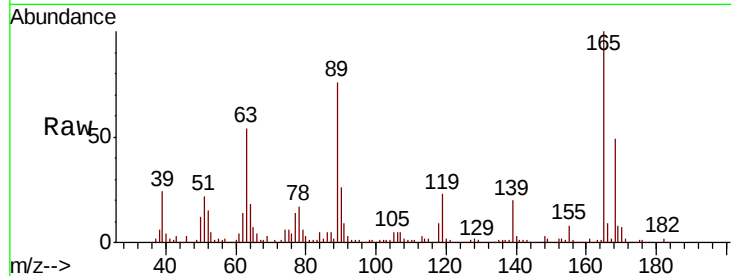
Ion Ratio Lower Upper

165 100

63 53.5 35.5 53.3#

89 75.7 55.2 82.8

182 2.4 2.2 3.2

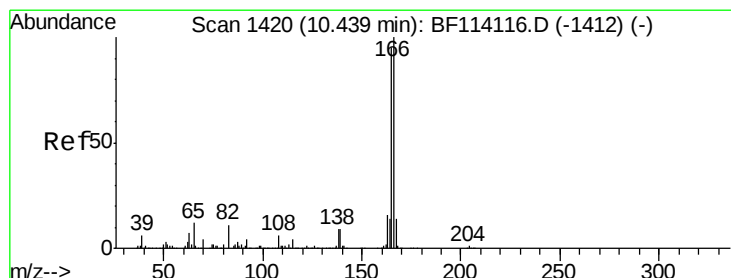
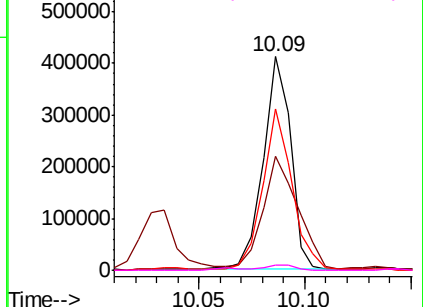


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.158 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

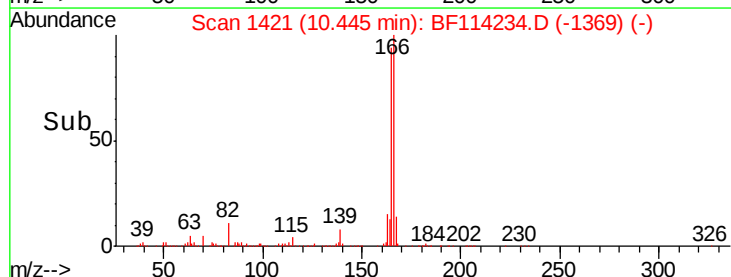
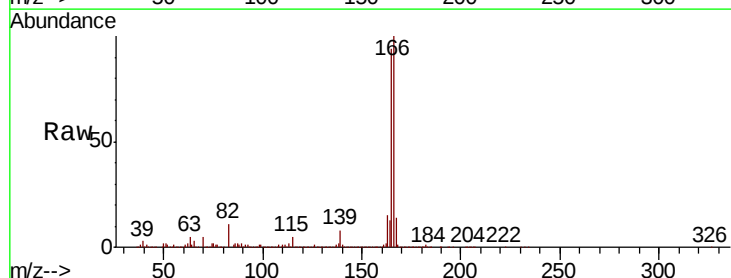
Tgt Ion:166 Resp: 1275353

Ion Ratio Lower Upper

166 100

165 93.8 76.1 114.1

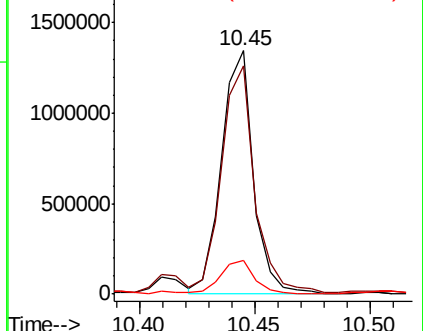
167 13.9 11.1 16.7

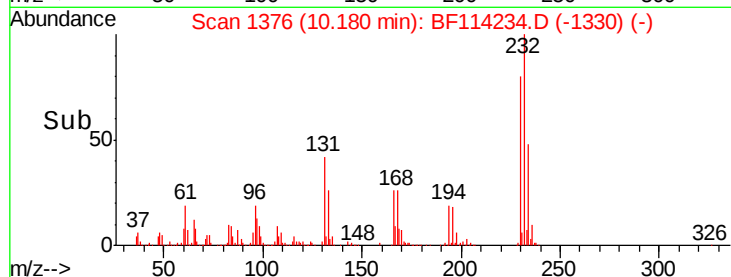
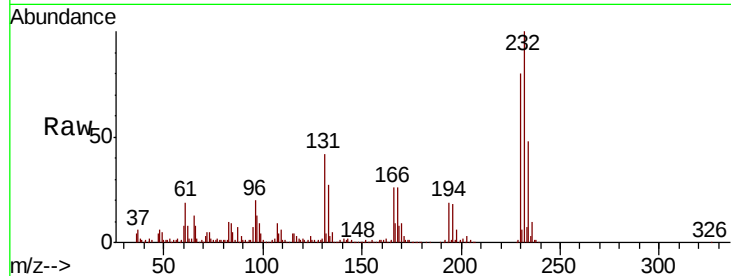
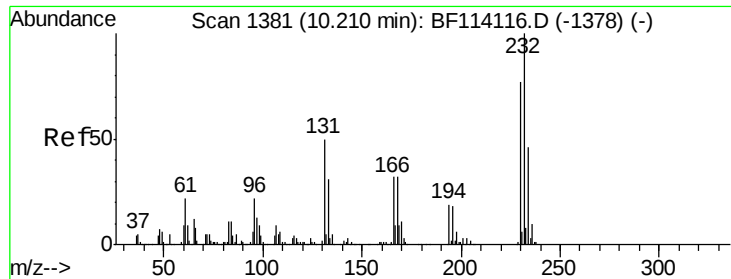


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

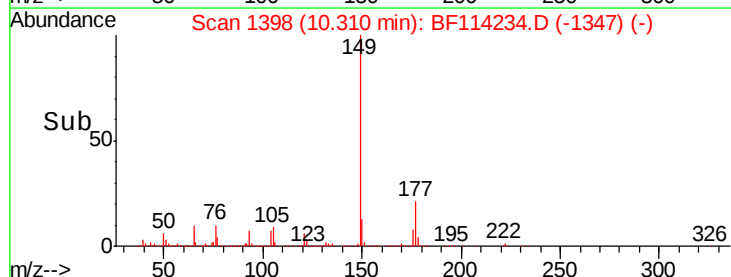
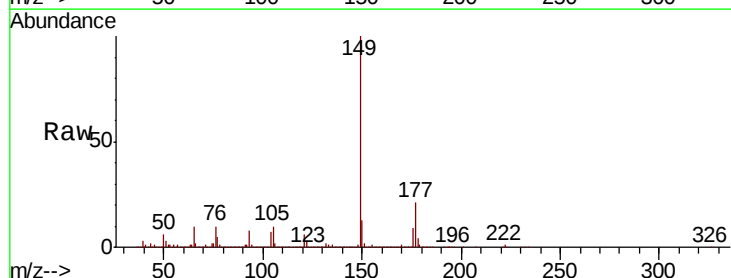
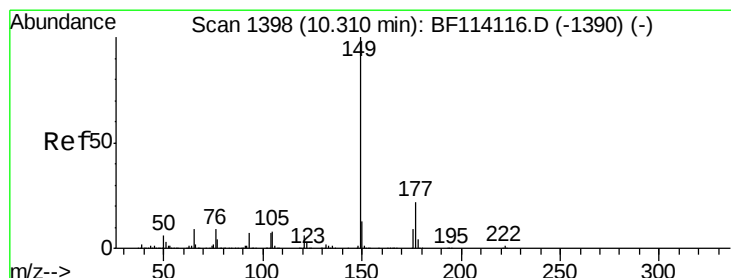
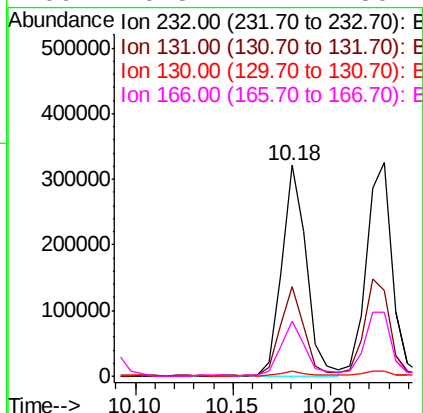




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.021 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

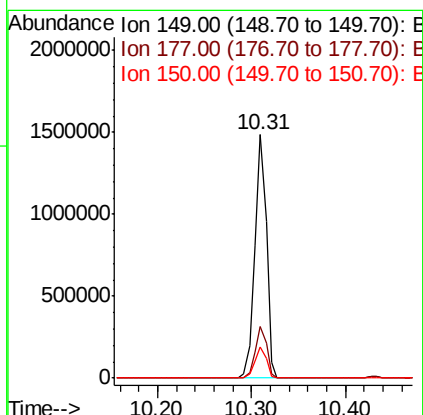
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

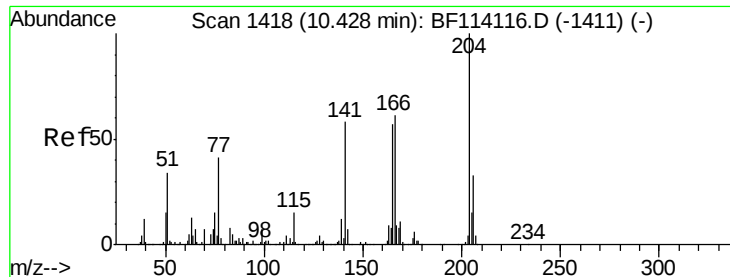
Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	35.6	53.4
130	2.4	1.6	2.4
166	26.3	24.1	36.1



#60
Diethylphthalate
Concen: 41.428 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.6
150	13.0	10.2	15.2

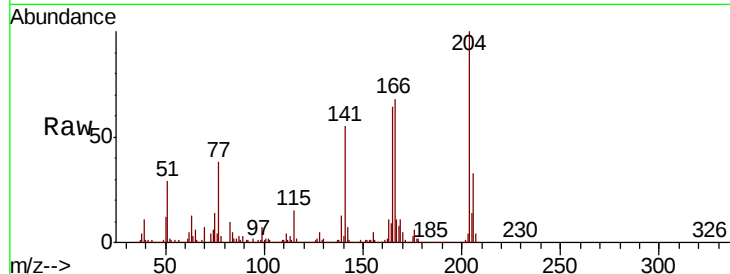




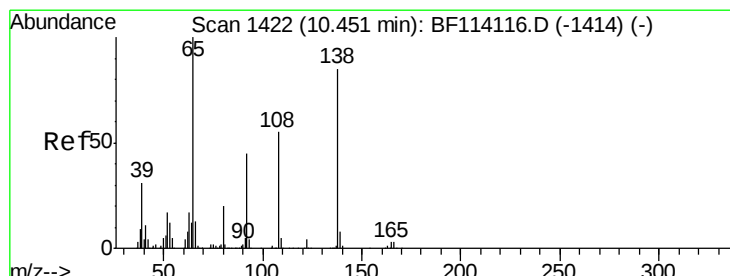
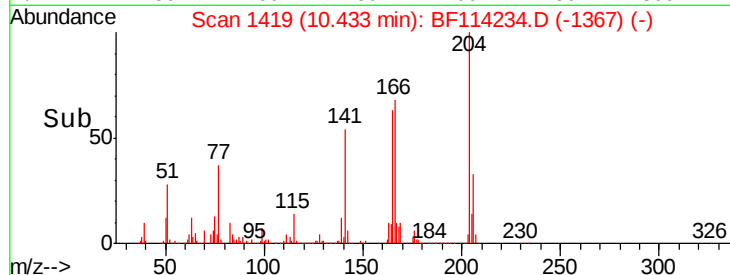
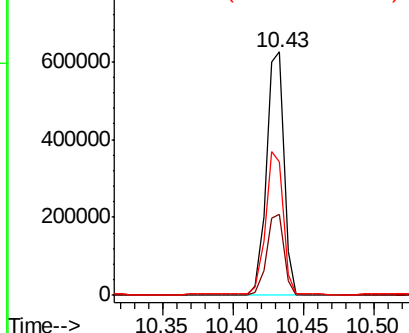
#61
 4-Chlorophenyl-phenylether
 Concen: 40.077 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:204 Resp: 555909
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 39.8
 141 54.9 46.4 69.6

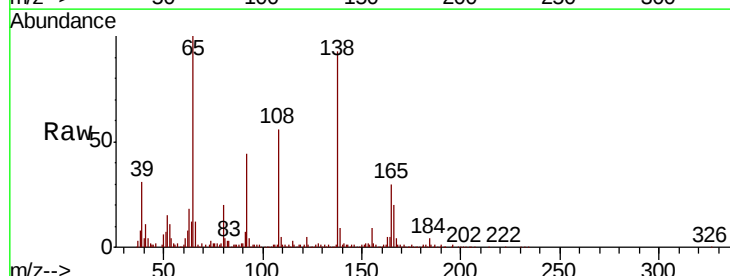


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

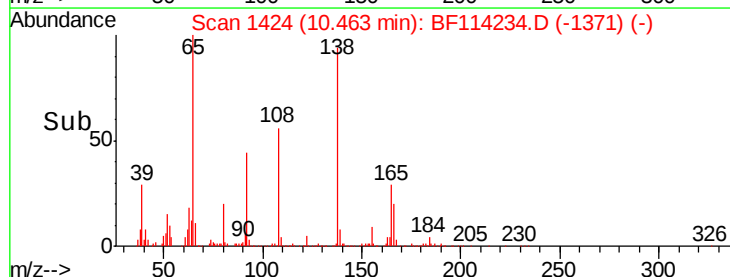
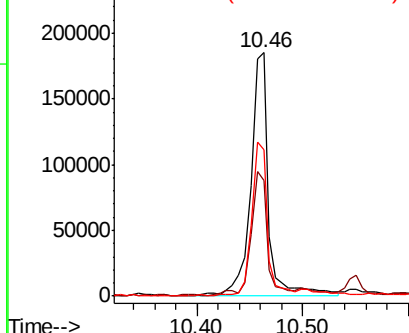


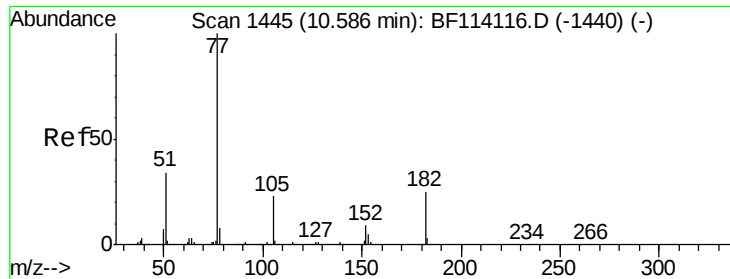
#62
 4-Nitroaniline
 Concen: 24.888 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:138 Resp: 217214
 Ion Ratio Lower Upper
 138 100
 92 47.3 33.0 73.0
 108 59.9 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: 40.611 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tgt Ion: 77 Resp: 1204834

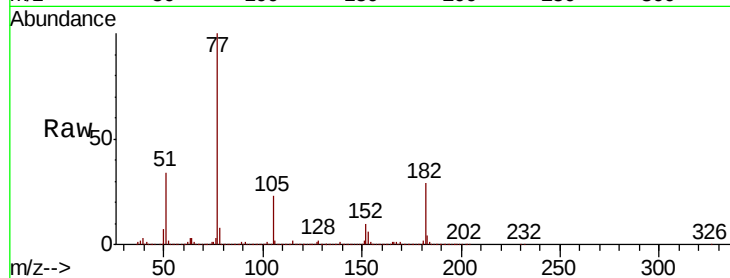
Ion Ratio Lower Upper

77 100

182 28.7 4.7 44.7

105 23.4 2.9 42.9

51 34.4 14.6 54.6

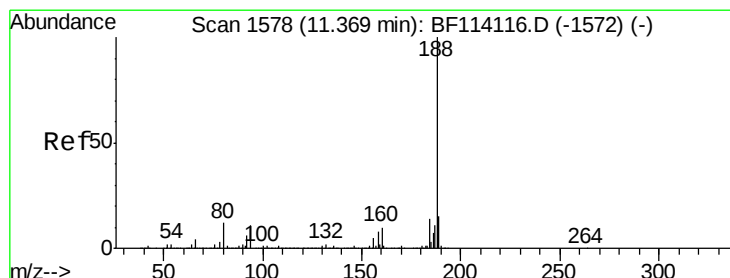
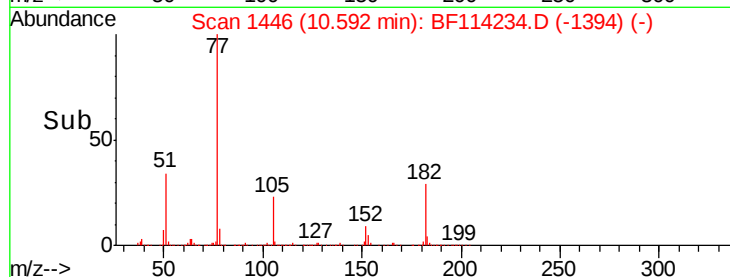
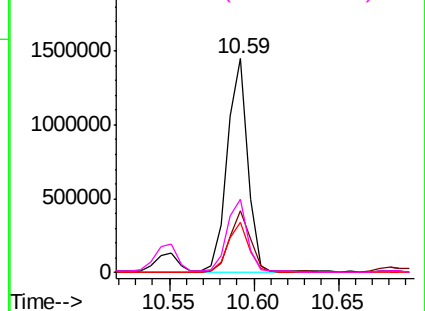


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

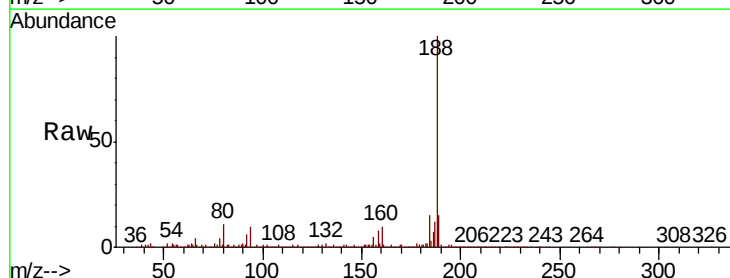
Tgt Ion: 188 Resp: 785051

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

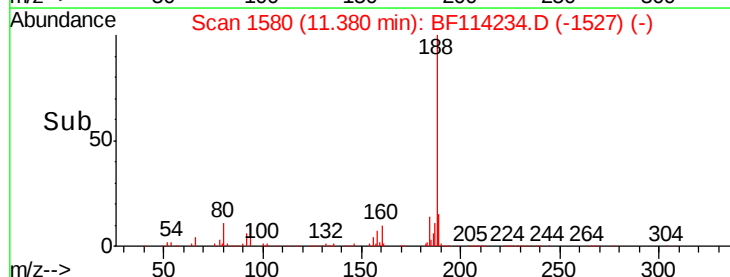
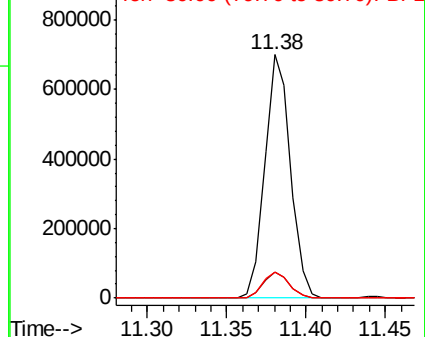
80 10.9 9.2 13.8

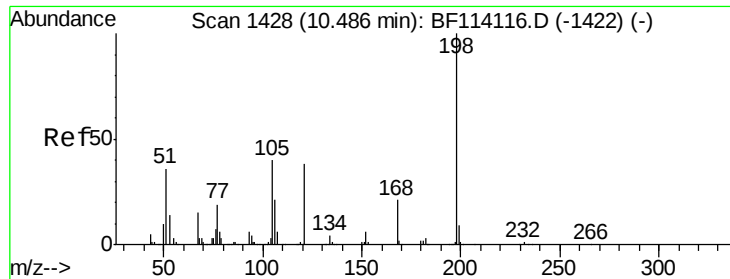


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

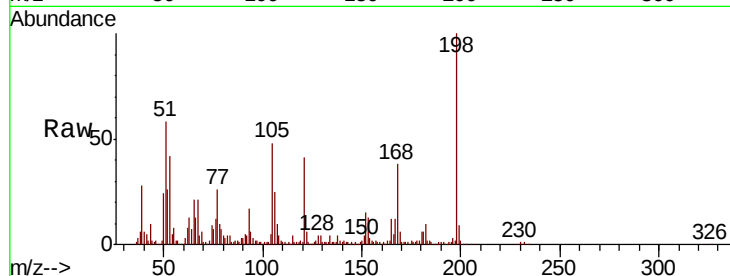




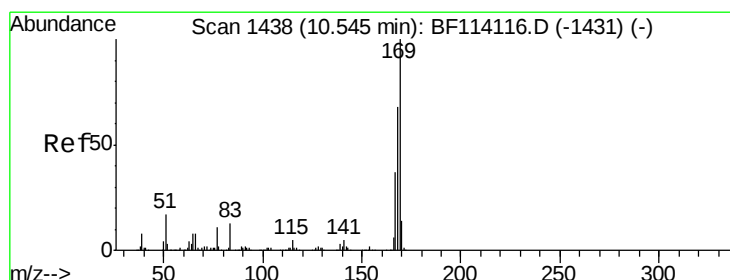
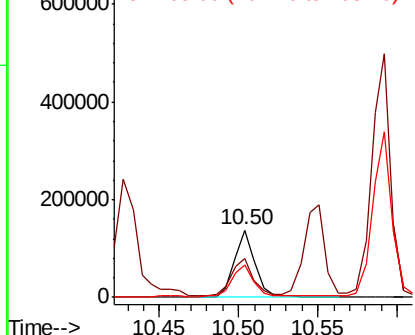
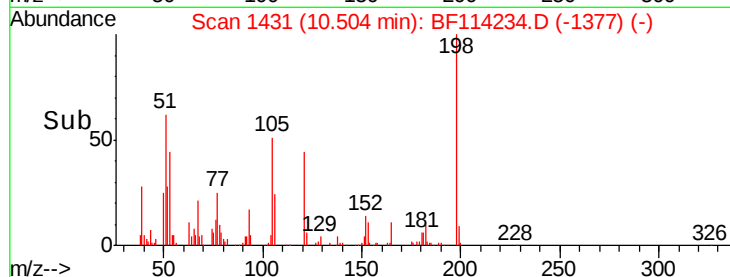
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.339 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.02 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:198 Resp: 125763
 Ion Ratio Lower Upper
 198 100
 51 58.3 28.0 68.0
 105 48.0 21.1 61.1

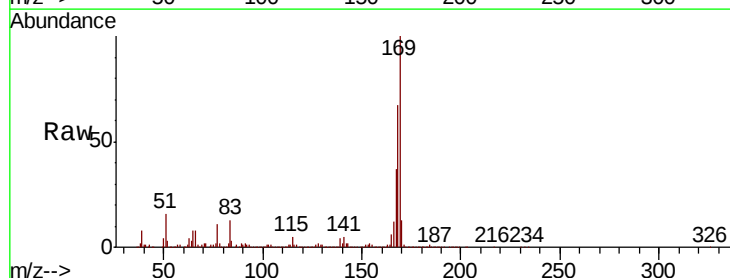


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

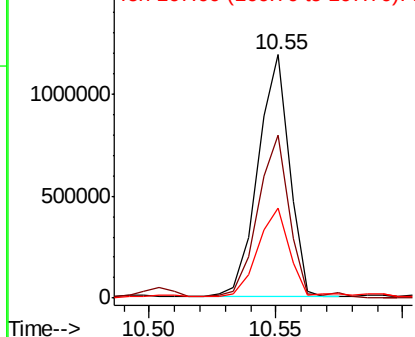
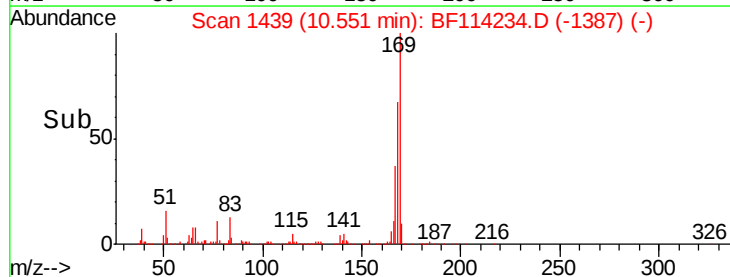


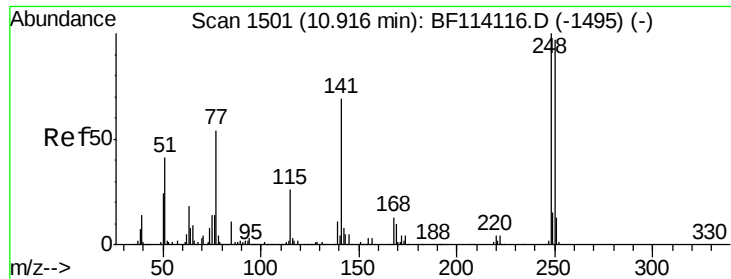
#66
 n-Nitrosodiphenylamine
 Concen: 43.431 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:169 Resp: 1034799
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.2 81.2
 167 37.1 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

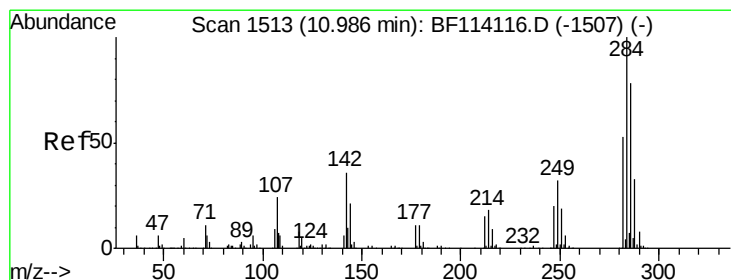
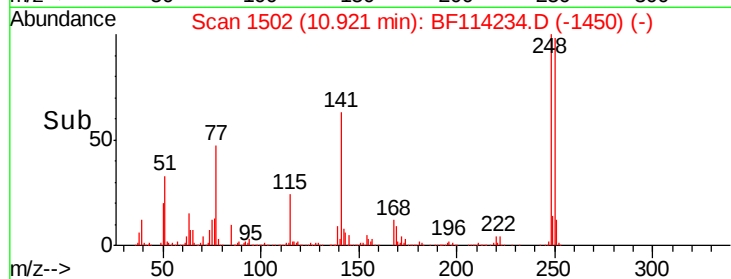
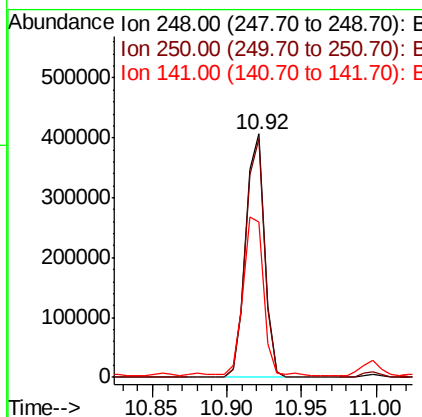
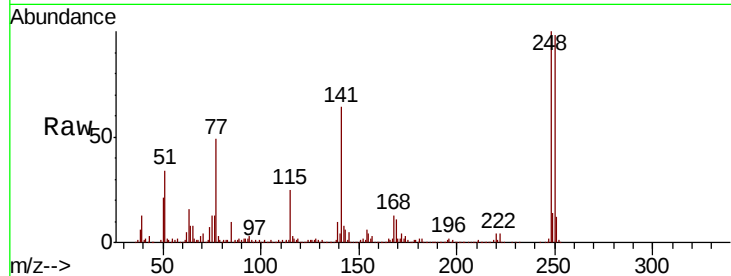




#67
4-Bromophenyl-phenylether
Concen: 41.134 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

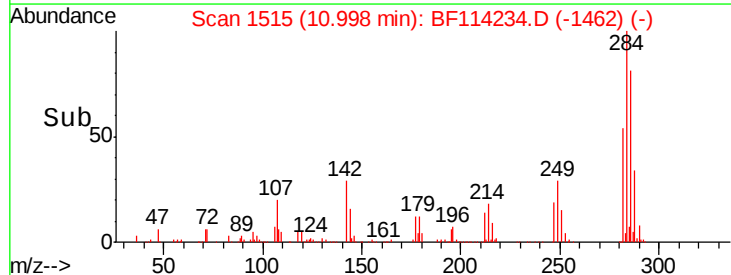
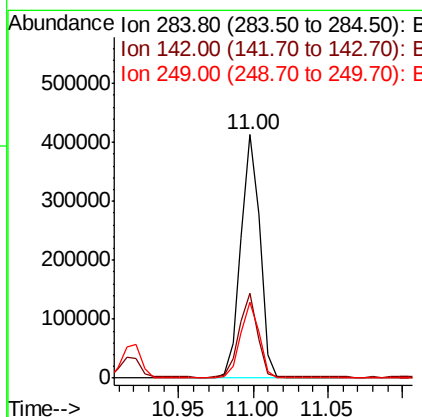
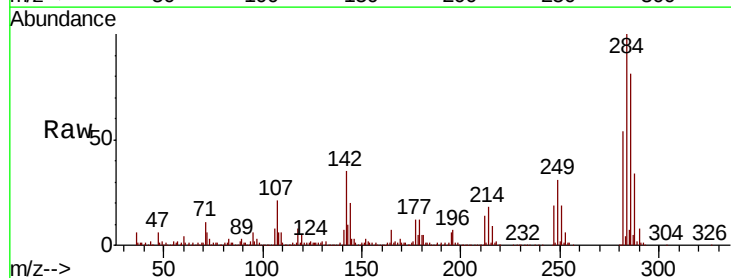
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

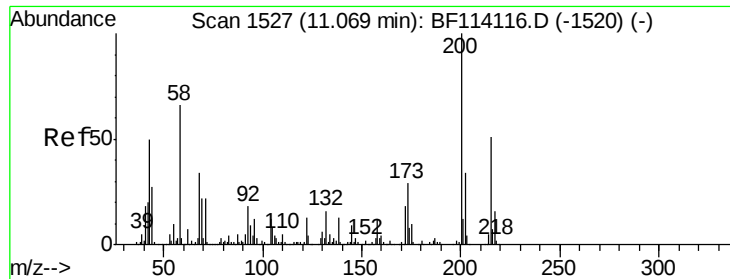
Tgt Ion:248 Resp: 355550
Ion Ratio Lower Upper
248 100
250 98.2 77.4 116.2
141 64.0 55.6 83.4



#68
Hexachlorobenzene
Concen: 38.513 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:284 Resp: 368273
Ion Ratio Lower Upper
284 100
142 35.1 28.4 42.6
249 31.1 25.2 37.8

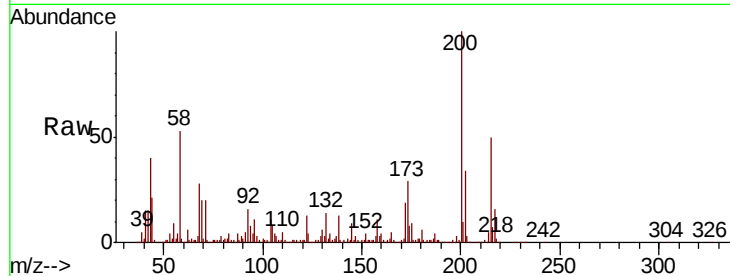




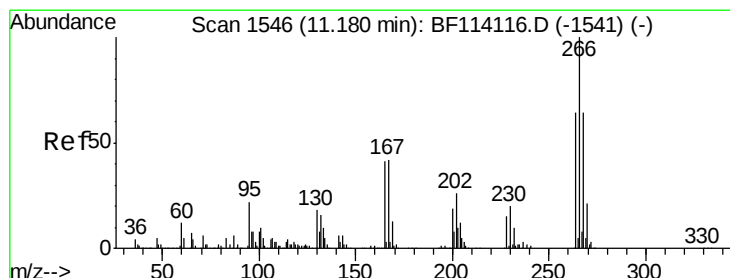
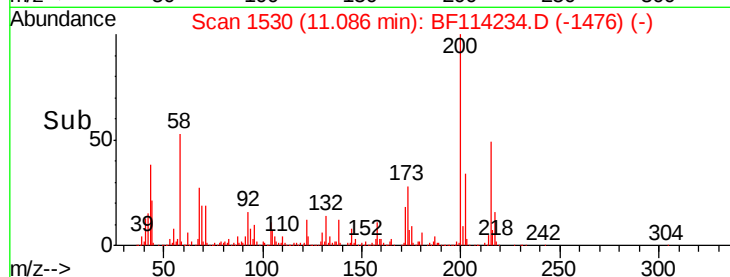
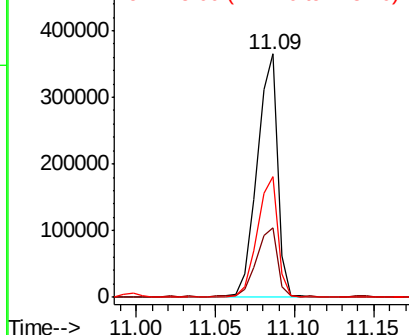
#69
Atrazine
Concen: 44.446 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion: 200 Resp: 329551
Ion Ratio Lower Upper
200 100
173 28.5 8.9 48.9
215 49.6 30.7 70.7

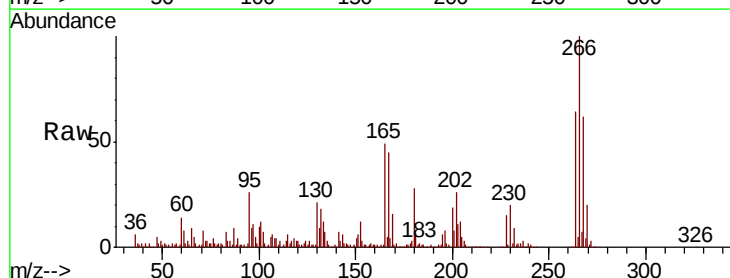


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

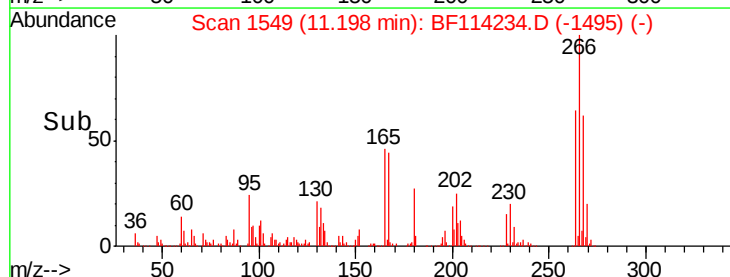
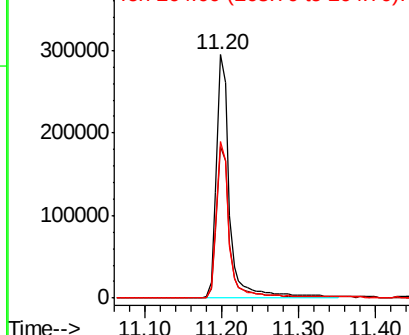


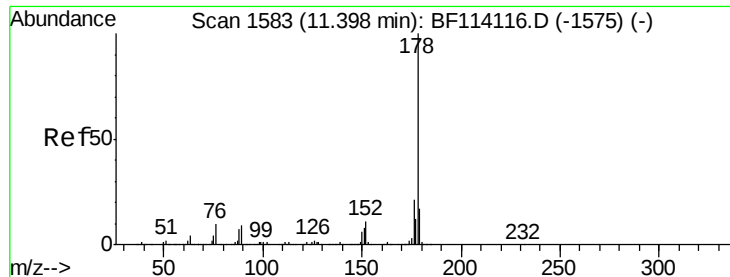
#70
Pentachlorophenol
Concen: 76.768 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion: 266 Resp: 347982
Ion Ratio Lower Upper
266 100
268 62.3 51.1 76.7
264 64.2 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

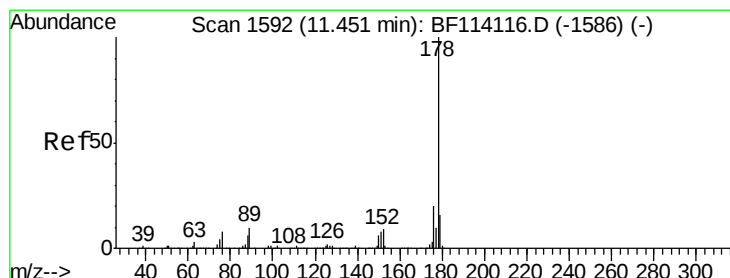
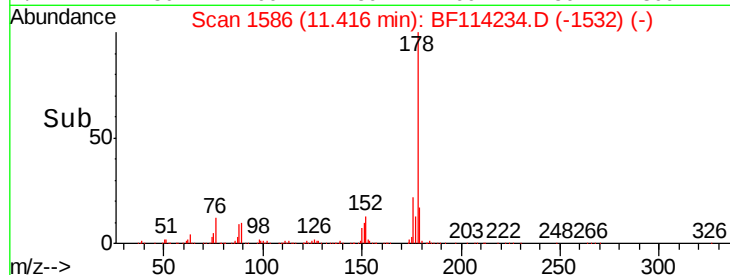
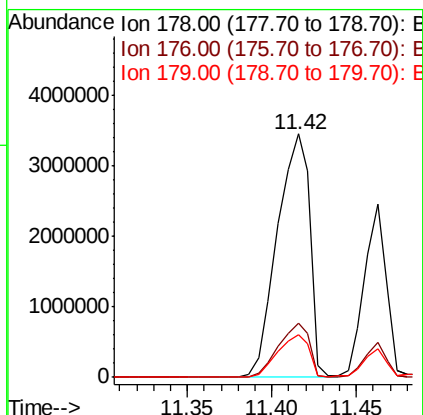
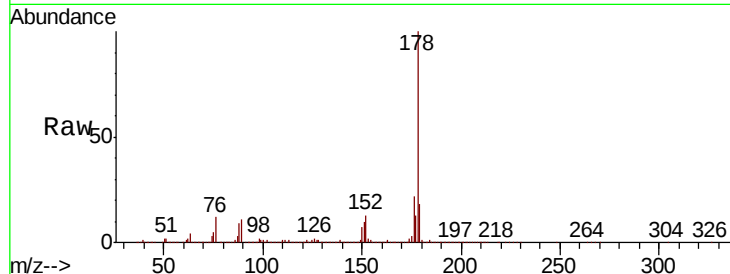




#71
Phenanthrene
Concen: 120.810 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

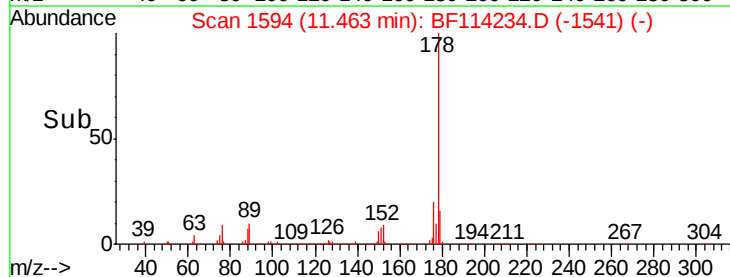
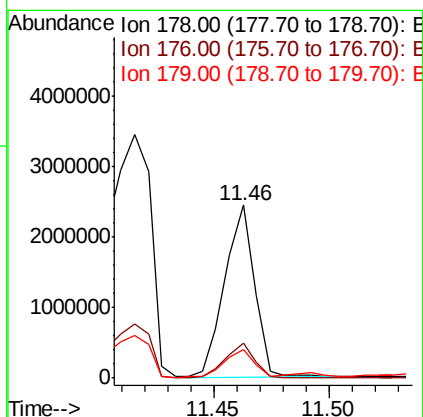
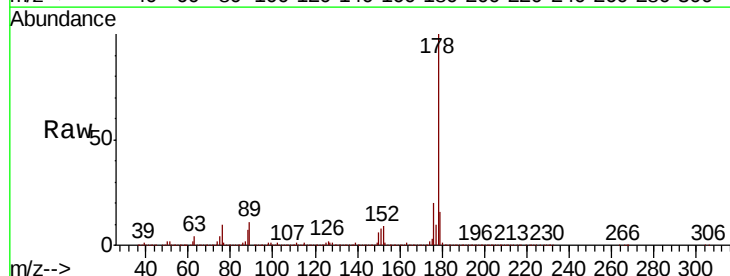
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

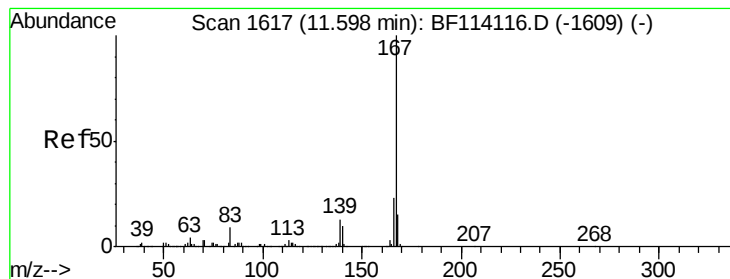
Tgt Ion:178 Resp: 4614185
Ion Ratio Lower Upper
178 100
176 22.4 16.4 24.6
179 17.7 13.2 19.8



#72
Anthracene
Concen: 57.557 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:178 Resp: 2208025
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.4 13.0 19.4





#73

Carbazole

Concen: 40.086 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

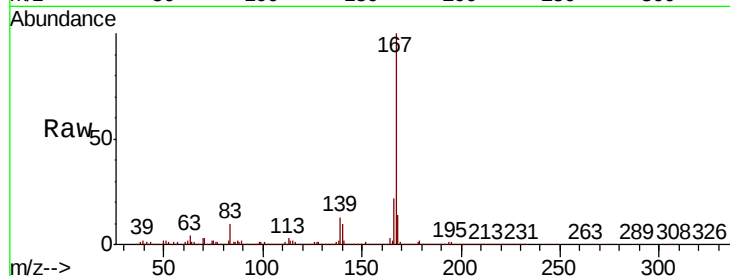
Tgt Ion:167 Resp: 1466422

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

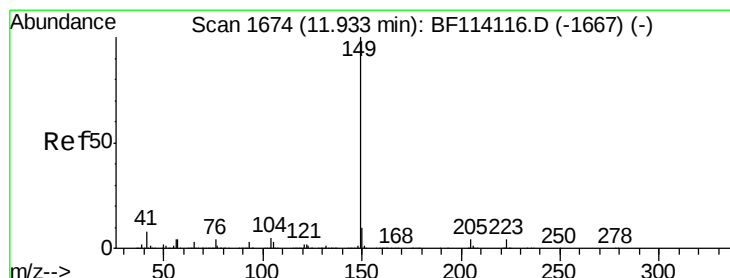
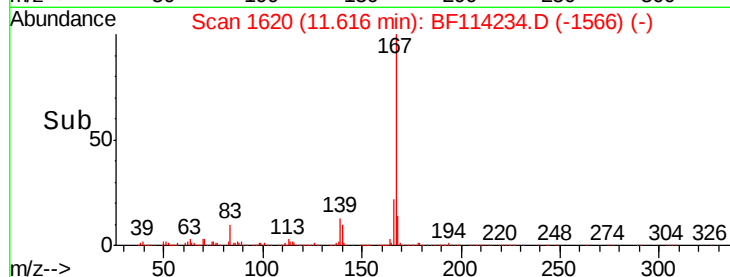
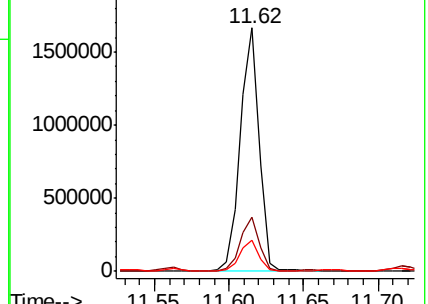
139 12.8 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.183 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

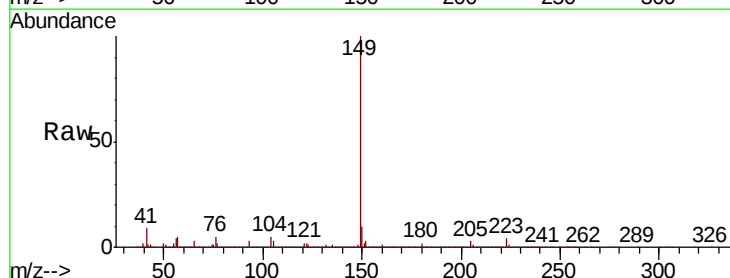
Tgt Ion:149 Resp: 1946409

Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

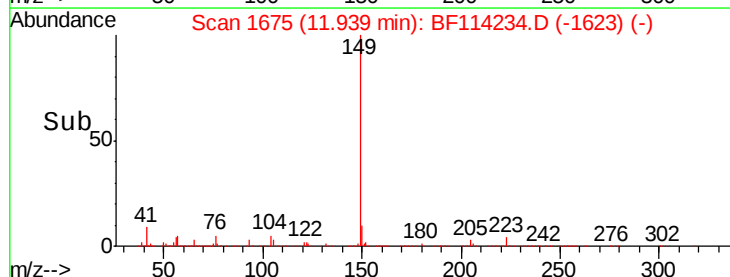
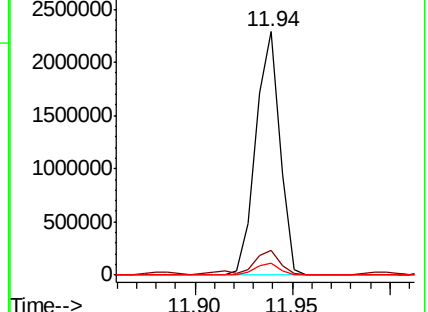
104 4.7 3.6 5.4

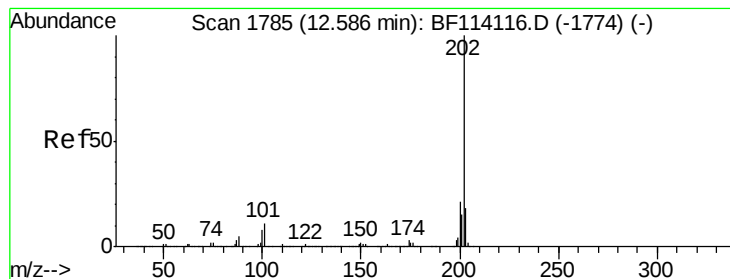


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 134.309 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.03 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

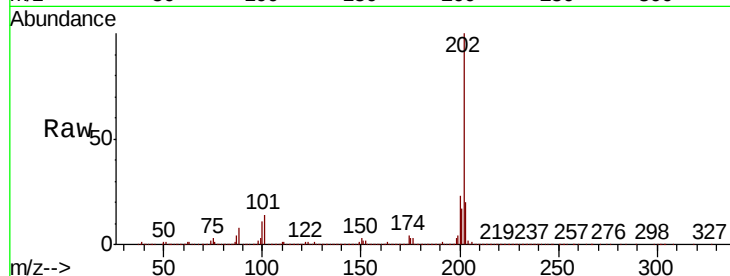
Tgt Ion:202 Resp: 5524097

Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.0

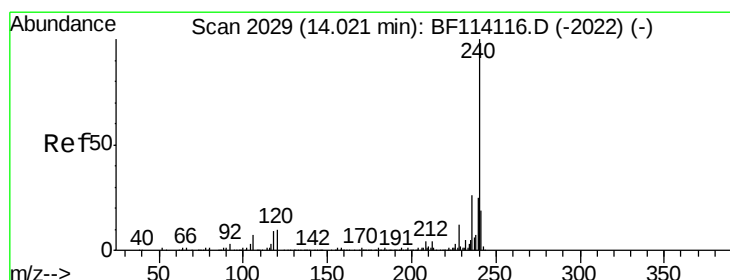
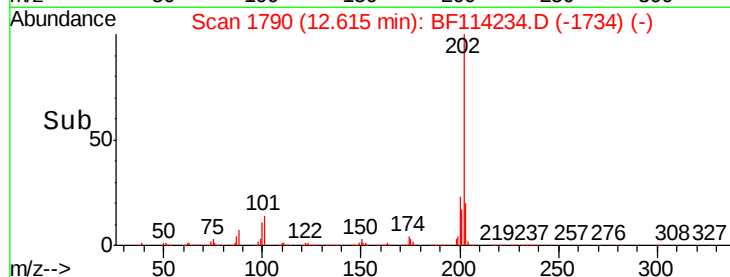
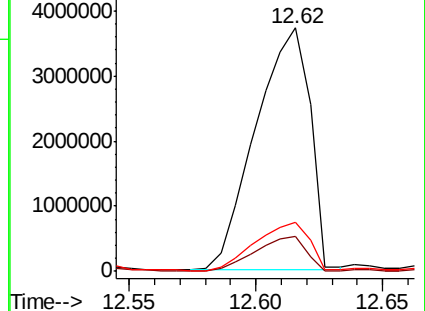
203 20.1 0.0 38.4



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: BF114234.D

Acq: 13 May 2019 17:34

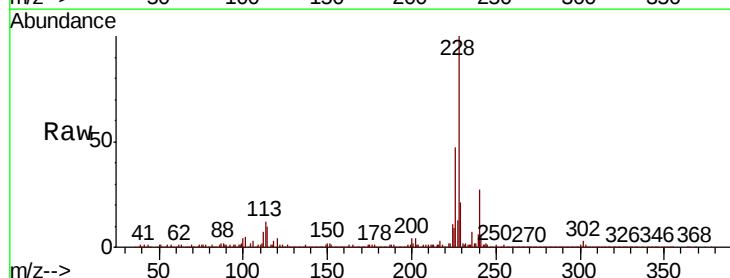
Tgt Ion:240 Resp: 365267

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

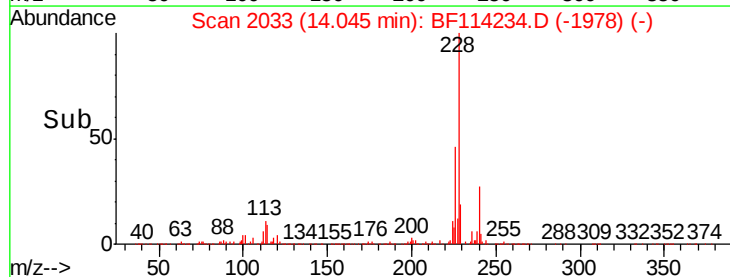
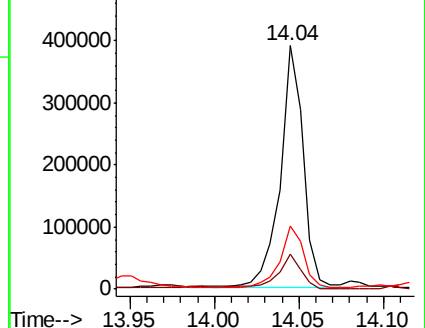
236 26.1 20.8 31.2

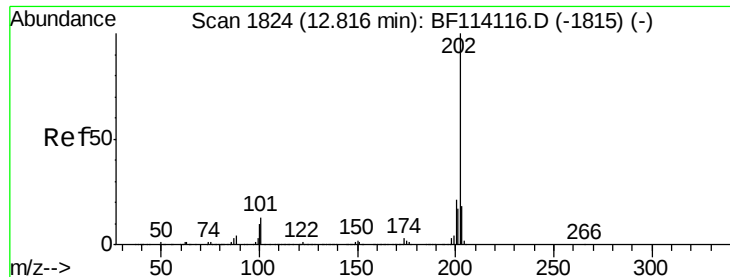


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

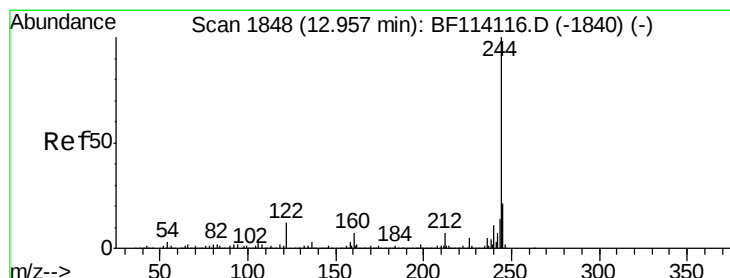
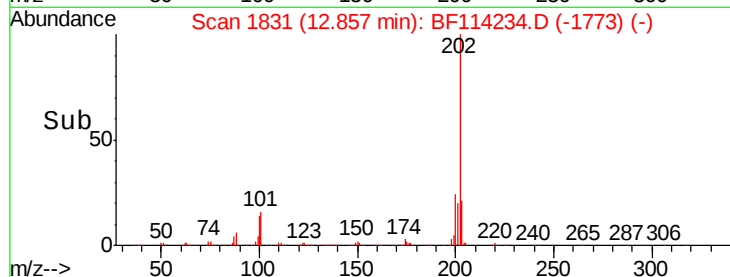
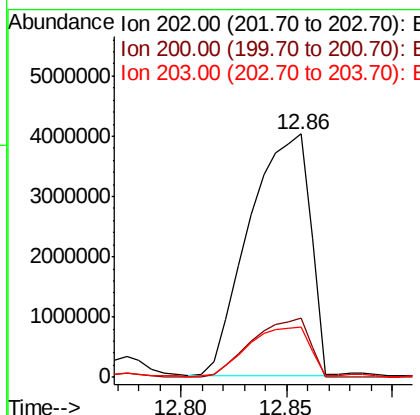
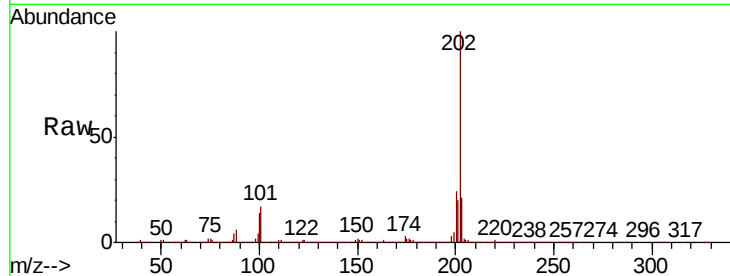




#78
 Pyrene
 Concen: 274.243 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.04 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

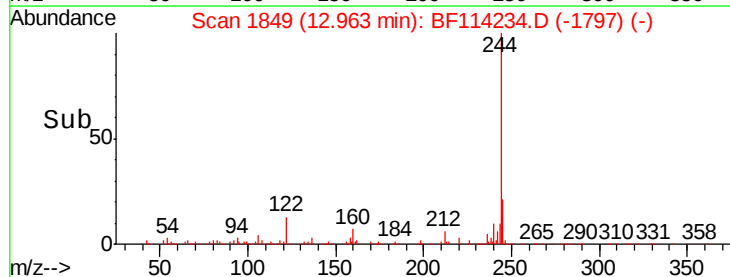
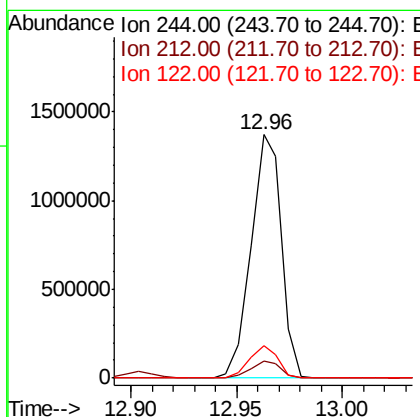
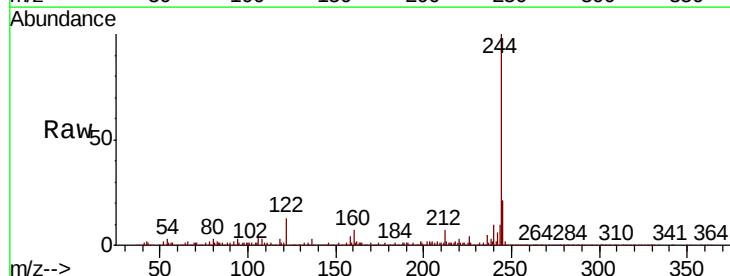
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

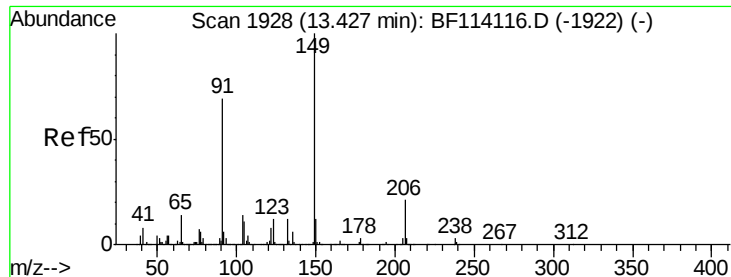
Tgt Ion:202 Resp: 8058341
 Ion Ratio Lower Upper
 202 100
 200 24.2 16.9 25.3
 203 20.9 14.5 21.7



#79
 Terphenyl-d14
 Concen: 76.807 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:244 Resp: 1360943
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.1 9.4 14.2

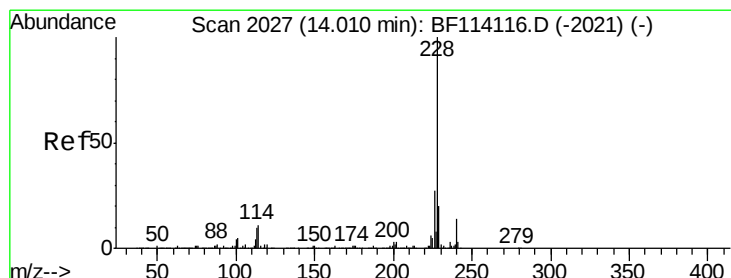
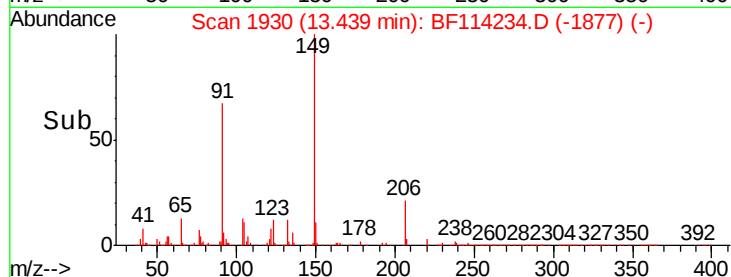
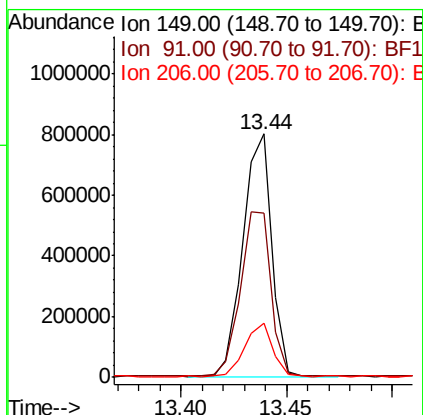
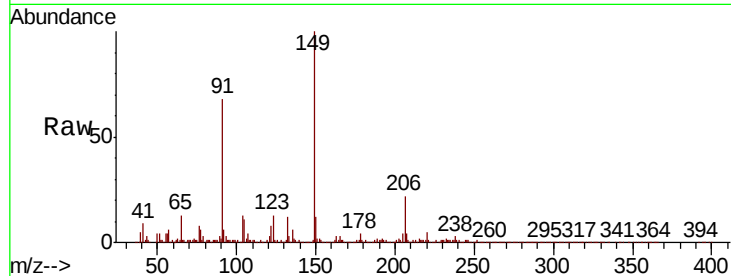




#80
Butylbenzylphthalate
Concen: 61.122 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

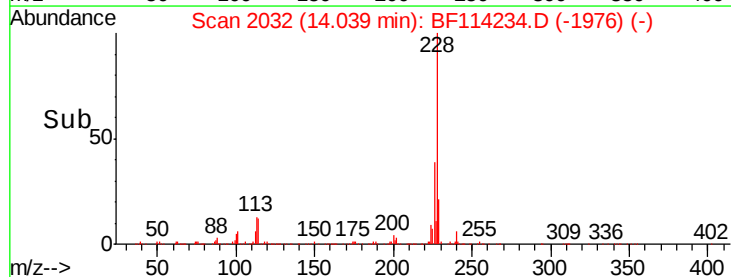
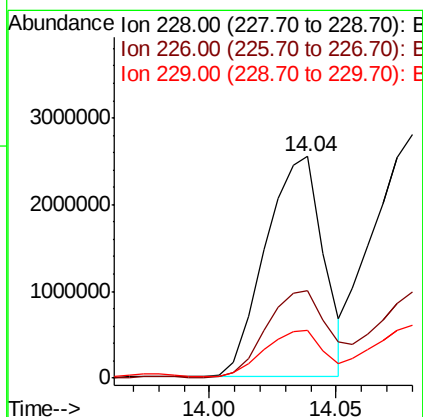
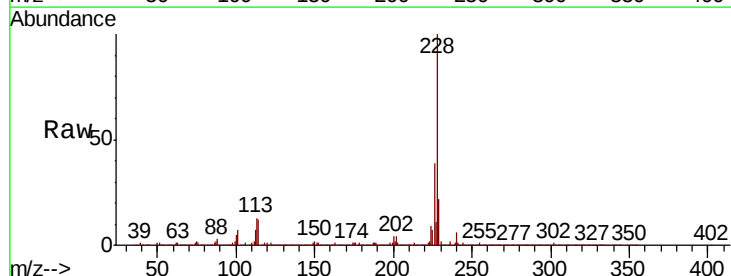
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

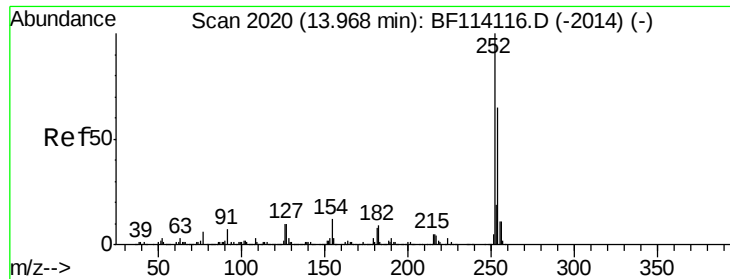
Tgt Ion:149 Resp: 755957
Ion Ratio Lower Upper
149 100
91 67.7 55.0 82.4
206 22.1 16.9 25.3



#81
Benzo(a)anthracene
Concen: 171.769 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:228 Resp: 4058081
Ion Ratio Lower Upper
228 100
226 39.4 22.2 33.2#
229 21.8 16.4 24.6





#82

3,3'-Dichlorobenzidine

Concen: 3.135 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

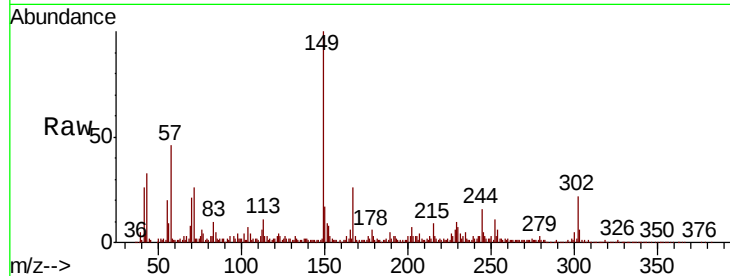
Tgt Ion:252 Resp: 28736

Ion Ratio Lower Upper

252 100

254 57.3 51.9 77.9

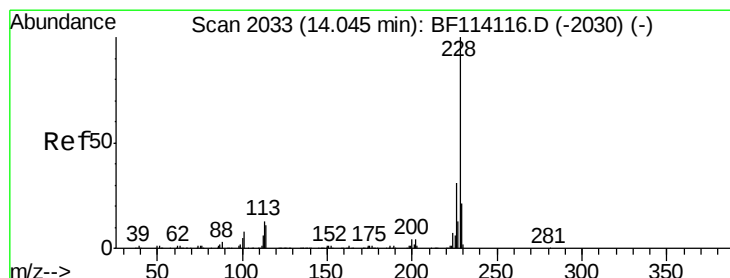
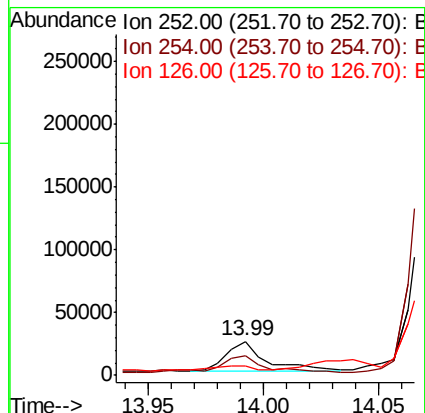
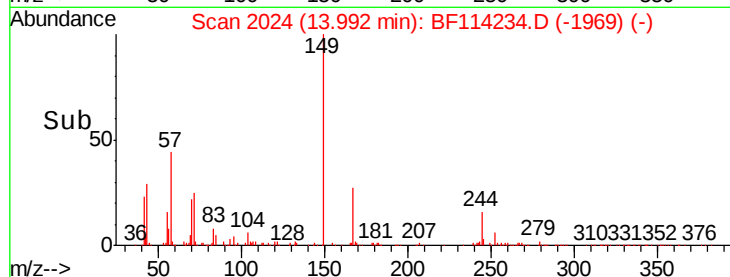
126 25.7 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 175.026 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.04 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

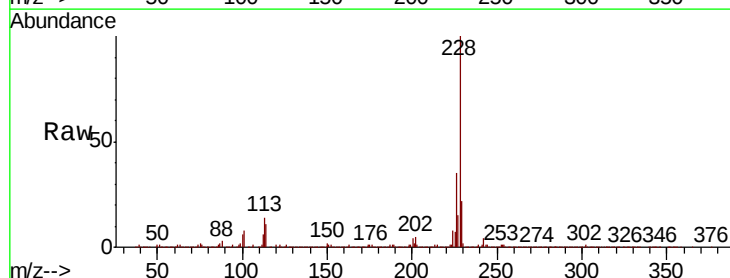
Tgt Ion:228 Resp: 4053504

Ion Ratio Lower Upper

228 100

226 35.2 25.0 37.6

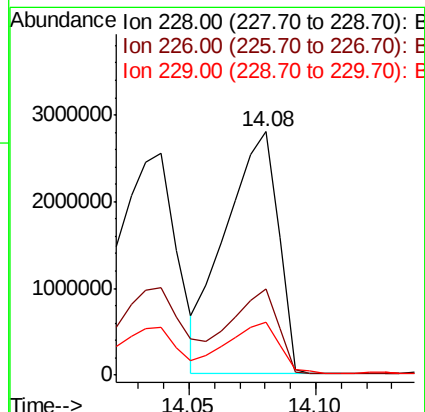
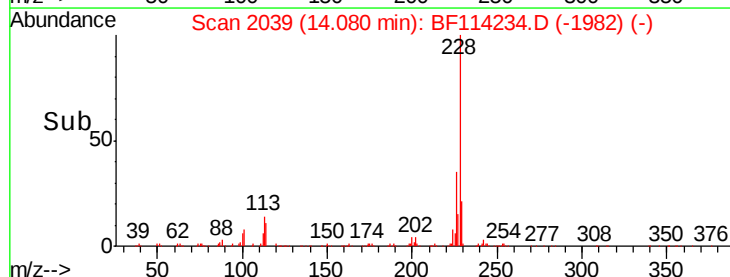
229 21.9 17.0 25.6

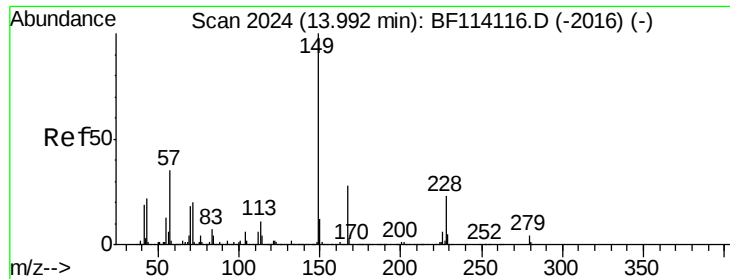


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 71.553 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

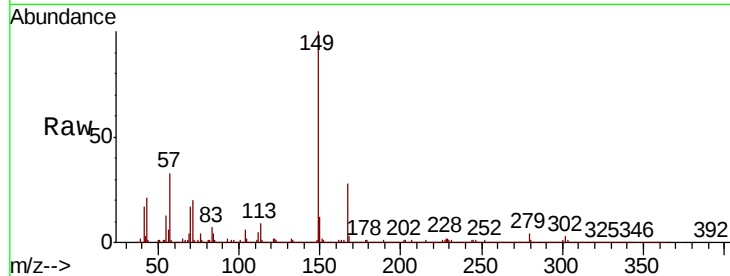
Tgt Ion:149 Resp: 1157426

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

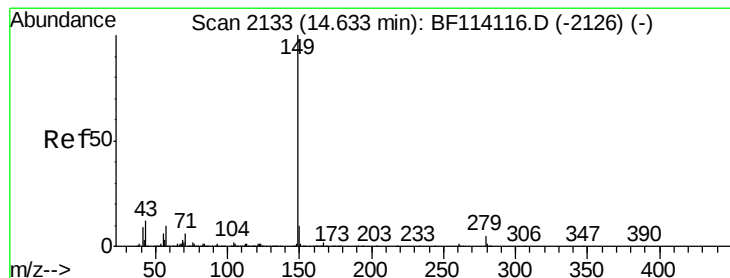
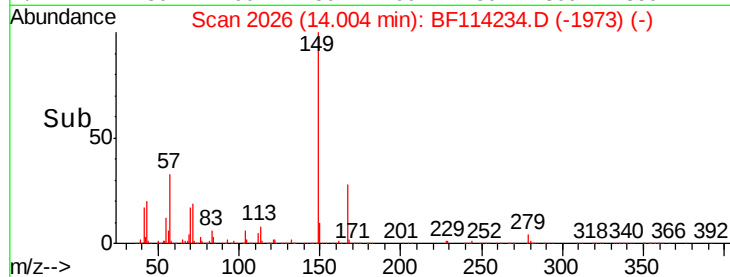
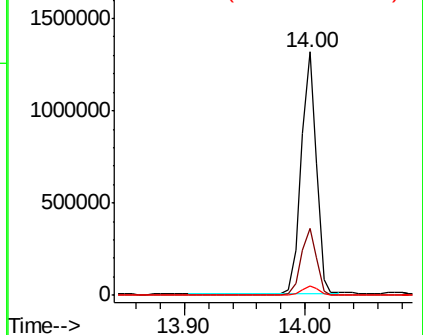
279 3.9 3.0 4.6



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: 64.930 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

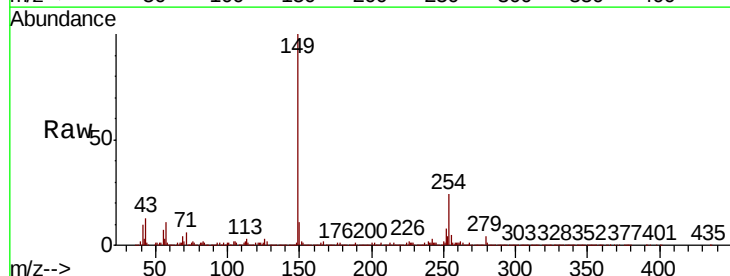
Tgt Ion:149 Resp: 1702587

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

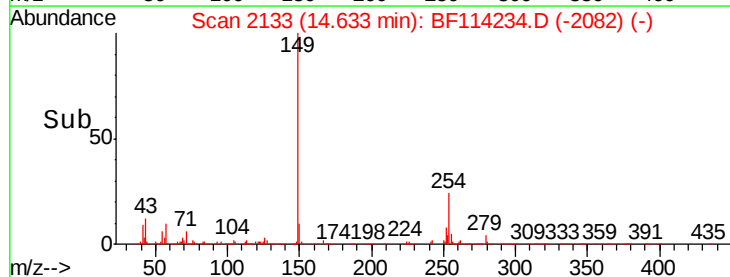
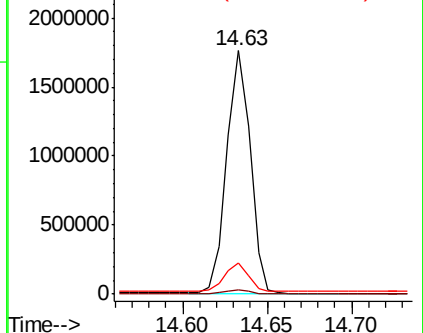
43 12.3 10.1 15.1

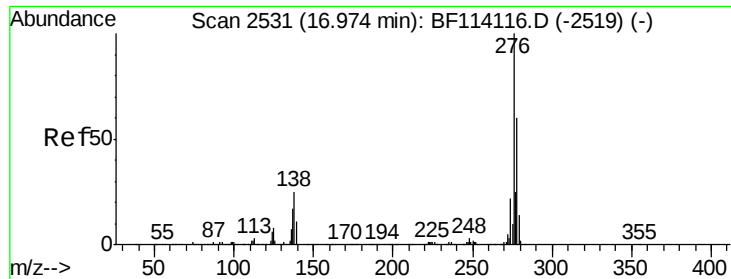


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

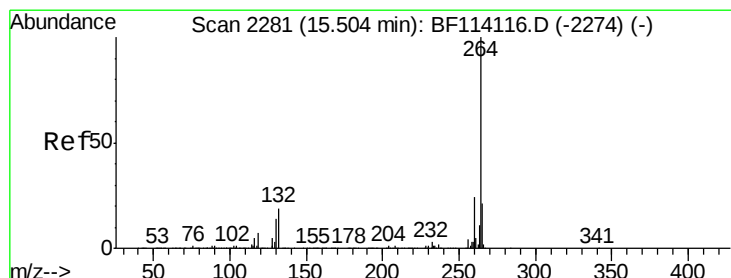
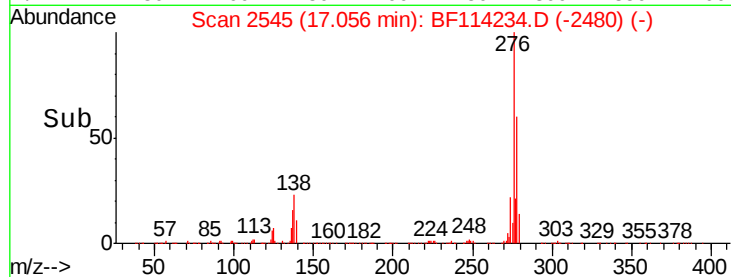
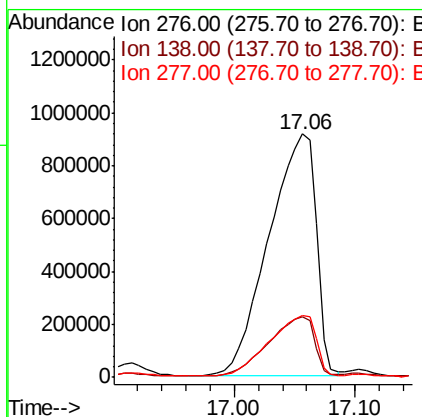
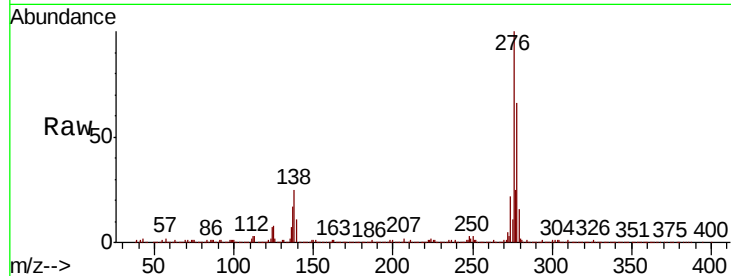




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 120.965 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.08 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

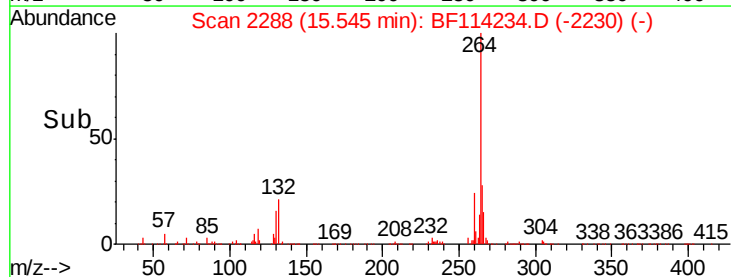
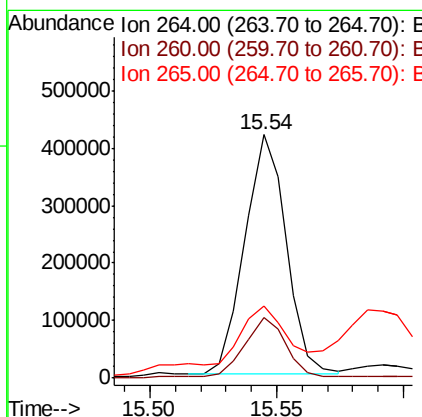
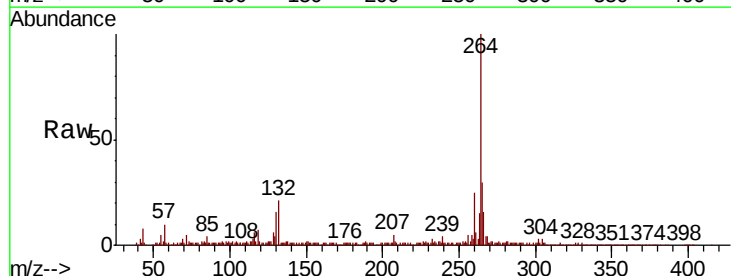
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

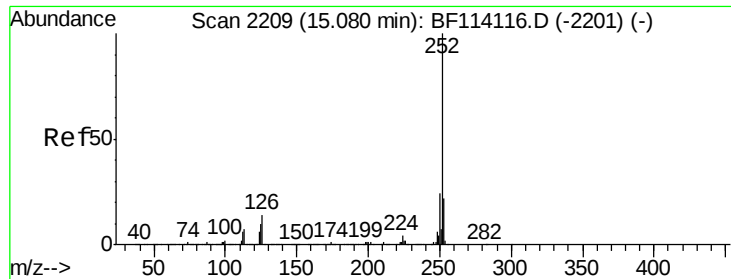
Tgt Ion:276 Resp: 2475906
 Ion Ratio Lower Upper
 276 100
 138 23.9 20.2 30.2
 277 24.8 20.0 30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.04 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion:264 Resp: 476361
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.0
 265 29.5 16.9 25.3#





#88

Benzo(b)fluoranthene

Concen: 155.567 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.04 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

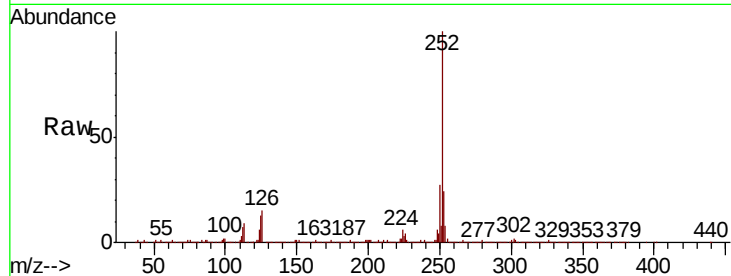
Tgt Ion:252 Resp: 4747663

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

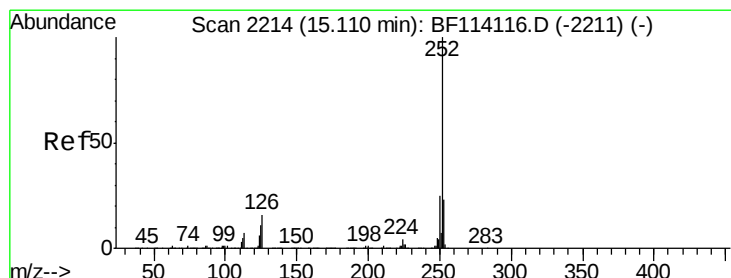
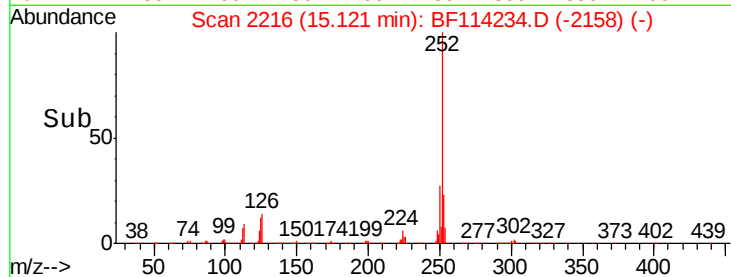
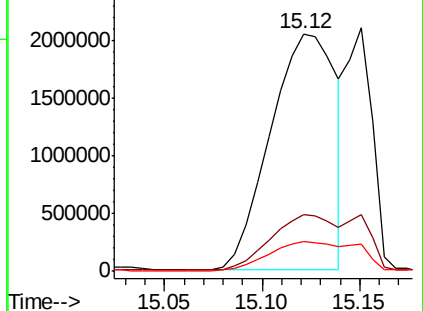
125 12.5 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 169.352 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

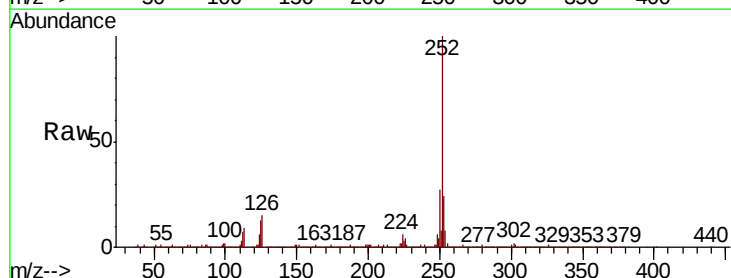
Tgt Ion:252 Resp: 4747663

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

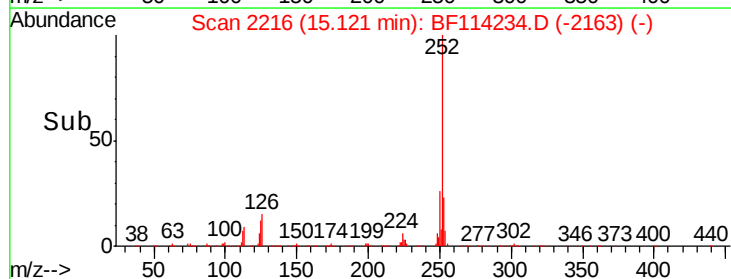
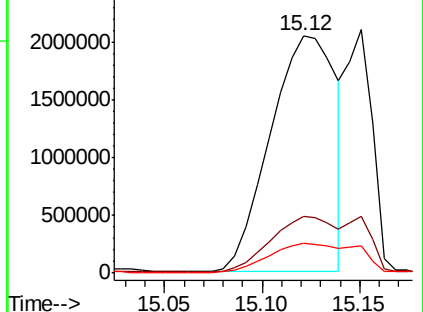
125 12.5 8.6 13.0

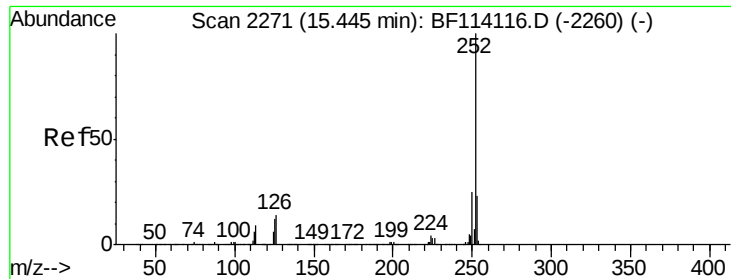


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 134.781 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.05 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

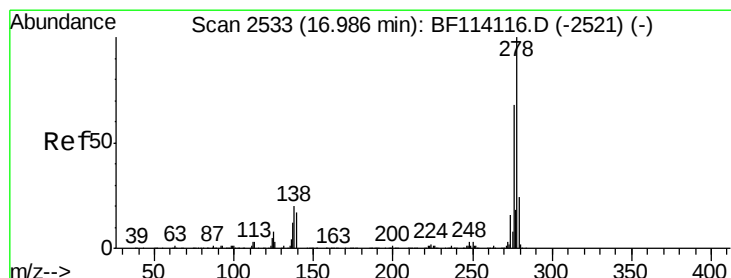
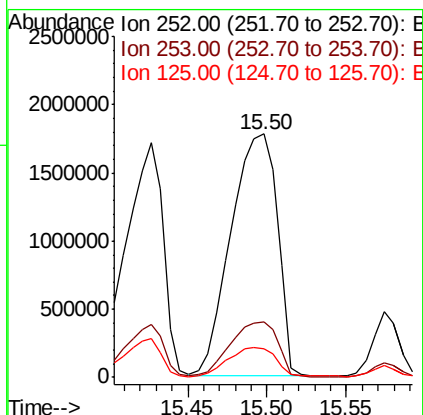
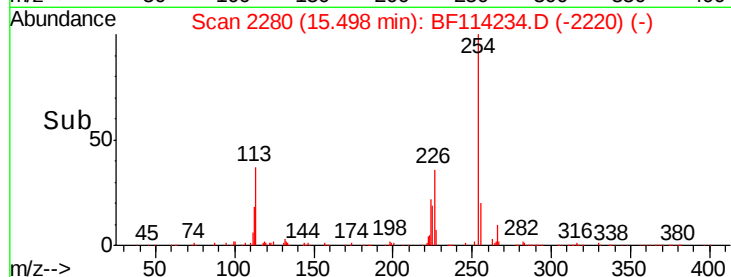
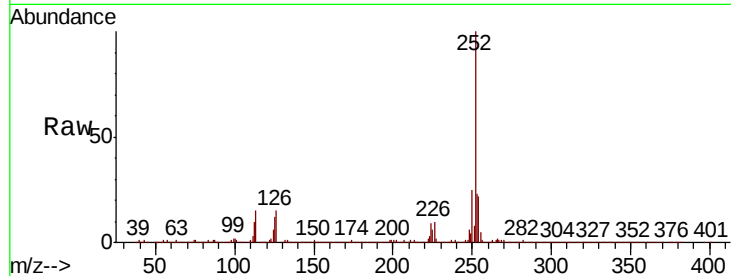
Tgt Ion:252 Resp: 3620030

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 12.0 9.5 14.3



#91

Dibenzo(a,h)anthracene

Concen: 54.547 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.07 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

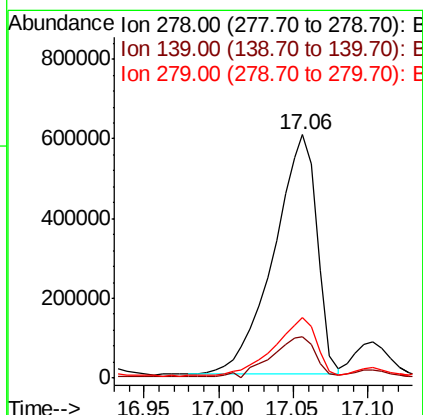
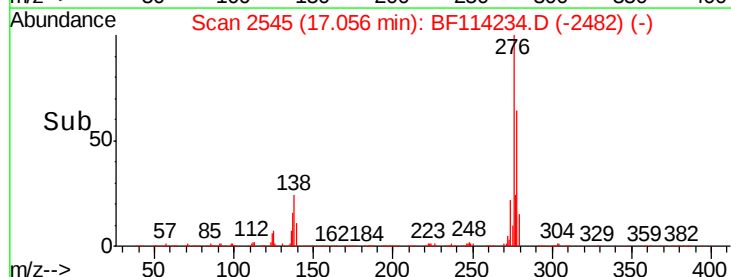
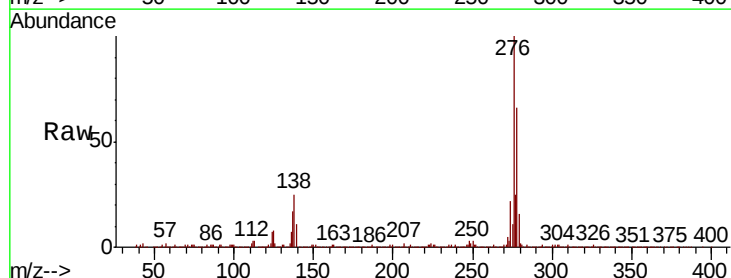
Tgt Ion:278 Resp: 1217403

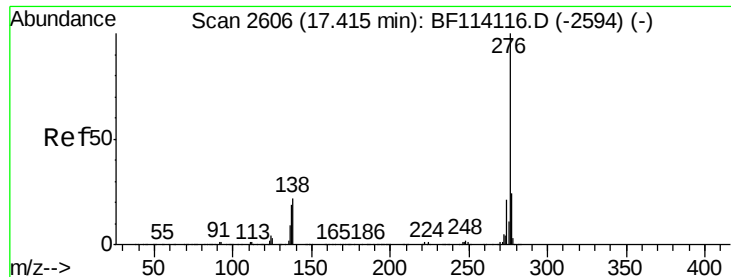
Ion Ratio Lower Upper

278 100

139 17.1 13.5 20.3

279 24.7 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 110.750 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

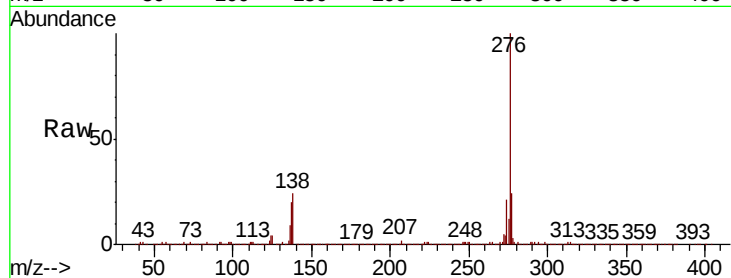
Tgt Ion:276 Resp: 2477082

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 23.9 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

