

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114318.D
 Acq On : 16 May 2019 19:20
 Operator : JU/SJ
 Sample : K2866-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Quant Time: May 17 08:04:30 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	6.85	152	224381	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	815866	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	293764	20.00	ng	0.01
64) Phenanthrene-d10	11.39	188	369692	20.00	ng	0.02
76) Chrysene-d12	14.03	240	356338	20.00	ng	0.00
87) Perylene-d12	15.50	264	509440	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1698747	121.83	ng	0.01
7) Phenol-d6	6.50	99	2203650	133.63	ng	0.01
23) Nitrobenzene-d5	7.42	82	1367904	94.09	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	334207	110.04	ng	0.02
45) 2-Fluorobiphenyl	9.21	172	1998174	102.89	ng	0.00
79) Terphenyl-d14	12.97	244	1255843	72.65	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	246341	32.143	ng	99
3) Pyridine	3.39	79	709224	33.587	ng	97
4) n-Nitrosodimethylamine	3.34	42	381446	37.461	ng	93
6) Aniline	6.52	93	707485	29.699	ng	# 6
8) 2-Chlorophenol	6.65	128	671269	45.097	ng	96
9) Benzaldehyde	6.40	77	506722	43.892	ng	96
10) Phenol	6.52	94	818333	42.183	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	672894	45.689	ng	100
12) 1,3-Dichlorobenzene	6.79	146	688346	41.197	ng	99
13) 1,4-Dichlorobenzene	6.87	146	694608	41.255	ng	97
14) 1,2-Dichlorobenzene	7.02	146	643330	41.823	ng	98
15) Benzyl Alcohol	7.00	79	562424	43.728	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1190733	41.698	ng	81
17) 2-Methylphenol	7.12	107	537079	43.924	ng	# 93
18) Hexachloroethane	7.36	117	265540	42.016	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	455241	43.552	ng	97
20) 3+4-Methylphenols	7.27	107	668945	47.351	ng	# 66
22) Acetophenone	7.26	105	897084	49.634	ng	# 90
24) Nitrobenzene	7.43	77	709425	47.912	ng	99
25) Isophorone	7.67	82	1283227	47.594	ng	99
26) 2-Nitrophenol	7.75	139	359271	50.011	ng	99
27) 2,4-Dimethylphenol	7.79	122	595221	52.755	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	808641	46.224	ng	100
29) 2,4-Dichlorophenol	8.00	162	546109	48.608	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	564359	44.175	ng	99
31) Naphthalene	8.16	128	1846099	48.441	ng	98
32) Benzoic acid	7.90	122	177033	25.808	ng	98
33) 4-Chloroaniline	8.20	127	297366	17.123	ng	99
34) Hexachlorobutadiene	8.27	225	302983	41.681	ng	99
35) Caprolactam	8.57	113	138721	37.867	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	545942	48.275	ng	98
37) 2-Methylnaphthalene	8.85	142	1148389	46.704	ng	97
38) 1-Methylnaphthalene	8.95	142	1067339	46.094	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	499056	56.082	ng	98

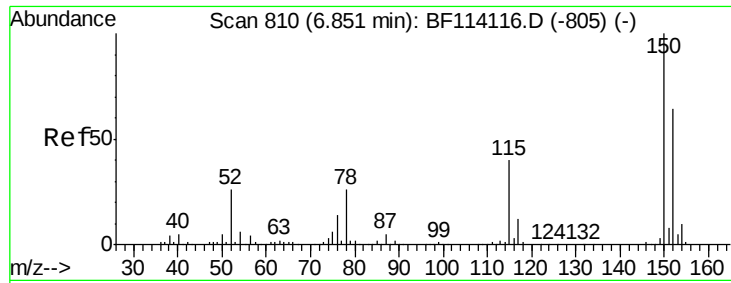
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	282611	68.808	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	333097	54.420	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	349373	55.658	nq #	92
46) 1,1'-Biphenyl	9.31	154	1283817	54.096	nq	98
47) 2-Chloronaphthalene	9.34	162	955962	50.052	nq	98
48) 2-Nitroaniline	9.43	65	364283	53.780	nq	94
49) Acenaphthylene	9.76	152	1386368	47.725	nq	98
50) Dimethylphthalate	9.61	163	1286363	59.650	nq #	98
51) 2,6-Dinitrotoluene	9.68	165	286430	59.884	nq	85
52) Acenaphthene	9.93	154	768057	43.087	nq	99
53) 3-Nitroaniline	9.85	138	270727	45.596	nq #	87
54) 2,4-Dinitrophenol	9.96	184	112099	49.424	nq	90
55) Dibenzofuran	10.10	168	1155935	44.223	nq	98
56) 4-Nitrophenol	10.03	139	298537	71.098	nq #	76
57) 2,4-Dinitrotoluene	10.09	165	273458	42.122	nq	93
58) Fluorene	10.45	166	794686	39.361	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	194691	35.946	nq #	89
60) Diethylphthalate	10.32	149	812388	37.076	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	396002	39.934	nq	92
62) 4-Nitroaniline	10.46	138	188893	30.275	nq	86
63) Azobenzene	10.60	77	826724	38.980	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	87404	49.202	nq #	29
66) n-Nitrosodiphenylamine	10.55	169	777934	69.333	nq	97
67) 4-Bromophenyl-phenylether	10.93	248	204428	50.222	nq	93
68) Hexachlorobenzene	11.01	284	214969	47.739	nq #	92
69) Atrazine	11.09	200	185480	53.120	nq	88
70) Pentachlorophenol	11.20	266	161992	75.888	nq	99
71) Phenanthrene	11.42	178	970435	53.955	nq	97
72) Anthracene	11.47	178	943102	52.205	nq	97
73) Carbazole	11.62	167	843548	48.967	nq	98
74) Di-n-butylphthalate	11.95	149	979825	49.369	nq	98
75) Fluoranthene	12.61	202	1023226	52.829	nq	98
77) Benzidine	12.72	184	555728	34.743	nq #	97
78) Pyrene	12.84	202	1068613	37.279	nq	99
80) Butylbenzylphthalate	13.43	149	482646	40.002	nq	94
81) Benzo(a)anthracene	14.02	228	1111402	48.222	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	113319	12.674	nq #	95
83) Chrysene	14.06	228	1106653	48.981	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	724506	45.912	nq	99
85) Di-n-octyl phthalate	14.60	149	1378788	53.899	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1721974	86.239	nq	99
88) Benzo(b)fluoranthene	15.07	252	1418278	43.455	nq	98
89) Benzo(k)fluoranthene	15.10	252	1264194	42.167	nq	99
90) Benzo(a)pyrene	15.44	252	1379544	48.028	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1378268	57.745	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1524720	63.744	nq	99

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

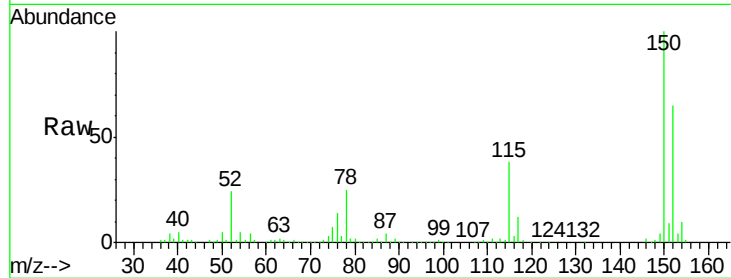


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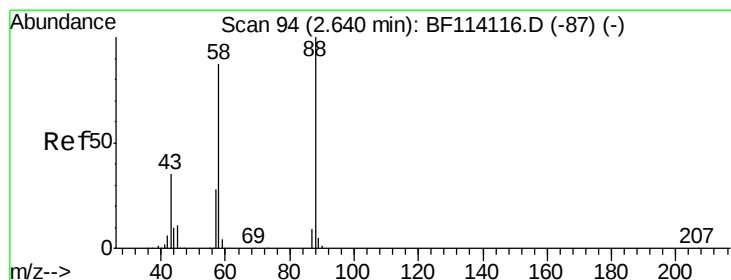
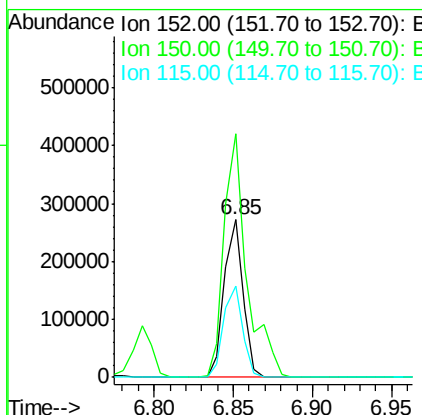
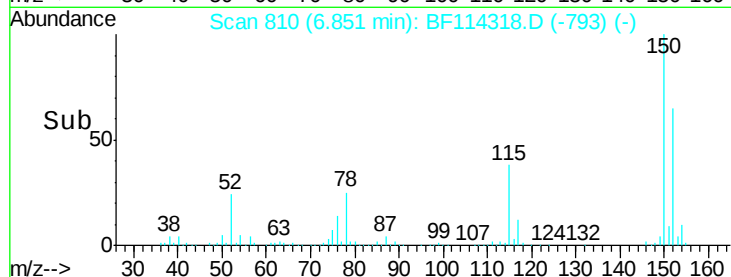
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion:152 Resp: 224381
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 58.3 49.1 73.7



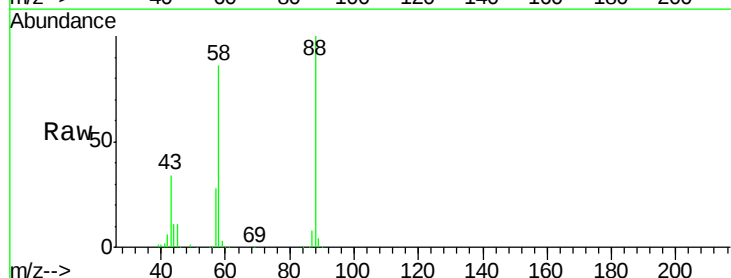
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



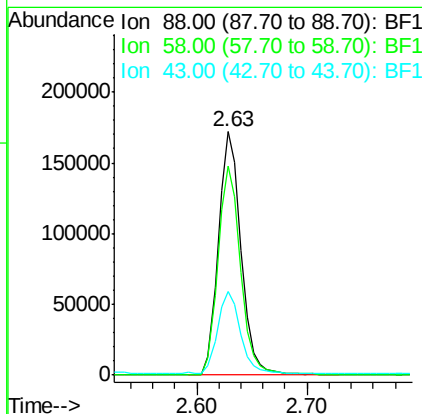
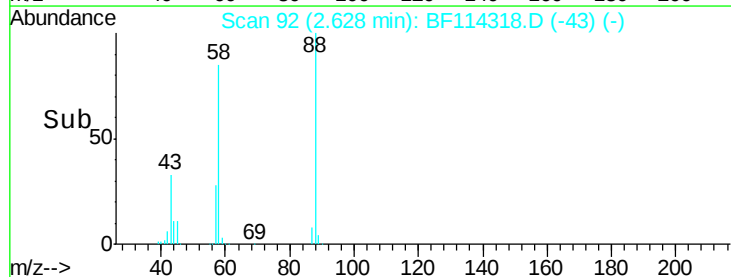
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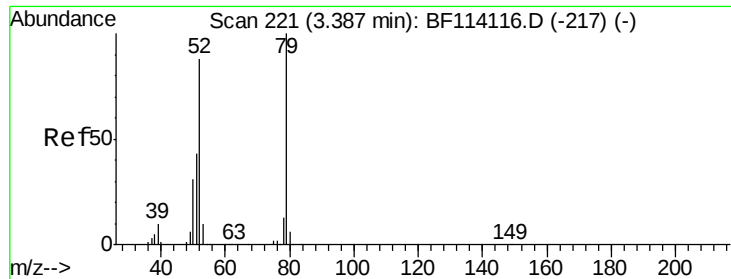
1,4-Dioxane
Concen: 32.143 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion: 88 Resp: 246341
Ion Ratio Lower Upper
88 100
58 85.9 68.7 103.1
43 34.0 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

Pvridine

Concen: 33.587 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

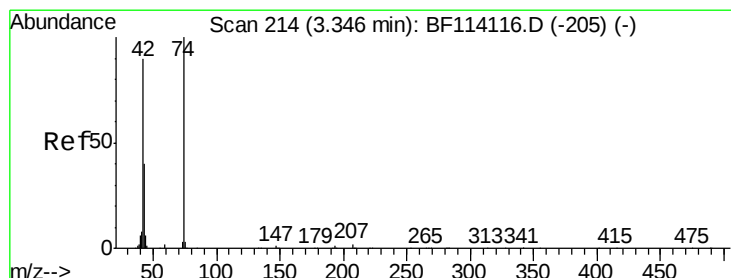
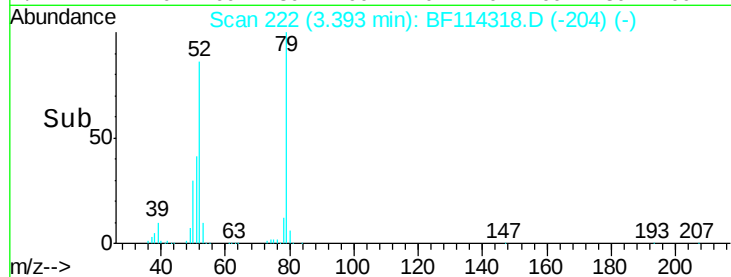
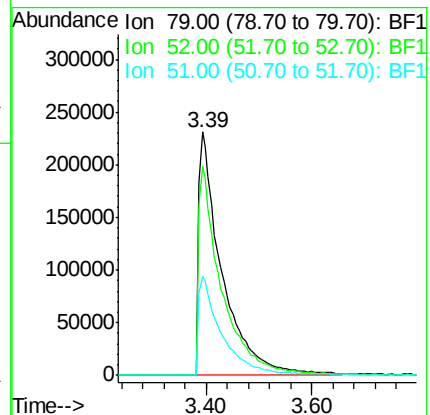
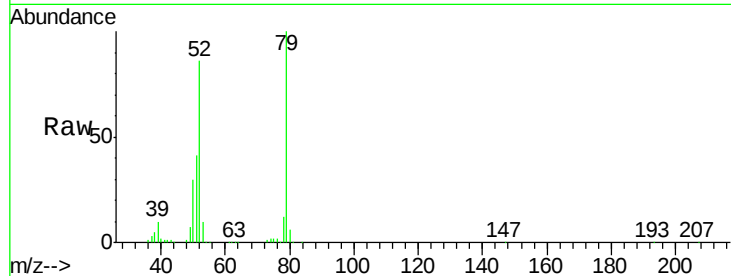
Tot Ion: 79 Resp: 709224

Ion Ratio Lower Upper

79 100

52 85.9 70.6 105.8

51 40.9 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 37.461 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

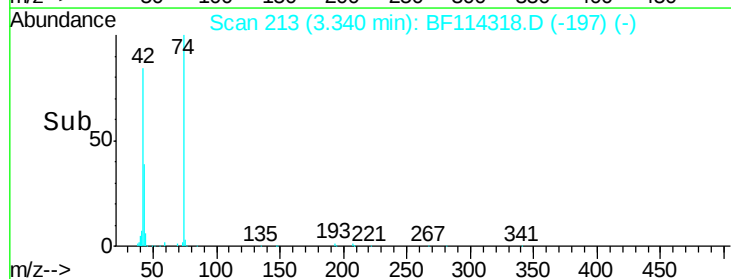
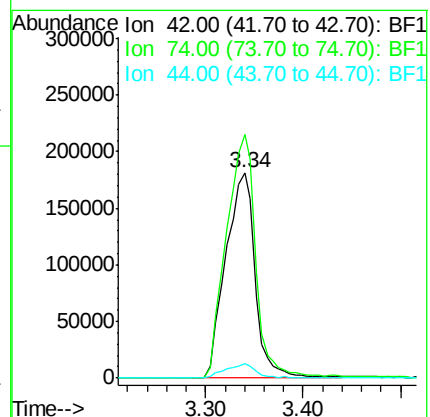
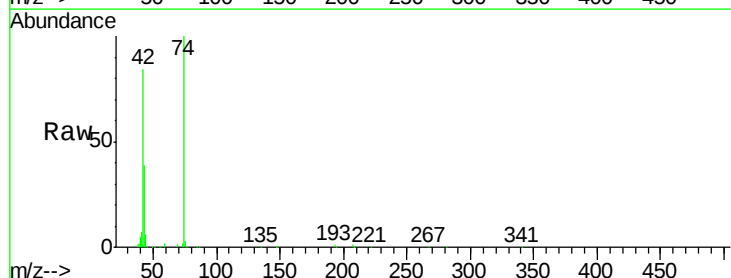
Tgt Ion: 42 Resp: 381446

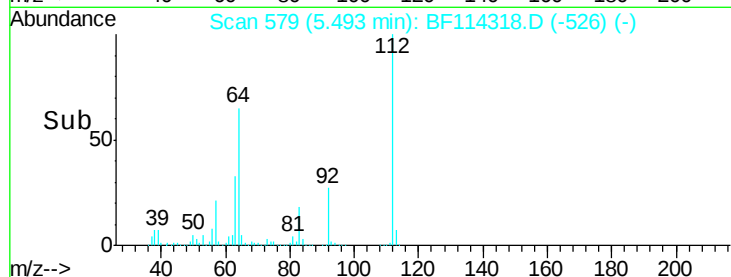
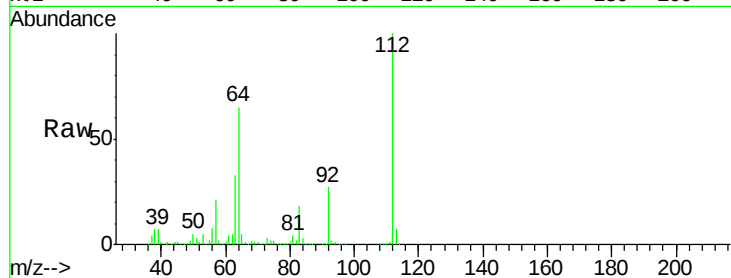
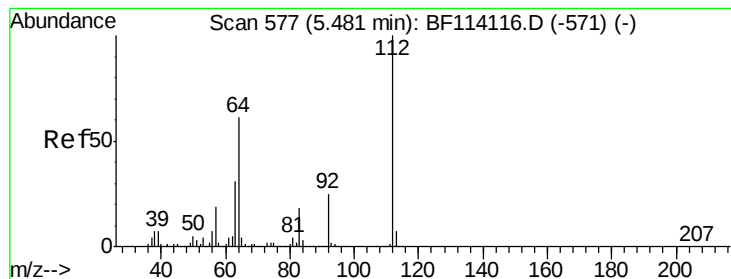
Ion Ratio Lower Upper

42 100

74 118.4 88.6 132.8

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 121.834 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

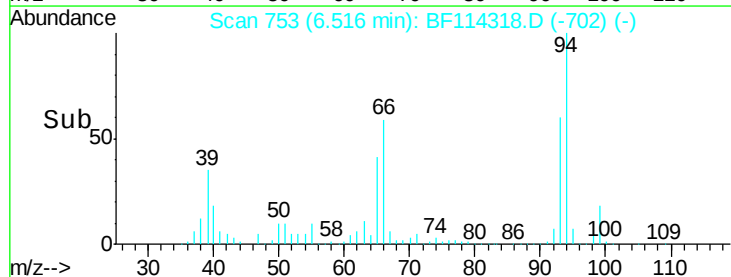
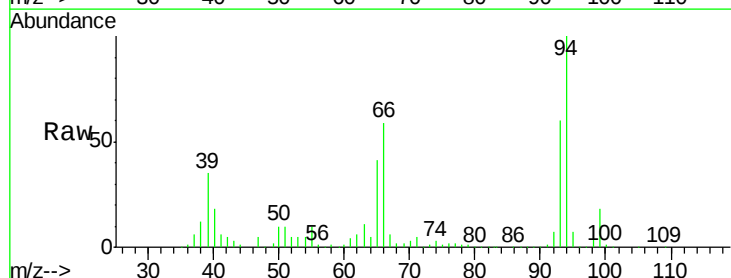
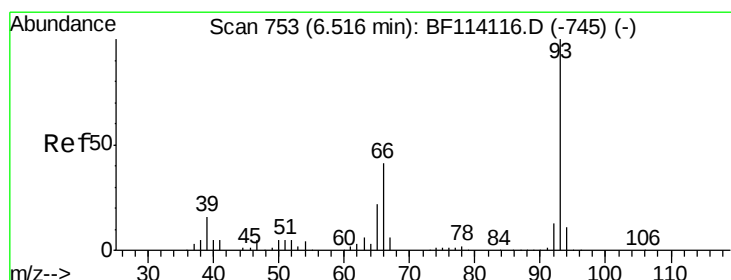
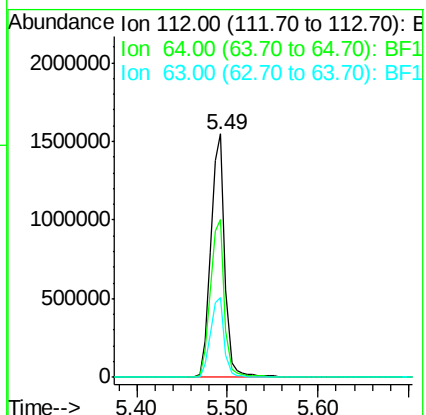
Tot Ion:112 Resp: 1698747

Ion Ratio Lower Upper

112 100

64 64.7 49.0 73.6

63 32.9 24.6 37.0



#6

Aniline

Concen: 29.699 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

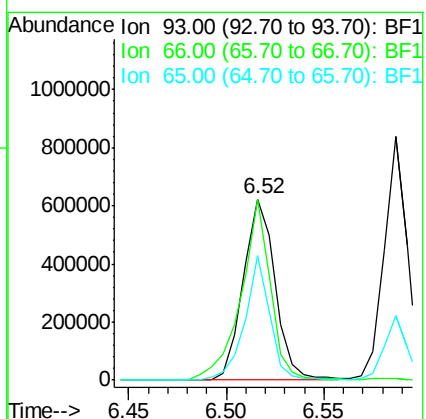
Tgt Ion: 93 Resp: 707485

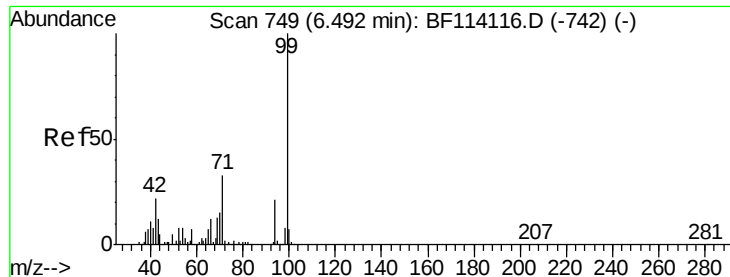
Ion Ratio Lower Upper

93 100

66 99.6 33.2 49.8#

65 68.8 17.6 26.4#





#7

Phenol-d6

Concen: 133.628 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

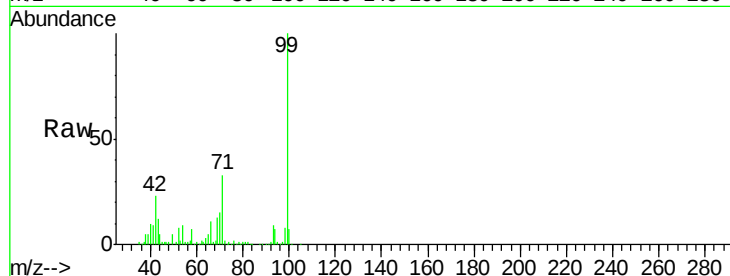
Tot Ion: 99 Resp: 2203650

Ion Ratio Lower Upper

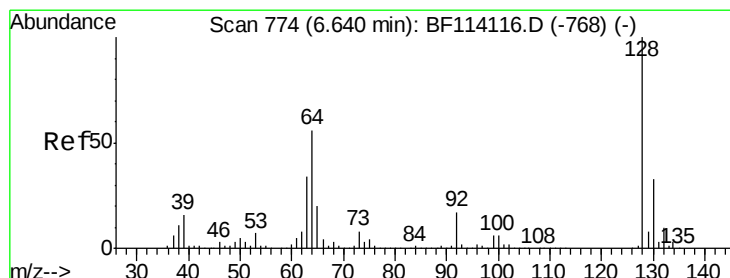
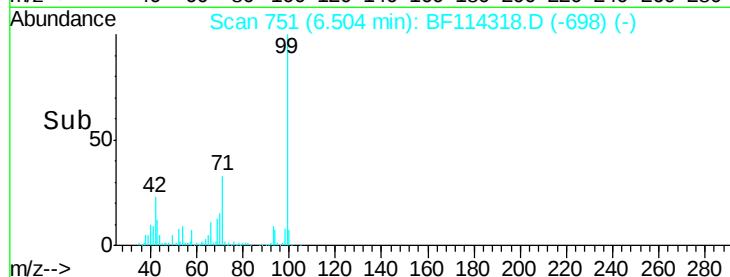
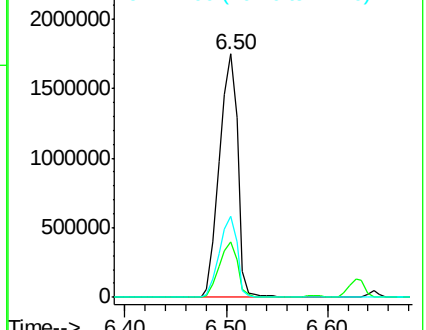
99 100

42 22.7 17.9 26.9

71 33.4 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: 45.097 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

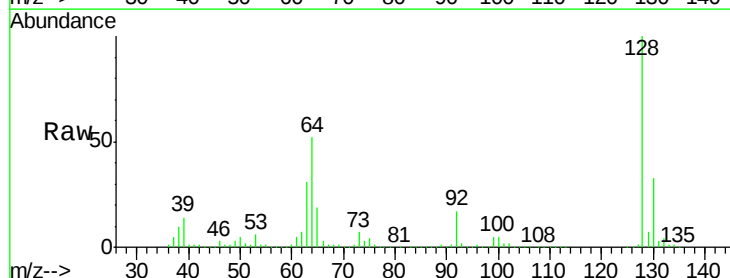
Tgt Ion: 128 Resp: 671269

Ion Ratio Lower Upper

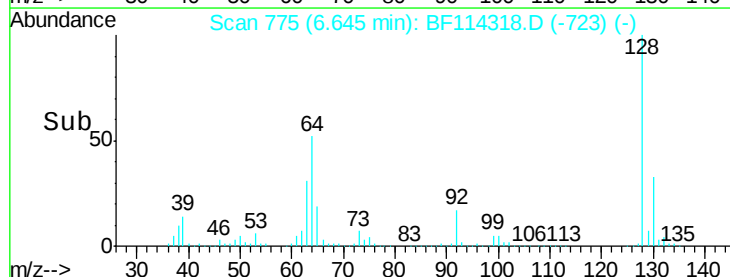
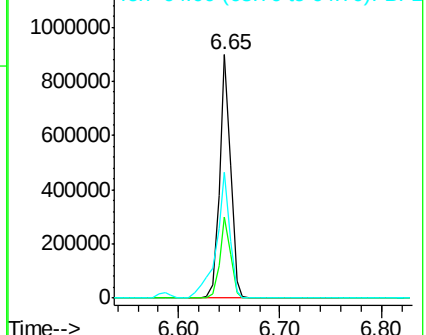
128 100

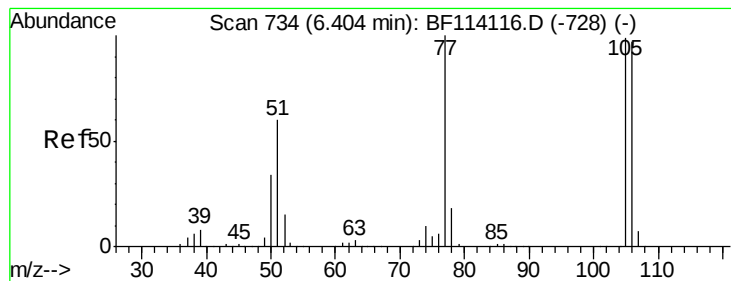
130 33.3 12.6 52.6

64 51.8 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: 43.892 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

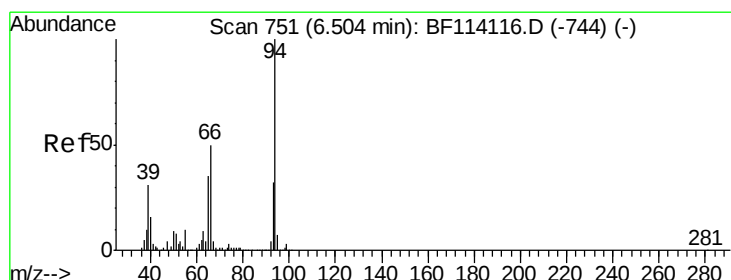
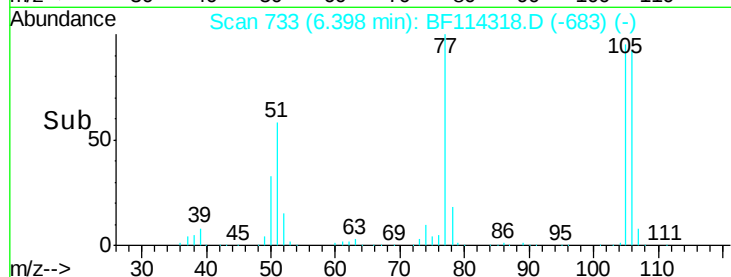
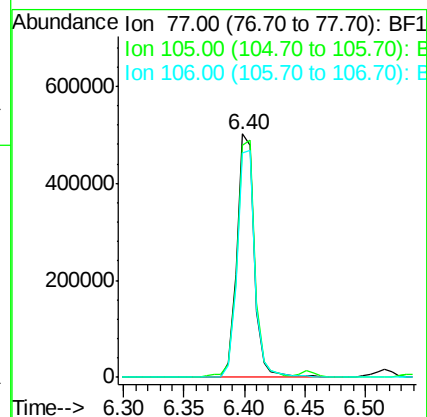
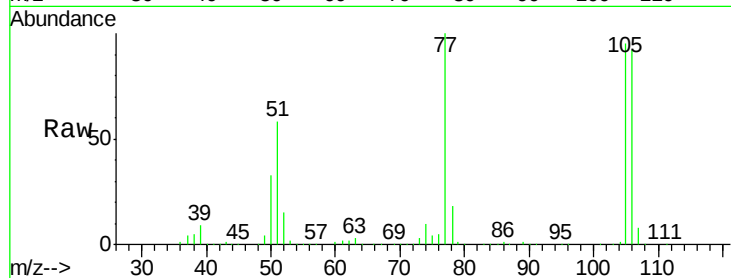
Tot Ion: 77 Resp: 506722

Ion Ratio Lower Upper

77 100

105 95.3 79.3 119.3

106 92.1 77.0 117.0



#10

Phenol

Concen: 42.183 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

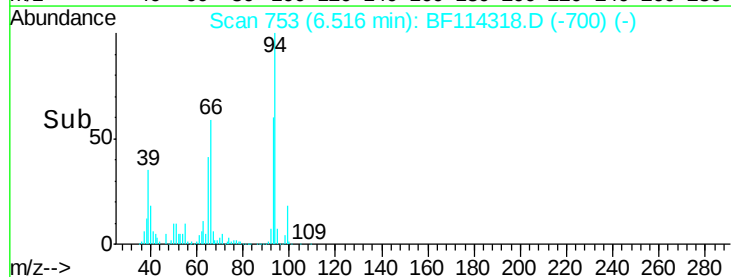
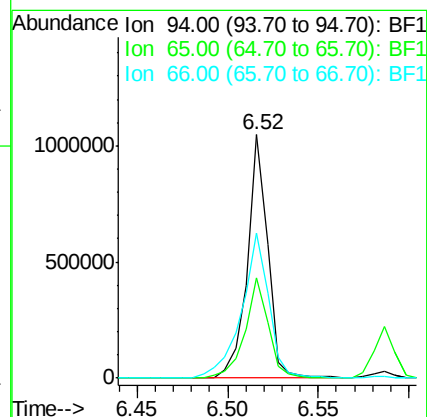
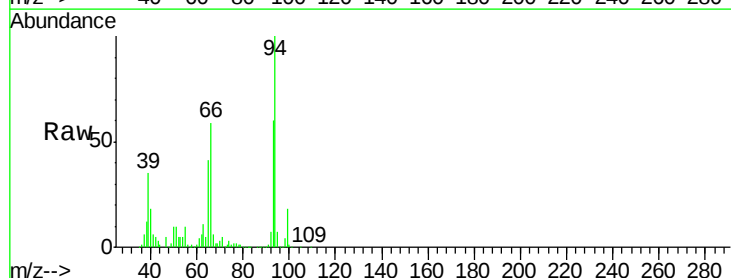
Tgt Ion: 94 Resp: 818333

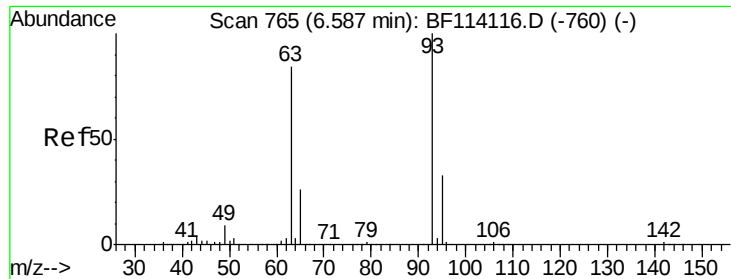
Ion Ratio Lower Upper

94 100

65 41.0 14.7 54.7

66 59.3 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 45.689 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

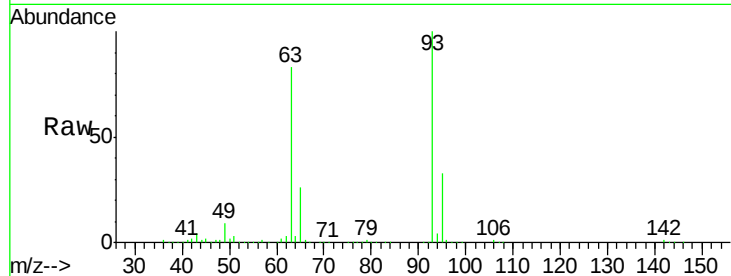
Tot Ion: 93 Resp: 672894

Ion Ratio Lower Upper

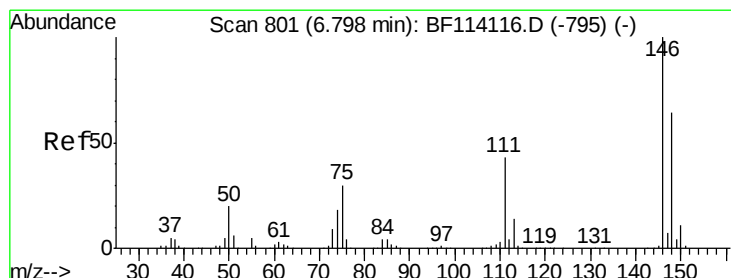
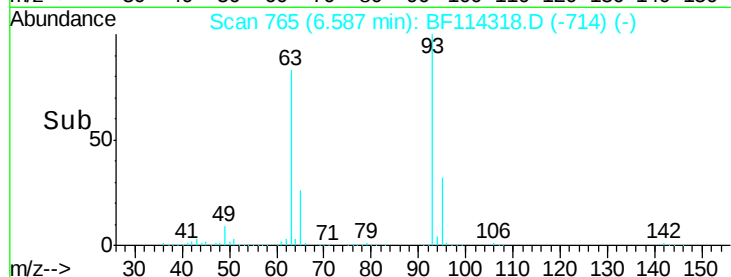
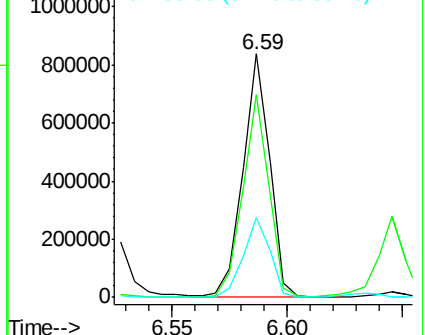
93 100

63 83.3 63.6 103.6

95 32.5 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: 41.197 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

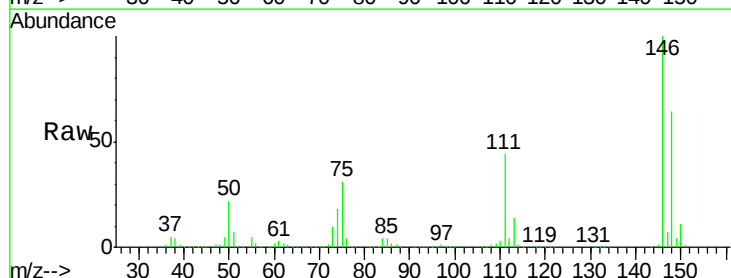
Tgt Ion: 146 Resp: 688346

Ion Ratio Lower Upper

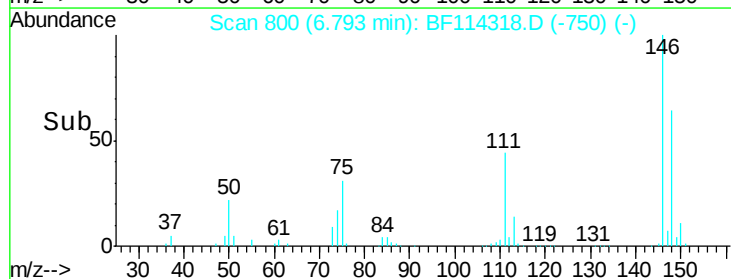
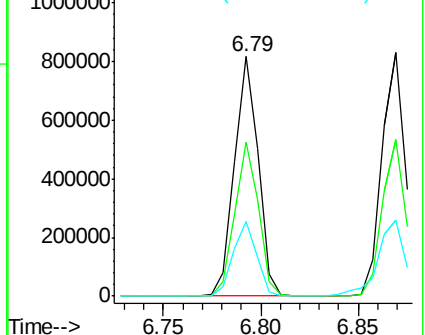
146 100

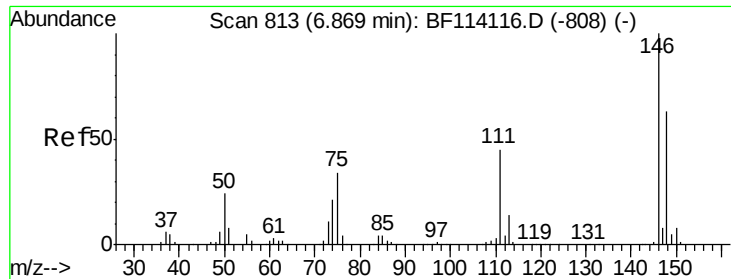
148 64.2 51.6 77.4

75 31.4 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

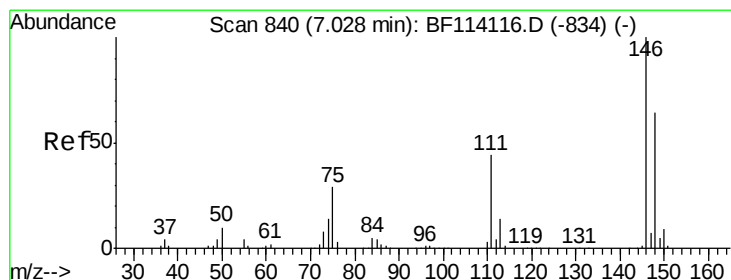
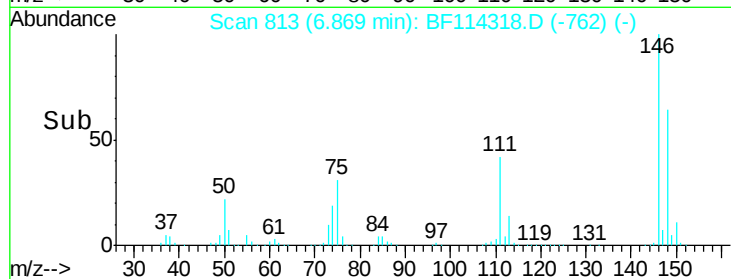
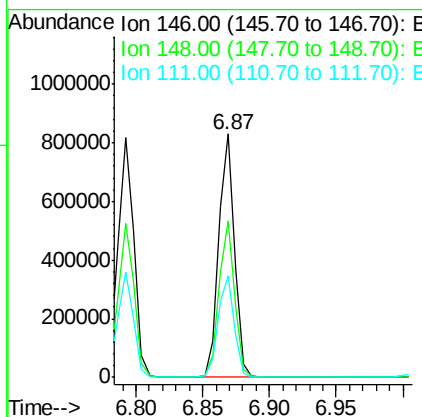
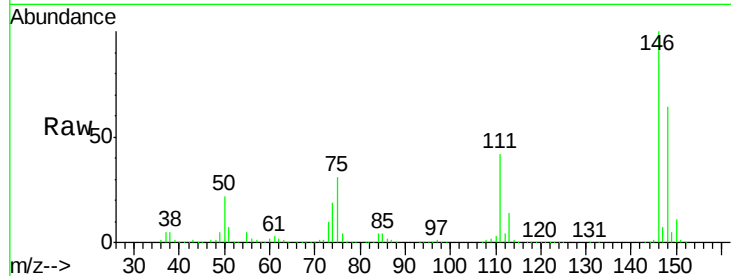




#13
 1,4-Dichlorobenzene
 Concen: 41.255 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

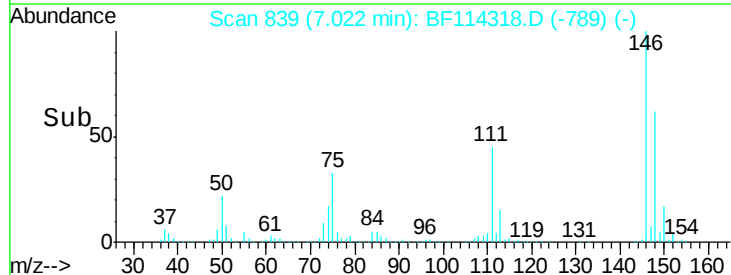
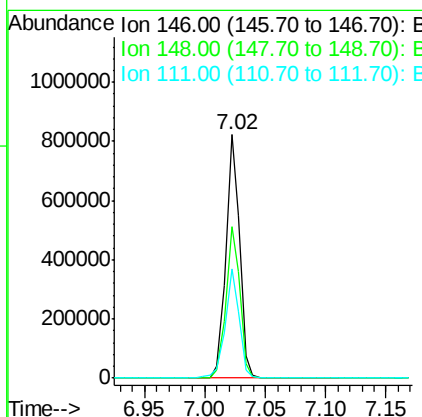
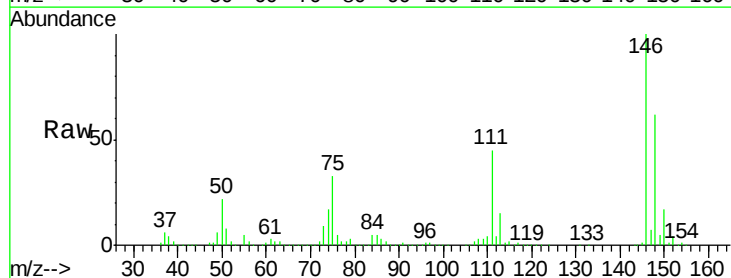
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

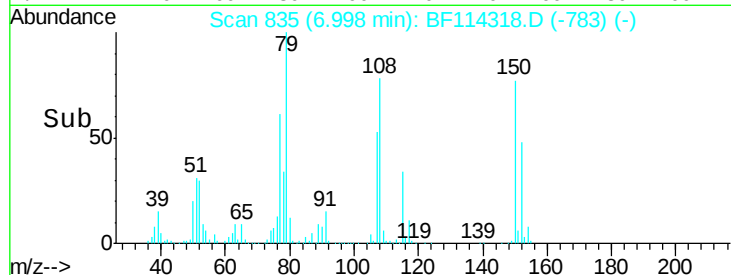
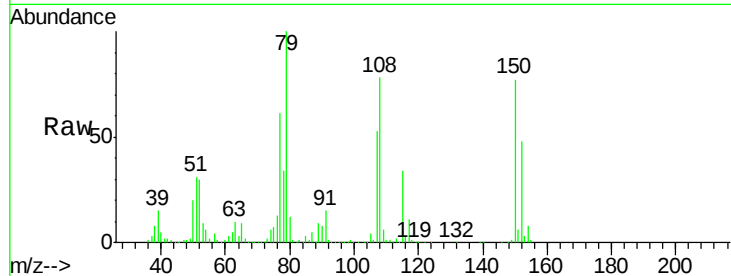
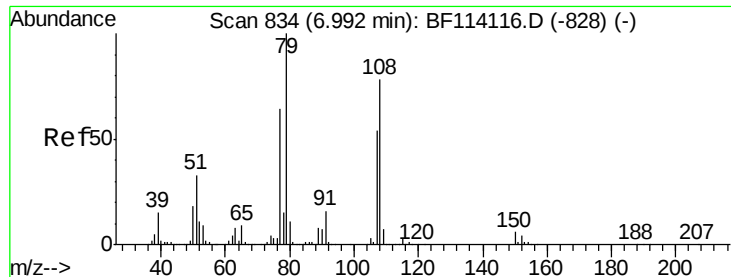
Tot Ion:146 Resp: 694608
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.2 75.2
 111 41.7 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 41.823 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion:146 Resp: 643330
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 45.1 35.3 52.9

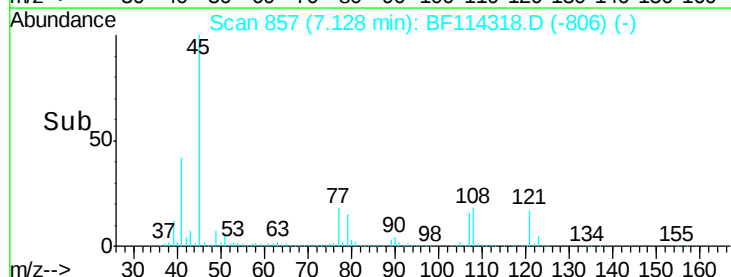
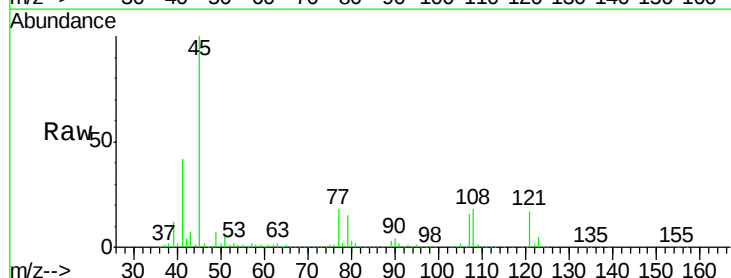
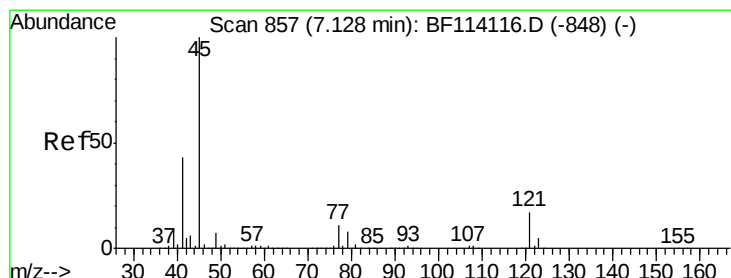
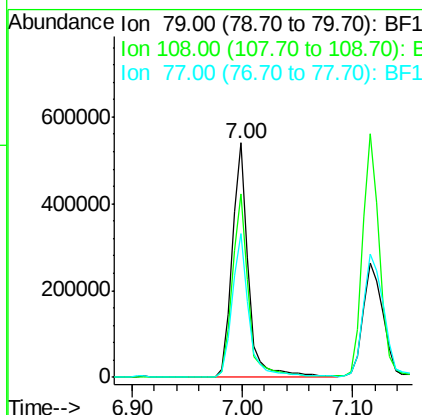




#15
Benzyl Alcohol
Concen: 43.728 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

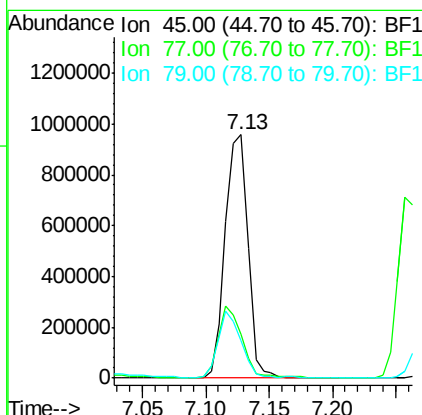
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

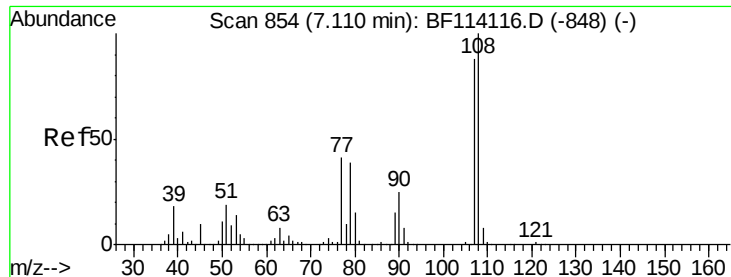
Tot Ion: 79 Resp: 562424
Ion Ratio Lower Upper
79 100
108 78.4 62.1 93.1
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.698 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion: 45 Resp: 1190733
Ion Ratio Lower Upper
45 100
77 17.9 0.0 31.1
79 15.4 0.0 28.4





#17

2-Methylphenol

Concen: 43.924 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:107 Resp: 537079

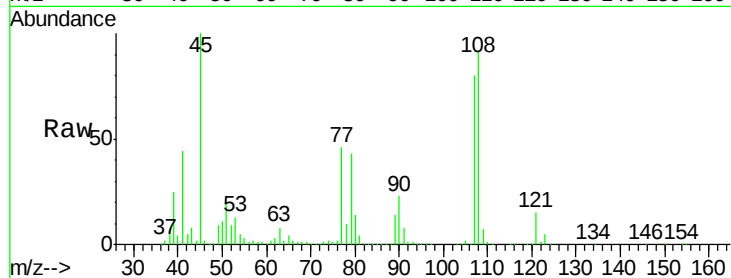
Ion Ratio Lower Upper

107 100

108 113.4 90.5 135.7

77 57.3 37.0 55.4#

79 53.5 35.8 53.8

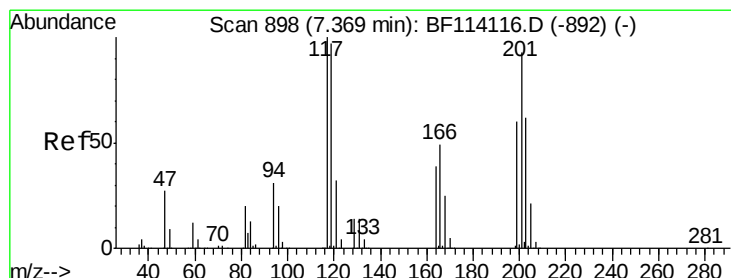
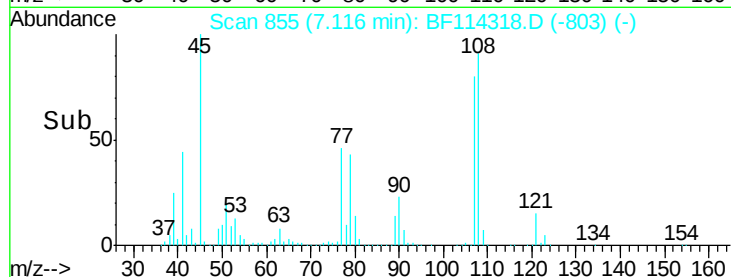
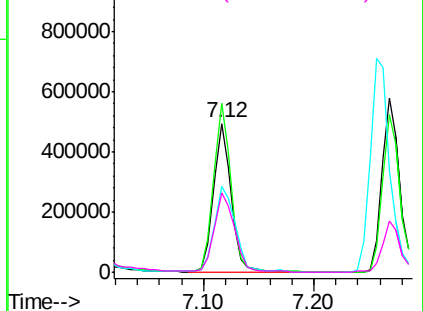


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.016 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

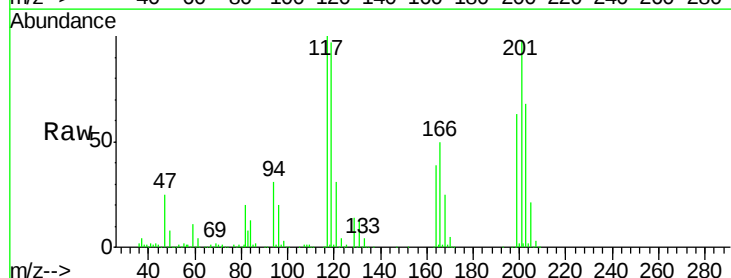
Tgt Ion:117 Resp: 265540

Ion Ratio Lower Upper

117 100

119 97.2 77.4 116.2

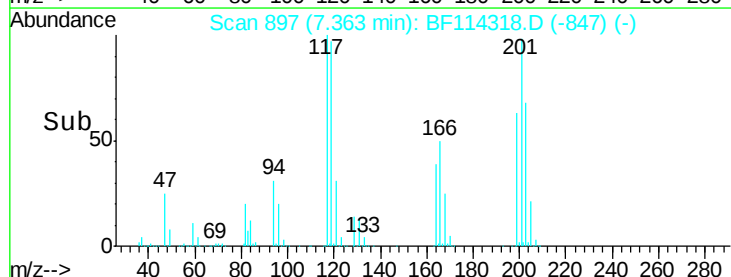
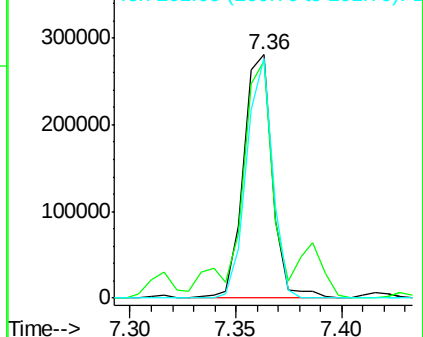
201 98.4 74.5 111.7

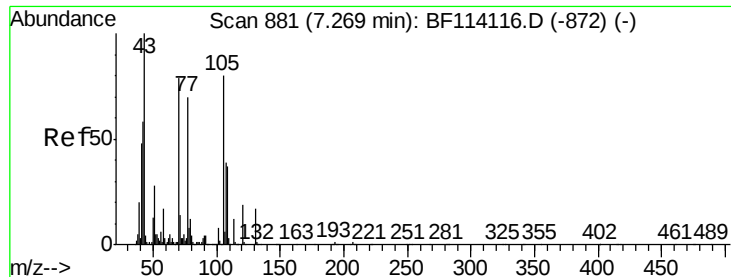


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

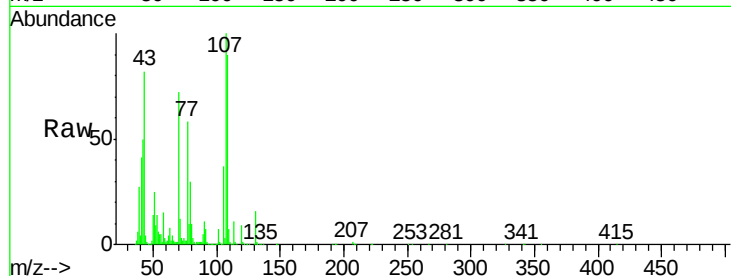




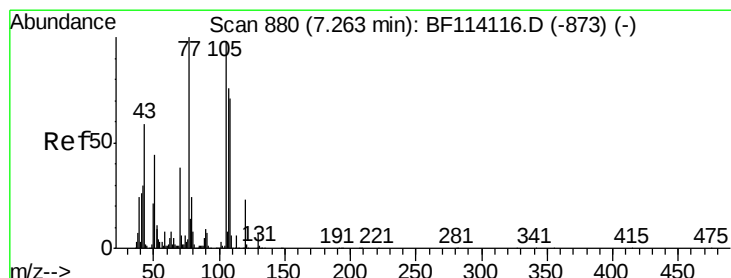
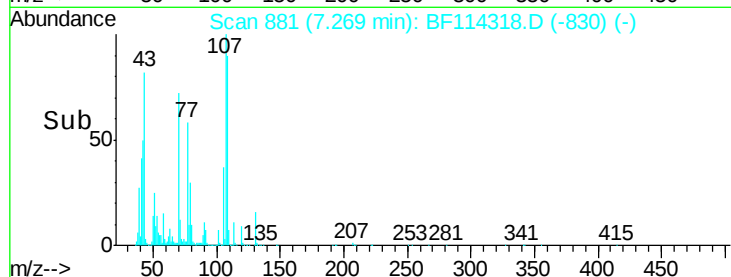
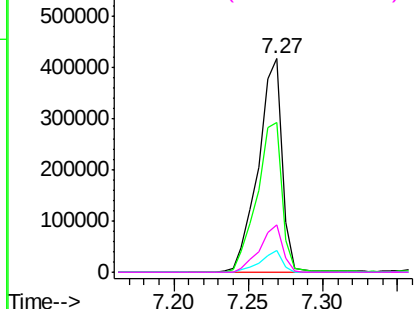
#19
n-Nitroso-di-n-propylamine
Concen: 43.552 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion:	70	Resp:	455241
Ion	Ratio	Lower	Upper
70	100		
42	70.3	58.6	87.8
101	10.0	7.8	11.8
130	22.0	17.1	25.7

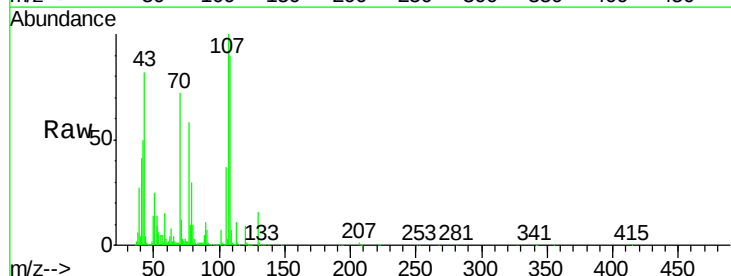


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

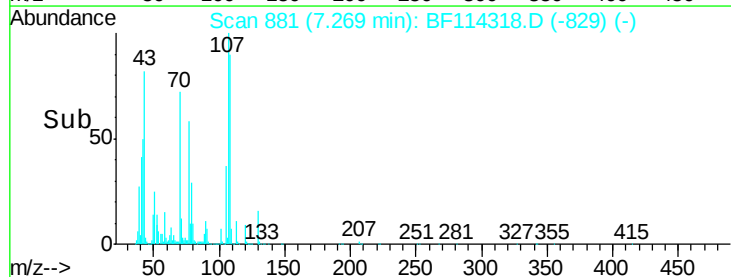
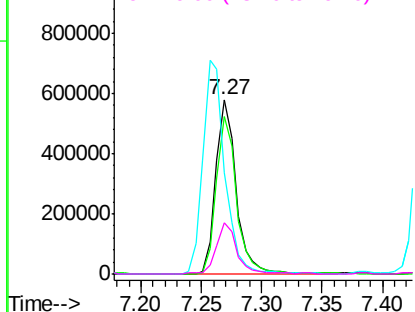


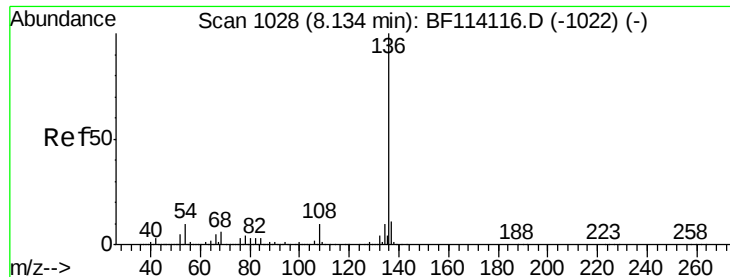
#20
3+4-Methylphenols
Concen: 47.351 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:	107	Resp:	668945
Ion	Ratio	Lower	Upper
107	100		
108	90.5	73.8	113.8
77	58.1	111.5	151.5#
79	29.6	12.0	52.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:136 Resp: 815866

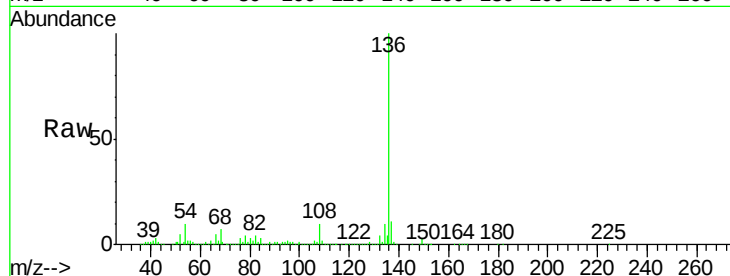
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.6 7.8 11.8

68 6.9 5.1 7.7

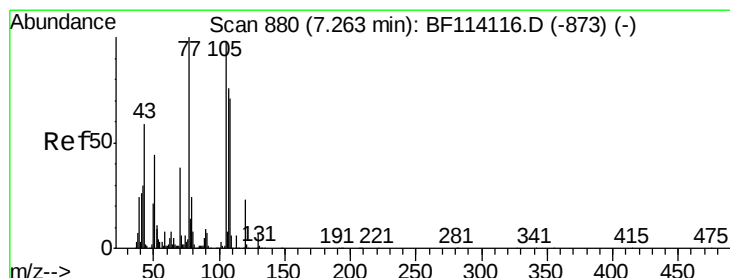
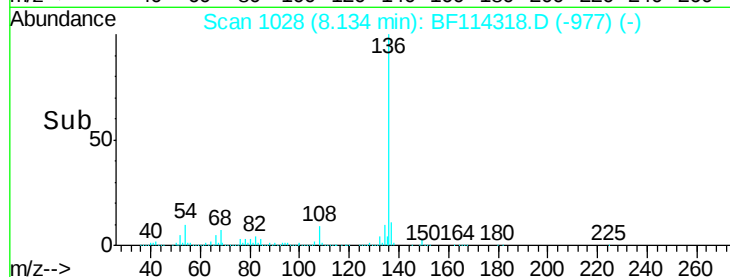
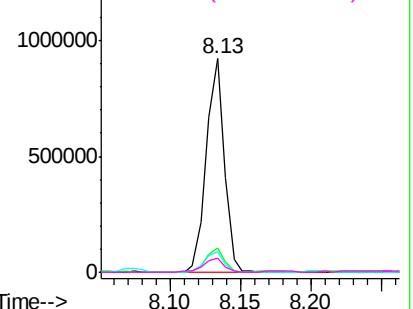


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 49.634 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:105 Resp: 897084

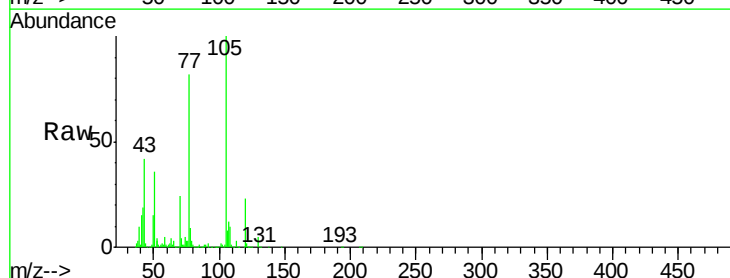
Ion Ratio Lower Upper

105 100

71 4.2 5.3 7.9#

51 35.9 36.2 54.4#

120 22.7 18.6 28.0

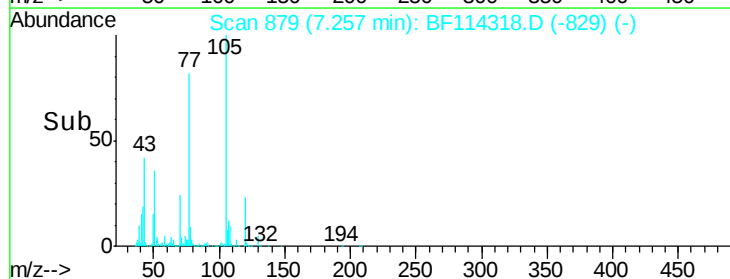
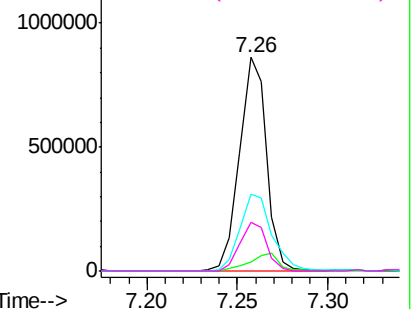


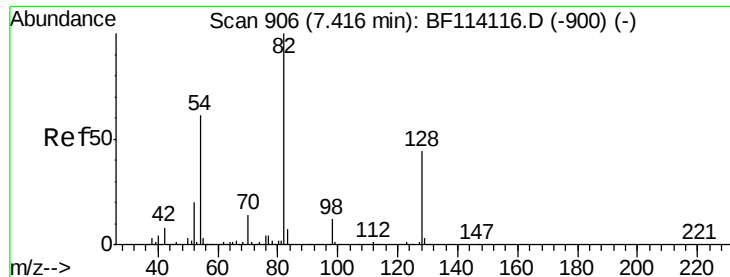
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

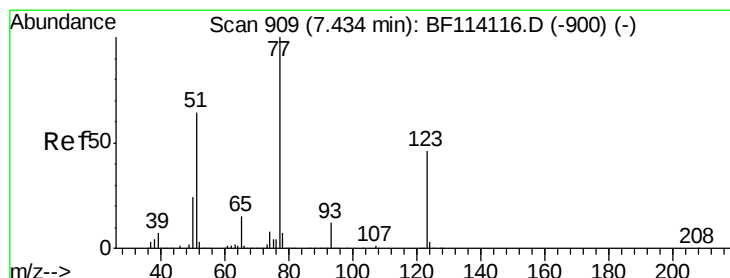
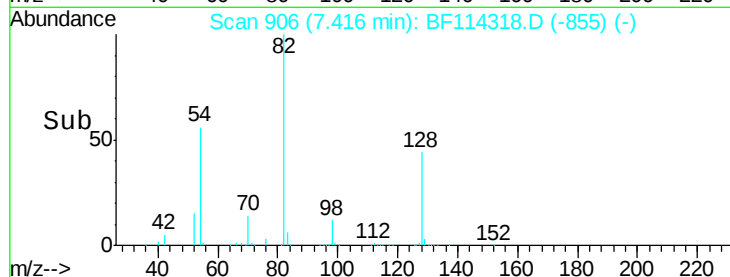
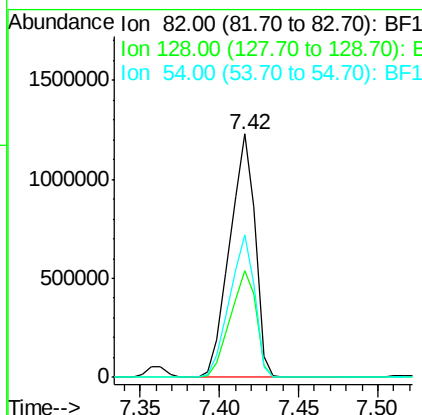
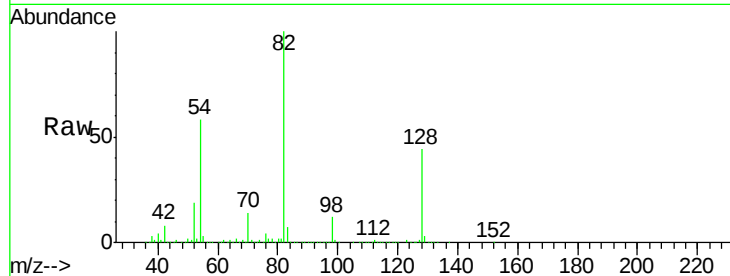




#23
 Nitrobenzene-d5
 Concen: 94.092 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

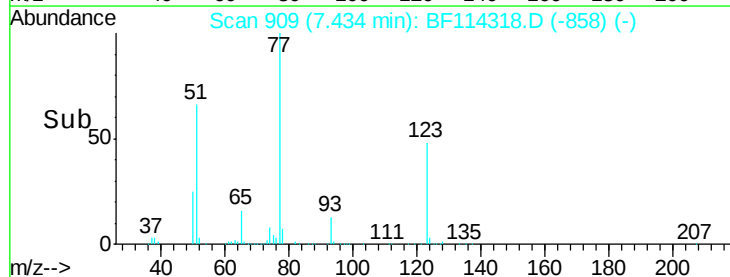
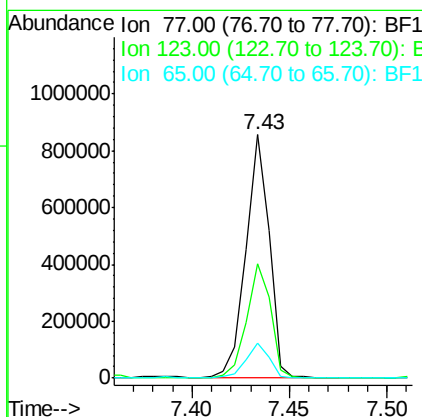
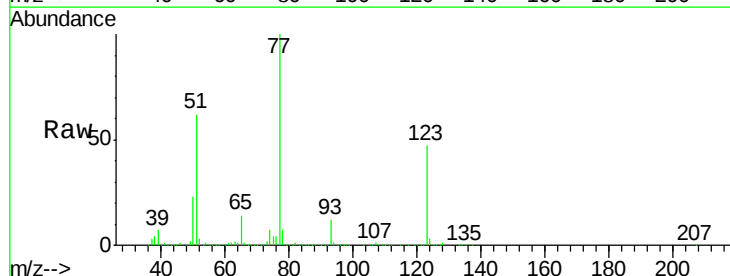
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

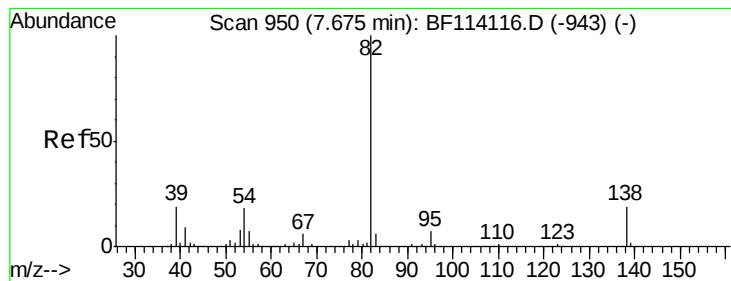
Tot Ion: 82 Resp: 1367904
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.5 53.3
 54 58.4 48.5 72.7



#24
 Nitrobenzene
 Concen: 47.912 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion: 77 Resp: 709425
 Ion Ratio Lower Upper
 77 100
 123 47.0 36.9 55.3
 65 14.4 11.8 17.6





#25

Isophorone

Concen: 47.594 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

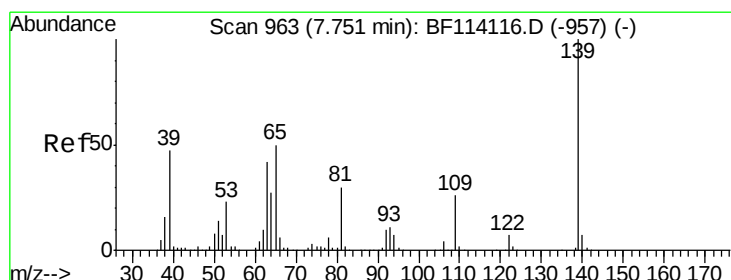
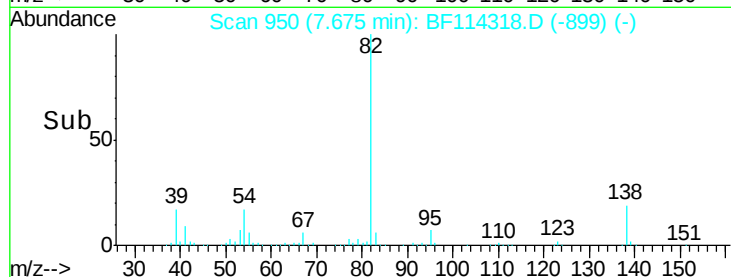
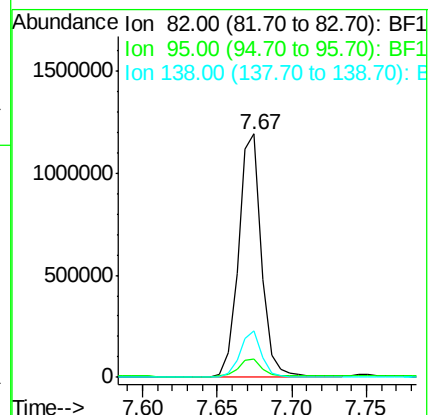
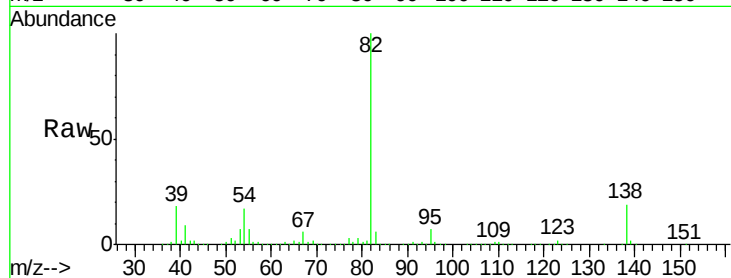
Tot Ion: 82 Resp: 1283227

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

138 19.1 14.8 22.2



#26

2-Nitrophenol

Concen: 50.011 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

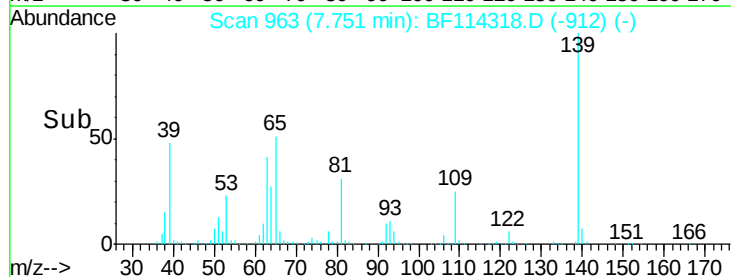
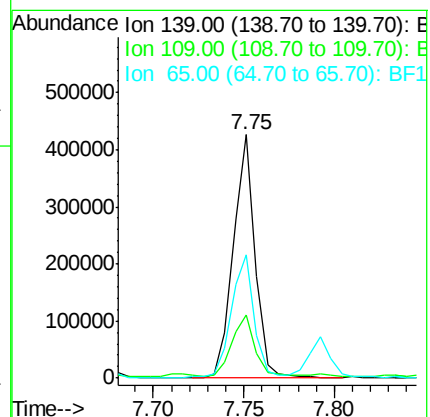
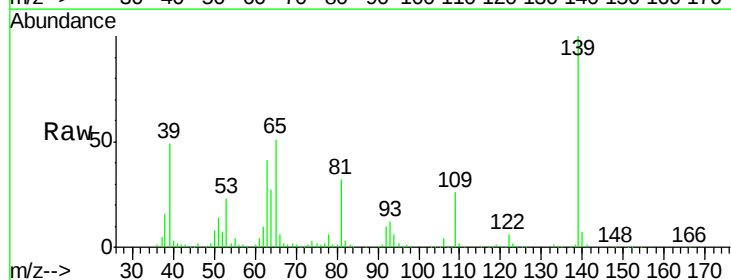
Tgt Ion: 139 Resp: 359271

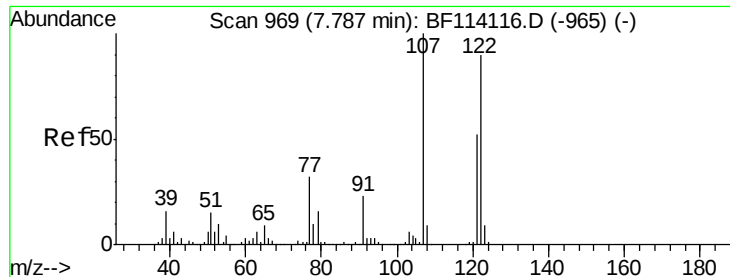
Ion Ratio Lower Upper

139 100

109 26.1 20.7 31.1

65 50.8 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 52.755 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

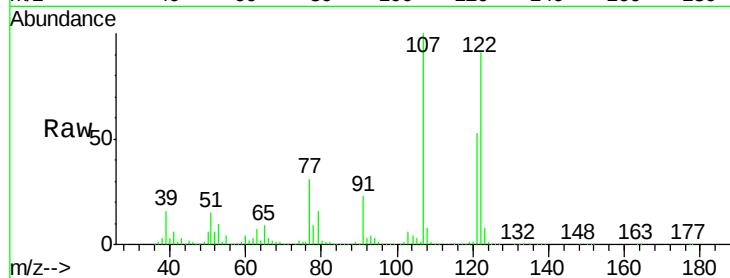
Tot Ion:122 Resp: 595221

Ion Ratio Lower Upper

122 100

107 110.4 88.4 132.6

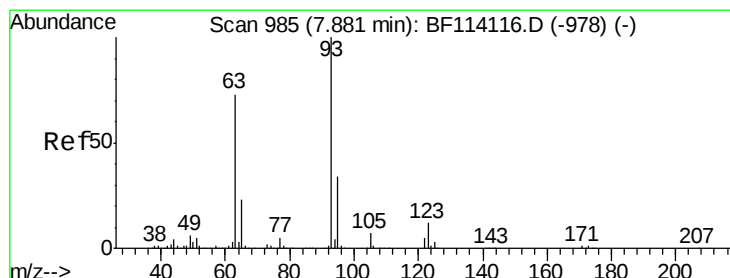
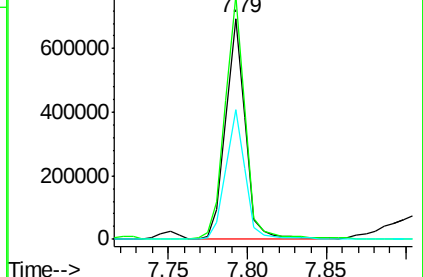
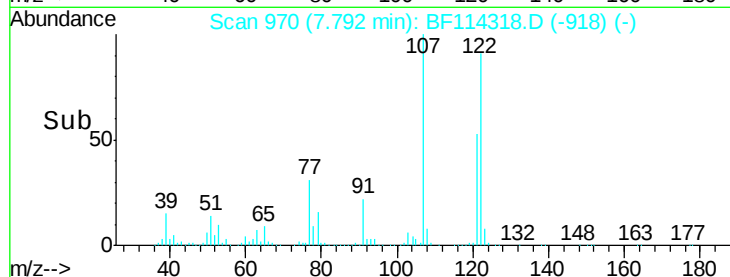
121 58.8 45.9 68.9



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: 46.224 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

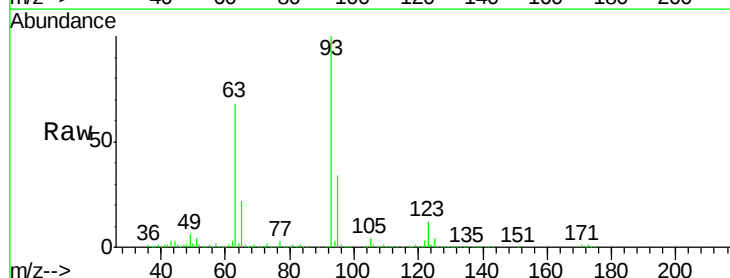
Tgt Ion: 93 Resp: 808641

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

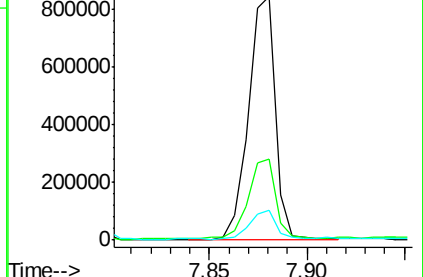
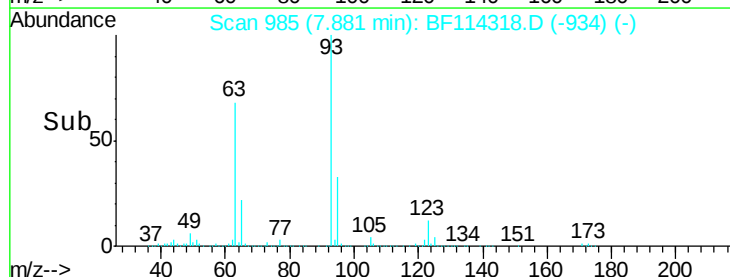
123 12.0 9.5 14.3

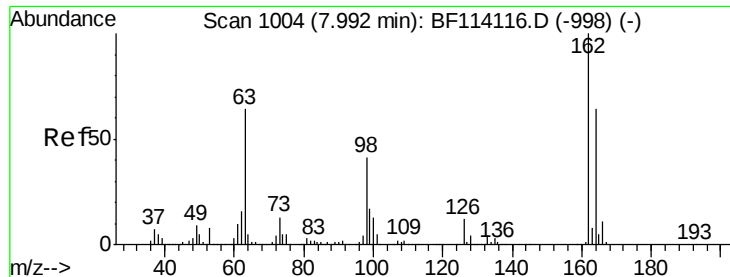


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

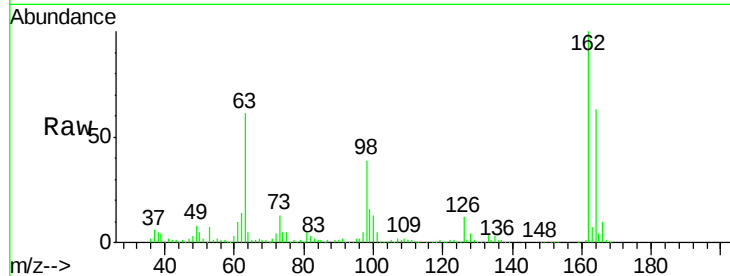




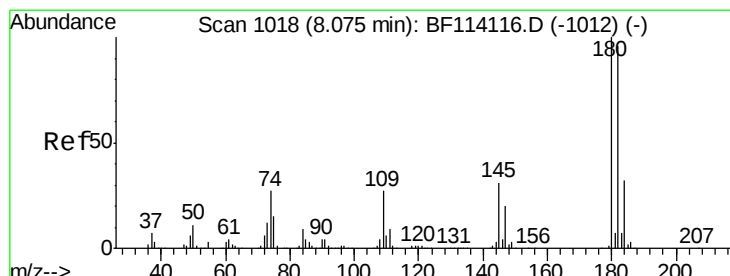
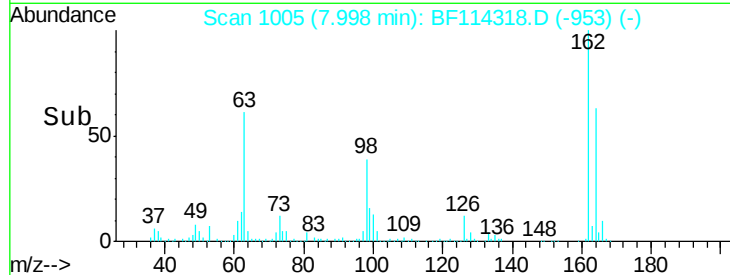
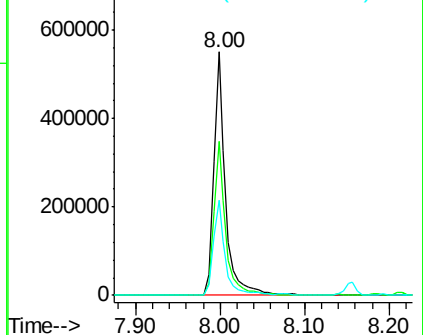
#29
2,4-Dichlorophenol
Concen: 48.608 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	39.2	20.6	60.6

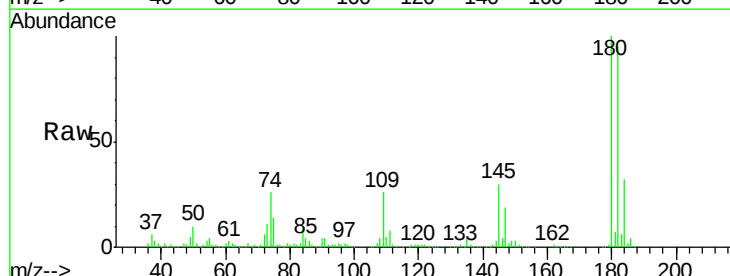


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

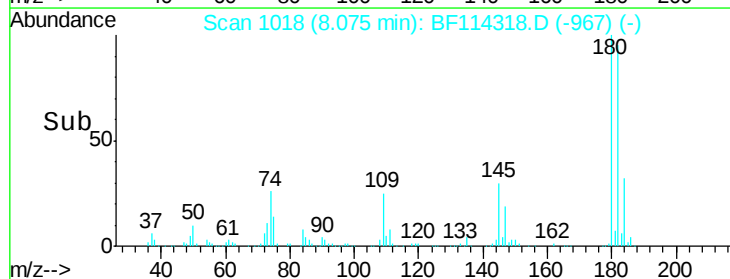
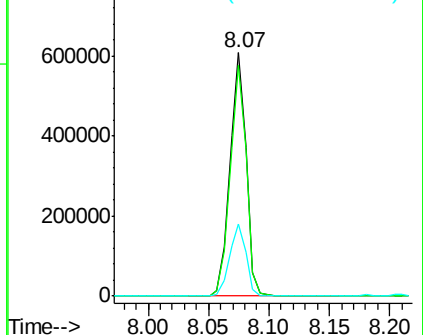


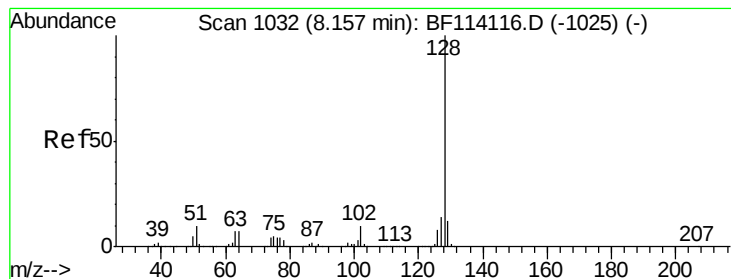
#30
1,2,4-Trichlorobenzene
Concen: 44.175 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	114.8
145	29.8	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: 48.441 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

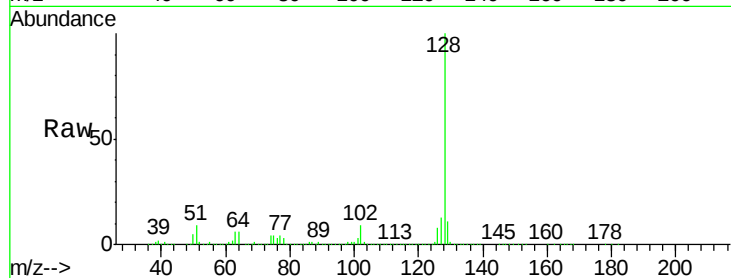
Tot Ion:128 Resp: 1846099

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

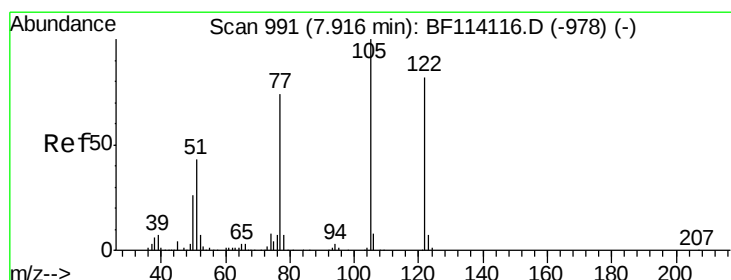
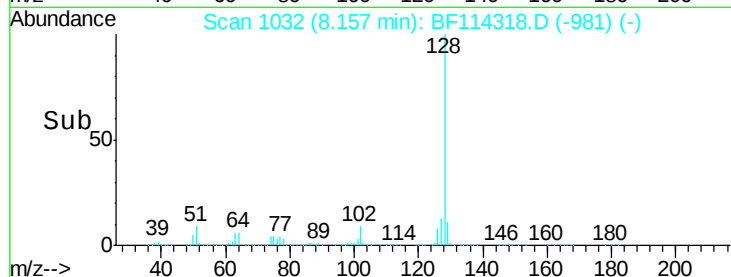
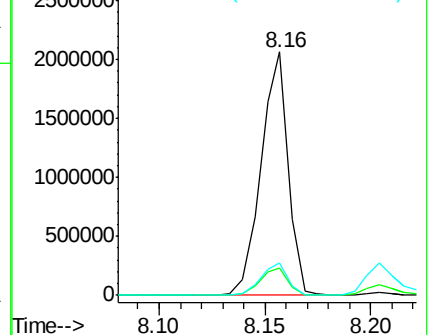
127 13.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.808 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

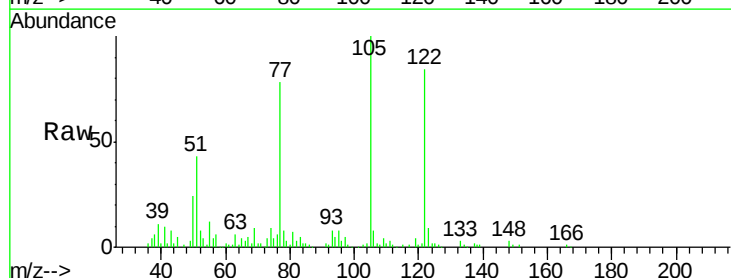
Tgt Ion:122 Resp: 177033

Ion Ratio Lower Upper

122 100

105 119.4 99.9 139.9

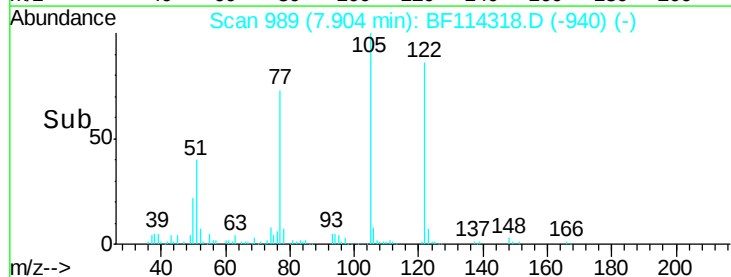
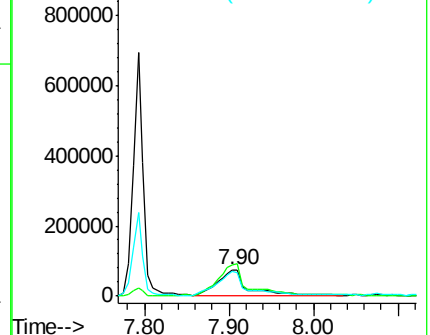
77 92.7 69.4 109.4

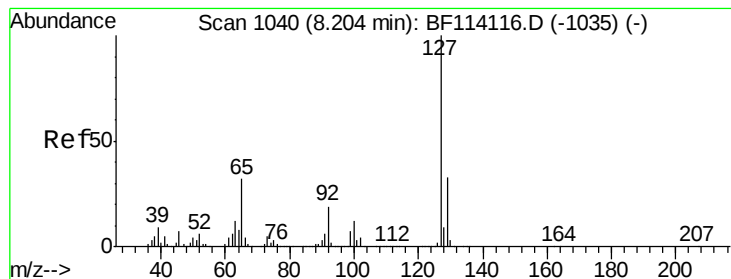


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 17.123 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:127 Resp: 297366

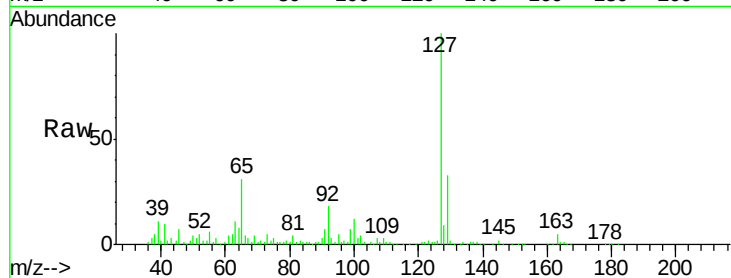
Ion Ratio Lower Upper

127 100

129 32.8 26.7 40.1

65 31.5 25.4 38.0

92 18.0 15.4 23.2

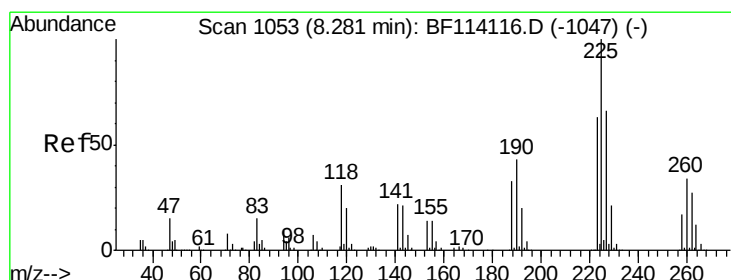
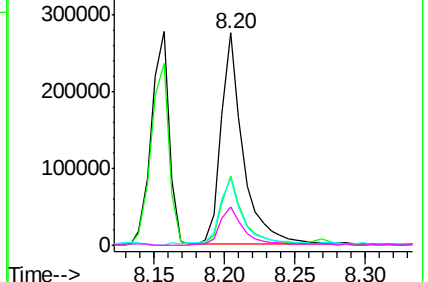
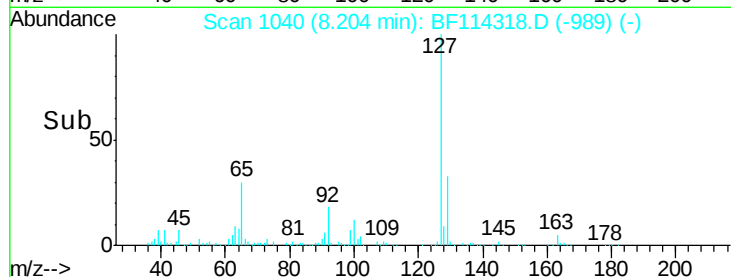


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.681 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

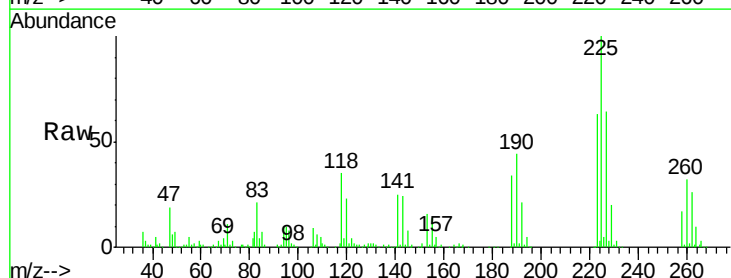
Tgt Ion:225 Resp: 302983

Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.2

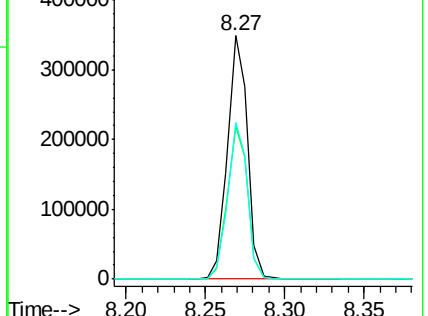
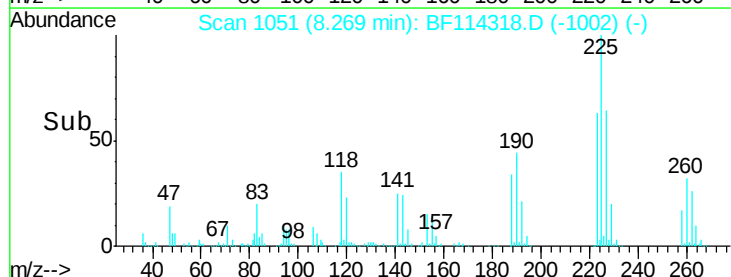
227 64.4 52.6 79.0

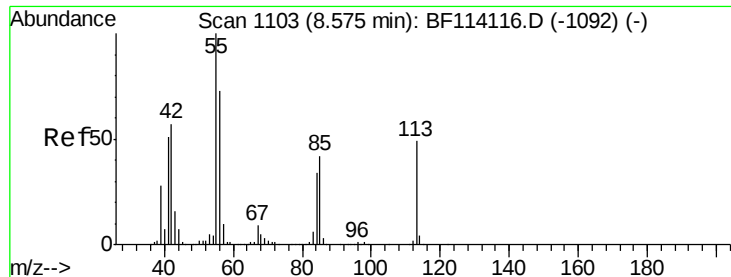


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

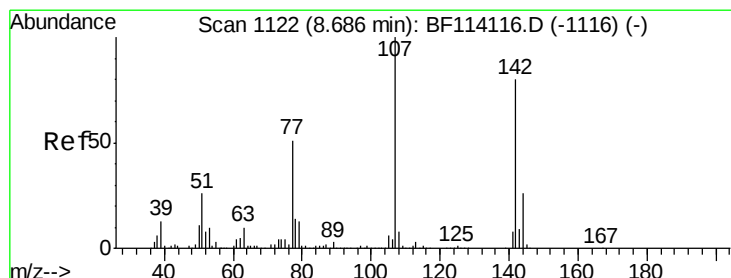
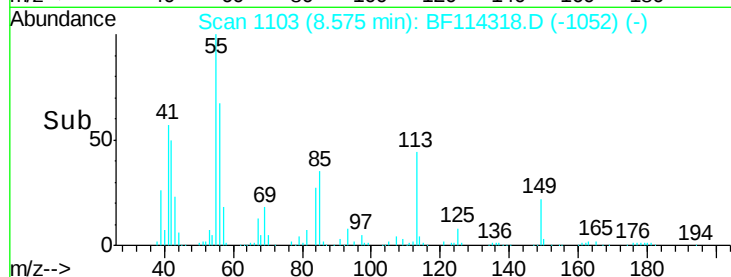
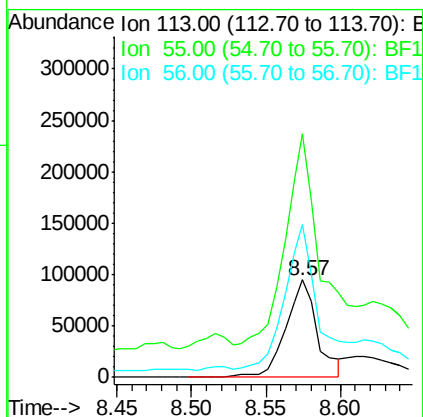
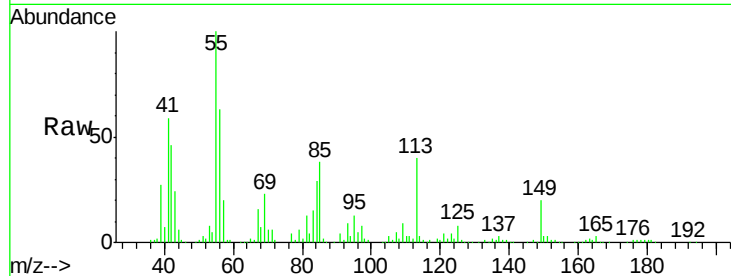




#35
 Caprolactam
 Concen: 37.867 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

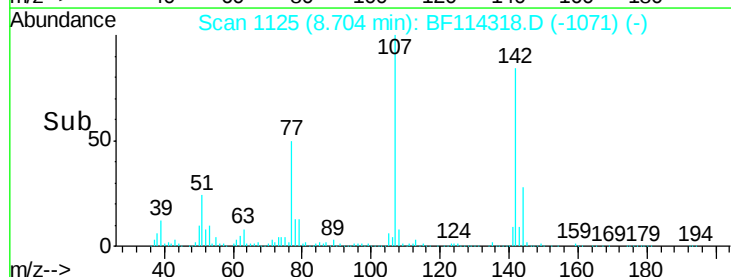
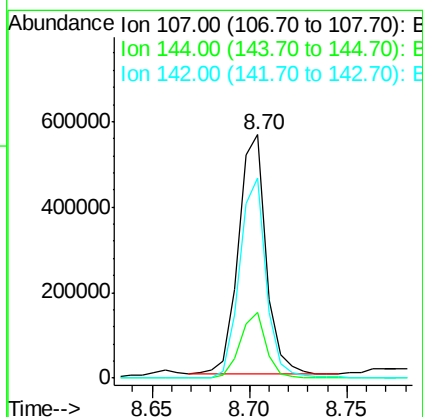
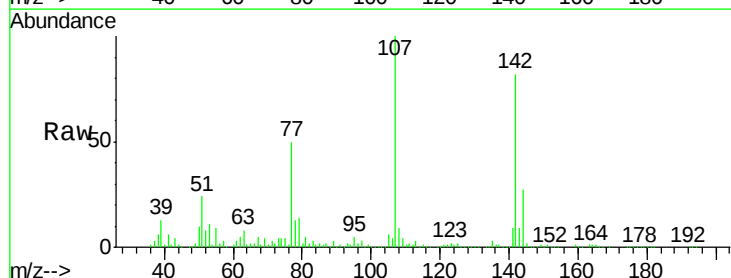
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

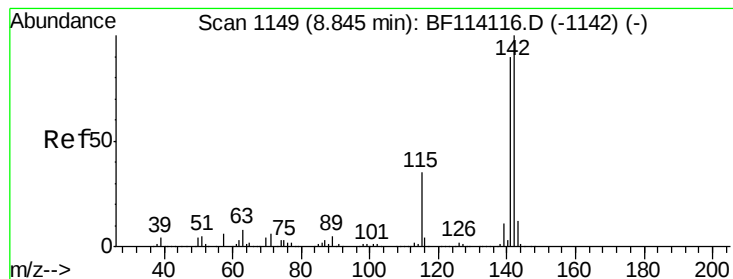
Tot Ion:113 Resp: 138721
 Ion Ratio Lower Upper
 113 100
 55 250.3 183.5 223.5#
 56 156.9 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.275 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.02 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion:107 Resp: 545942
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.4 30.6
 142 82.3 64.2 96.4





#37

2-Methylnaphthalene

Concen: 46.704 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

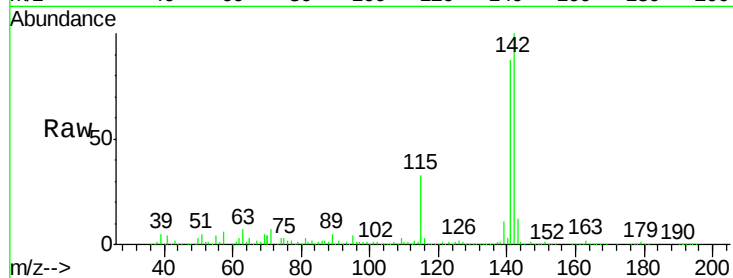
Tot Ion:142 Resp: 1148389

Ion Ratio Lower Upper

142 100

141 86.8 72.1 108.1

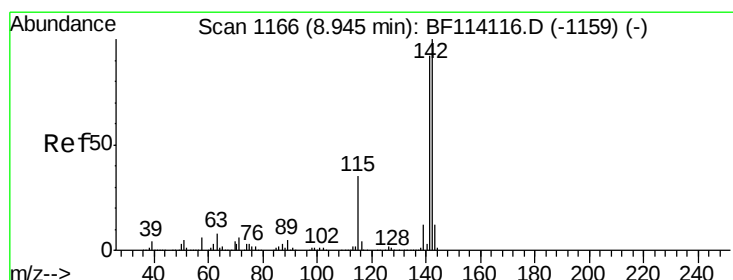
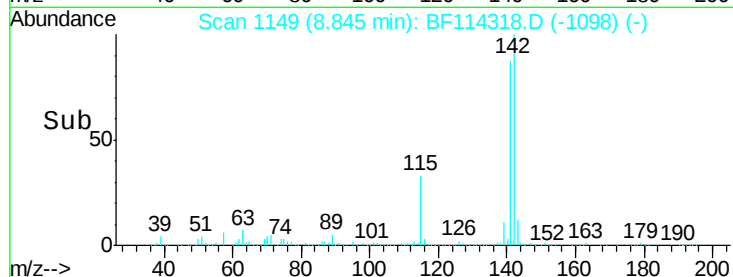
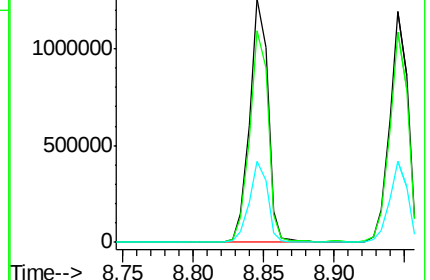
115 33.3 28.0 42.0



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: 46.094 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

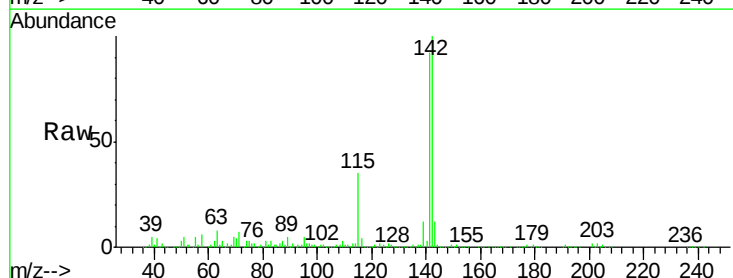
Tgt Ion:142 Resp: 1067339

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.0

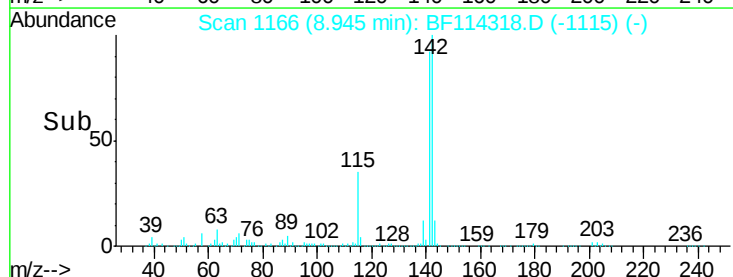
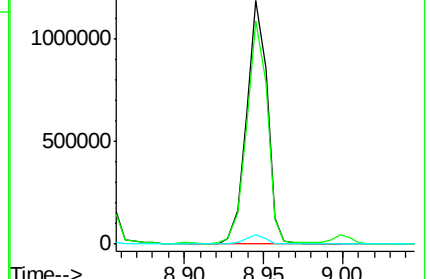
116 3.8 3.1 4.7

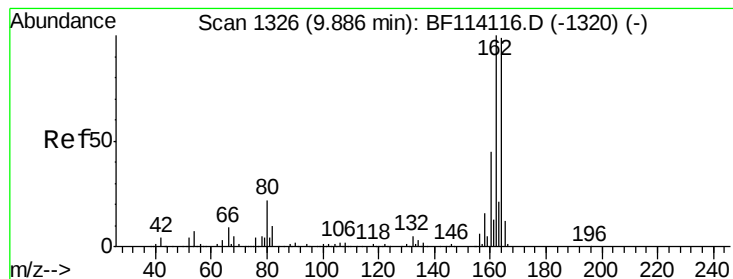


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

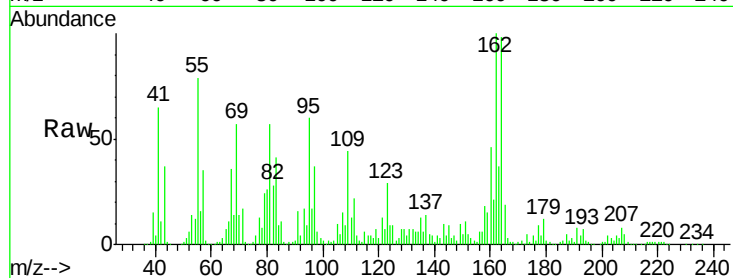
Tot Ion:164 Resp: 293764

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

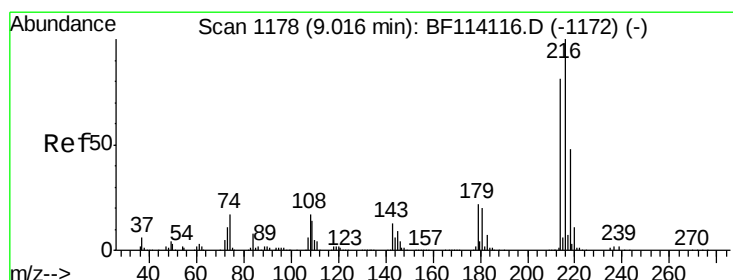
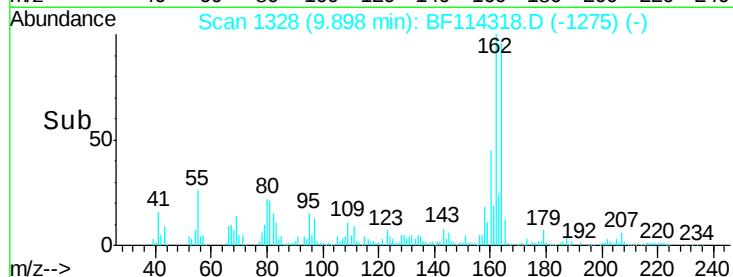
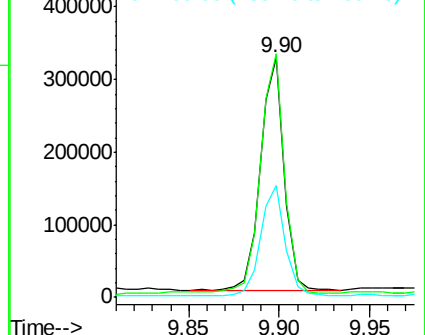
160 46.4 36.5 54.7



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: 56.082 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:216 Resp: 499056

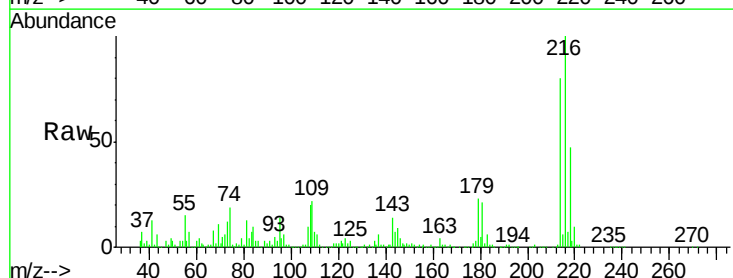
Ion Ratio Lower Upper

216 100

214 78.8 63.9 95.9

179 22.4 17.0 25.6

108 19.7 14.8 22.2

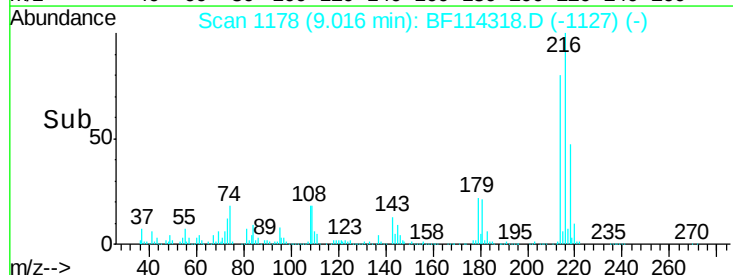
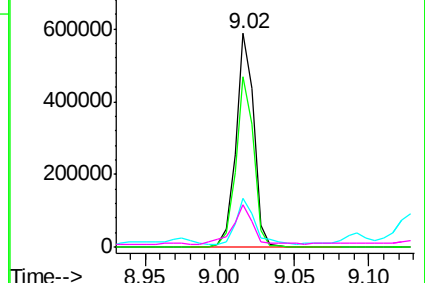


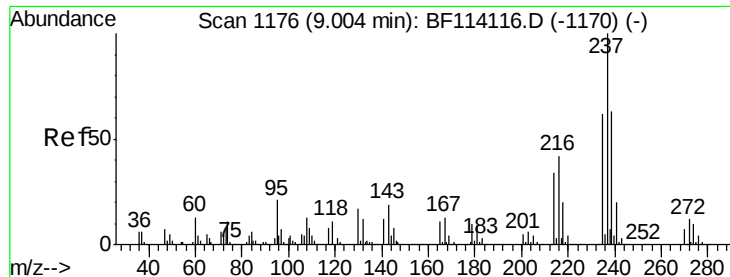
Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.808 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

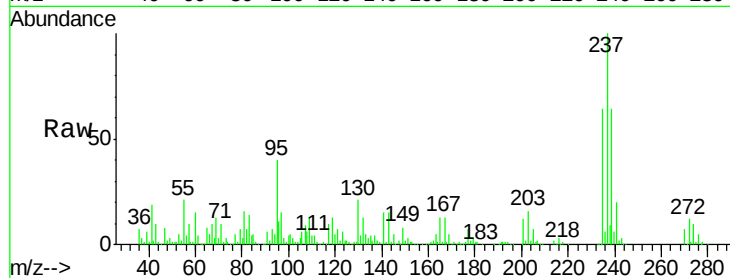
Tot Ion:237 Resp: 282611

Ion Ratio Lower Upper

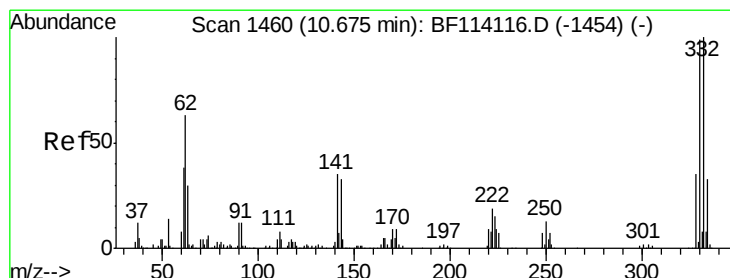
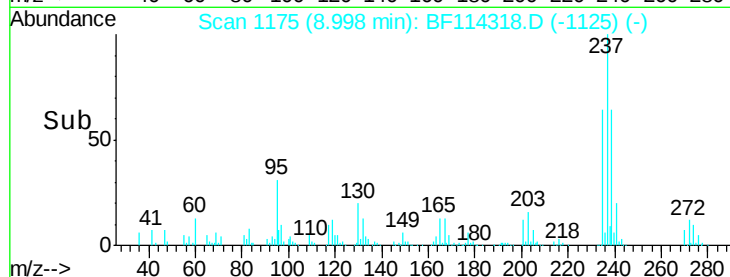
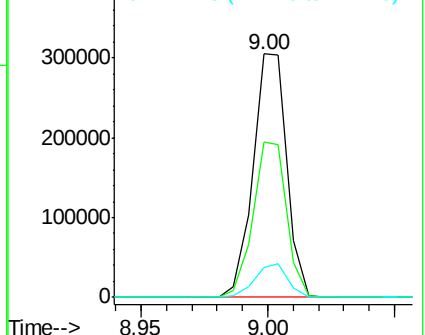
237 100

235 63.6 42.0 82.0

272 12.2 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: 110.044 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

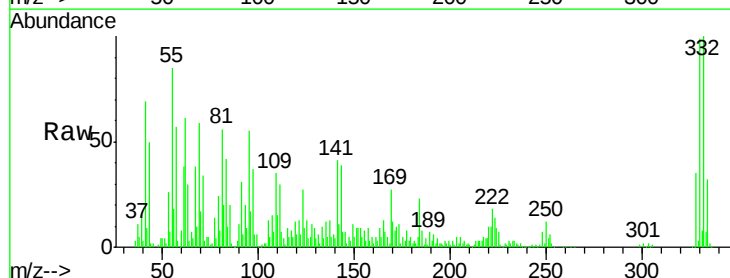
Tgt Ion:330 Resp: 334207

Ion Ratio Lower Upper

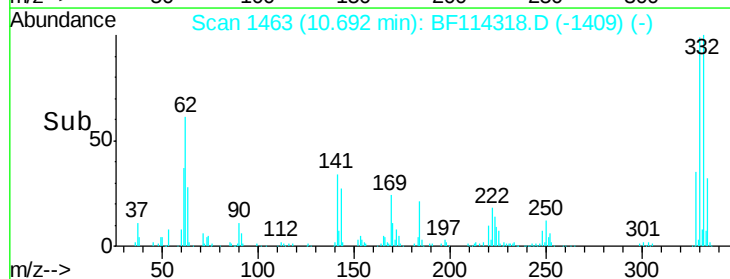
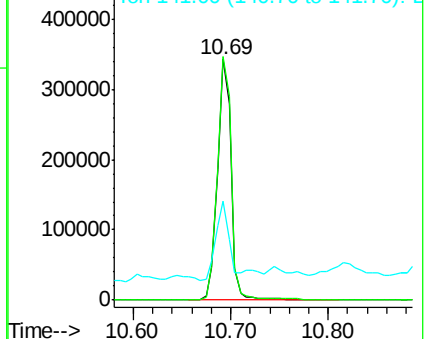
330 100

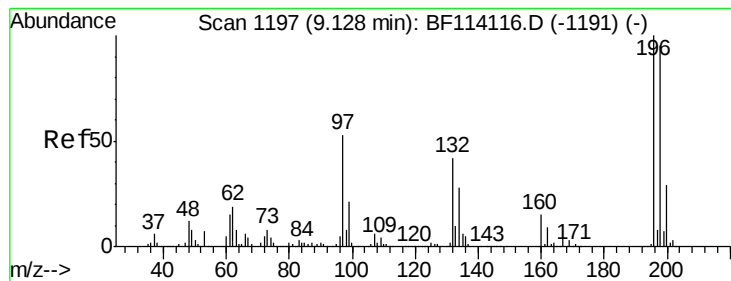
332 101.9 81.4 122.2

141 31.4 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: 54.420 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

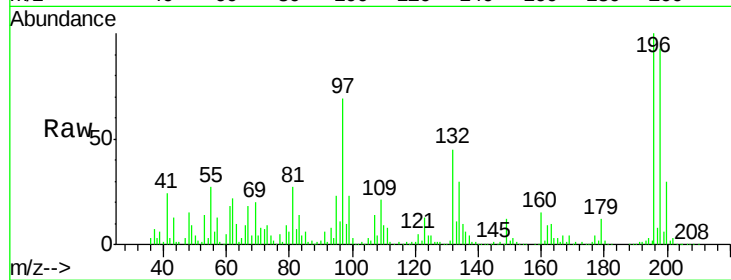
Tot Ion:196 Resp: 333097

Ion Ratio Lower Upper

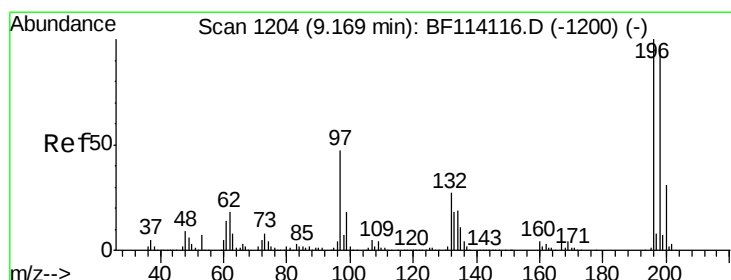
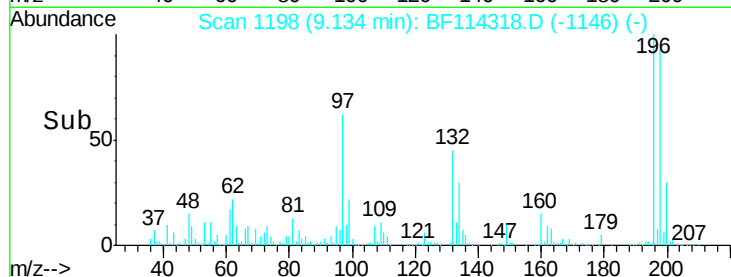
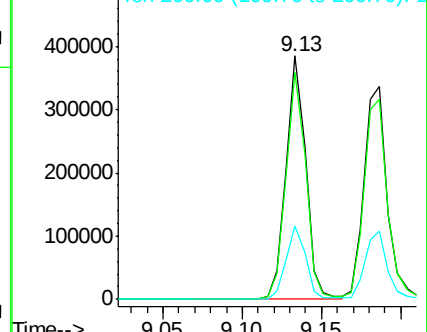
196 100

198 93.0 75.9 113.9

200 30.0 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: 55.658 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:196 Resp: 349373

Ion Ratio Lower Upper

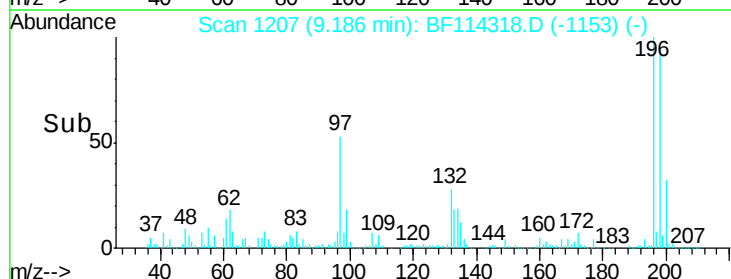
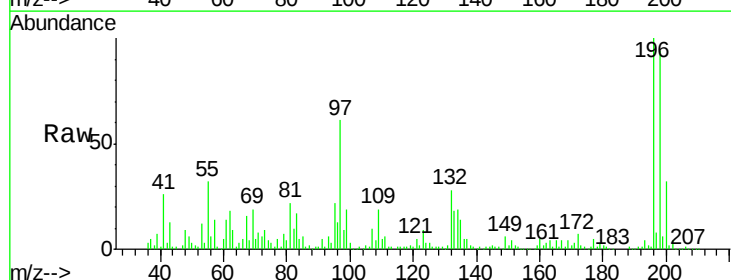
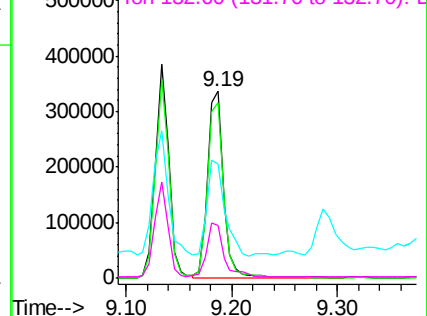
196 100

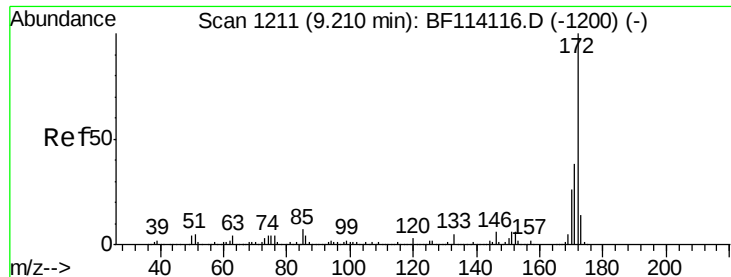
198 94.1 77.7 116.5

97 61.1 38.2 57.2#

132 27.9 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



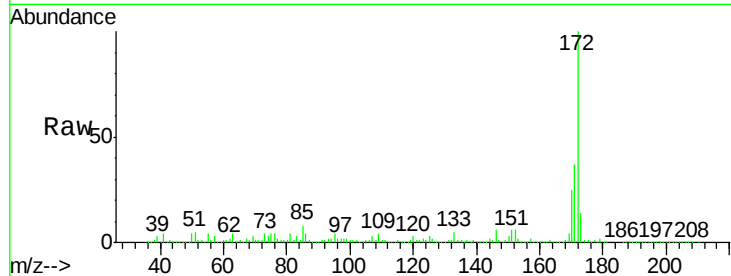


#45
 2-Fluorobiphenyl
 Concen: 102.891 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

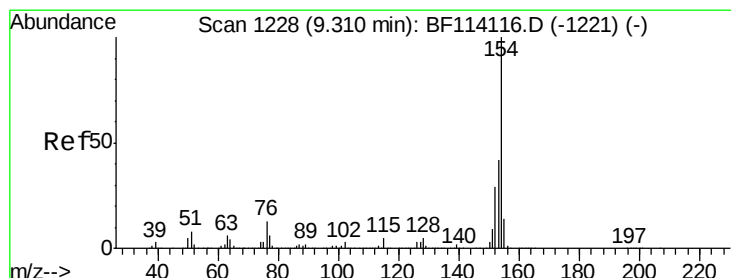
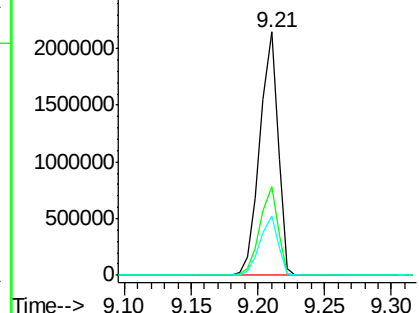
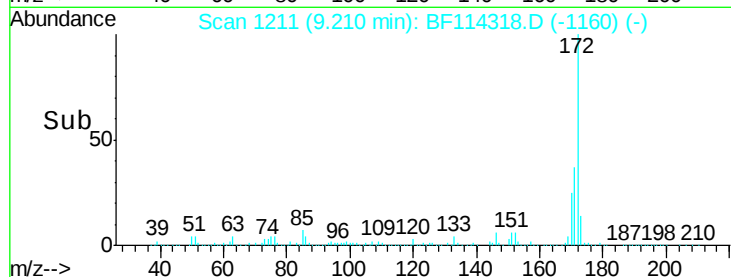
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

Tot Ion:172 Resp: 1998174

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.5	20.5	30.7



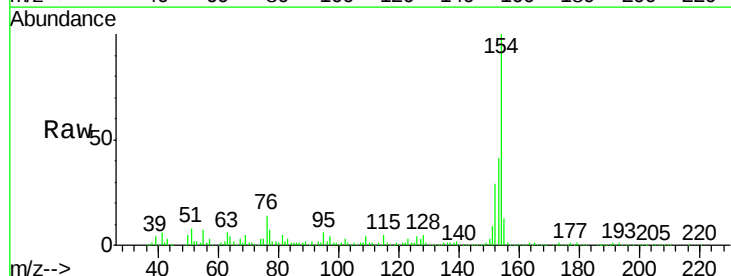
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



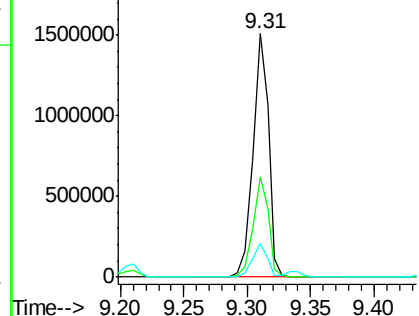
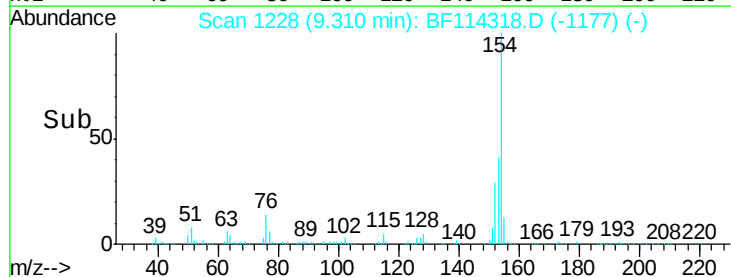
#46
 1,1'-Biphenyl
 Concen: 54.096 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

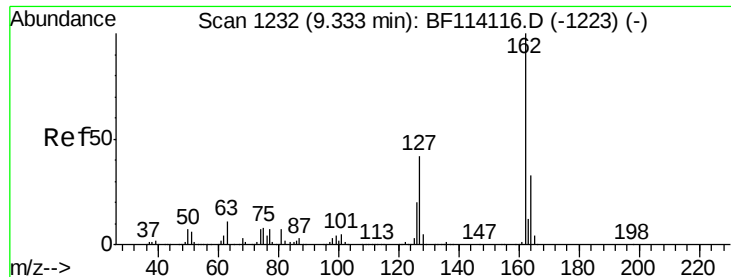
Tgt Ion:154 Resp: 1283817

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	13.7	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

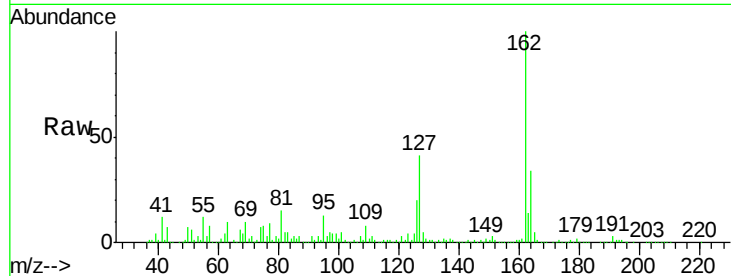




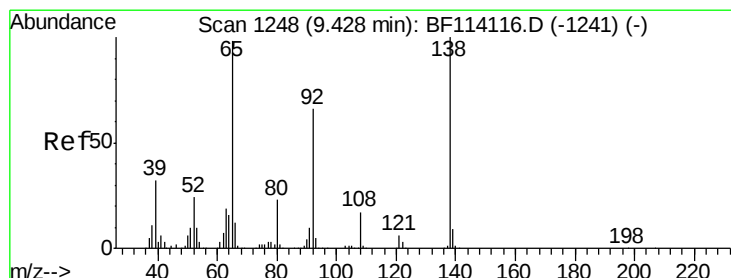
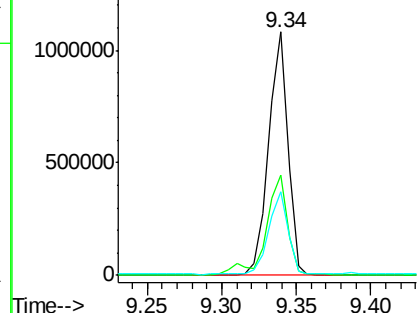
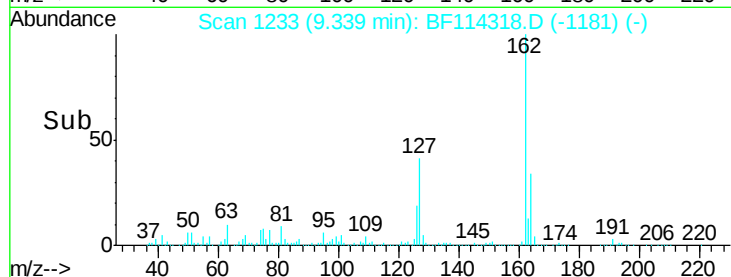
#47
2-Chloronaphthalene
Concen: 50.052 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	34.1	26.7	40.1

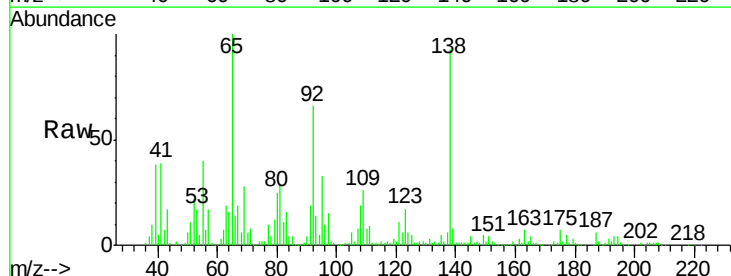


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

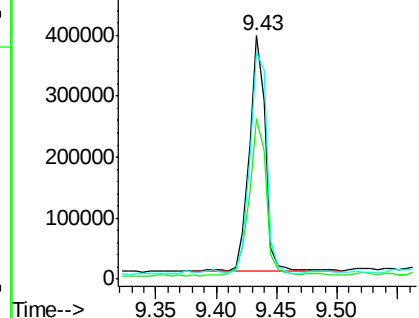
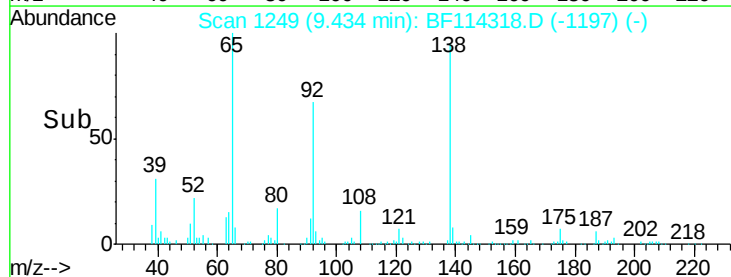


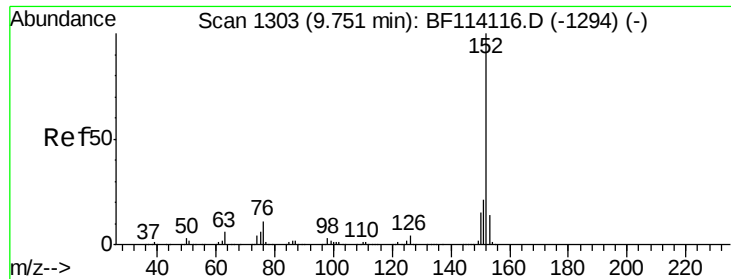
#48
2-Nitroaniline
Concen: 53.780 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	93.0	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: 47.725 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

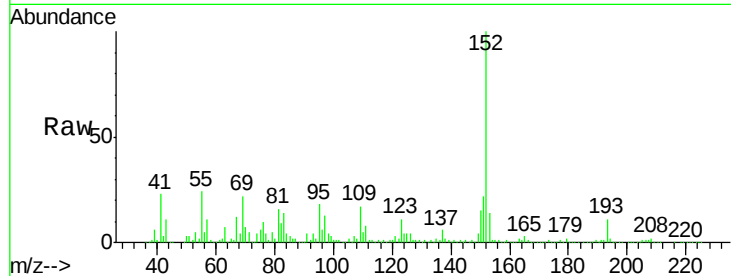
Tot Ion:152 Resp: 1386368

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

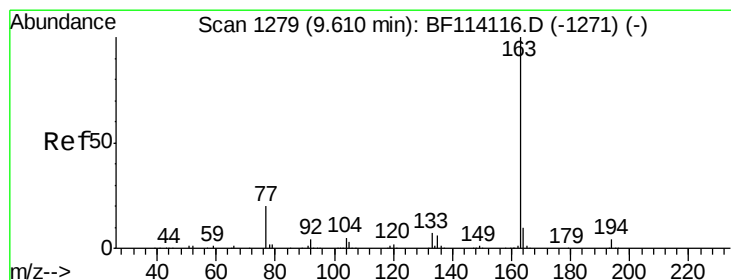
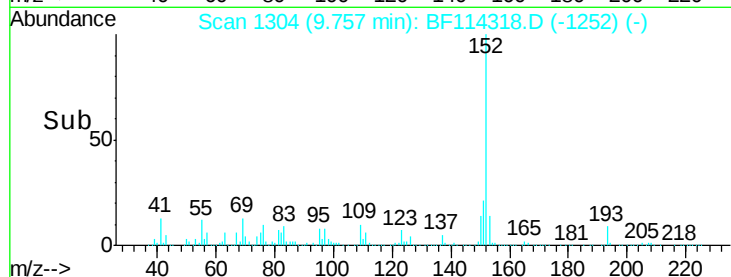
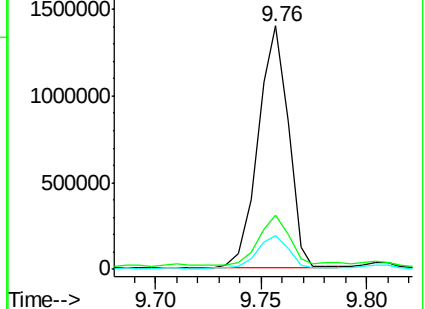
153 14.0 11.4 17.2



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: 59.650 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

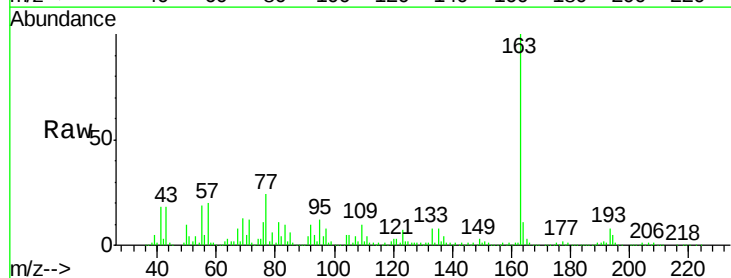
Tgt Ion:163 Resp: 1286363

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.0#

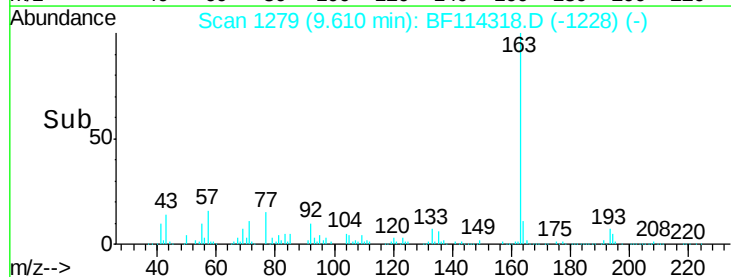
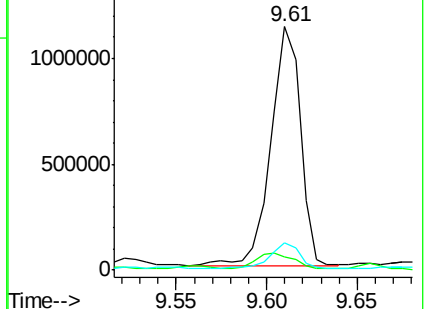
164 11.0 8.2 12.2

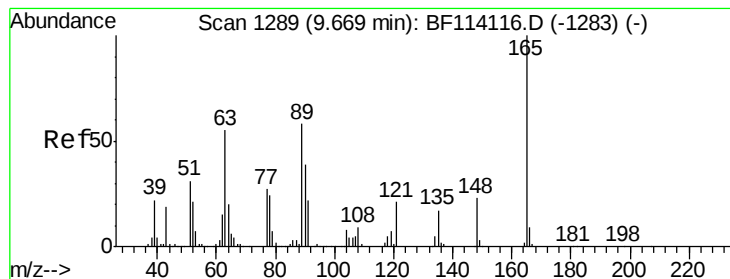


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 59.884 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

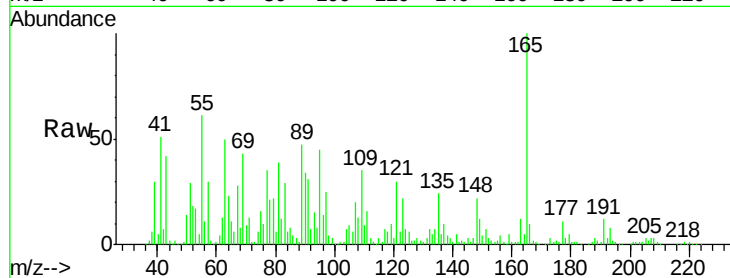
Tot Ion:165 Resp: 286430

Ion Ratio Lower Upper

165 100

63 50.5 50.2 75.4

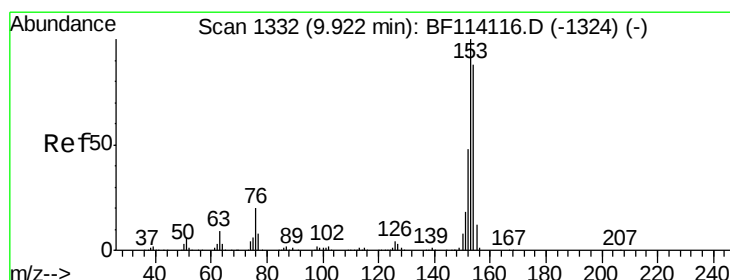
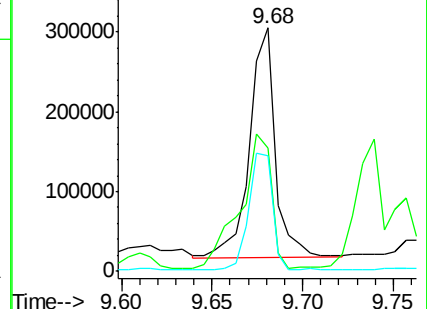
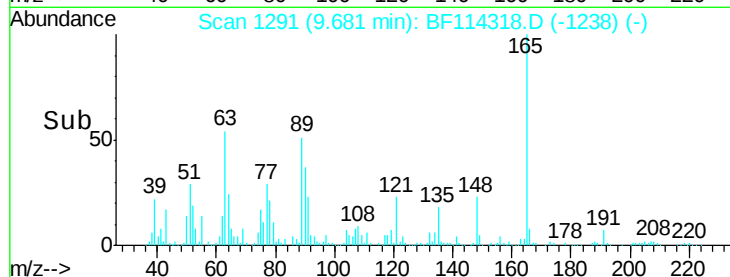
89 47.4 46.6 69.8



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: 43.087 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

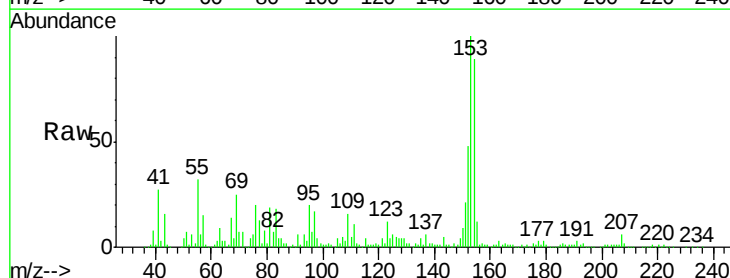
Tgt Ion:154 Resp: 768057

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

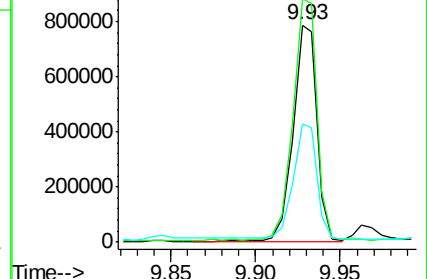
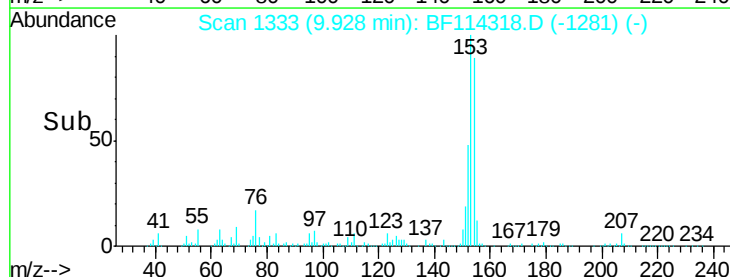
152 54.4 43.4 65.2

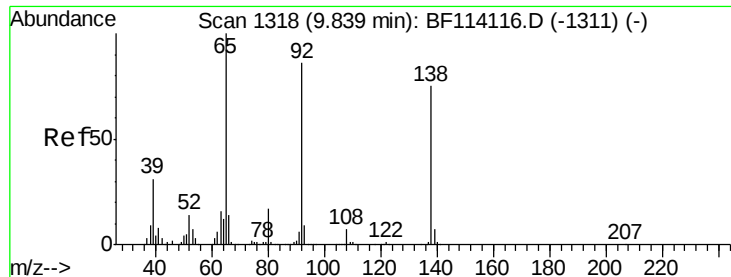


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

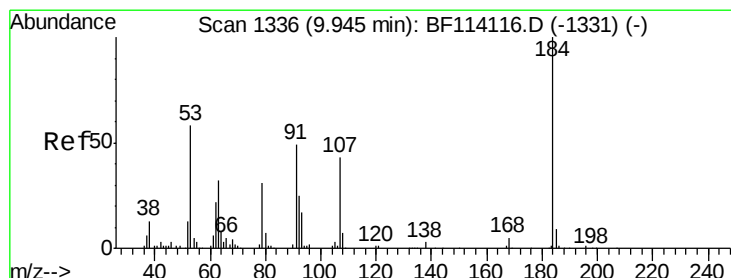
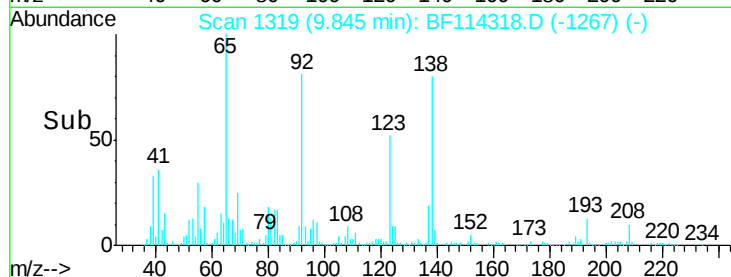
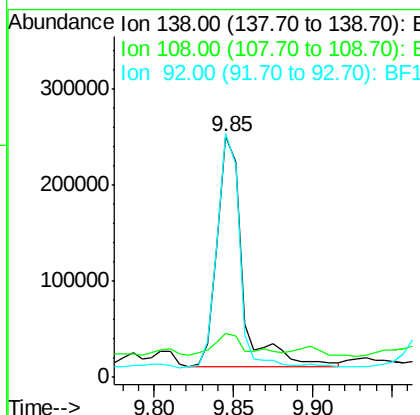
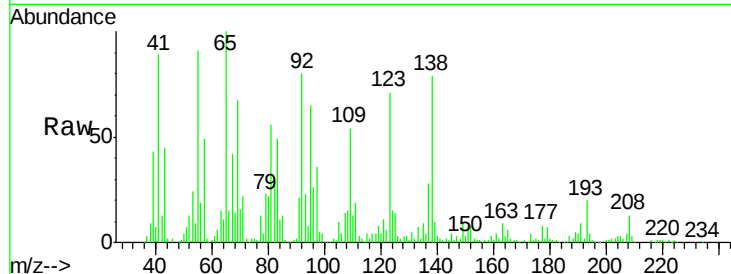




#53
 3-Nitroaniline
 Concen: 45.596 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

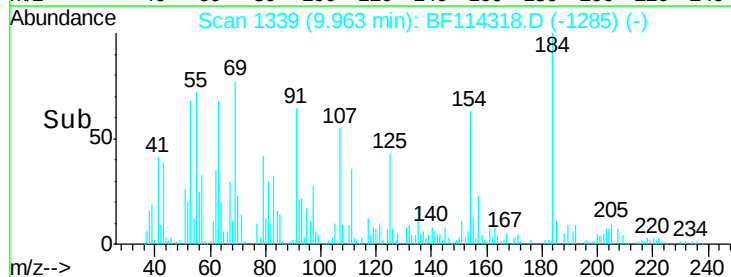
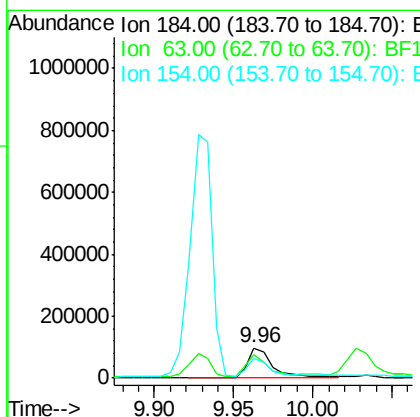
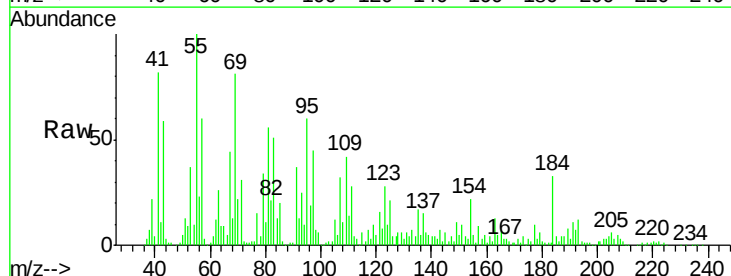
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

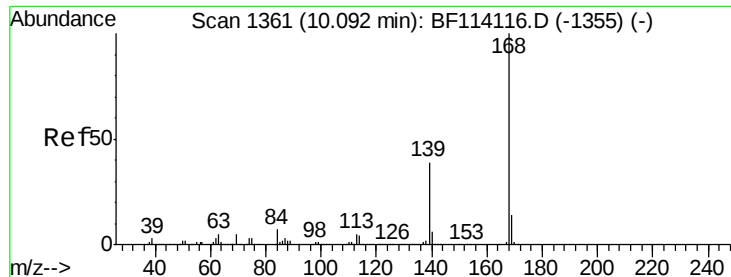
Tot Ion:138 Resp: 270727
 Ion Ratio Lower Upper
 138 100
 108 18.4 7.8 11.6#
 92 101.1 91.2 136.8



#54
 2,4-Dinitrophenol
 Concen: 49.424 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion:184 Resp: 112099
 Ion Ratio Lower Upper
 184 100
 63 77.0 55.6 83.4
 154 65.3 46.0 69.0

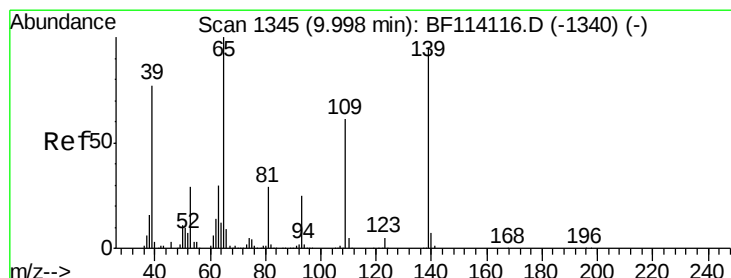
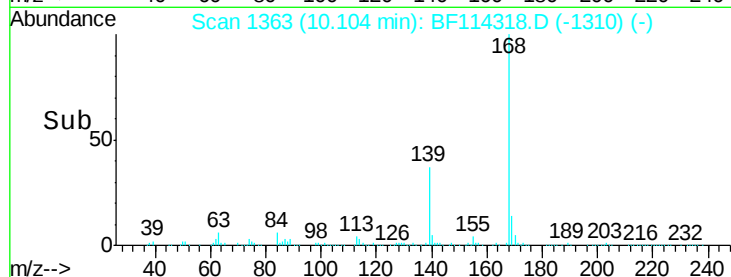
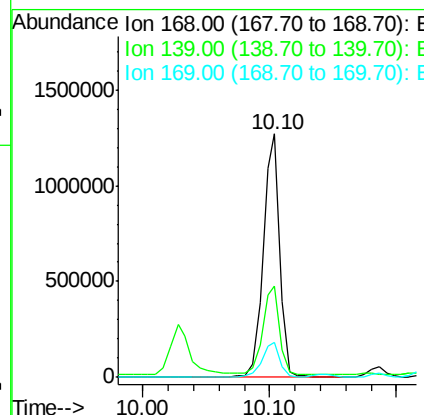
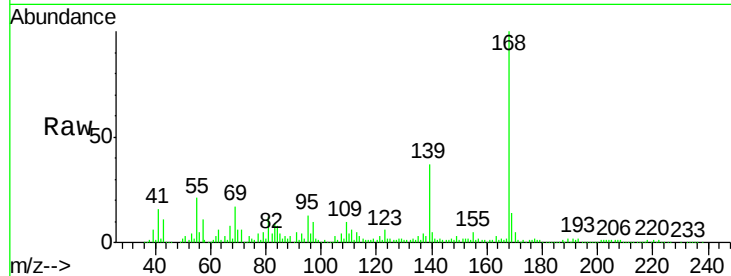




#55
Dibenzofuran
Concen: 44.223 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

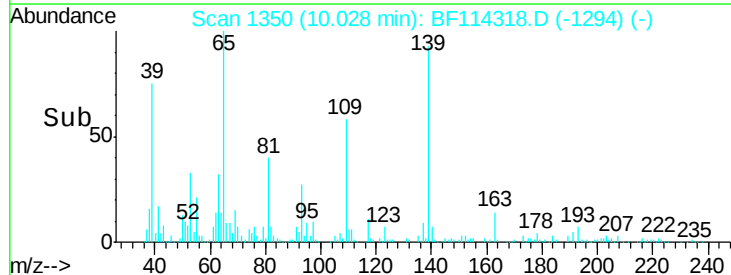
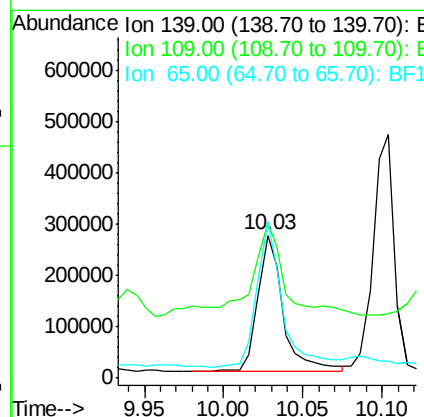
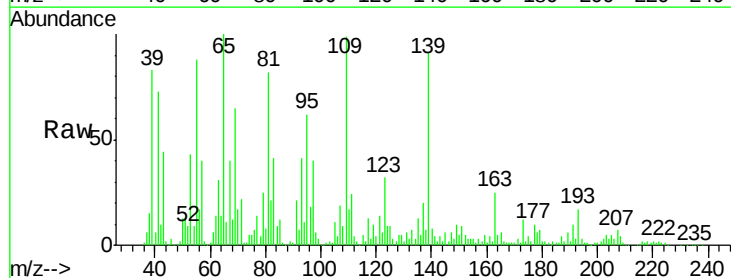
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

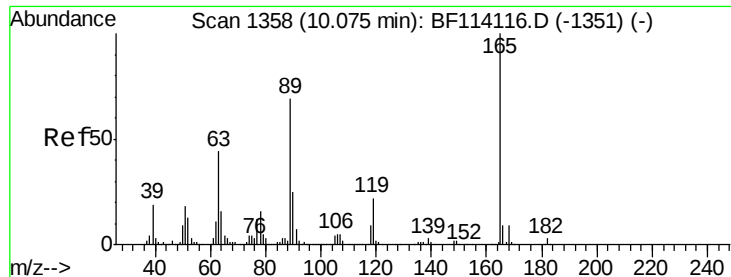
Tot Ion:168 Resp: 1155935
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 14.4 11.4 17.0



#56
4-Nitrophenol
Concen: 71.098 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:139 Resp: 298537
Ion Ratio Lower Upper
139 100
109 108.9 43.9 83.9#
65 109.7 85.7 125.7

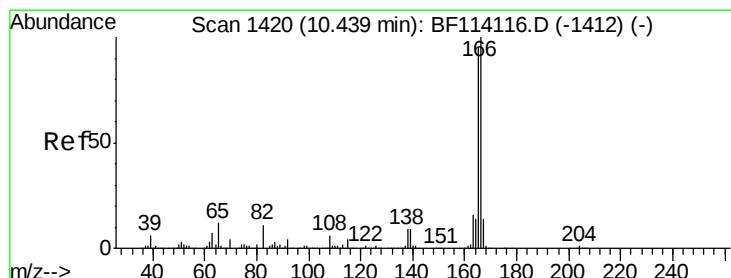
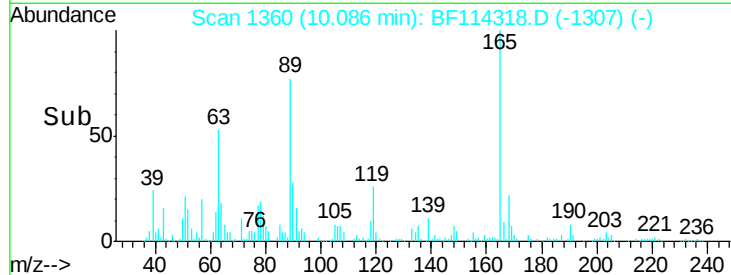
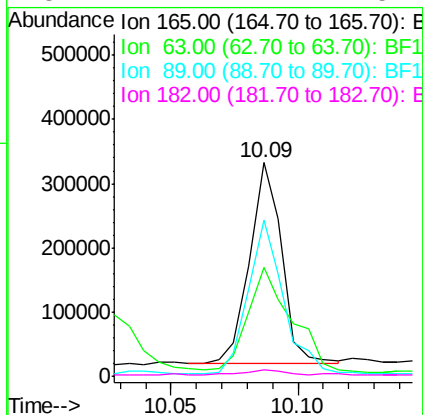
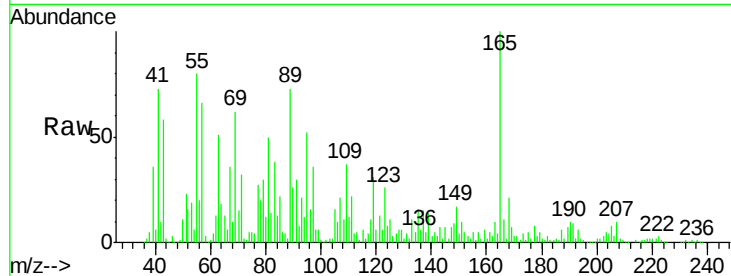




#57
 2,4-Dinitrotoluene
 Concen: 42.122 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

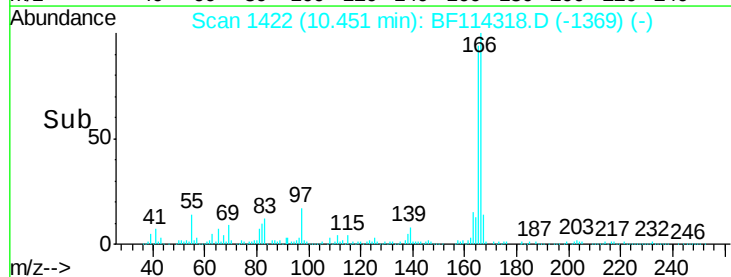
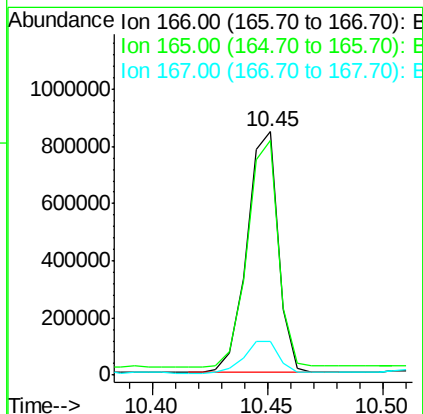
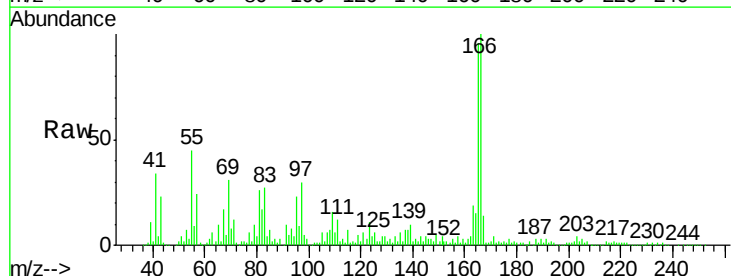
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

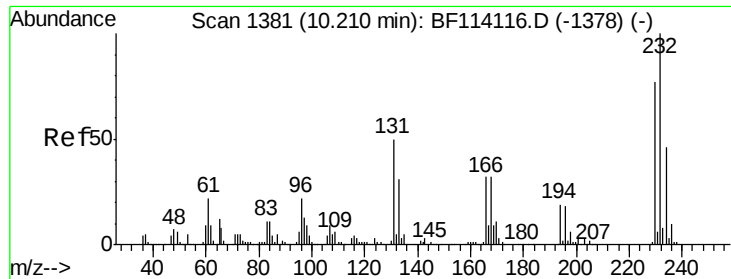
Tot Ion:165 Resp: 273458
 Ion Ratio Lower Upper
 165 100
 63 51.1 35.5 53.3
 89 72.9 55.2 82.8
 182 2.7 2.2 3.2



#58
 Fluorene
 Concen: 39.361 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion:166 Resp: 794686
 Ion Ratio Lower Upper
 166 100
 165 96.3 76.1 114.1
 167 14.1 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.946 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:232 Resp: 194691

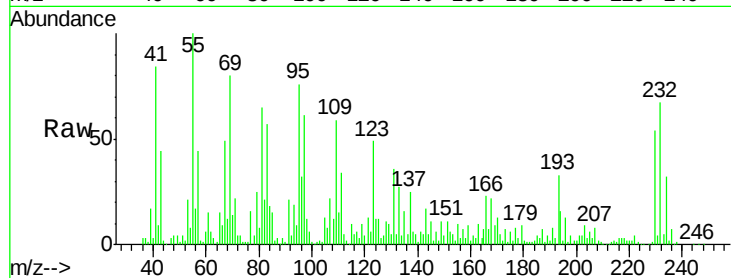
Ion Ratio Lower Upper

232 100

131 55.1 35.6 53.4#

130 8.8 1.6 2.4#

166 28.2 24.1 36.1

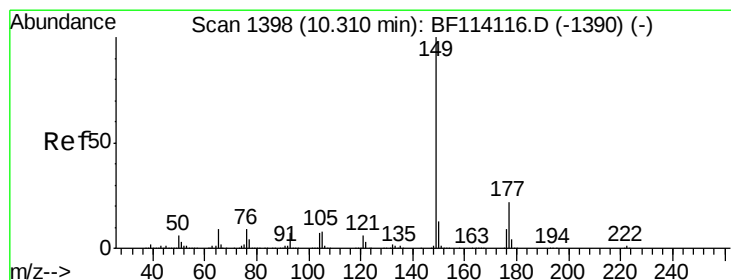
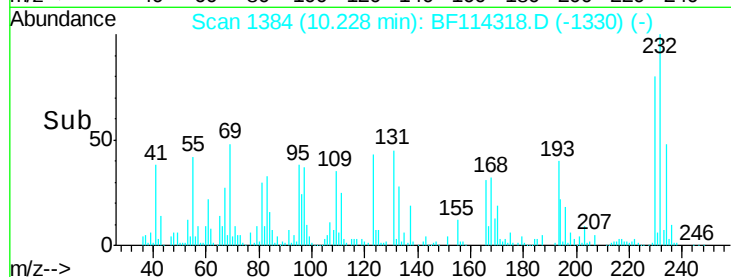
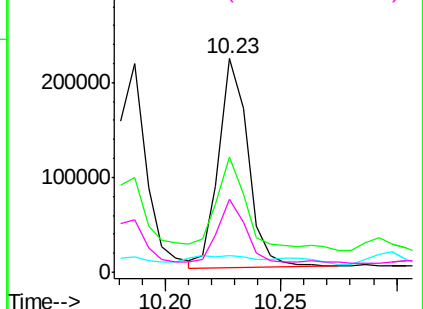


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.076 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

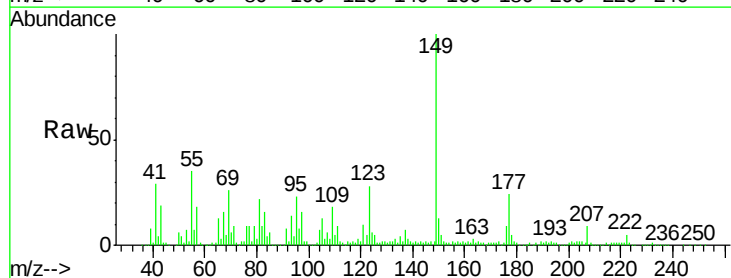
Tgt Ion:149 Resp: 812388

Ion Ratio Lower Upper

149 100

177 23.7 17.8 26.6

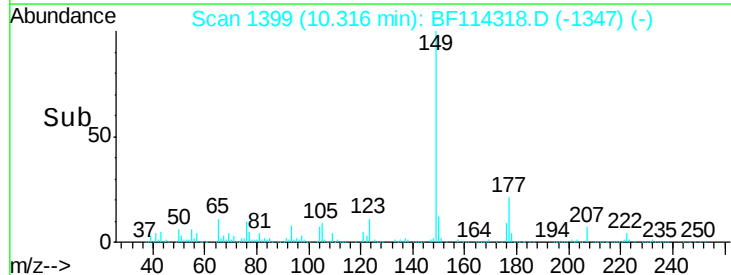
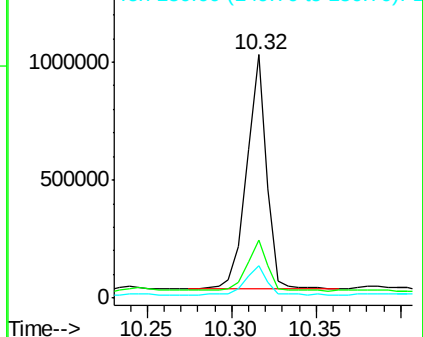
150 13.2 10.2 15.2

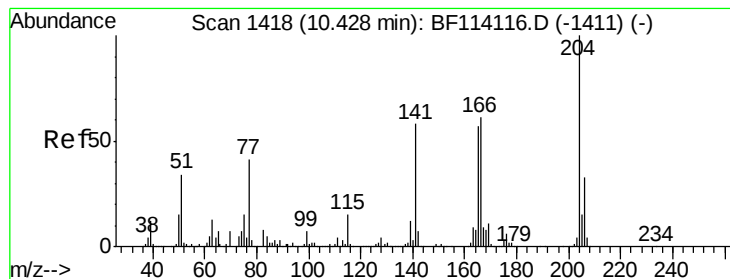


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.934 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

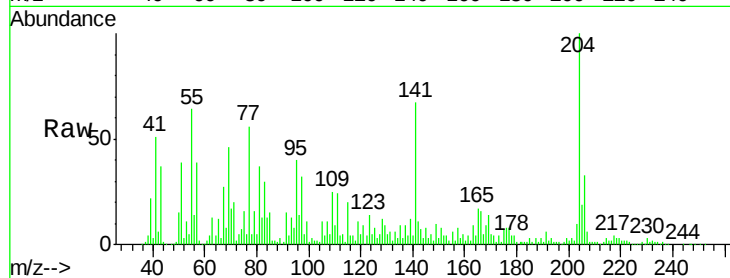
Tot Ion:204 Resp: 396002

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

141 67.3 46.4 69.6

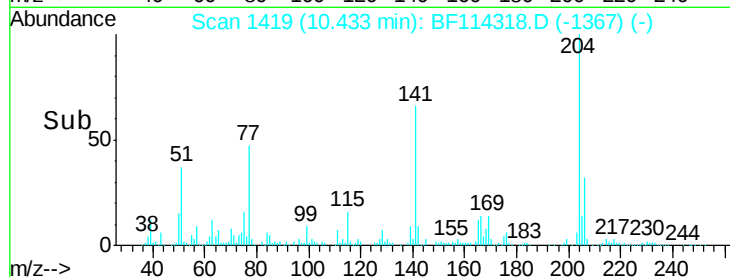


Abundance Ion 204.00 (203.70 to 204.70): E

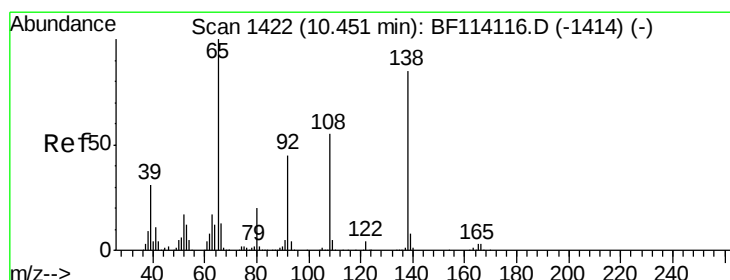
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#62

4-Nitroaniline

Concen: 30.275 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

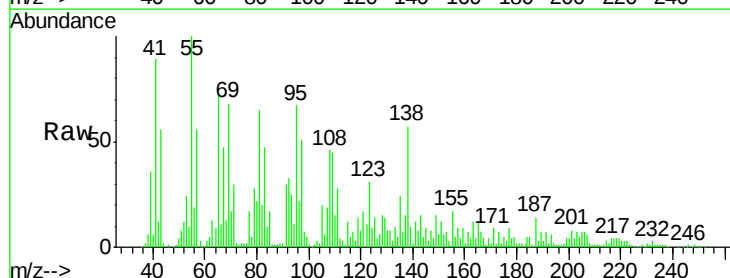
Tgt Ion:138 Resp: 188893

Ion Ratio Lower Upper

138 100

92 57.7 33.0 73.0

108 81.1 44.9 84.9

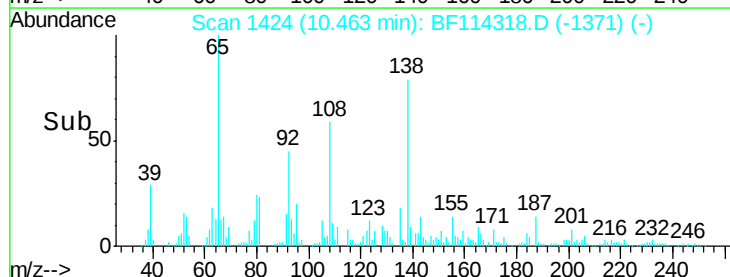


Abundance Ion 138.00 (137.70 to 138.70): E

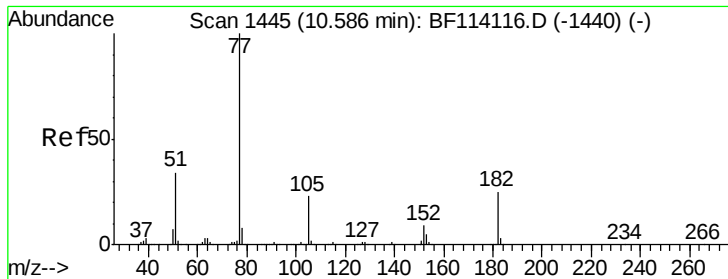
Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

Time-->



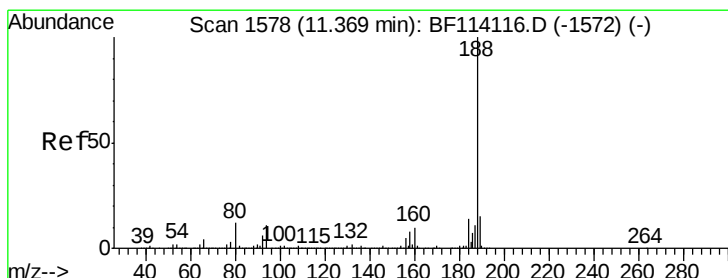
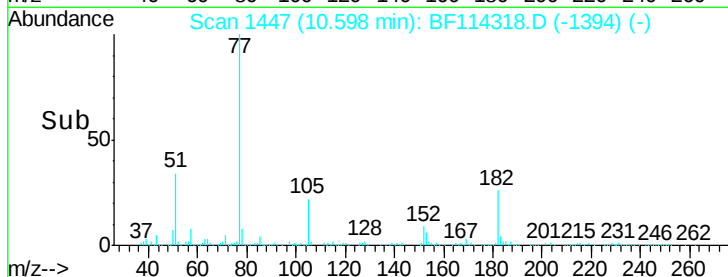
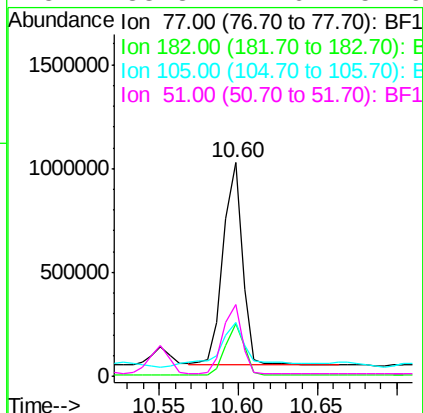
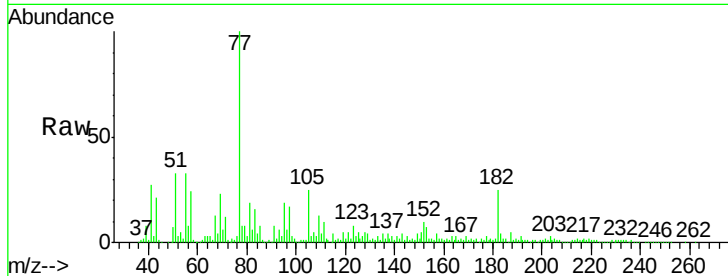
Time-->



#63
Azobenzene
Concen: 38.980 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

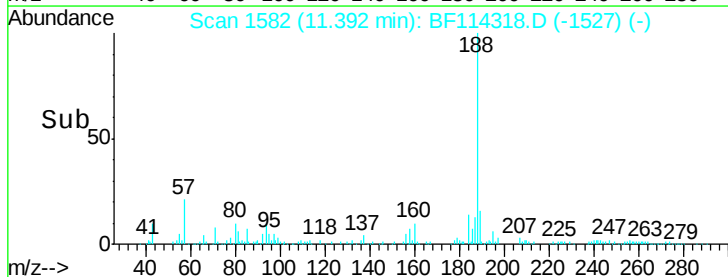
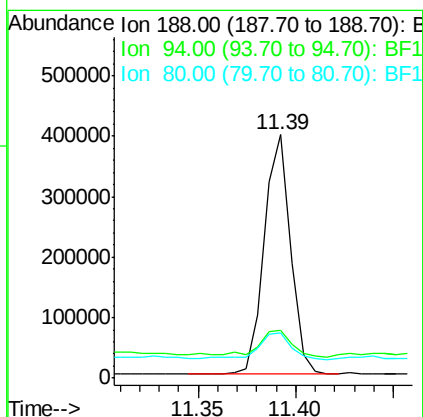
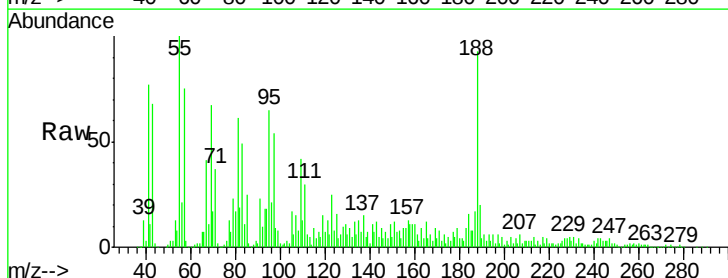
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

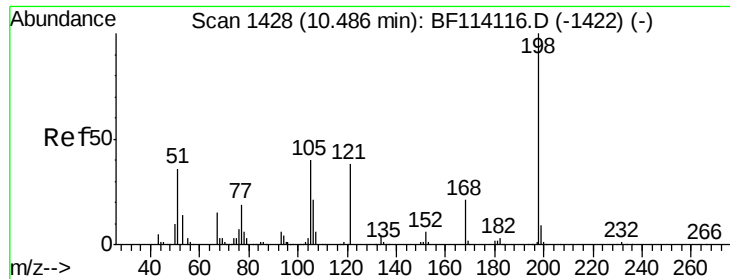
Tot Ion:	77	Resp:	826724
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.7	44.7
105	25.4	2.9	42.9
51	33.3	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:	188	Resp:	369692
Ion	Ratio	Lower	Upper
188	100		
94	19.7	8.4	12.6#
80	18.7	9.2	13.8#

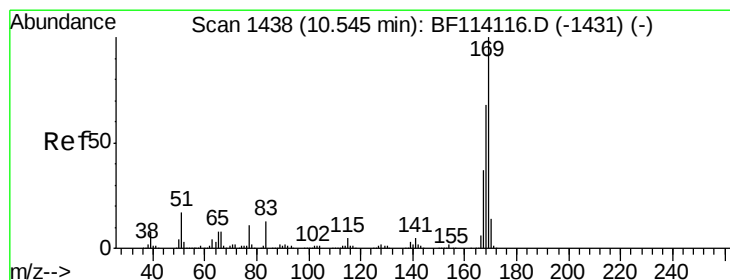
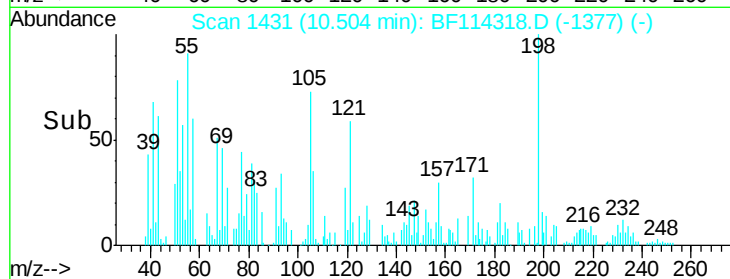
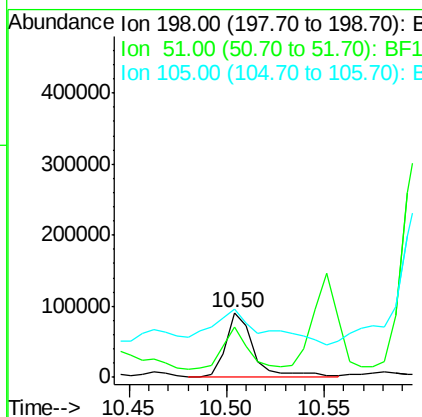
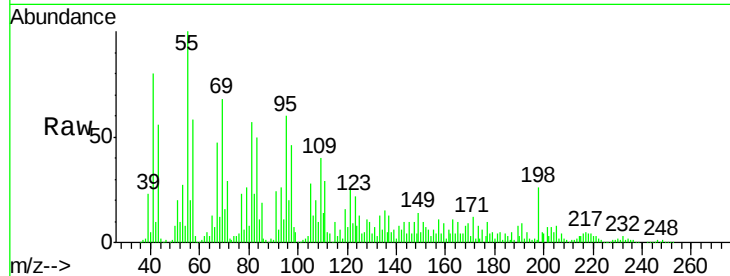




#65
4,6-Dinitro-2-methylphenol
Concen: 49.202 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

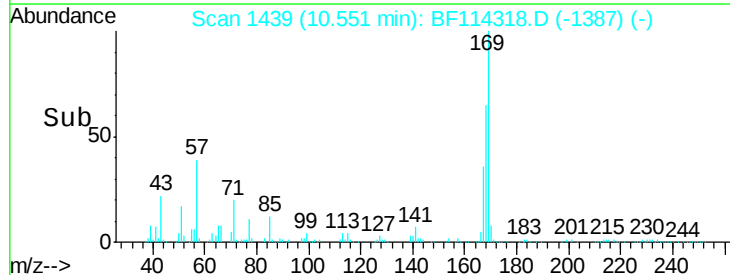
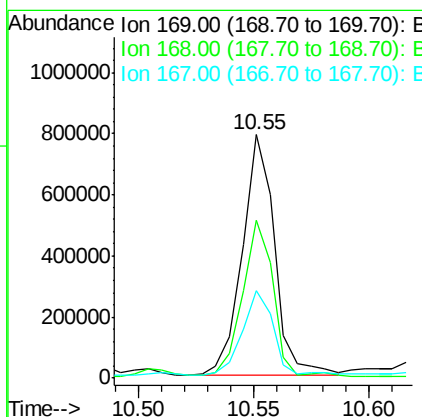
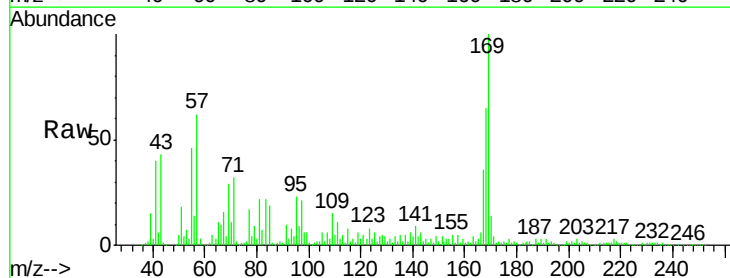
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

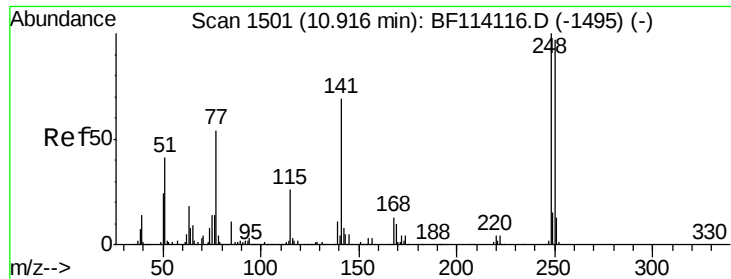
Tot Ion:198 Resp: 87404
Ion Ratio Lower Upper
198 100
51 77.5 28.0 68.0#
105 105.7 21.1 61.1#



#66
n-Nitrosodiphenylamine
Concen: 69.333 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:169 Resp: 777934
Ion Ratio Lower Upper
169 100
168 65.0 54.2 81.2
167 35.7 29.8 44.8

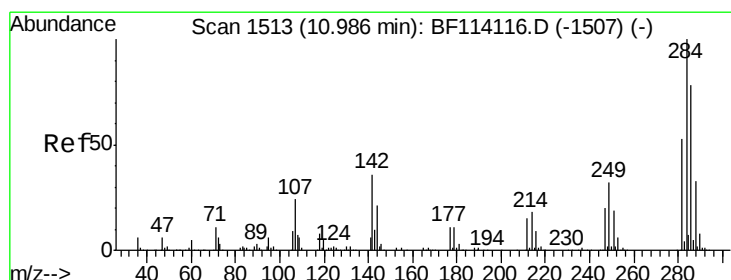
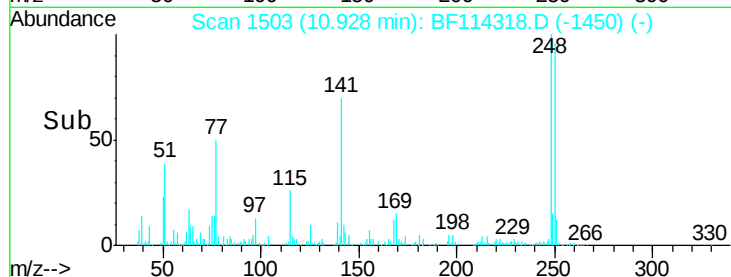
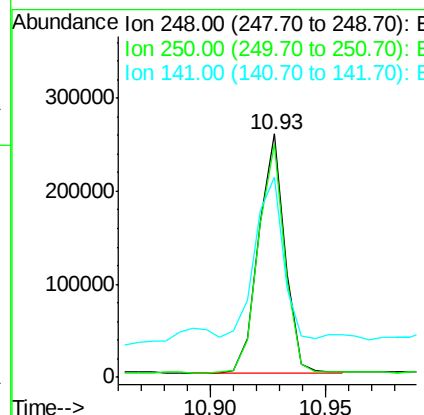
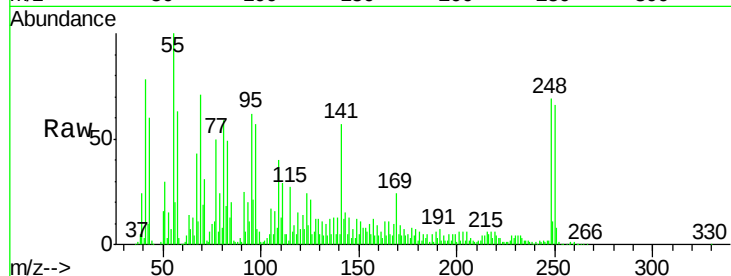




#67
4-Bromophenyl-phenylether
Concen: 50.222 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

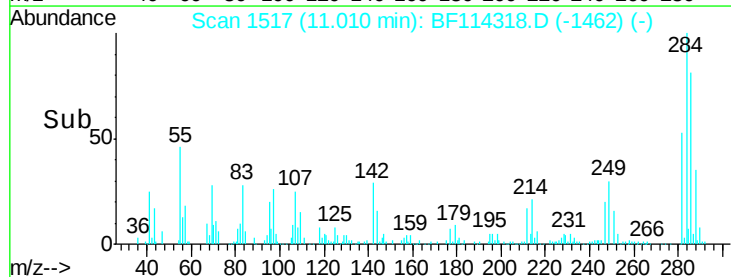
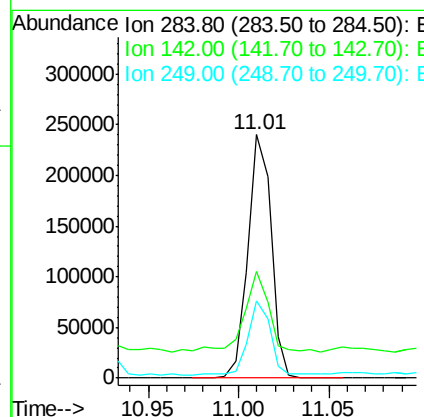
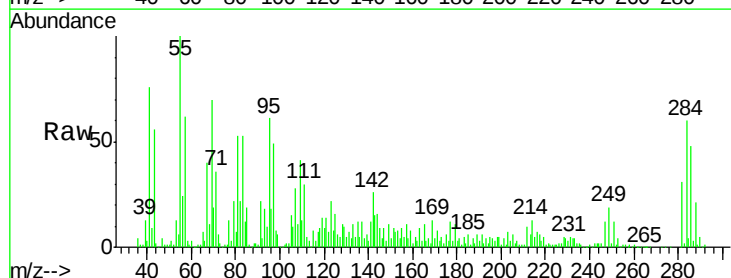
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

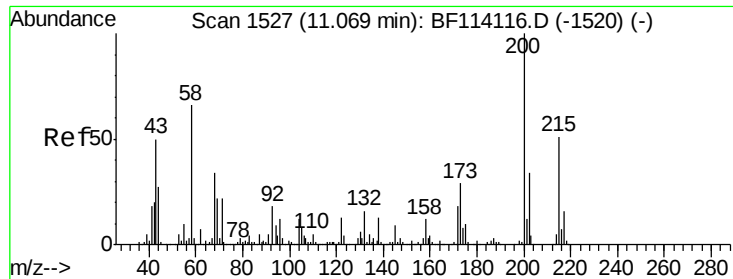
Tot Ion:248 Resp: 204428
Ion Ratio Lower Upper
248 100
250 95.9 77.4 116.2
141 82.3 55.6 83.4



#68
Hexachlorobenzene
Concen: 47.739 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:284 Resp: 214969
Ion Ratio Lower Upper
284 100
142 43.8 28.4 42.6#
249 31.7 25.2 37.8





#69

Atrazine

Concen: 53.120 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

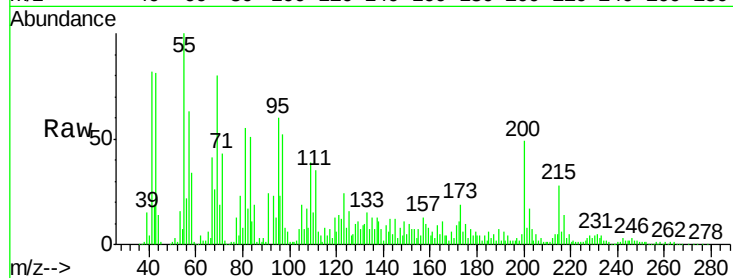
Tot Ion:200 Resp: 185480

Ion Ratio Lower Upper

200 100

173 37.6 8.9 48.9

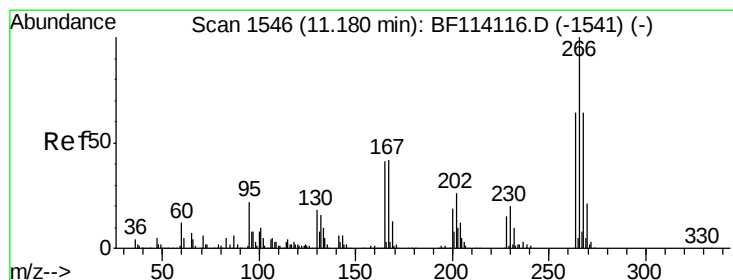
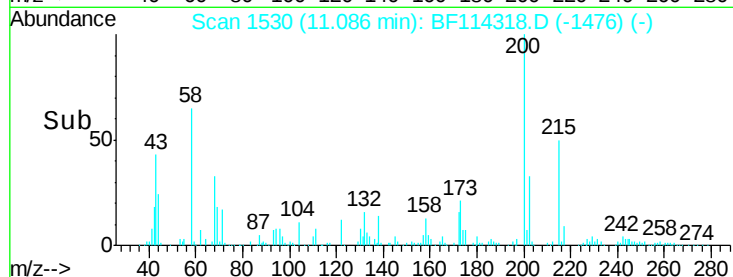
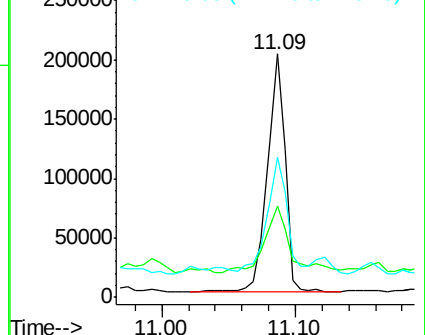
215 57.6 30.7 70.7



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: 75.888 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

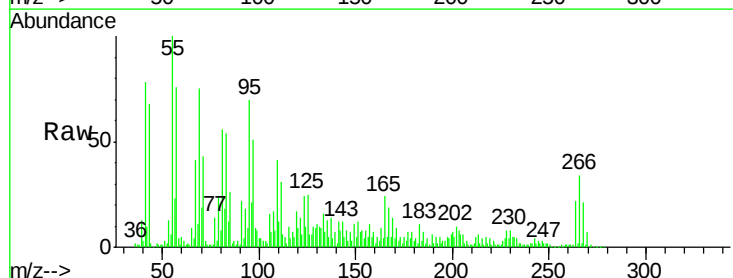
Tgt Ion:266 Resp: 161992

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

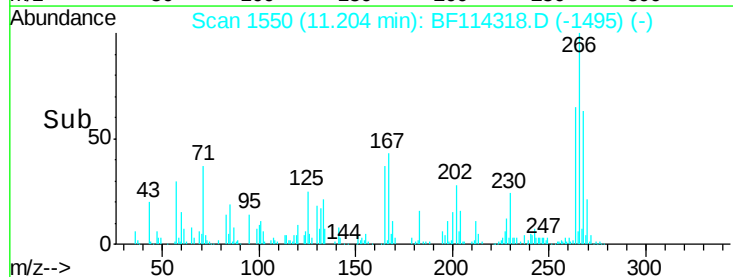
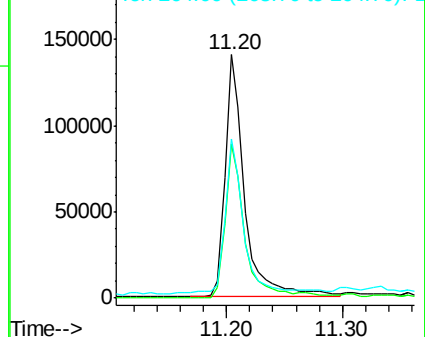
264 65.4 51.1 76.7

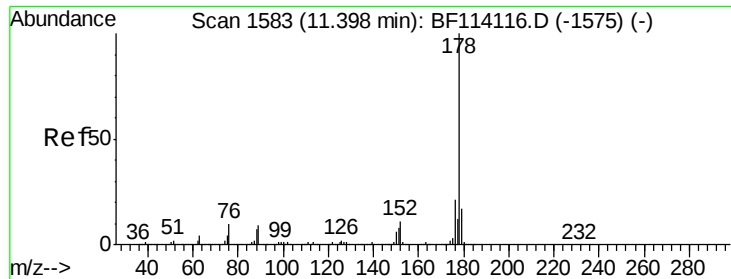


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.955 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

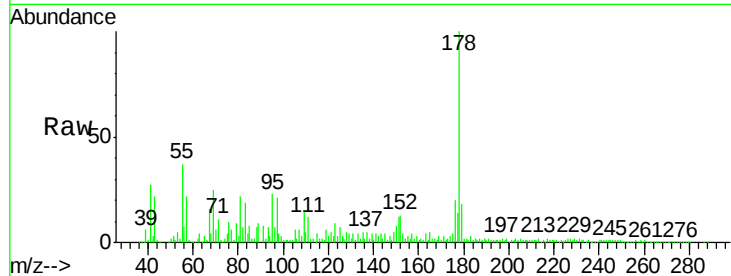
Tot Ion:178 Resp: 970435

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

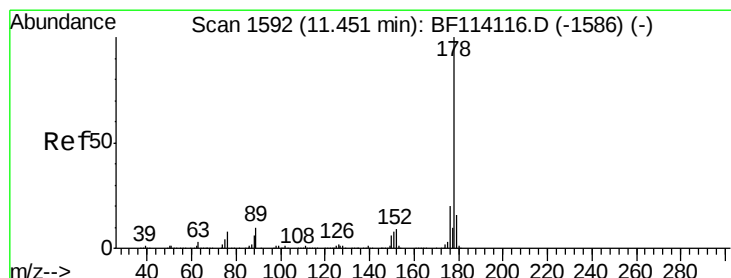
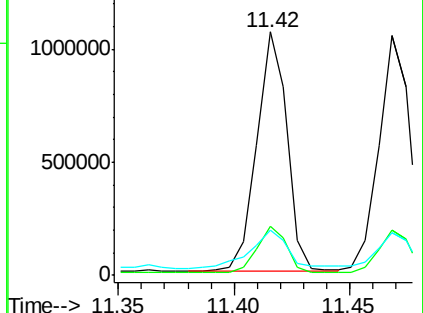
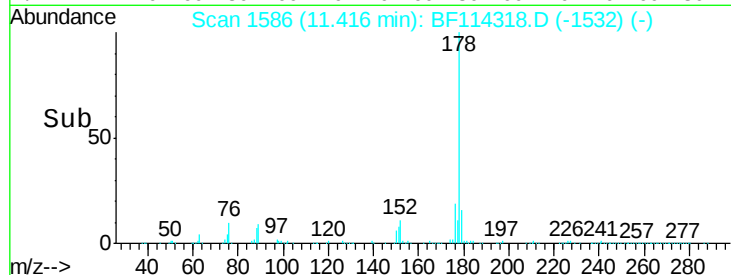
179 18.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.205 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

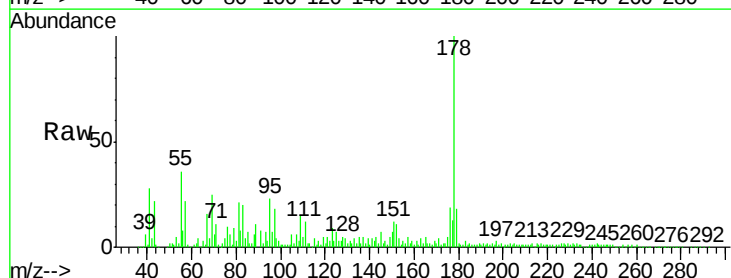
Tgt Ion:178 Resp: 943102

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

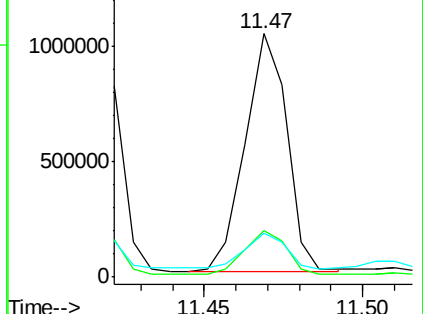
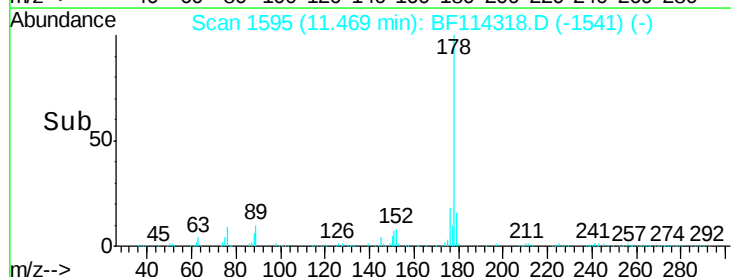
179 18.0 13.0 19.4

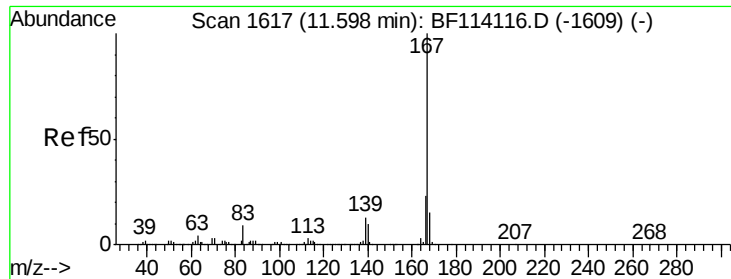


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

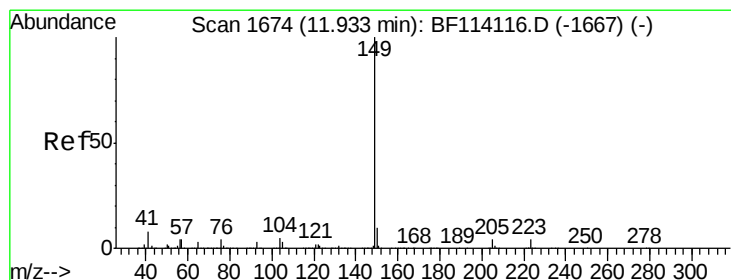
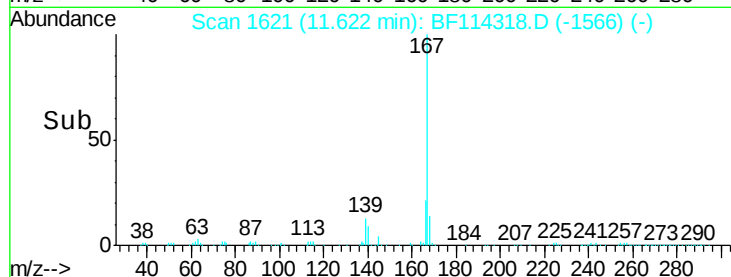
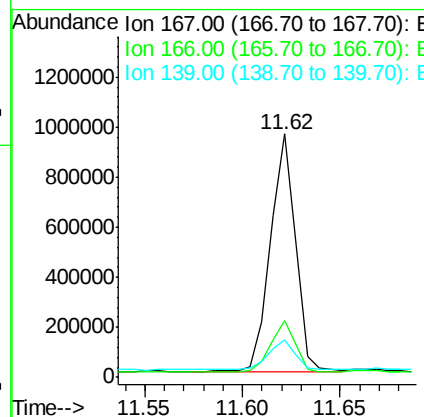
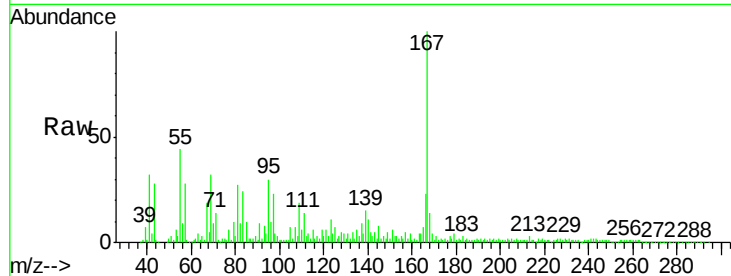




#73
 Carbazole
 Concen: 48.967 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.02 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

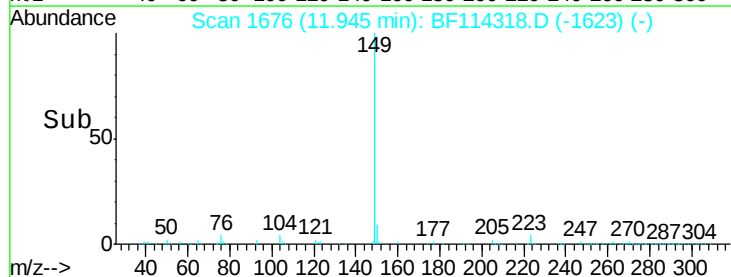
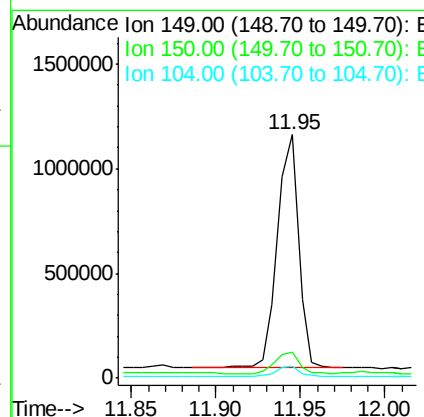
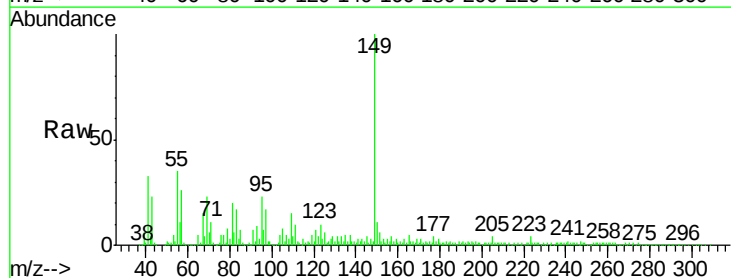
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MS

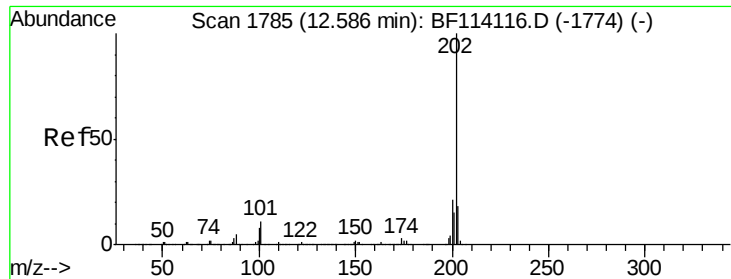
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.2
139	15.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 49.369 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF114318.D
 Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.7	11.5
104	4.8	3.6	5.4





#75

Fluoranthene

Concen: 52.829 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

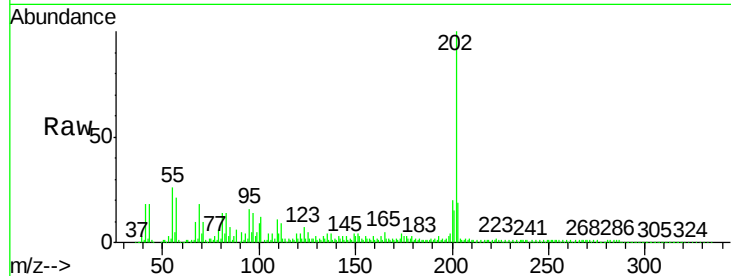
Tot Ion:202 Resp: 1023226

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.0

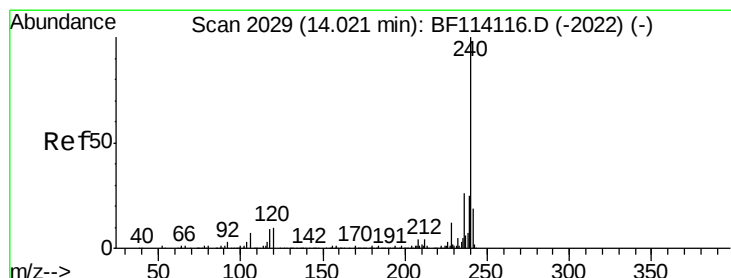
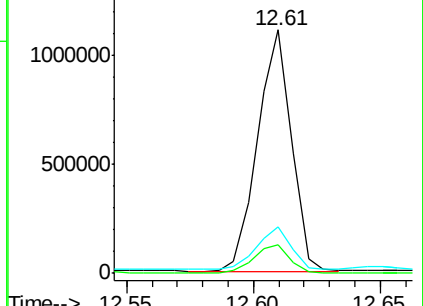
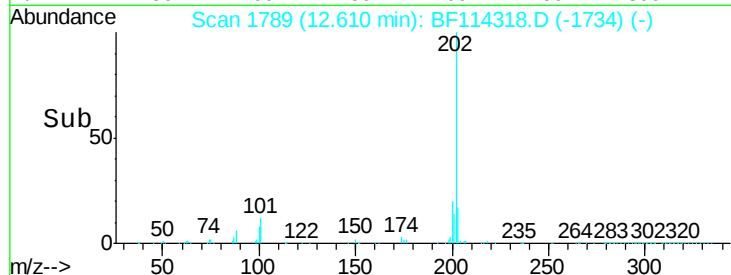
203 19.0 0.0 38.4



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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

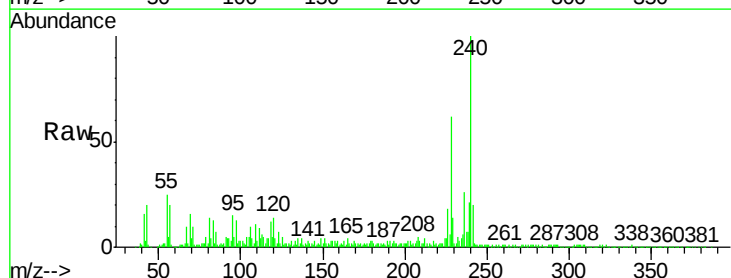
Tgt Ion:240 Resp: 356338

Ion Ratio Lower Upper

240 100

120 14.0 8.3 12.5#

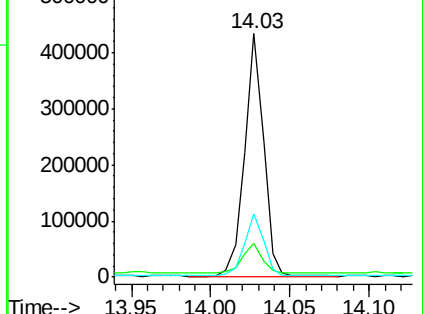
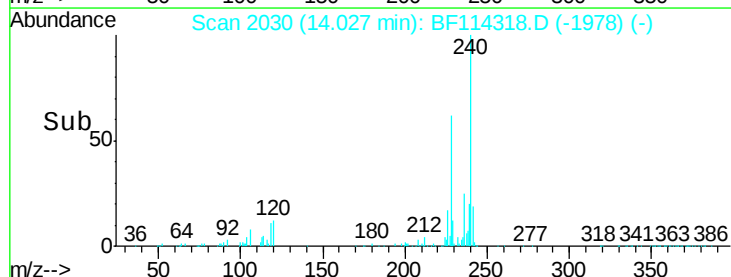
236 26.1 20.8 31.2

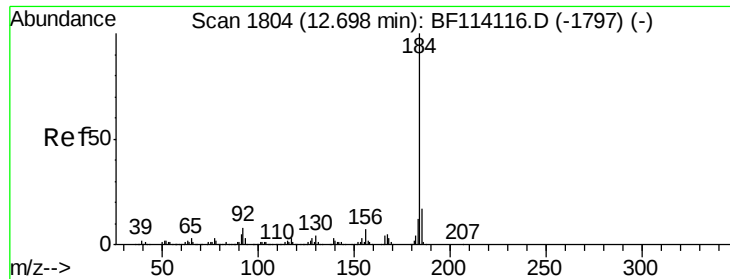


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.743 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

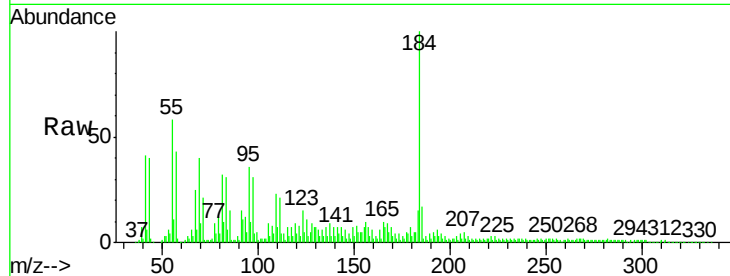
Tot Ion:184 Resp: 555728

Ion Ratio Lower Upper

184 100

185 17.2 13.6 20.4

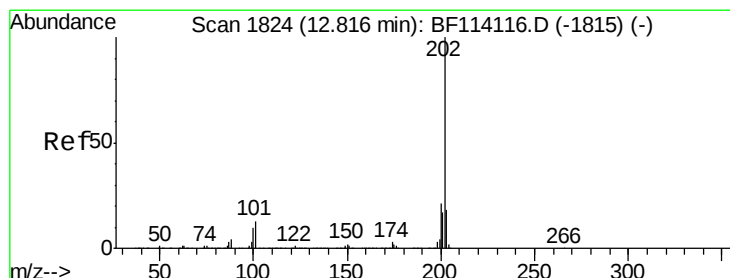
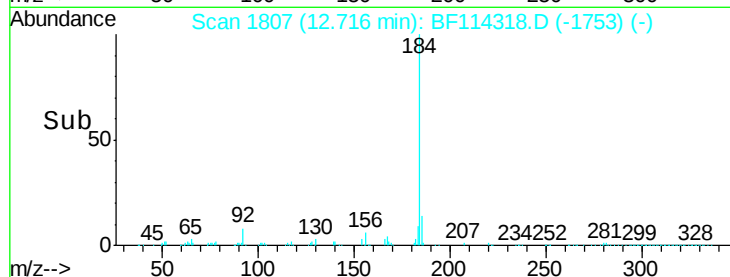
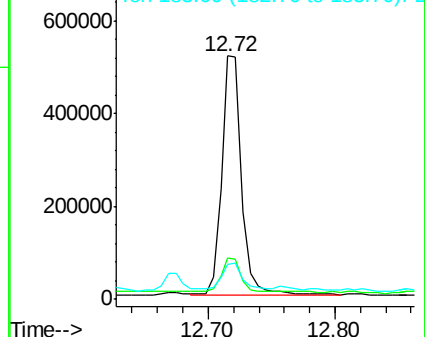
183 14.6 9.2 13.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.279 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

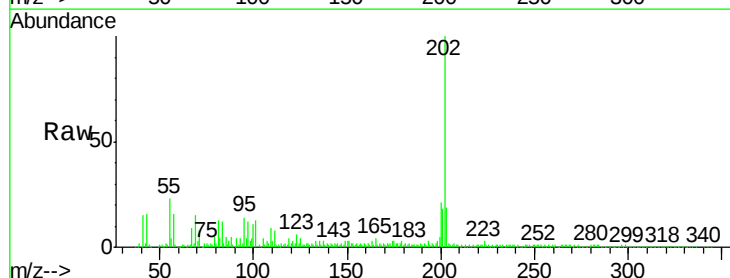
Tgt Ion:202 Resp: 1068613

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

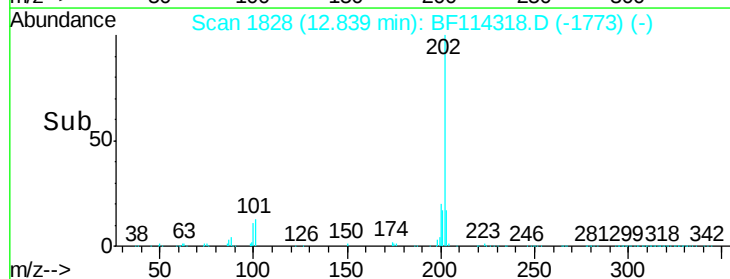
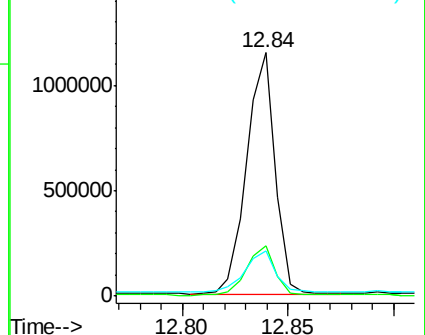
203 18.7 14.5 21.7

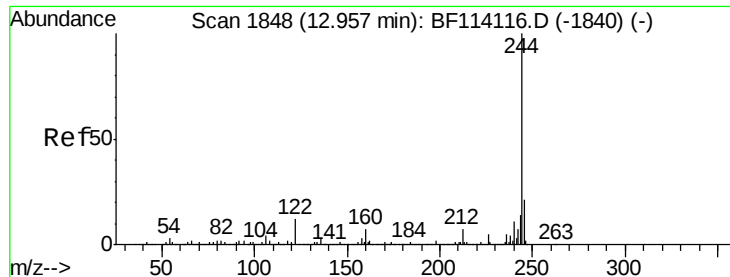


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.651 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

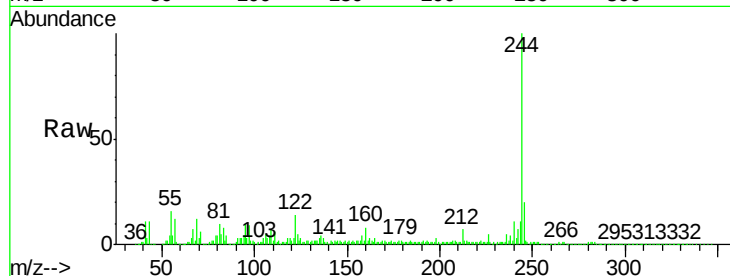
Tot Ion:244 Resp: 1255843

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

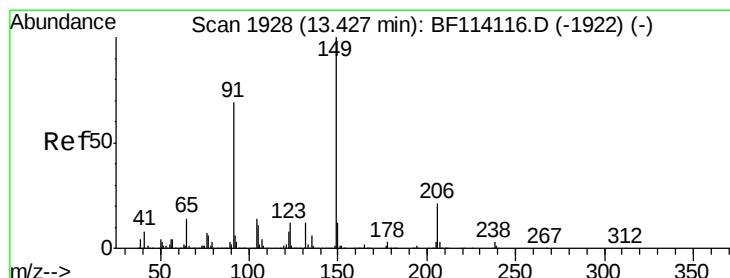
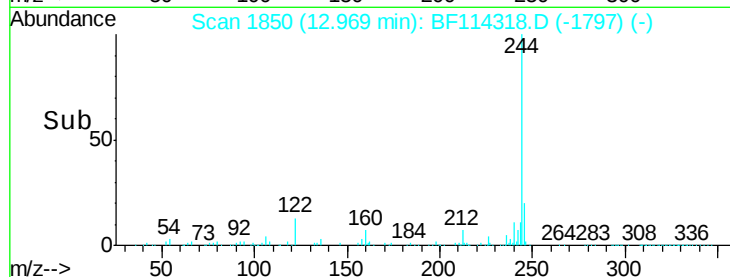
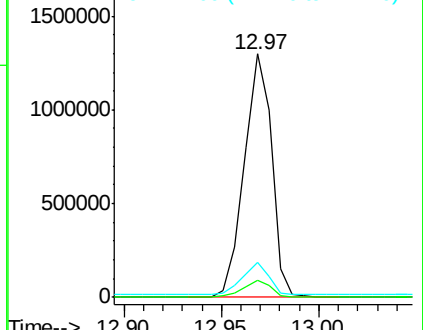
122 14.2 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.002 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

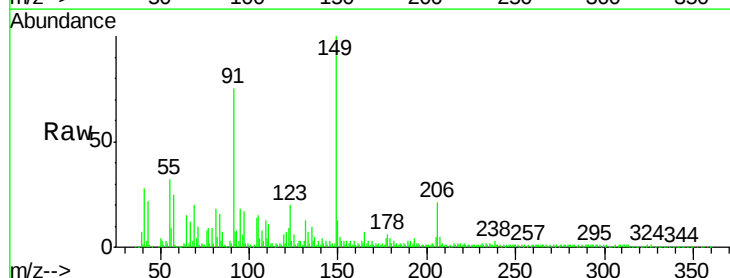
Tgt Ion:149 Resp: 482646

Ion Ratio Lower Upper

149 100

91 75.1 55.0 82.4

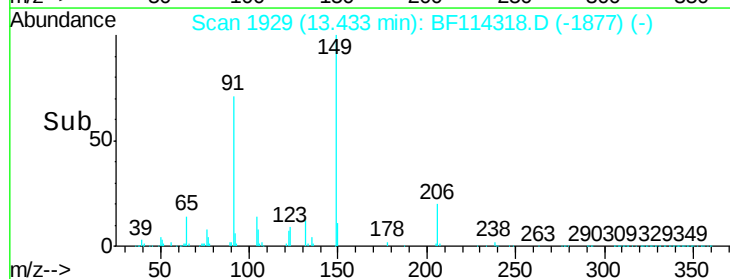
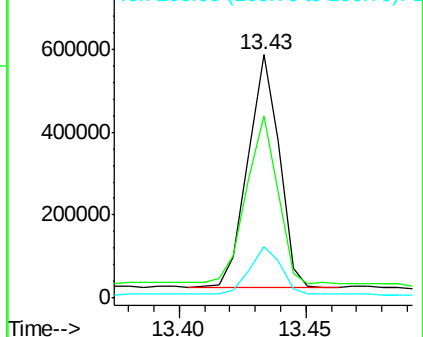
206 21.1 16.9 25.3

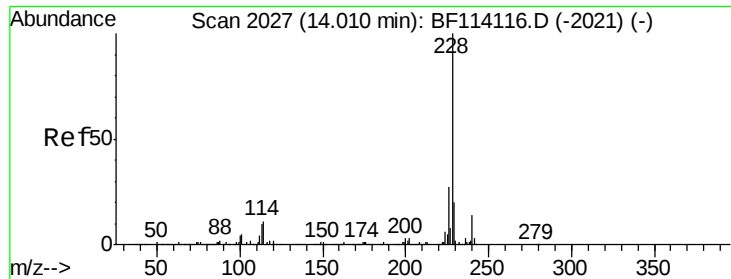


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.222 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

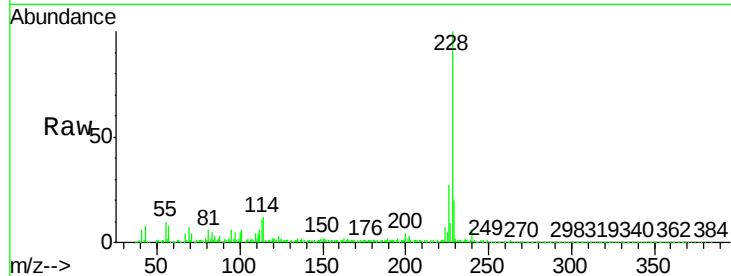
Tot Ion:228 Resp: 1111402

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

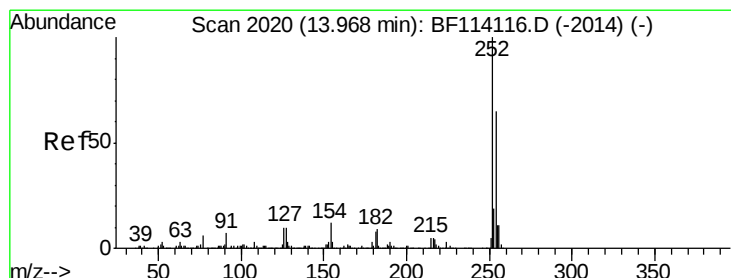
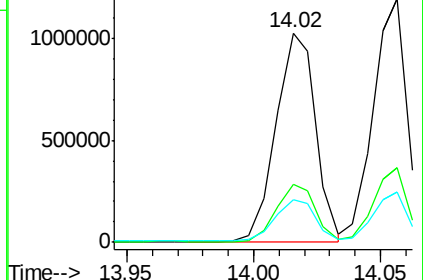
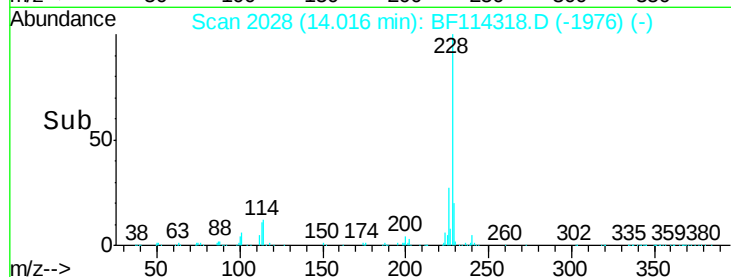
229 20.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.674 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

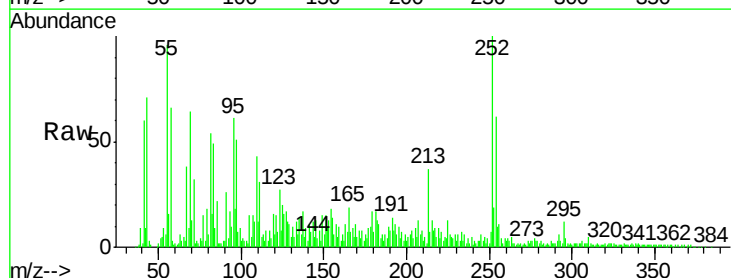
Tgt Ion:252 Resp: 113319

Ion Ratio Lower Upper

252 100

254 62.2 51.9 77.9

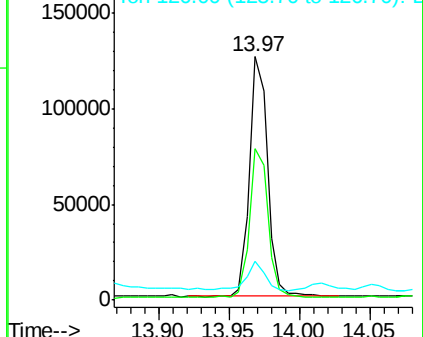
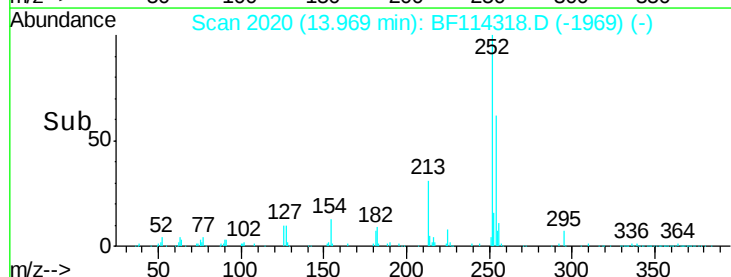
126 15.8 7.9 11.9#

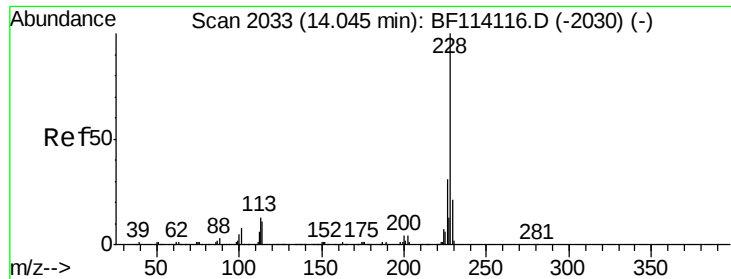


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 48.981 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

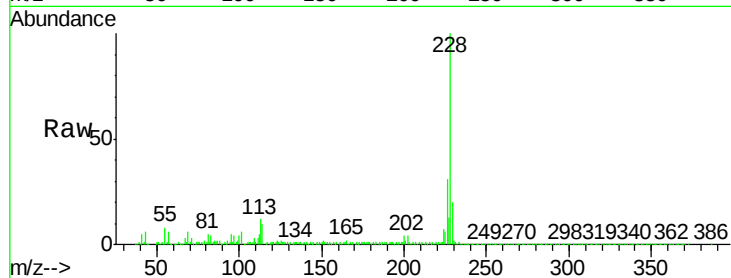
Tot Ion:228 Resp: 1106653

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

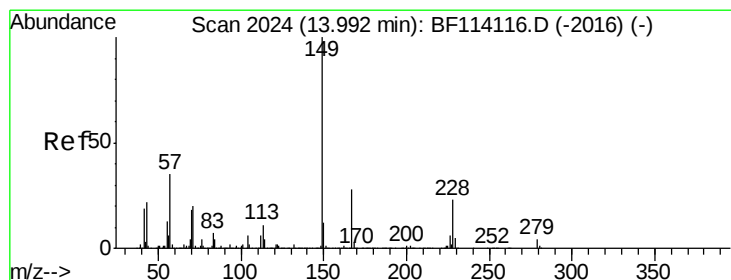
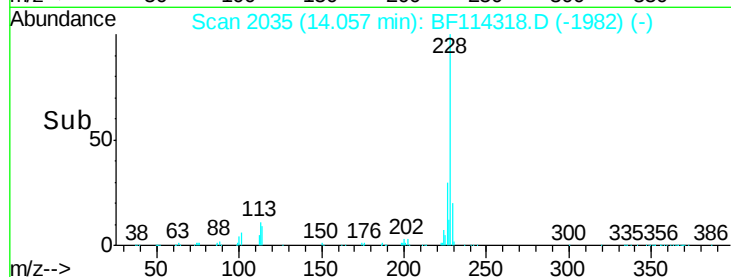
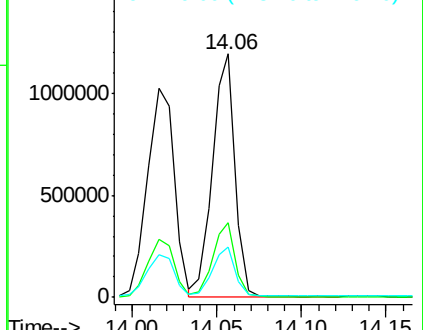
229 20.5 17.0 25.6



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: 45.912 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

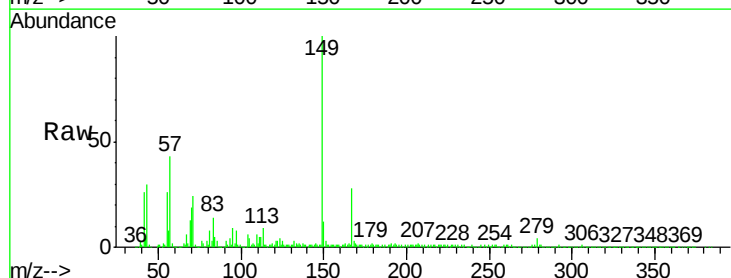
Tgt Ion:149 Resp: 724506

Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

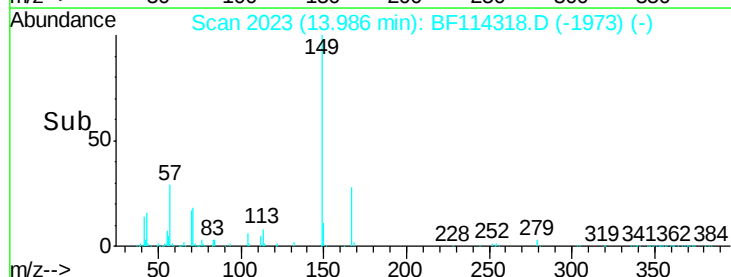
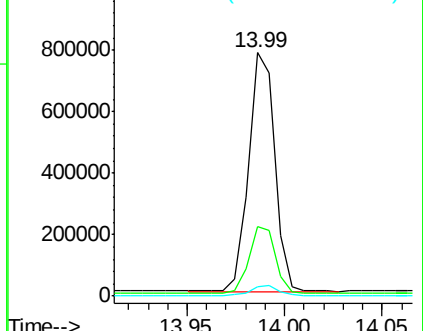
279 3.9 3.0 4.6

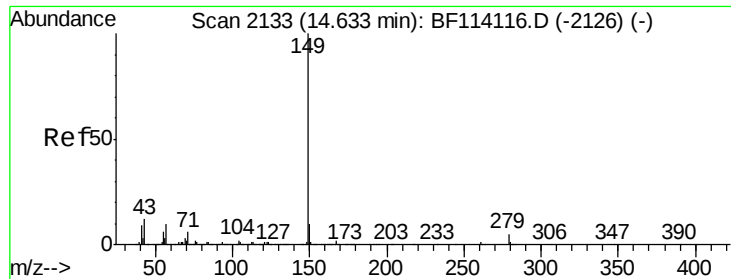


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.899 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MS

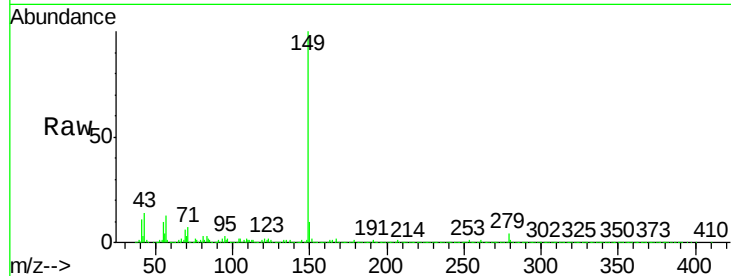
Tot Ion:149 Resp: 1378788

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

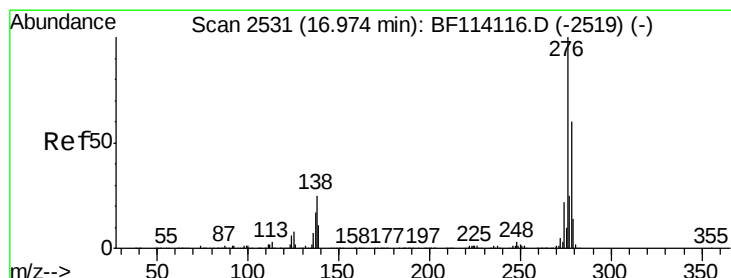
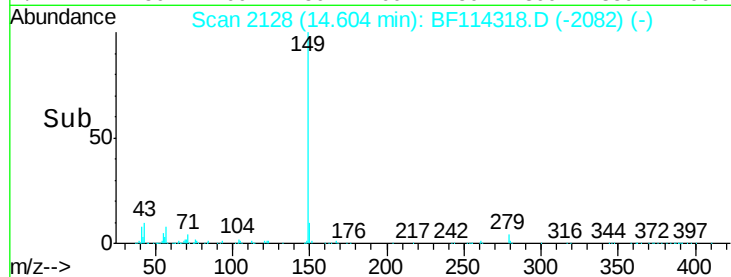
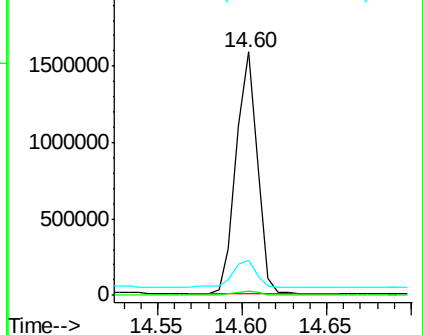
43 12.3 10.1 15.1



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: 86.239 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

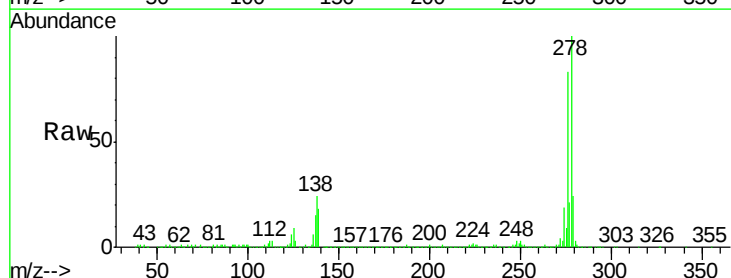
Tgt Ion:276 Resp: 1721974

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

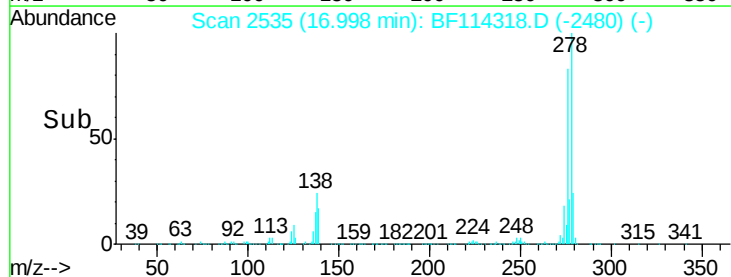
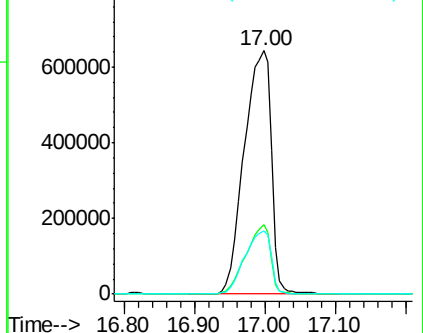
277 25.0 20.0 30.0

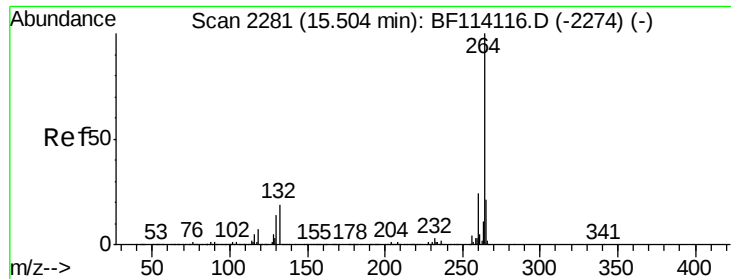


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

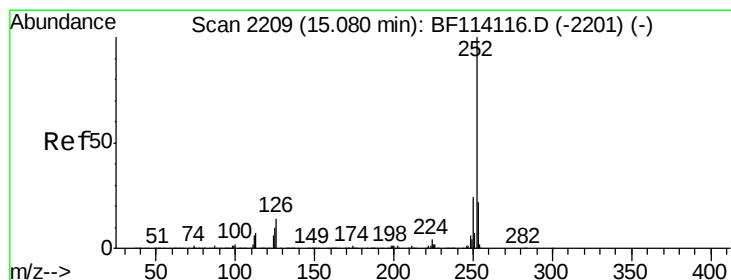
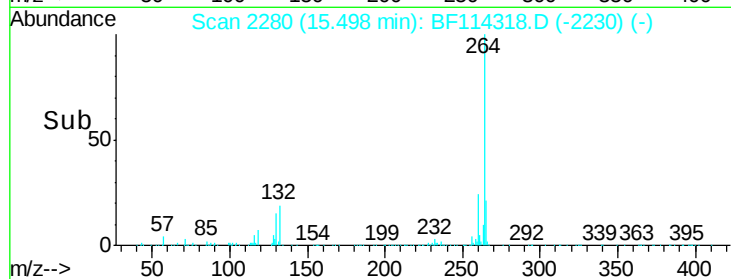
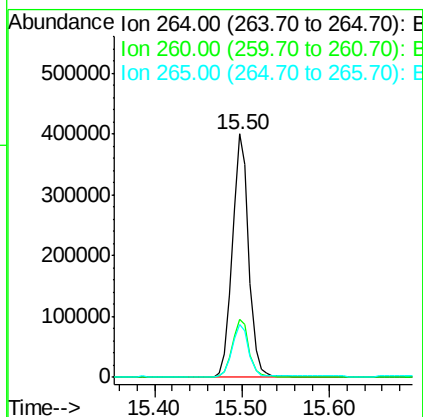
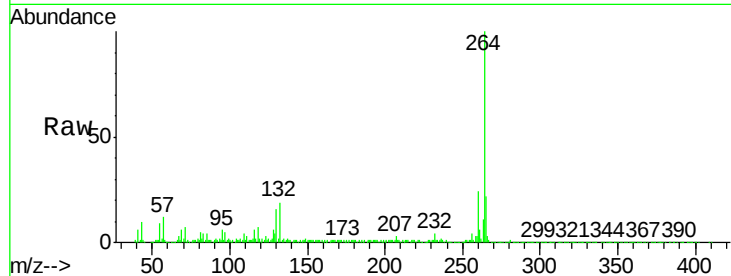




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

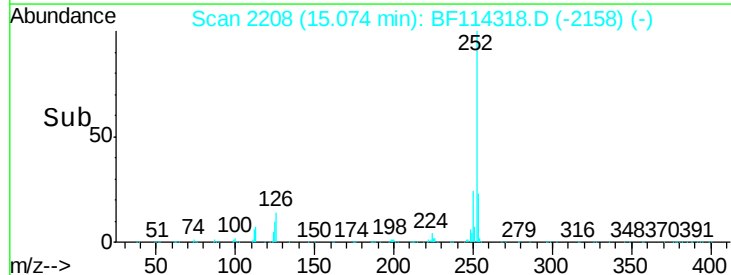
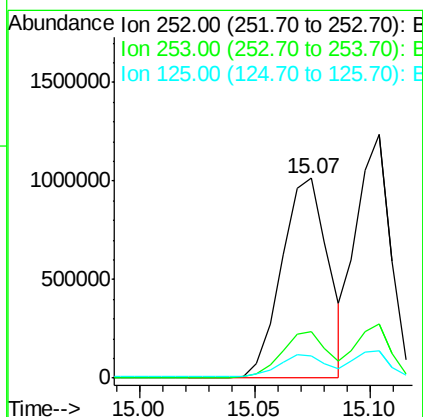
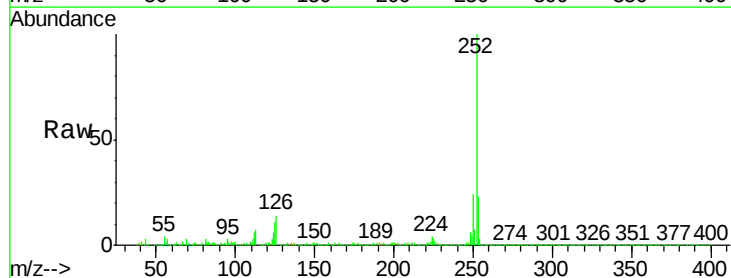
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

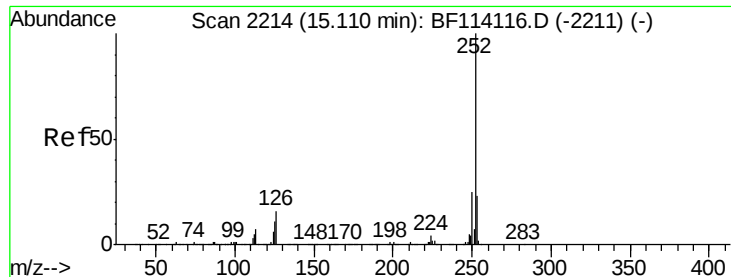
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.6	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 43.455 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.2	8.3	12.5

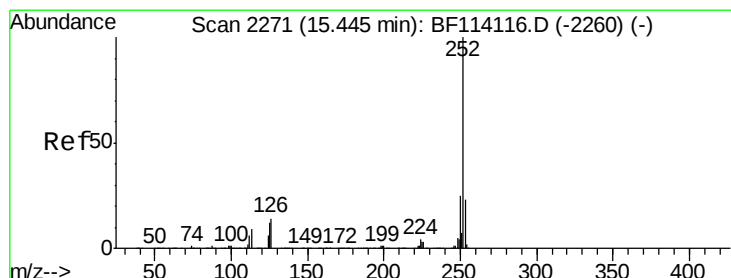
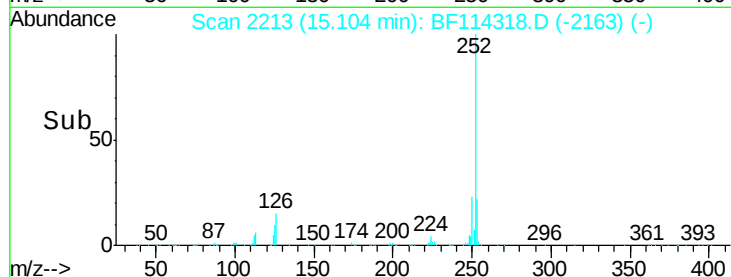
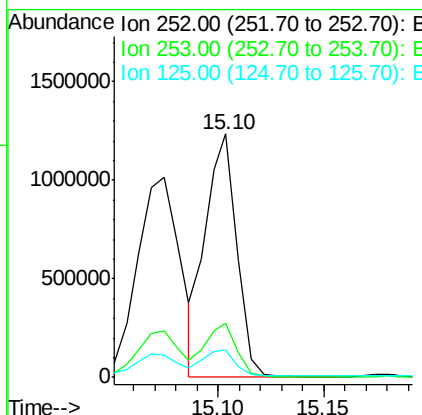
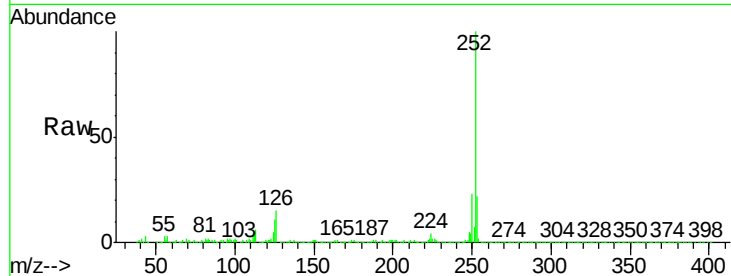




#89
Benzo(k)fluoranthene
Concen: 42.167 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

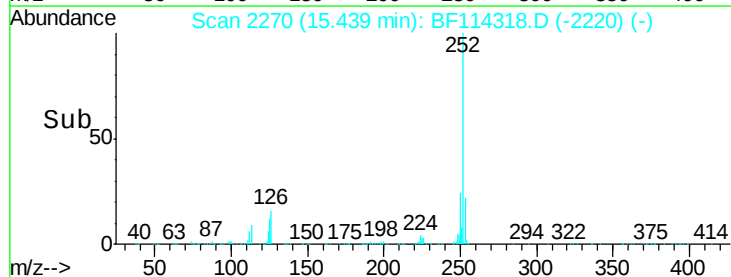
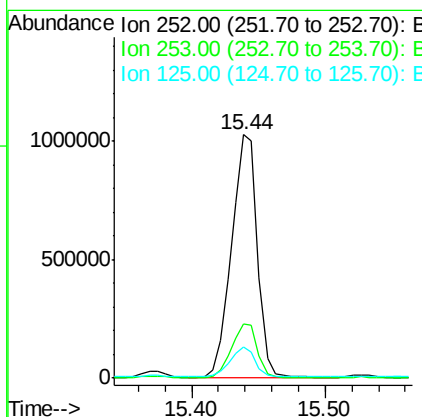
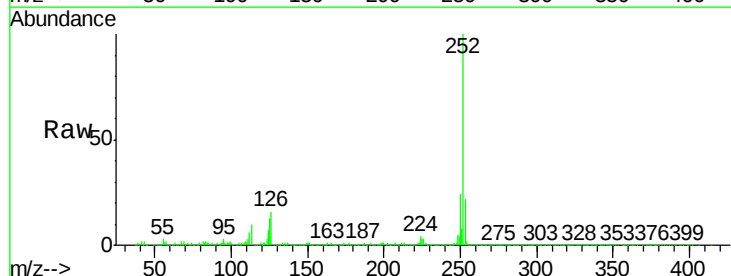
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

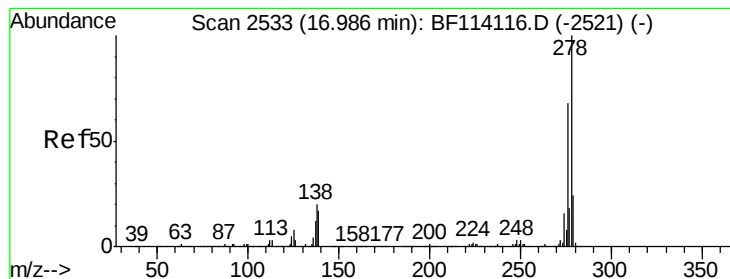
Tot Ion:252 Resp: 1264194
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 48.028 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114318.D
Acq: 16 May 2019 19:20

Tgt Ion:252 Resp: 1379544
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 57.745 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Instrument :

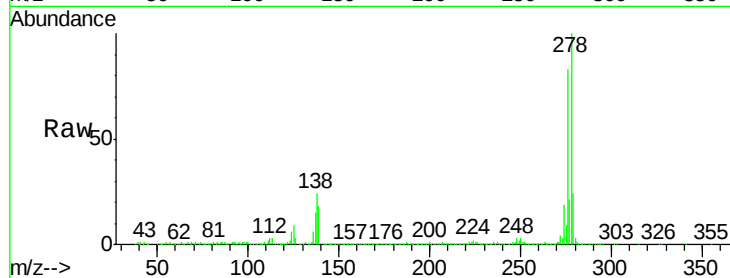
BNA_F

ClientSampleId :

RO-COMP-1MS

Tot Ion:278 Resp: 1378268

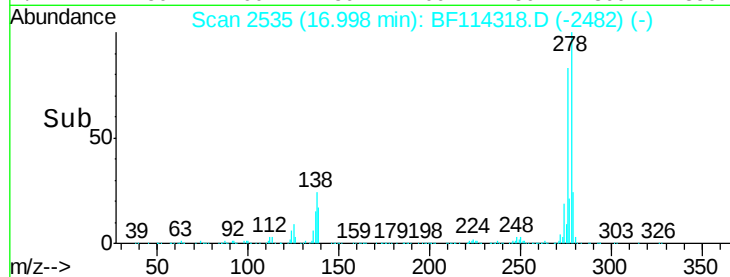
Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	24.2	19.0	28.6



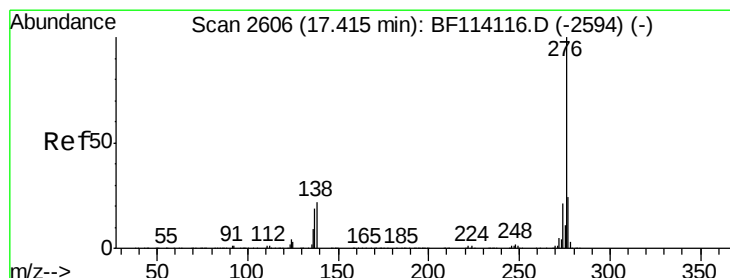
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 16.80 16.90 17.00 17.10



#92

Benzo(g,h,i)perylene

Concen: 63.744 ng

RT: 17.44 min Scan# 2610

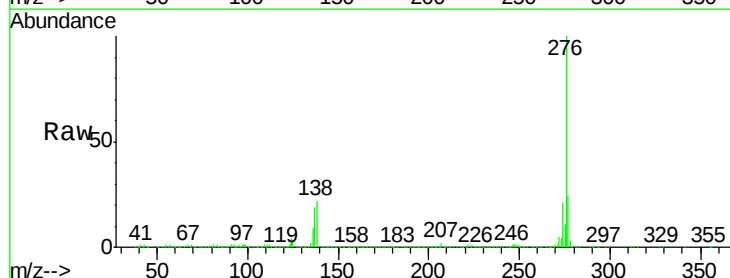
Delta R.T. 0.02 min

Lab File: BF114318.D

Acq: 16 May 2019 19:20

Tgt Ion:276 Resp: 1524720

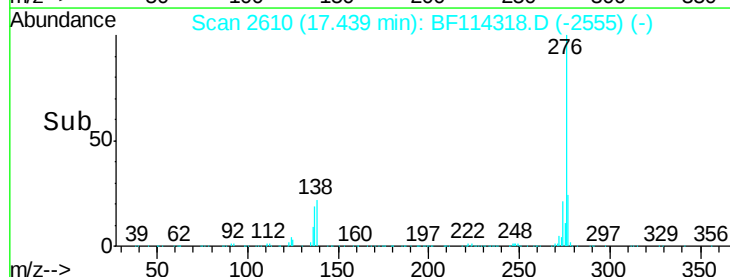
Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.8	17.8	26.6



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



Time--> 17.30 17.40 17.50 17.60