

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114319.D
 Acq On : 16 May 2019 19:46
 Operator : JU/SJ
 Sample : K2866-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Quant Time: May 17 08:05:16 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	227923	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	849055	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	315167	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	411905	20.00	ng	0.02
76) Chrysene-d12	14.03	240	367264	20.00	ng	0.00
87) Perylene-d12	15.50	264	521952	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1511051	106.69	ng	0.00
7) Phenol-d6	6.50	99	1954458	116.68	ng	0.01
23) Nitrobenzene-d5	7.42	82	1190833	78.71	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	312543	95.92	ng	0.02
45) 2-Fluorobiphenyl	9.21	172	1831706	87.91	ng	0.00
79) Terphenyl-d14	12.97	244	1151986	64.66	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	216483	27.808	ng	98
3) Pyridine	3.39	79	600115	27.979	ng	96
4) n-Nitrosodimethylamine	3.33	42	327364	31.650	ng	93
6) Aniline	6.52	93	642475	26.551	ng	# 12
8) 2-Chlorophenol	6.65	128	592798	39.206	ng	95
9) Benzaldehyde	6.40	77	441602	37.657	ng	99
10) Phenol	6.52	94	735276	37.313	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	587079	39.242	ng	98
12) 1,3-Dichlorobenzene	6.79	146	599996	35.351	ng	99
13) 1,4-Dichlorobenzene	6.87	146	609418	35.633	ng	97
14) 1,2-Dichlorobenzene	7.02	146	565490	36.191	ng	99
15) Benzyl Alcohol	7.00	79	497655	38.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1051868	36.262	ng	84
17) 2-Methylphenol	7.12	107	474798	38.227	ng	# 93
18) Hexachloroethane	7.36	117	230615	35.923	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	403454	37.998	ng	97
20) 3+4-Methylphenols	7.27	107	602663	41.997	ng	# 62
22) Acetophenone	7.26	105	797668	42.408	ng	# 90
24) Nitrobenzene	7.43	77	621507	40.333	ng	98
25) Isophorone	7.67	82	1130242	40.281	ng	98
26) 2-Nitrophenol	7.75	139	318325	42.580	ng	99
27) 2,4-Dimethylphenol	7.79	122	525312	44.739	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	719236	39.506	ng	99
29) 2,4-Dichlorophenol	8.00	162	485388	41.515	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	492674	37.056	ng	99
31) Naphthalene	8.16	128	1645106	41.479	ng	98
32) Benzoic acid	7.90	122	150356	22.353	ng	96
33) 4-Chloroaniline	8.20	127	327379	18.114	ng	99
34) Hexachlorobutadiene	8.27	225	270463	35.753	ng	99
35) Caprolactam	8.57	113	129597	33.993	ng	# 82
36) 4-Chloro-3-methylphenol	8.70	107	487589	41.430	ng	97
37) 2-Methylnaphthalene	8.85	142	1020366	39.875	ng	99
38) 1-Methylnaphthalene	8.95	142	958746	39.786	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	443830	46.489	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	236817	54.690	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	294611	44.864	nq	100
44) 2,4,5-Trichlorophenol	9.18	196	308669	45.834	nq #	91
46) 1,1'-Biphenyl	9.31	154	1160824	45.592	nq	97
47) 2-Chloronaphthalene	9.34	162	860306	41.985	nq	98
48) 2-Nitroaniline	9.43	65	321692	44.267	nq	98
49) Acenaphthylene	9.76	152	1271303	40.792	nq	97
50) Dimethylphthalate	9.61	163	1171282	50.625	nq	99
51) 2,6-Dinitrotoluene	9.67	165	257992	50.275	nq	98
52) Acenaphthene	9.93	154	714174	37.343	nq	100
53) 3-Nitroaniline	9.85	138	258488	40.578	nq #	89
54) 2,4-Dinitrophenol	9.96	184	92363	39.522	nq	94
55) Dibenzofuran	10.10	168	1057601	37.713	nq	99
56) 4-Nitrophenol	10.03	139	272307	60.447	nq #	79
57) 2,4-Dinitrotoluene	10.09	165	254405	36.526	nq	96
58) Fluorene	10.45	166	751855	34.710	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	177162	30.488	nq #	90
60) Diethylphthalate	10.32	149	774328	32.939	nq	97
61) 4-Chlorophenyl-phenylether	10.43	204	370501	34.826	nq	96
62) 4-Nitroaniline	10.46	138	175121	26.162	nq	86
63) Azobenzene	10.60	77	756564	33.249	nq	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	82294	41.578	nq #	42
66) n-Nitrosodiphenylamine	10.55	169	732499	58.593	nq	97
67) 4-Bromophenyl-phenylether	10.93	248	224203	49.436	nq	95
68) Hexachlorobenzene	11.01	284	206971	41.252	nq	95
69) Atrazine	11.09	200	176780	45.440	nq	87
70) Pentachlorophenol	11.20	266	154275	64.866	nq	99
71) Phenanthrene	11.42	178	907163	45.268	nq	98
72) Anthracene	11.47	178	889978	44.216	nq	98
73) Carbazole	11.62	167	818236	42.630	nq	96
74) Di-n-butylphthalate	11.94	149	940740	42.542	nq	96
75) Fluoranthene	12.60	202	946336	43.852	nq	97
77) Benzidine	12.72	184	512839	31.108	nq #	97
78) Pyrene	12.83	202	986433	33.388	nq	98
80) Butylbenzylphthalate	13.43	149	434857	34.969	nq	98
81) Benzo(a)anthracene	14.02	228	976254	41.098	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	120719	13.100	nq #	98
83) Chrysene	14.05	228	974170	41.835	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	629700	38.717	nq	100
85) Di-n-octyl phthalate	14.60	149	1179800	44.748	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1491377	72.468	nq	99
88) Benzo(b)fluoranthene	15.07	252	1281178	38.314	nq	99
89) Benzo(k)fluoranthene	15.10	252	1032458	33.612	nq	98
90) Benzo(a)pyrene	15.44	252	1190606	40.457	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1200434	49.089	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1301862	53.122	nq	98

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

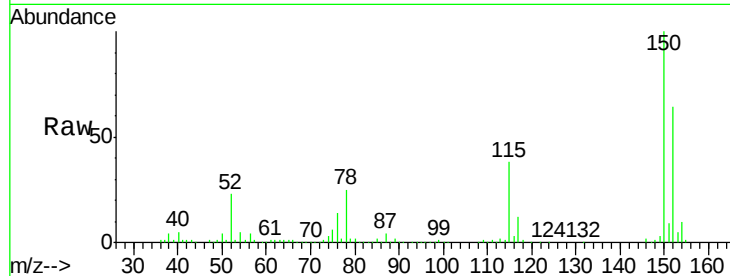


#1

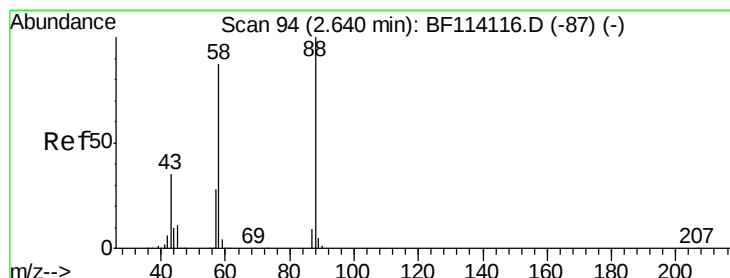
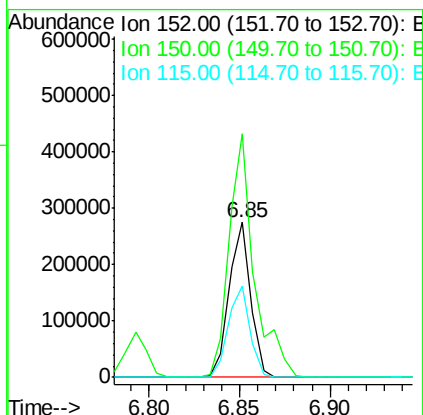
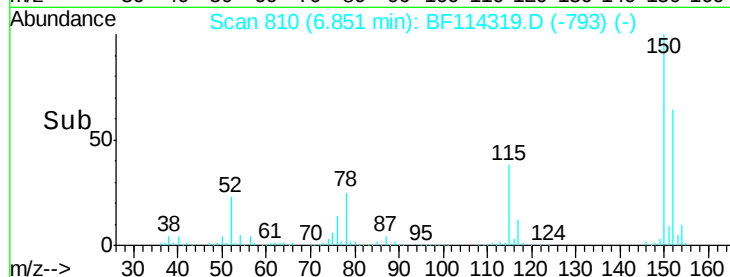
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:152 Resp: 227923
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 58.9 49.1 73.7



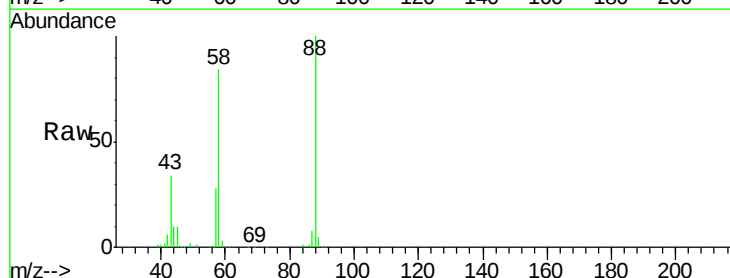
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



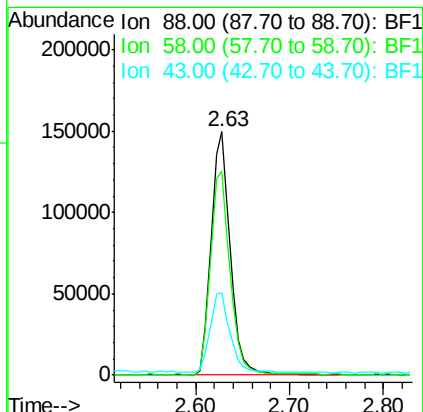
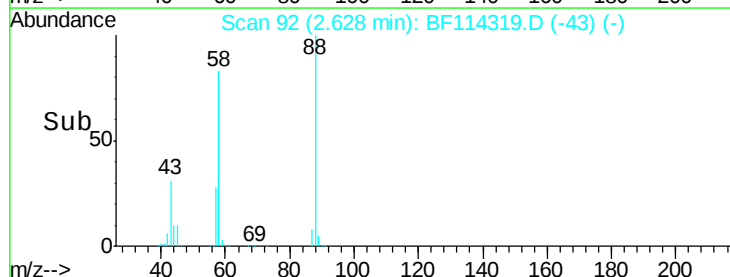
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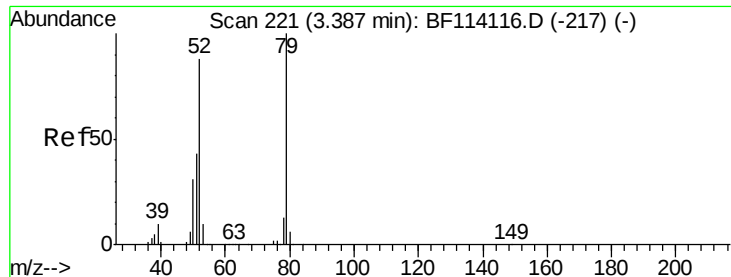
1,4-Dioxane
Concen: 27.808 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion: 88 Resp: 216483
Ion Ratio Lower Upper
88 100
58 84.6 68.7 103.1
43 33.5 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: 27.979 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

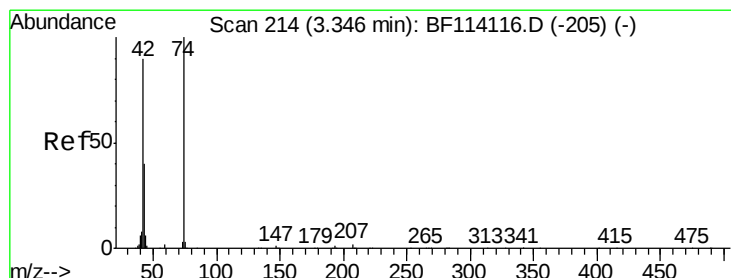
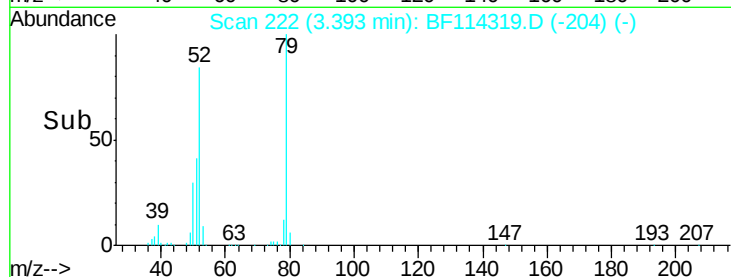
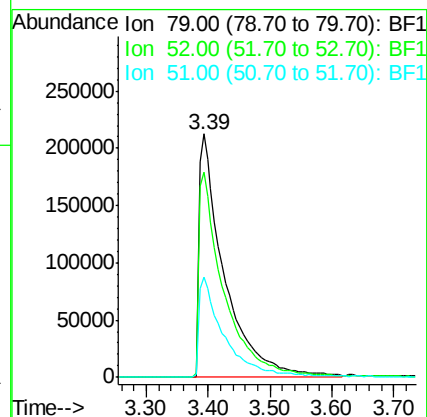
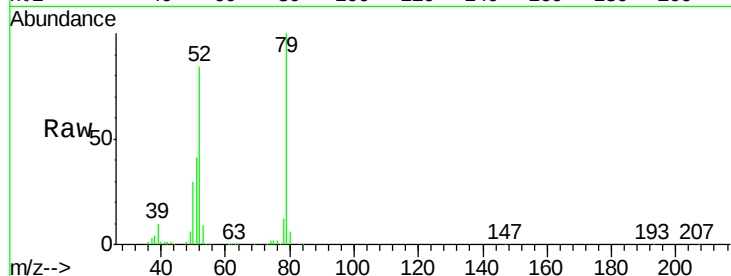
Tot Ion: 79 Resp: 600115

Ion Ratio Lower Upper

79 100

52 84.1 70.6 105.8

51 41.4 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 31.650 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

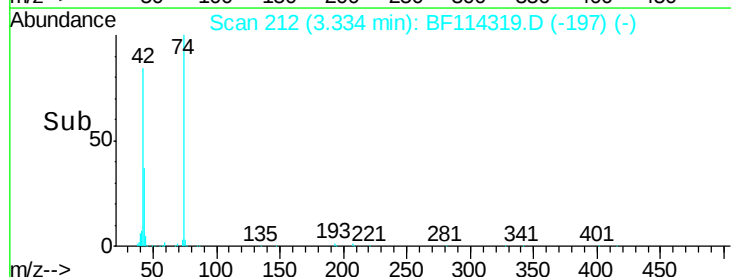
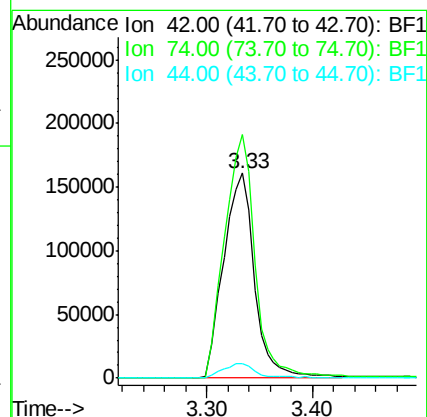
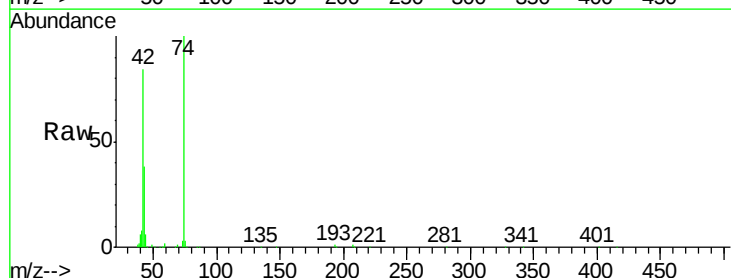
Tgt Ion: 42 Resp: 327364

Ion Ratio Lower Upper

42 100

74 118.9 88.6 132.8

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 106.688 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

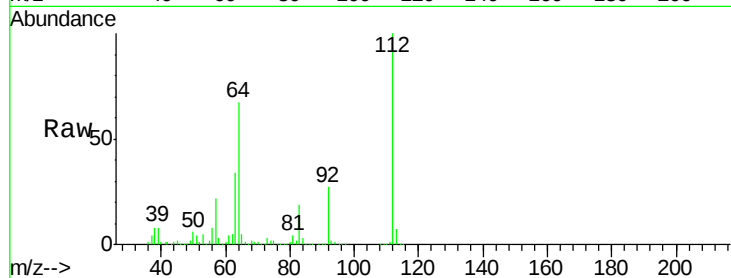
Tot Ion:112 Resp: 1511051

Ion Ratio Lower Upper

112 100

64 67.1 49.0 73.6

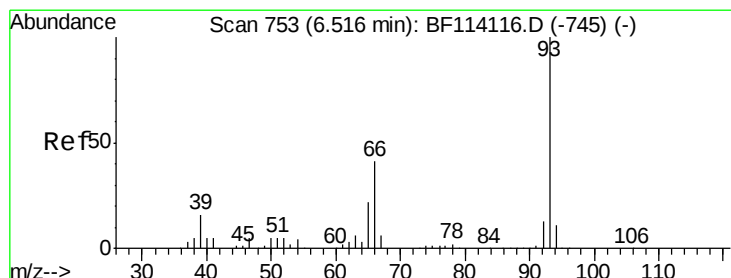
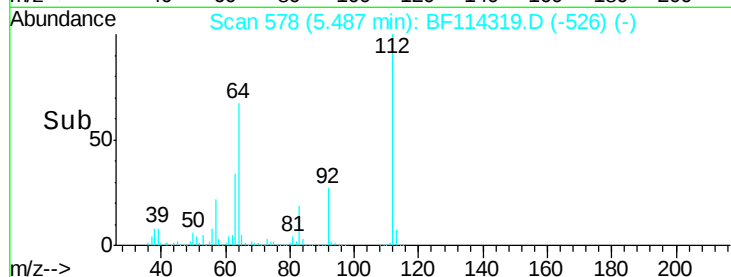
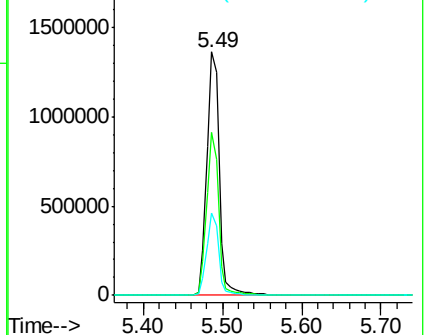
63 33.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.551 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

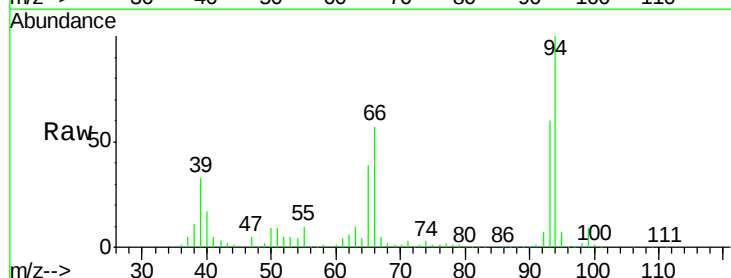
Tgt Ion: 93 Resp: 642475

Ion Ratio Lower Upper

93 100

66 96.0 33.2 49.8#

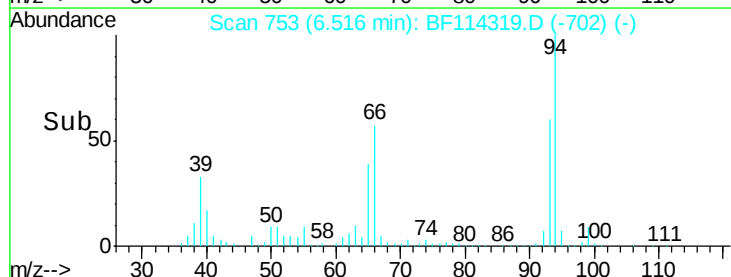
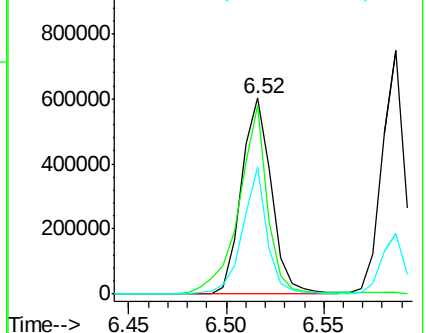
65 64.7 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.675 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

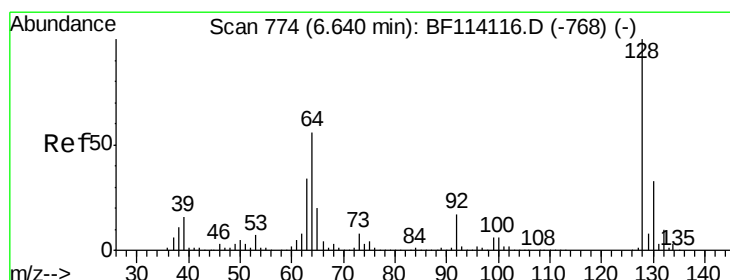
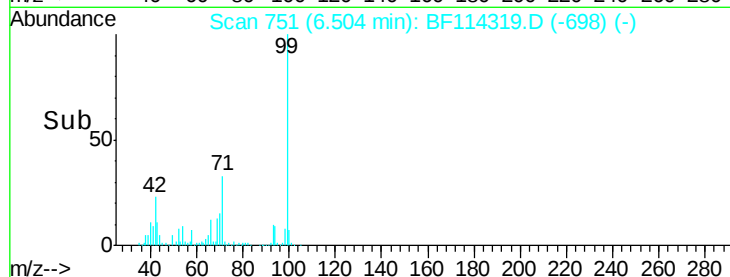
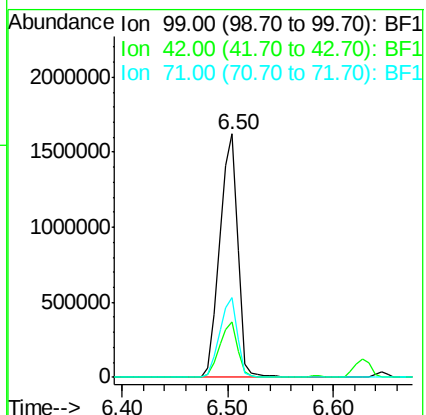
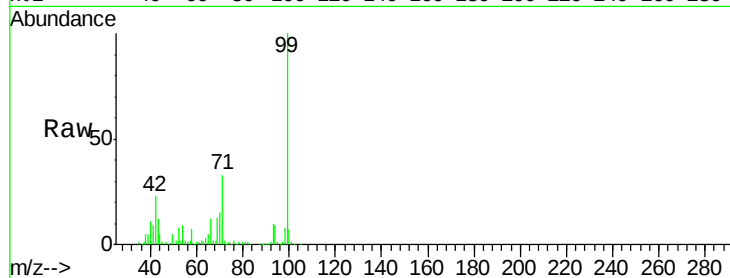
Tot Ion: 99 Resp: 1954458

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 32.9 26.2 39.2



#8

2-Chlorophenol

Concen: 39.206 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

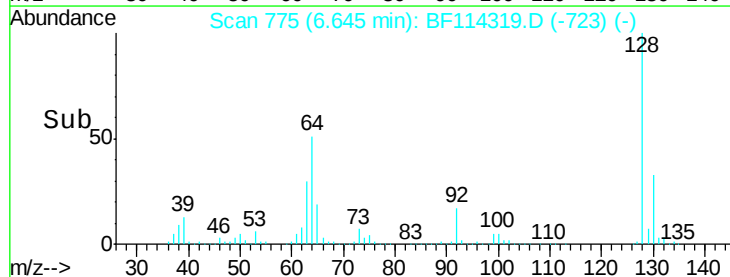
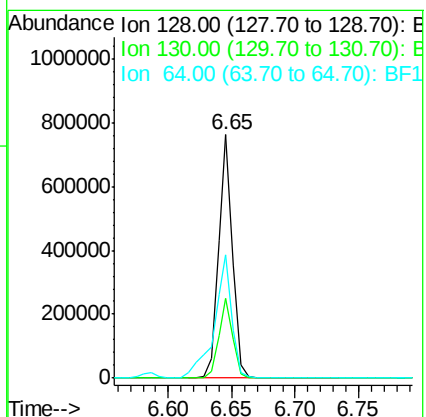
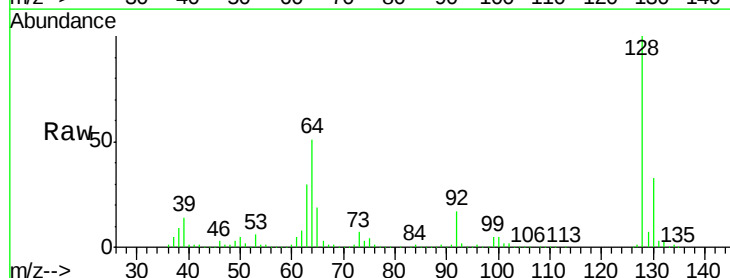
Tgt Ion: 128 Resp: 592798

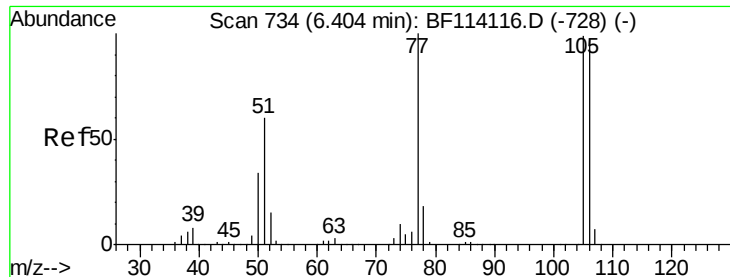
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 50.6 35.9 75.9





#9

Benzaldehyde

Concen: 37.657 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

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ClientSampleId :

RO-COMP-1MSD

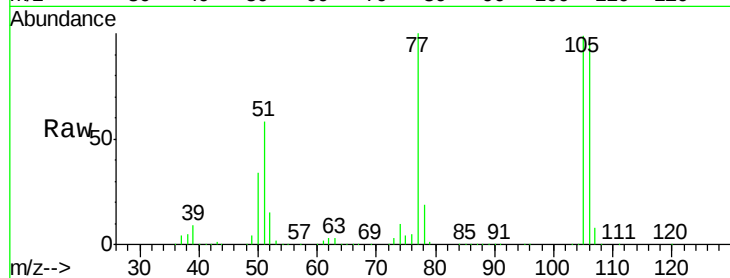
Tot Ion: 77 Resp: 441602

Ion Ratio Lower Upper

77 100

105 99.2 79.3 119.3

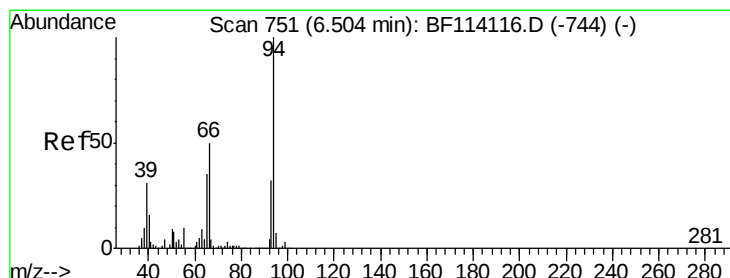
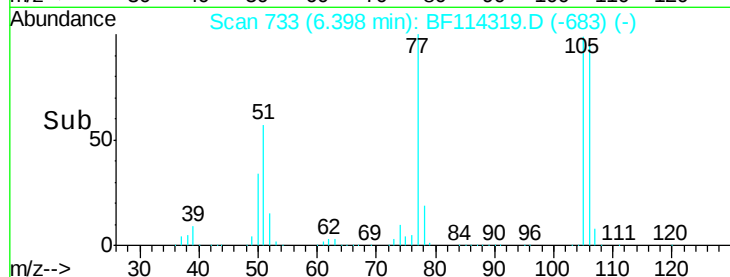
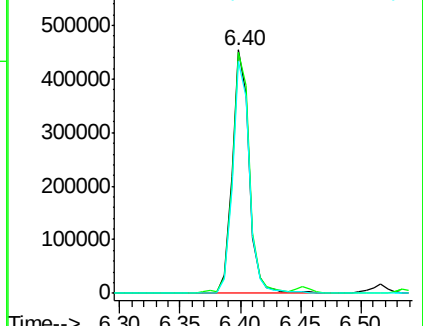
106 95.3 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.313 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

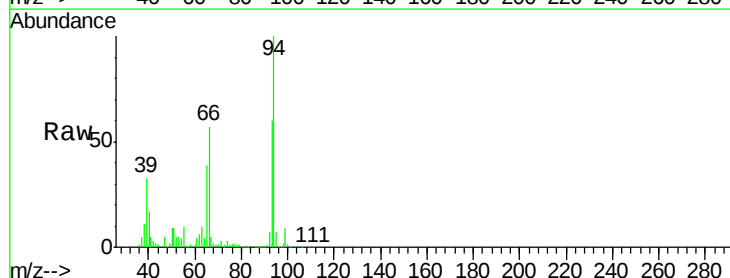
Tgt Ion: 94 Resp: 735276

Ion Ratio Lower Upper

94 100

65 38.6 14.7 54.7

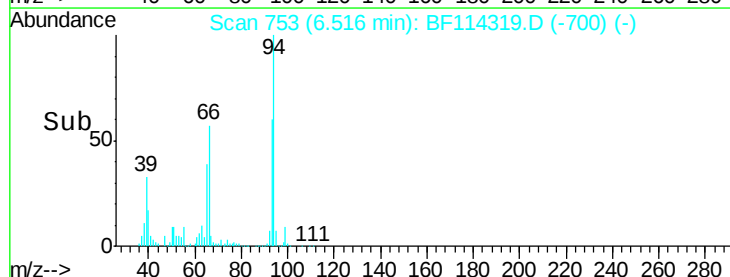
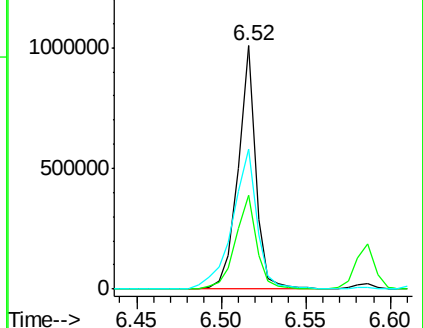
66 57.2 29.6 69.6

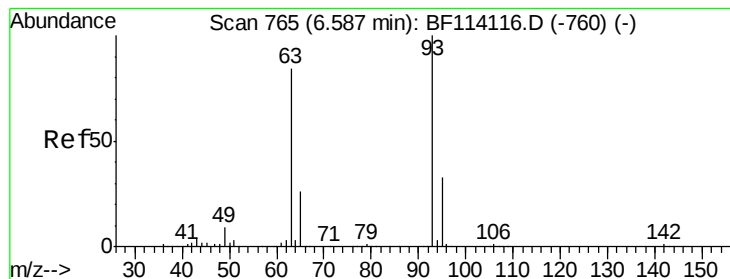


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.242 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

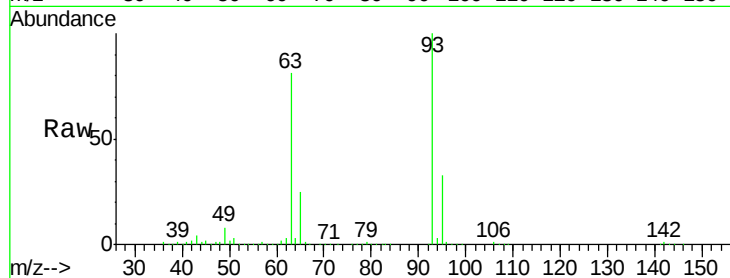
Tot Ion: 93 Resp: 587079

Ion Ratio Lower Upper

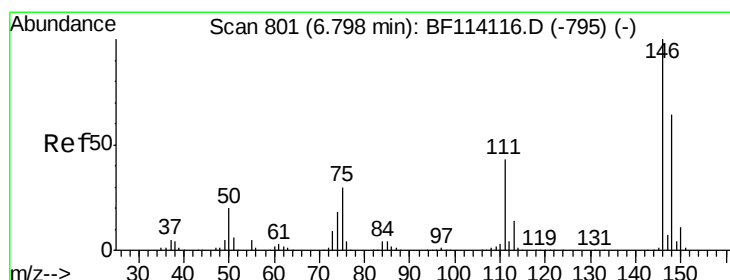
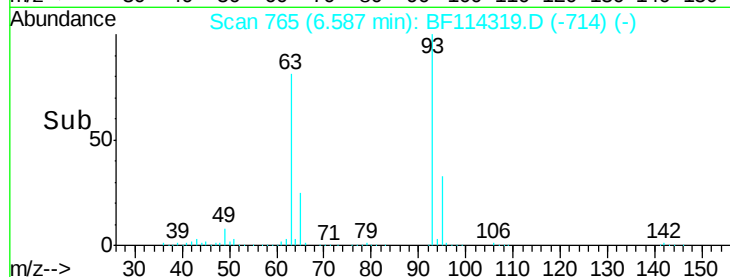
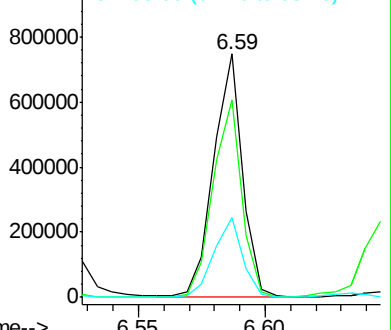
93 100

63 81.1 63.6 103.6

95 32.9 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: 35.351 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

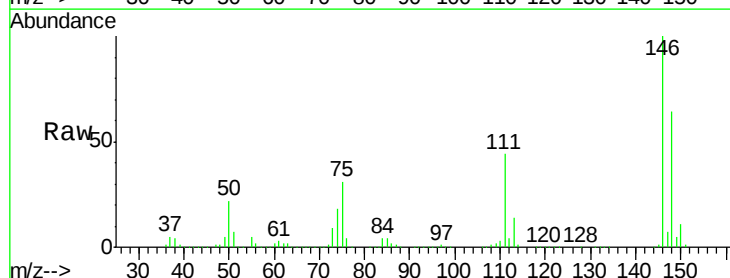
Tgt Ion: 146 Resp: 599996

Ion Ratio Lower Upper

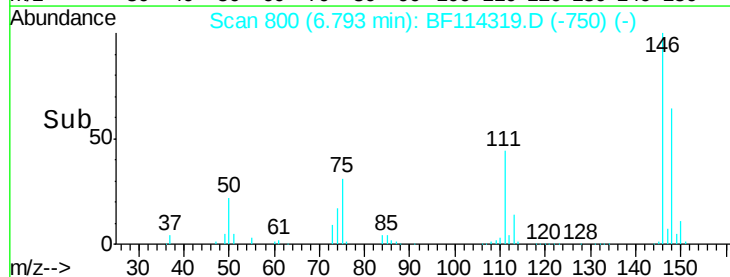
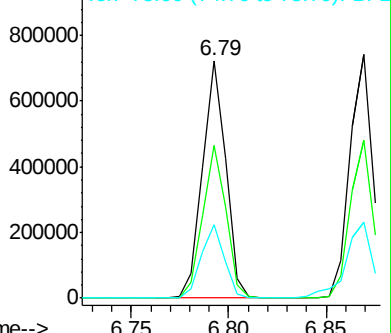
146 100

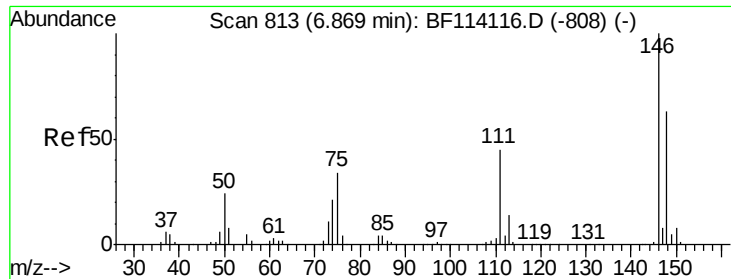
148 64.2 51.6 77.4

75 31.1 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

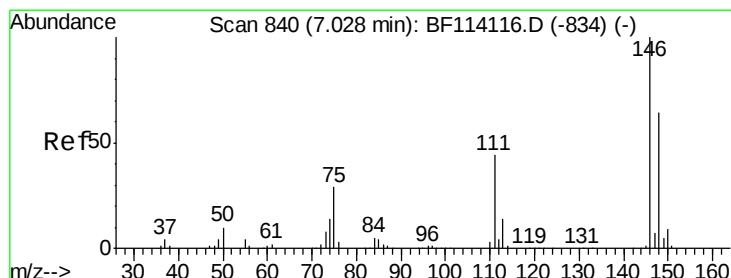
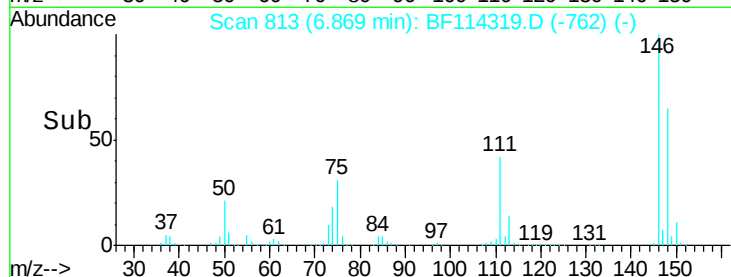
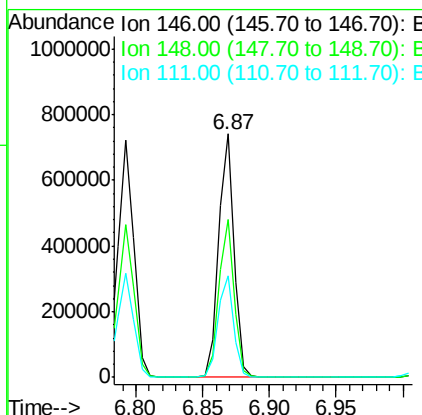
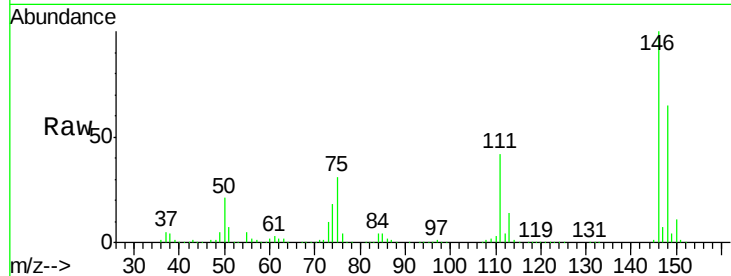




#13
 1,4-Dichlorobenzene
 Concen: 35.633 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

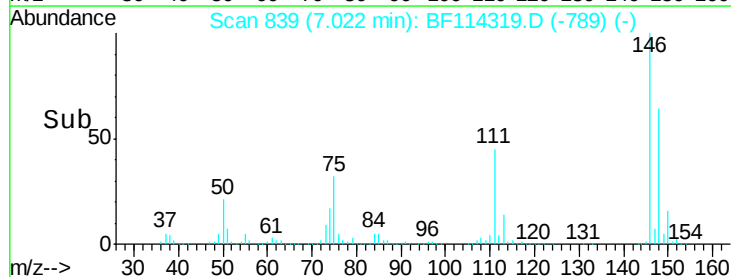
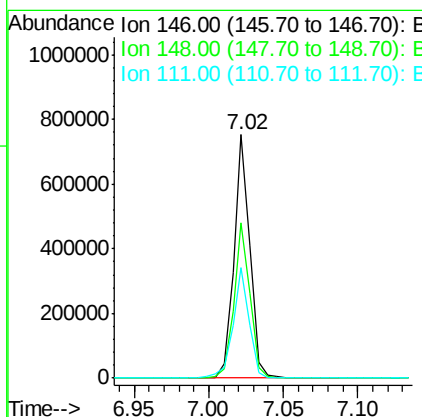
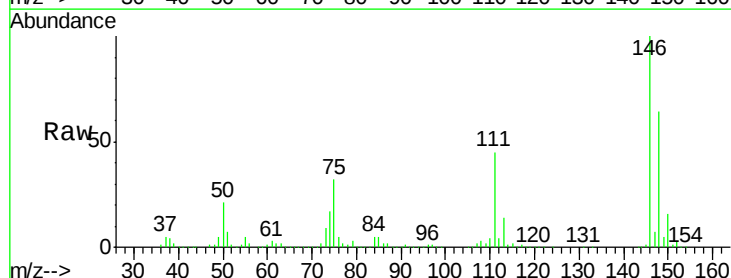
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

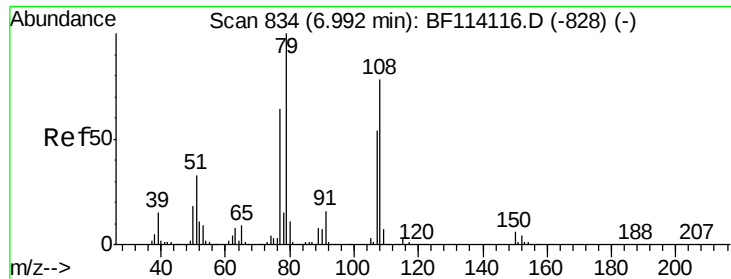
Tot Ion:146 Resp: 609418
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.2 75.2
 111 41.9 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 36.191 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:146 Resp: 565490
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 45.4 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.091 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

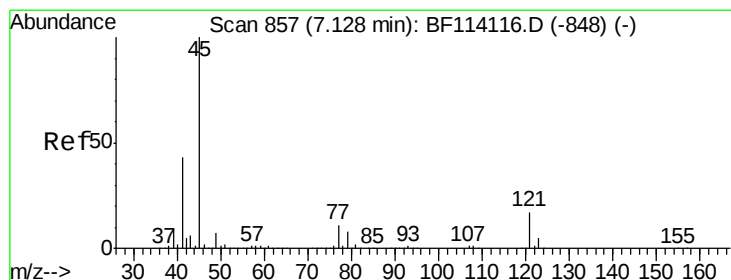
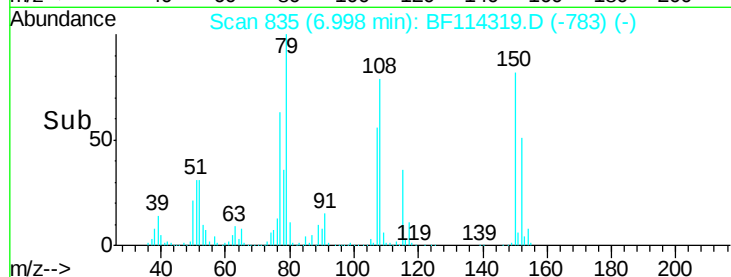
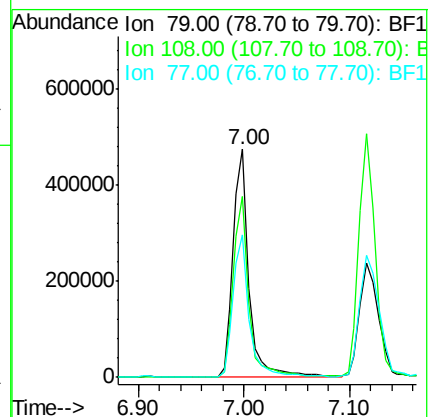
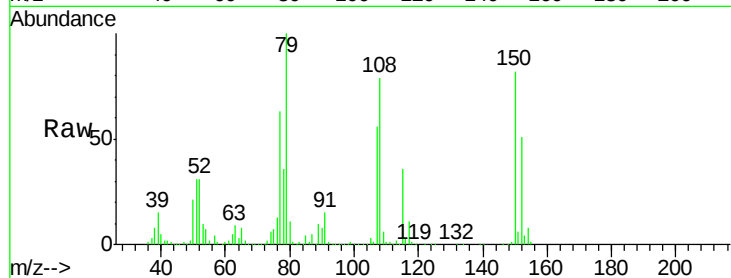
Tot Ion: 79 Resp: 497655

Ion Ratio Lower Upper

79 100

108 79.2 62.1 93.1

77 62.8 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.262 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

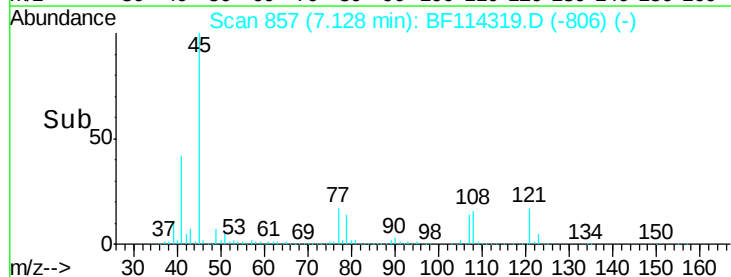
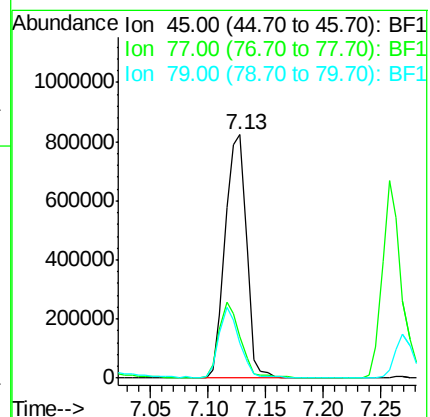
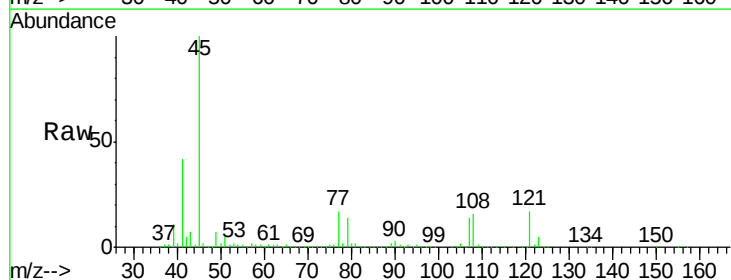
Tgt Ion: 45 Resp: 1051868

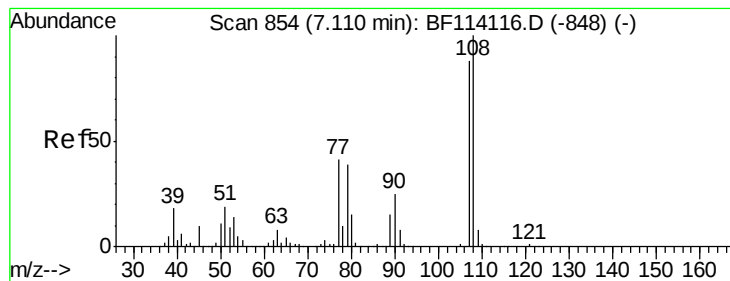
Ion Ratio Lower Upper

45 100

77 16.8 0.0 31.1

79 14.3 0.0 28.4

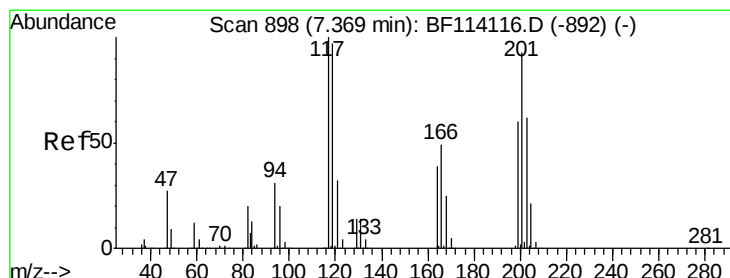
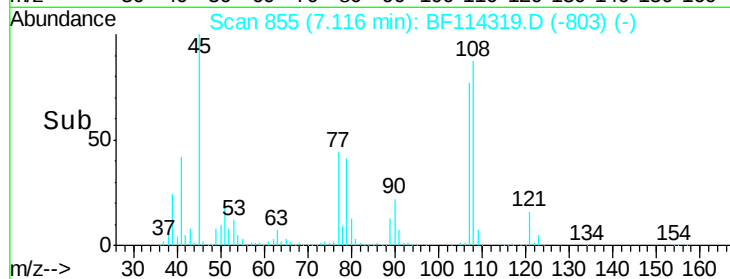
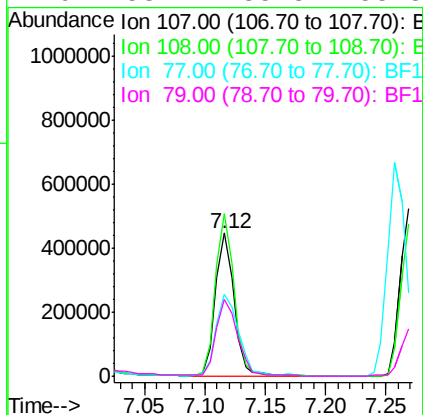
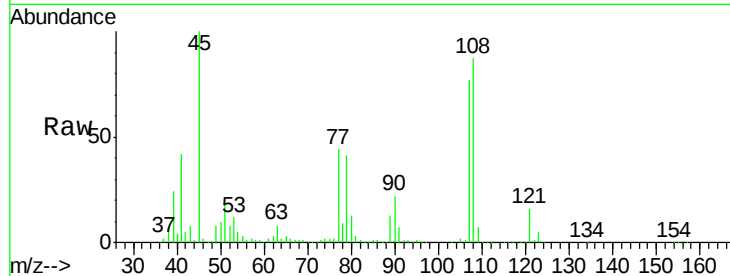




#17
2-Methylphenol
Concen: 38.227 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

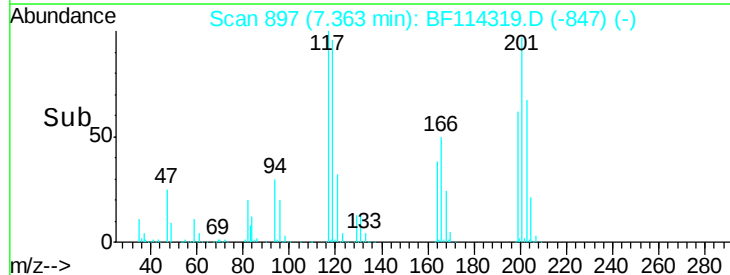
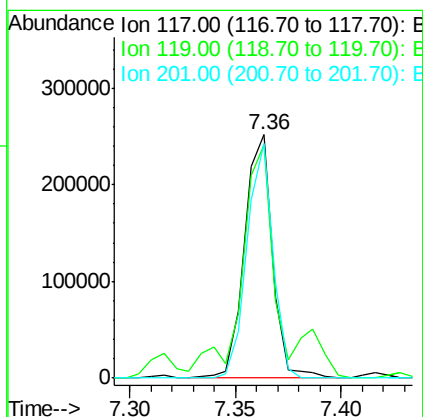
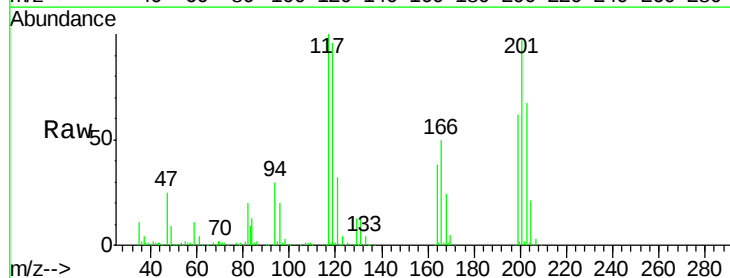
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	57.1	37.0	55.4#
79	53.4	35.8	53.8



#18
Hexachloroethane
Concen: 35.923 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.2
201	96.5	74.5	111.7

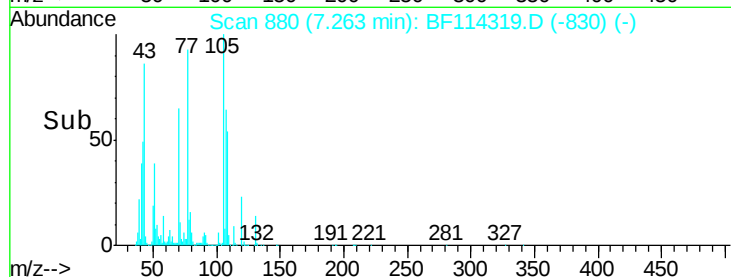
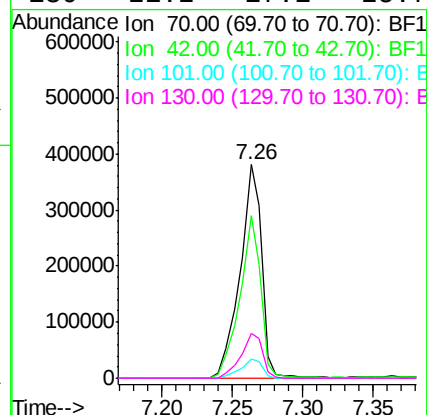
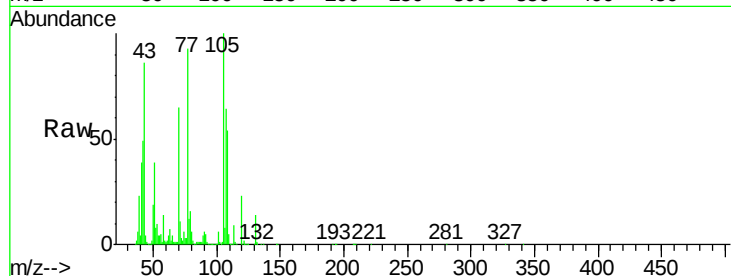




#19
n-Nitroso-di-n-propylamine
Concen: 37.998 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

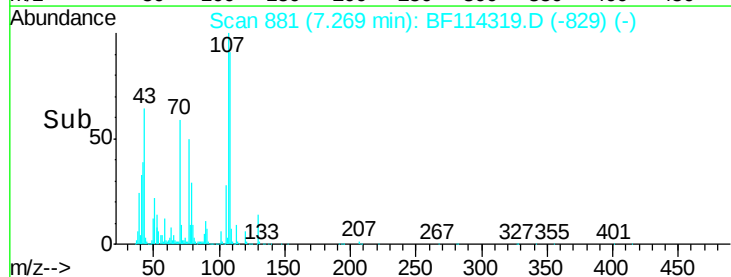
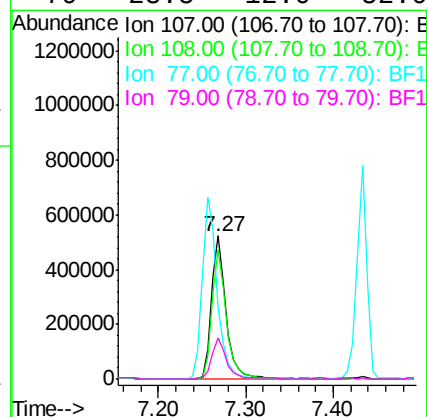
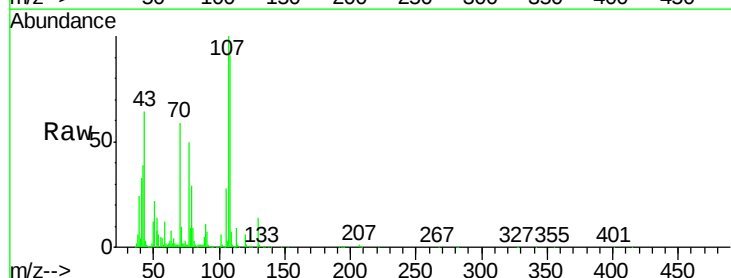
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

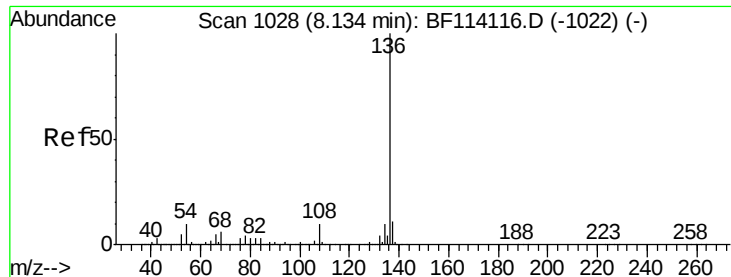
Tot Ion: 70 Resp: 403454
Ion Ratio Lower Upper
70 100
42 76.2 58.6 87.8
101 9.1 7.8 11.8
130 21.2 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.997 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion: 107 Resp: 602663
Ion Ratio Lower Upper
107 100
108 90.7 73.8 113.8
77 49.8 111.5 151.5#
79 28.5 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:136 Resp: 849055

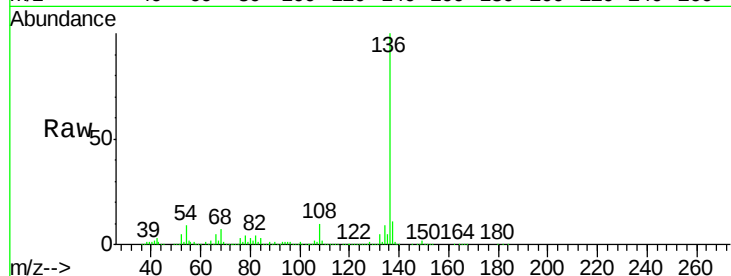
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.3 7.8 11.8

68 6.7 5.1 7.7

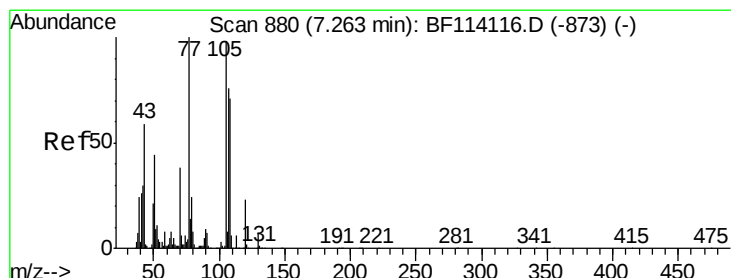
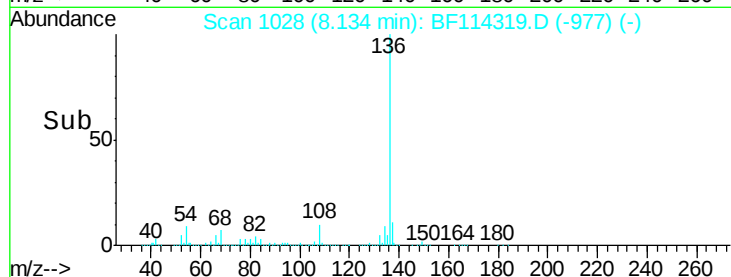
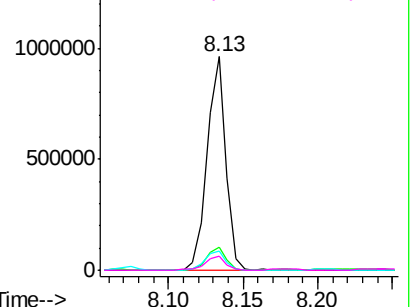


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.408 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:105 Resp: 797668

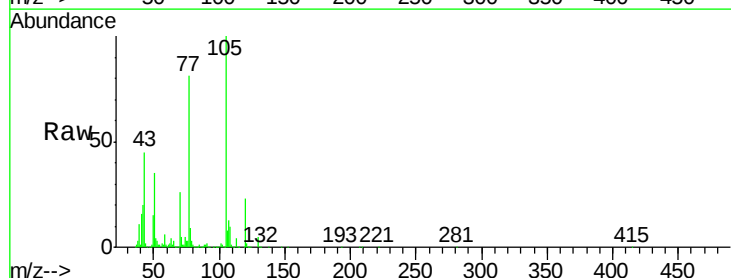
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 34.7 36.2 54.4#

120 22.9 18.6 28.0

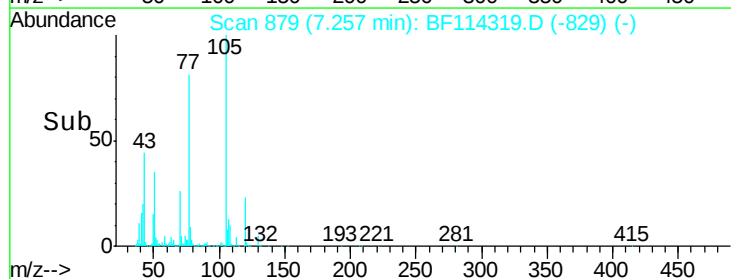
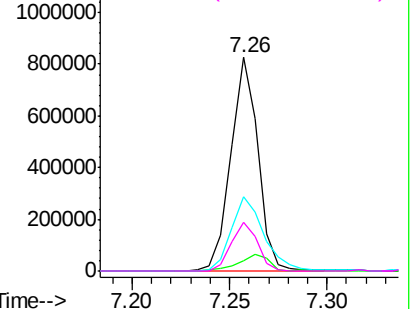


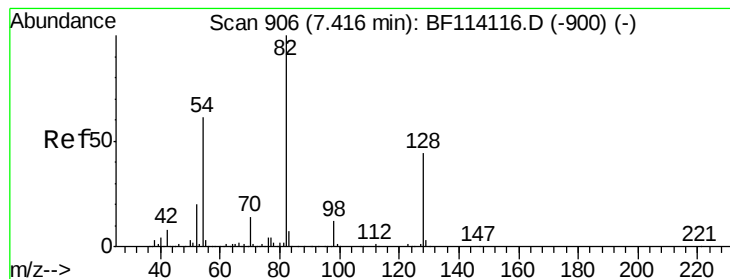
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.711 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

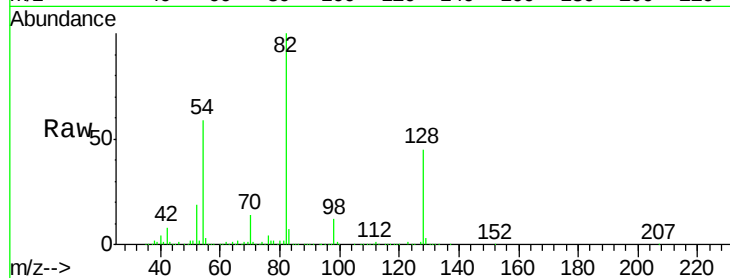
Tot Ion: 82 Resp: 1190833

Ion Ratio Lower Upper

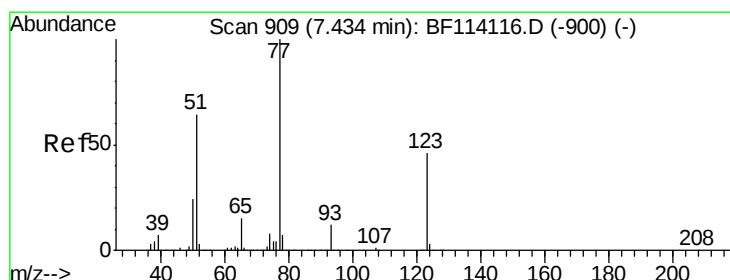
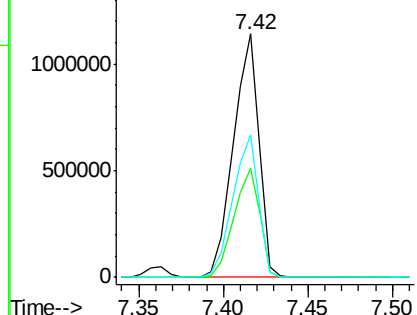
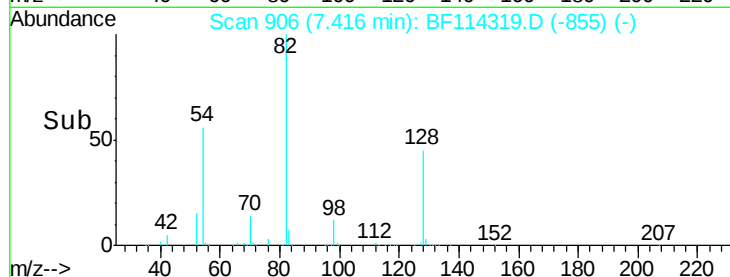
82 100

128 44.9 35.5 53.3

54 58.6 48.5 72.7



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



#24

Nitrobenzene

Concen: 40.333 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

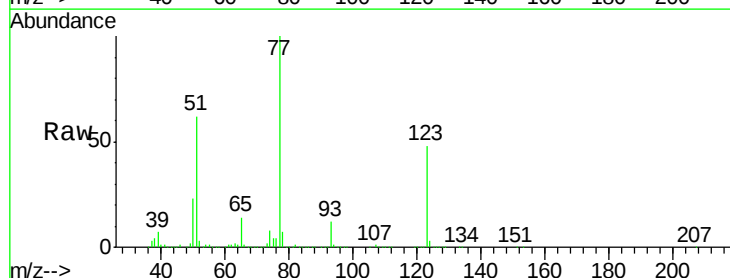
Tgt Ion: 77 Resp: 621507

Ion Ratio Lower Upper

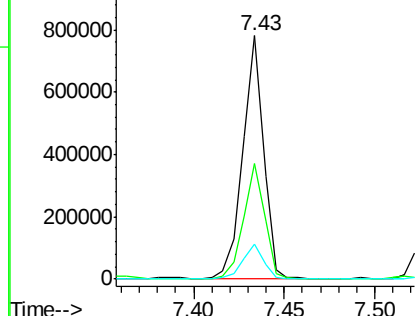
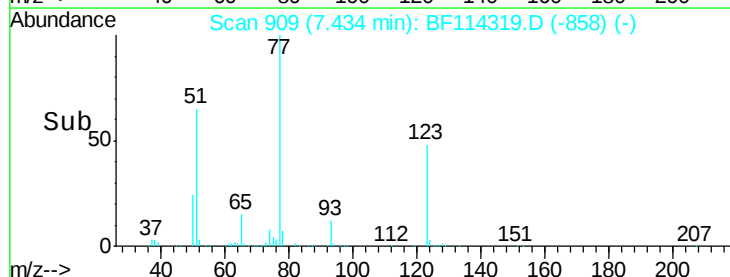
77 100

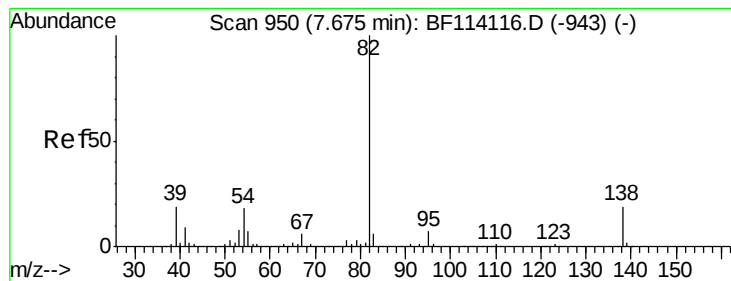
123 47.6 36.9 55.3

65 14.3 11.8 17.6



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





#25

Isophorone

Concen: 40.281 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

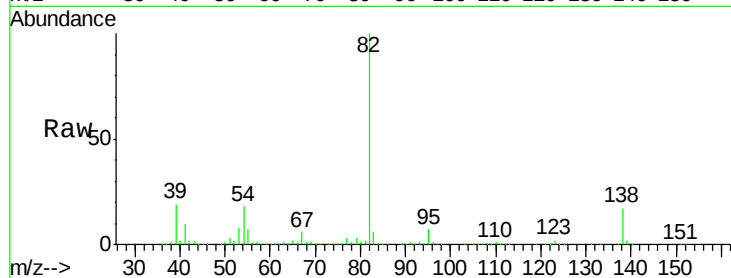
Tot Ion: 82 Resp: 1130242

Ion Ratio Lower Upper

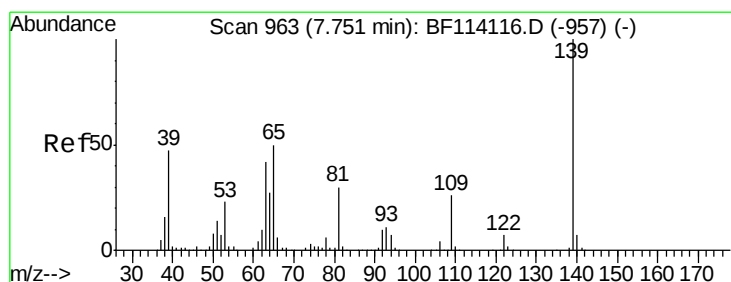
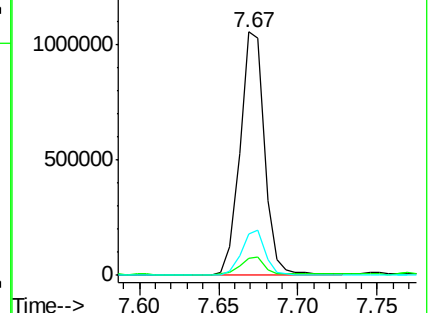
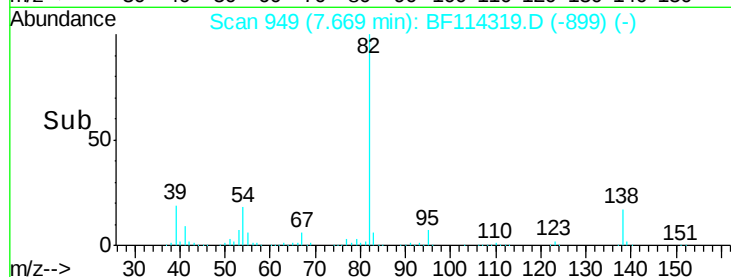
82 100

95 7.0 5.6 8.4

138 17.2 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.580 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

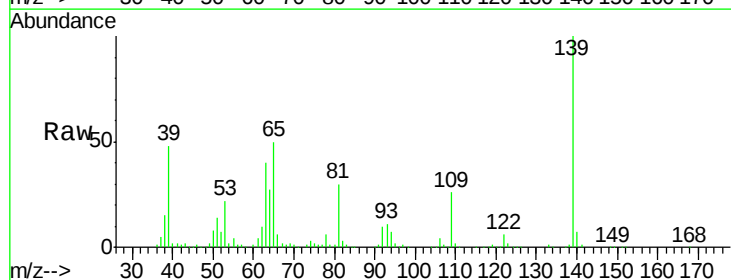
Tgt Ion: 139 Resp: 318325

Ion Ratio Lower Upper

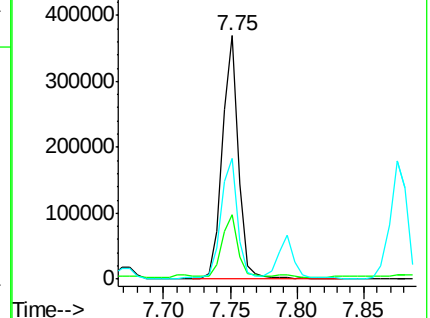
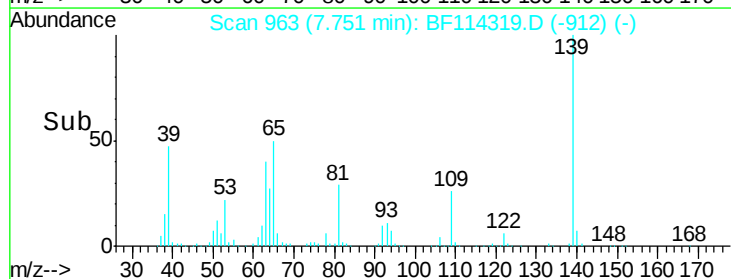
139 100

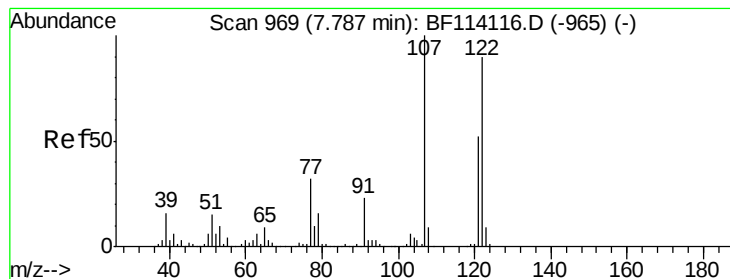
109 26.3 20.7 31.1

65 49.9 40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 44.739 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

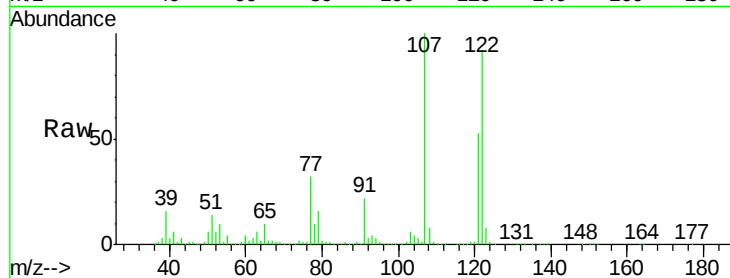
Tot Ion:122 Resp: 525312

Ion Ratio Lower Upper

122 100

107 108.4 88.4 132.6

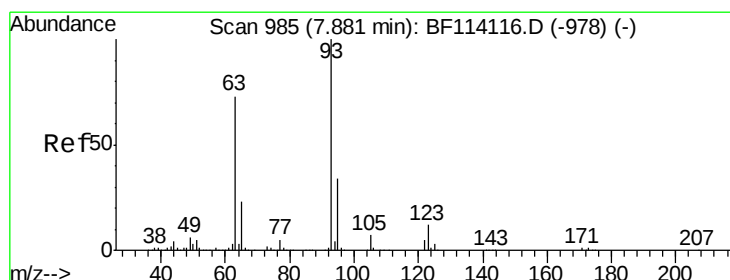
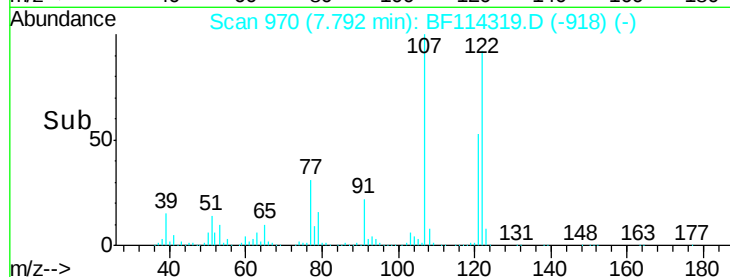
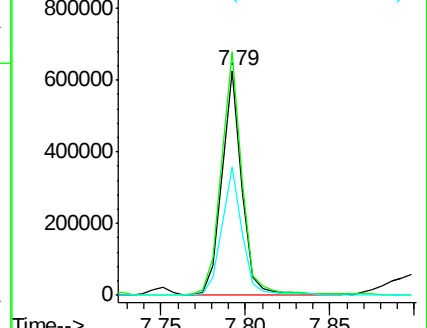
121 57.2 45.9 68.9



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: 39.506 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

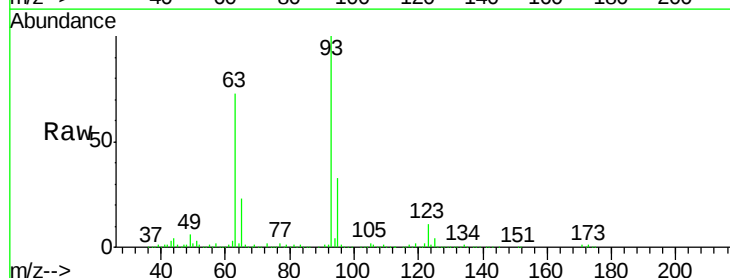
Tgt Ion: 93 Resp: 719236

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

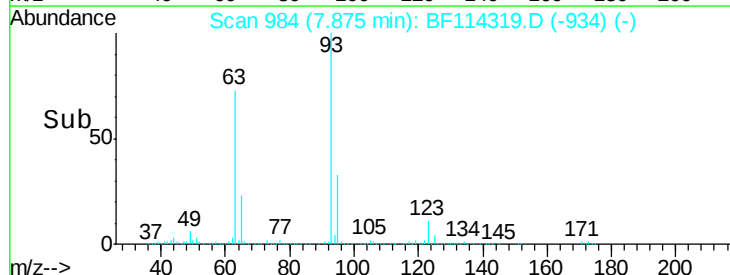
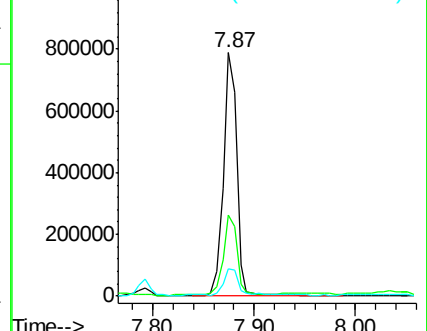
123 11.3 9.5 14.3



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

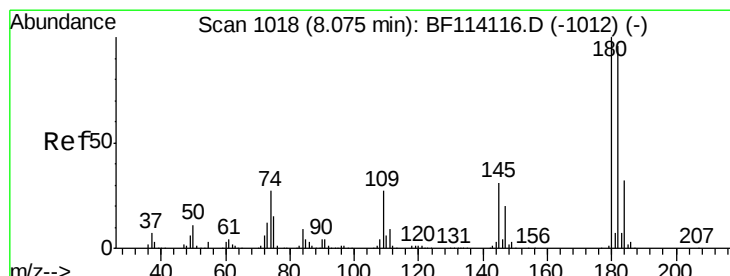
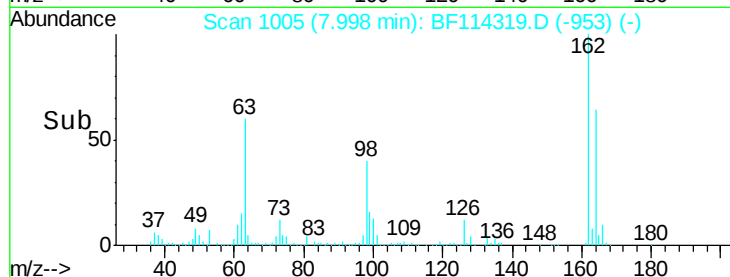
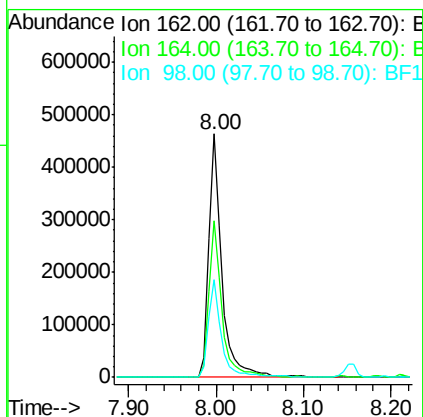
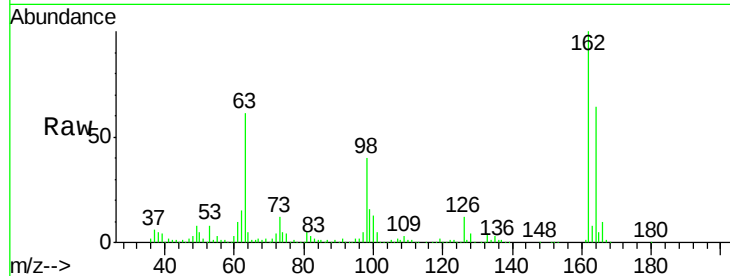




#29
2,4-Dichlorophenol
Concen: 41.515 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

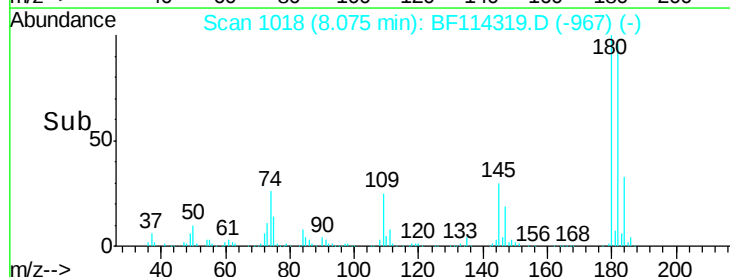
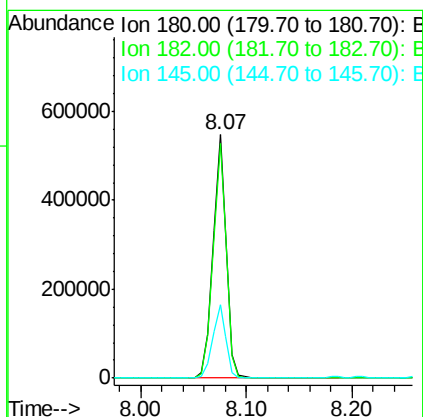
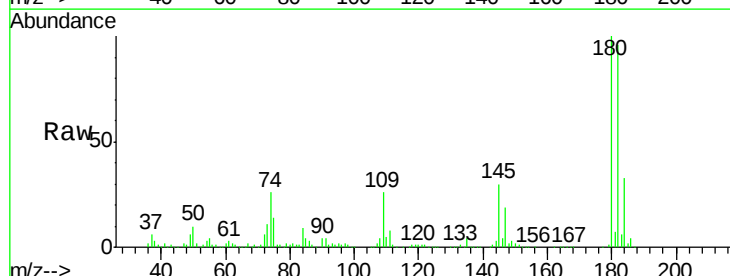
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.6	83.6
98	40.0	20.6	60.6



#30
1,2,4-Trichlorobenzene
Concen: 37.056 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.6	114.8
145	29.9	25.1	37.7





#31

Naphthalene

Concen: 41.479 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

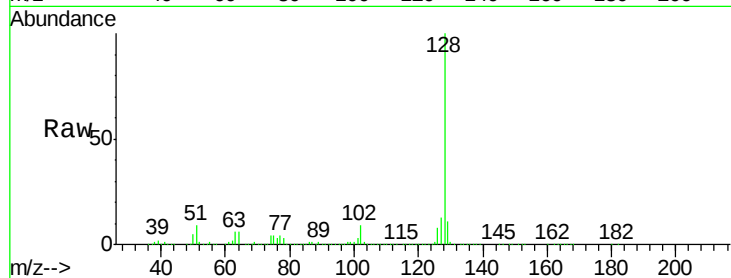
Tot Ion:128 Resp: 1645106

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

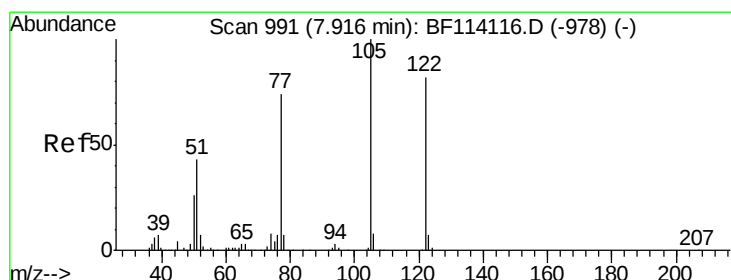
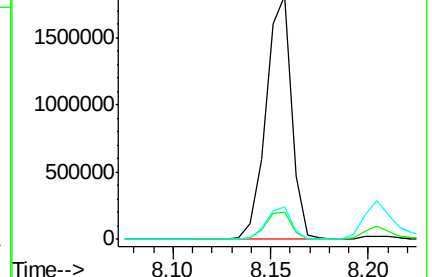
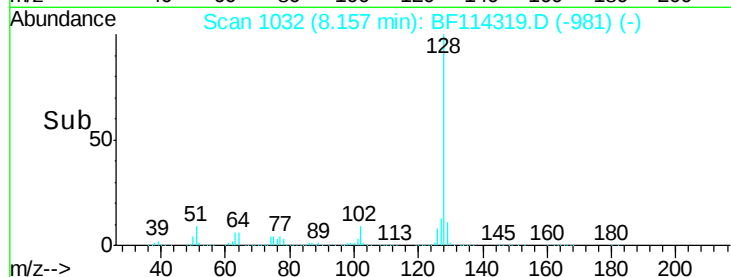
127 13.5 11.3 16.9



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: 22.353 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

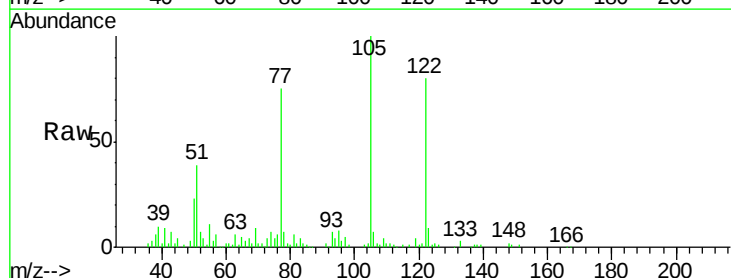
Tgt Ion:122 Resp: 150356

Ion Ratio Lower Upper

122 100

105 125.1 99.9 139.9

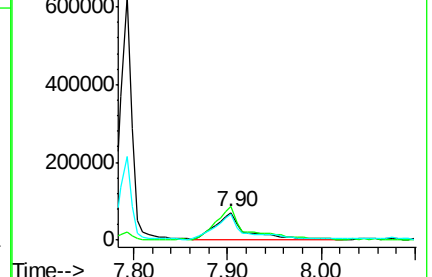
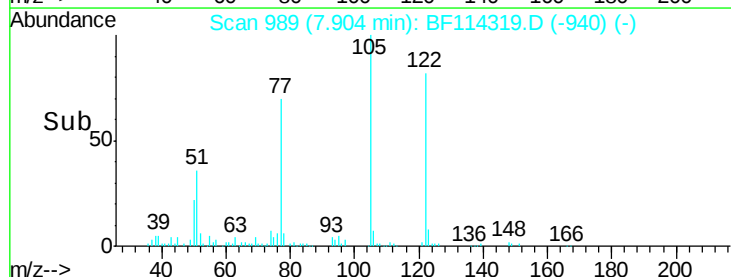
77 93.2 69.4 109.4

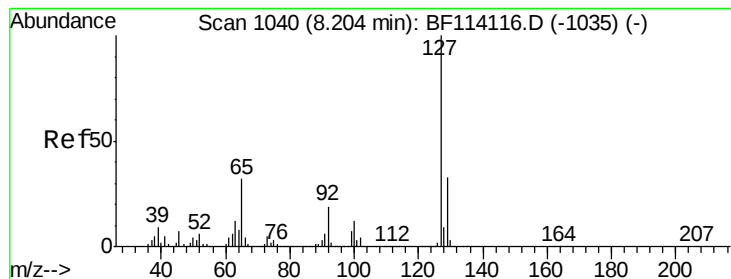


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 18.114 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:127 Resp: 327379

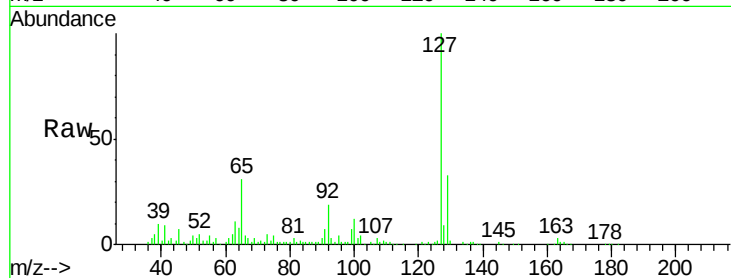
Ion Ratio Lower Upper

127 100

129 32.5 26.7 40.1

65 31.3 25.4 38.0

92 19.3 15.4 23.2

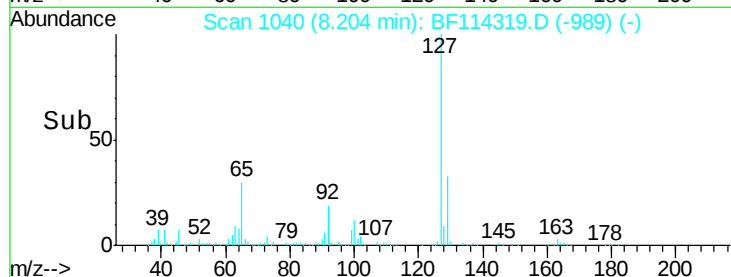


Abundance Ion 127.00 (126.70 to 127.70): E

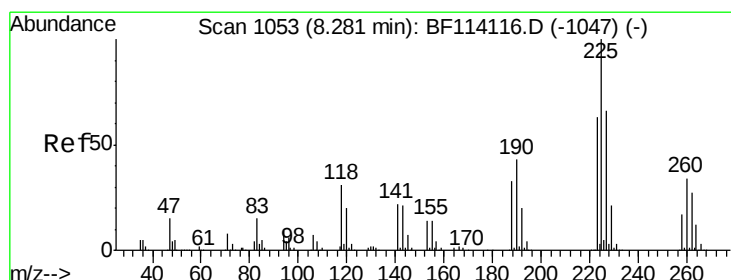
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 35.753 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

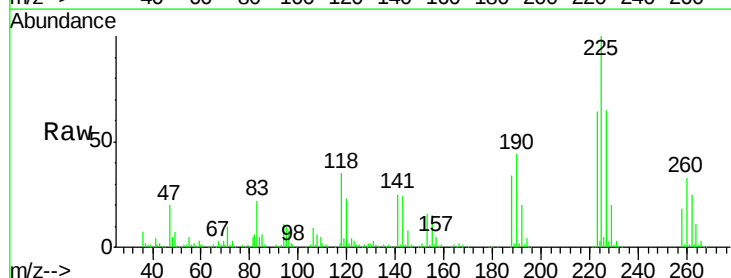
Tgt Ion:225 Resp: 270463

Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.2

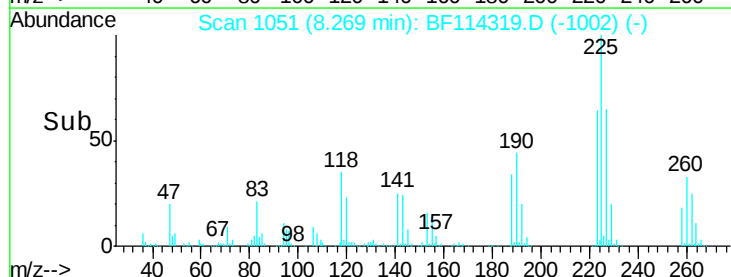
227 65.0 52.6 79.0



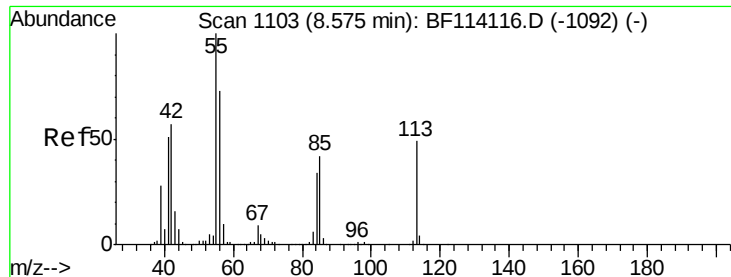
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 33.993 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

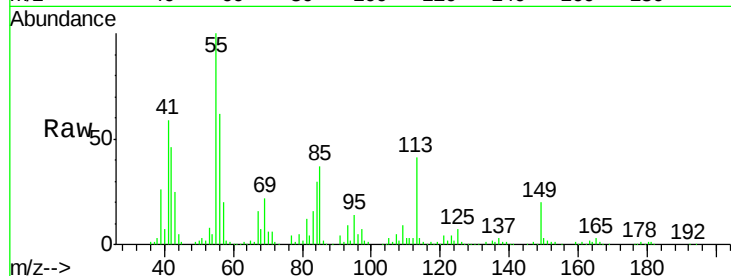
Tot Ion:113 Resp: 129597

Ion Ratio Lower Upper

113 100

55 246.3 183.5 223.5#

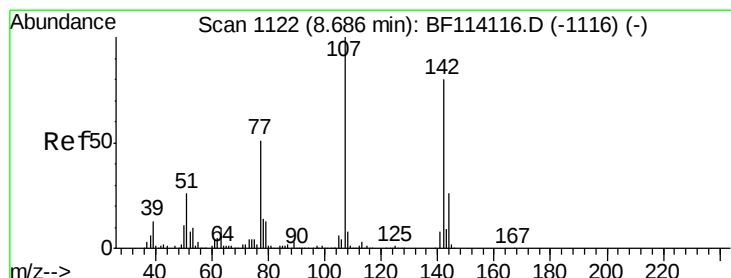
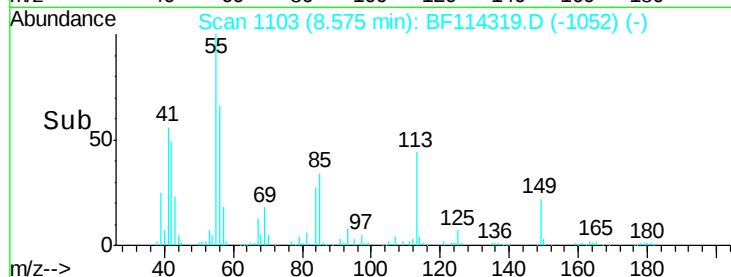
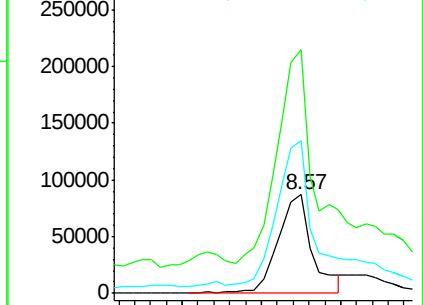
56 153.9 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.430 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

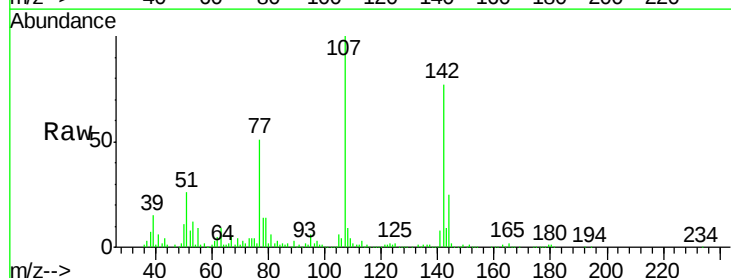
Tgt Ion:107 Resp: 487589

Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

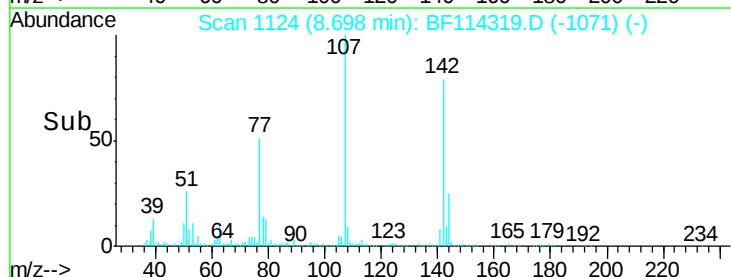
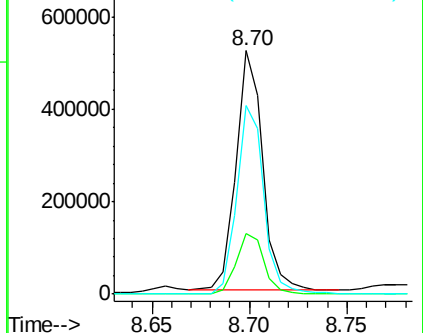
142 77.4 64.2 96.4

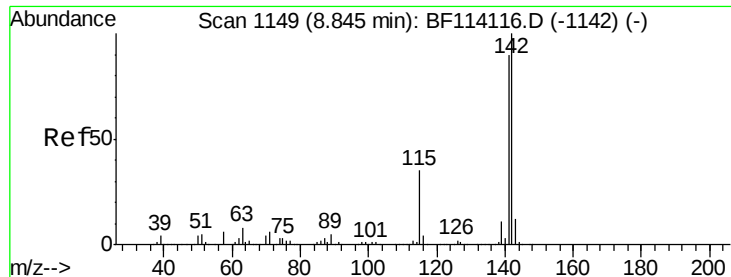


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

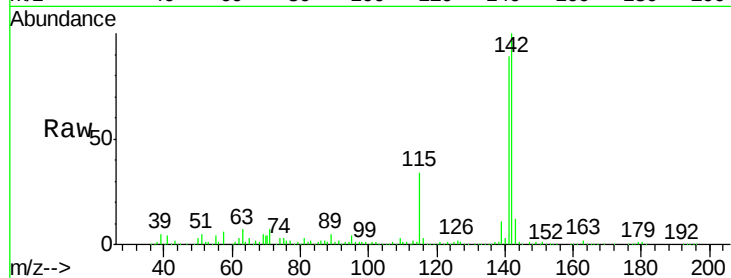




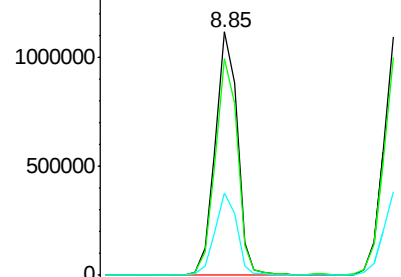
#37
2-Methylnaphthalene
Concen: 39.875 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

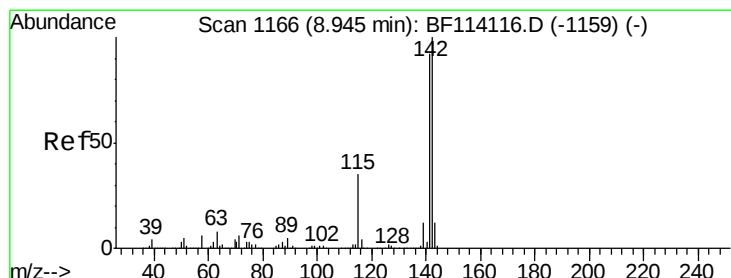
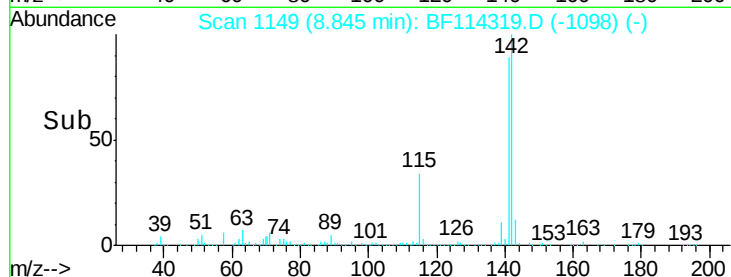
Tot Ion:142 Resp: 1020366
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1
115 33.9 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

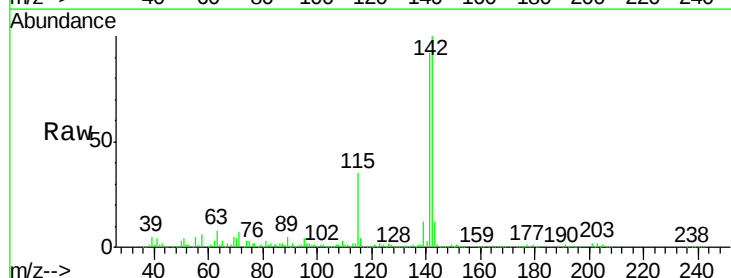


Time-->

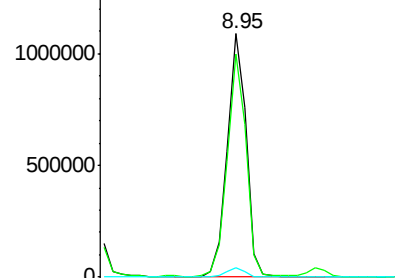


#38
1-Methylnaphthalene
Concen: 39.786 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

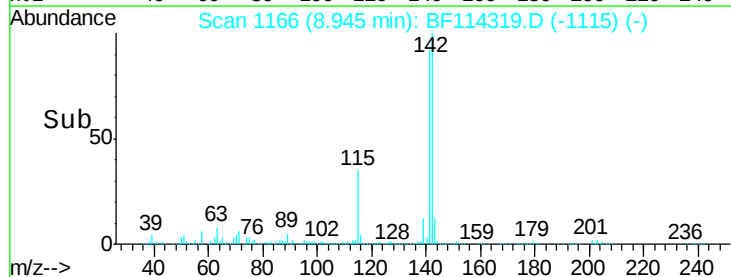
Tgt Ion:142 Resp: 958746
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.8 3.1 4.7

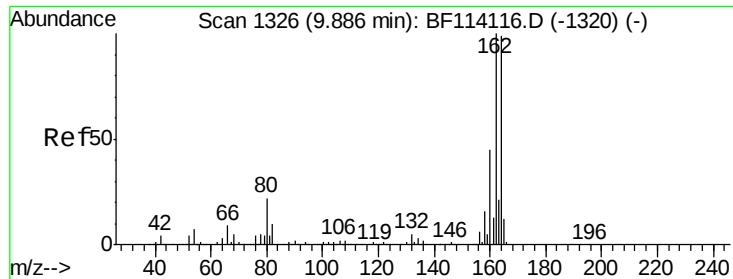


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->

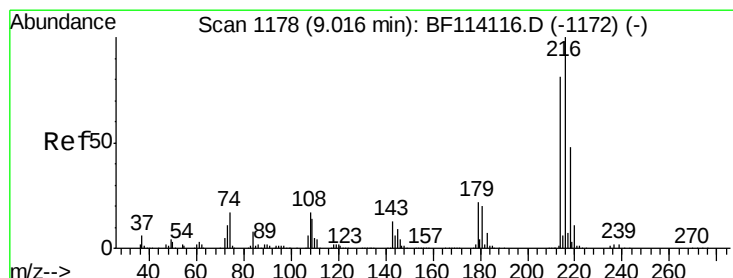
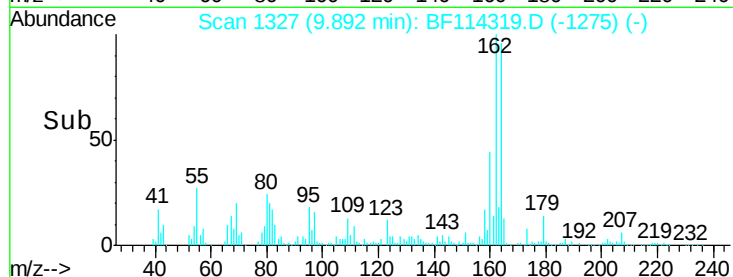
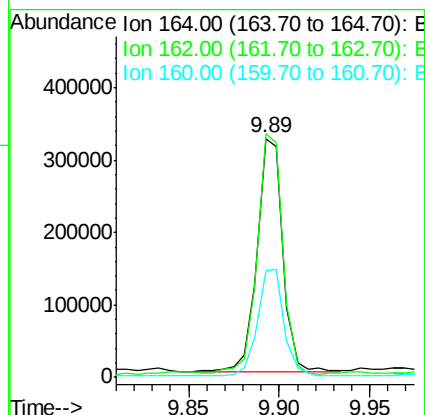
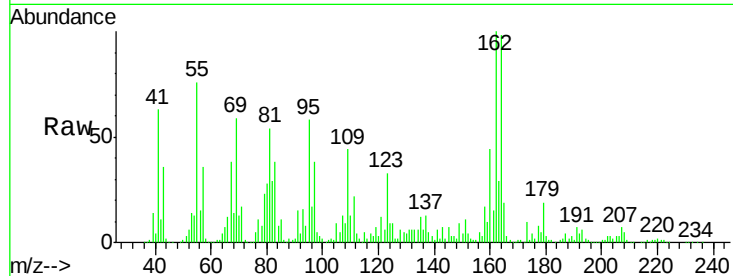




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

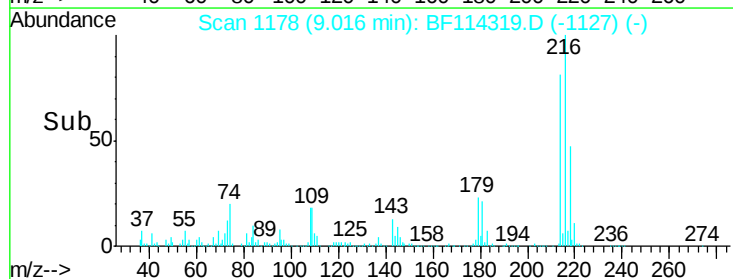
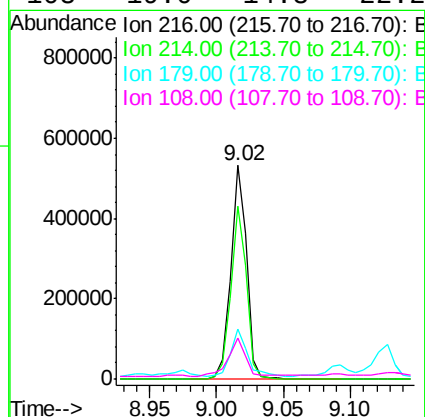
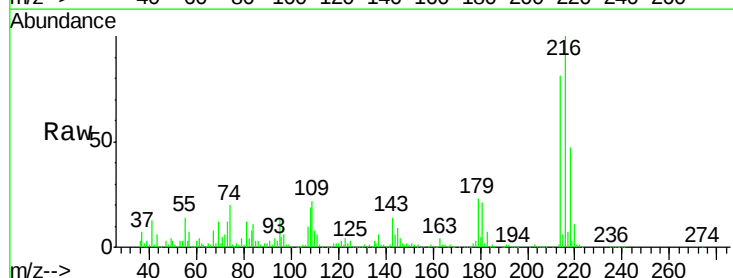
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:164 Resp: 315167
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 44.9 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.489 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:216 Resp: 443830
Ion Ratio Lower Upper
216 100
214 80.4 63.9 95.9
179 23.5 17.0 25.6
108 19.0 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 54.690 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

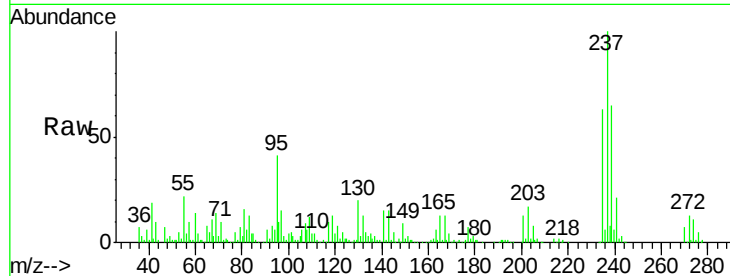
Tot Ion:237 Resp: 236817

Ion Ratio Lower Upper

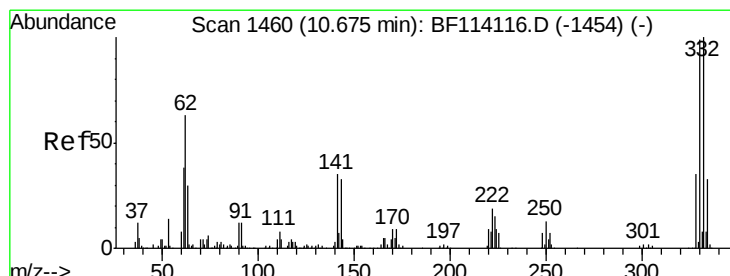
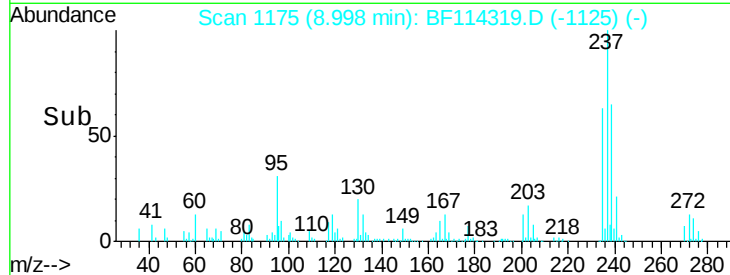
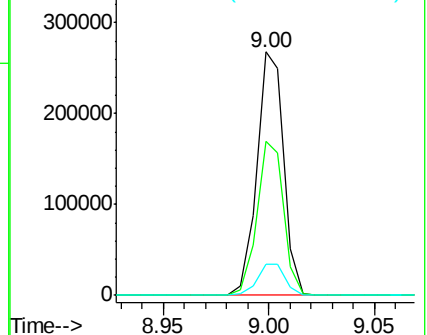
237 100

235 63.0 42.0 82.0

272 12.6 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 95.922 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

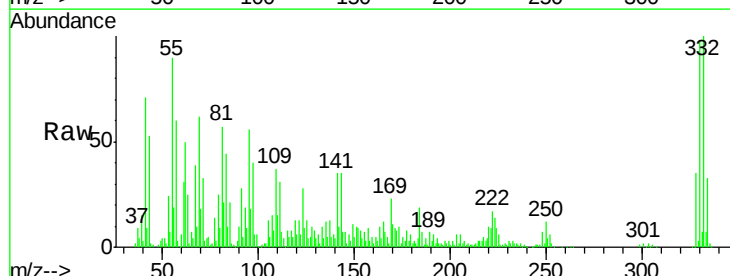
Tgt Ion:330 Resp: 312543

Ion Ratio Lower Upper

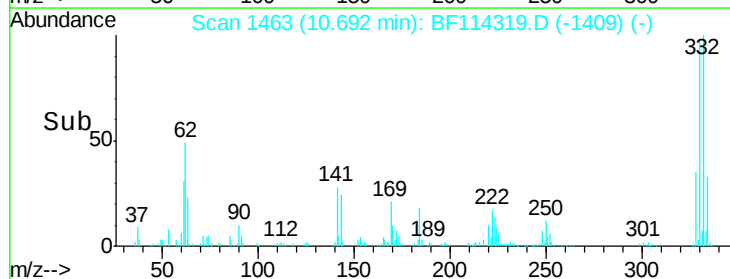
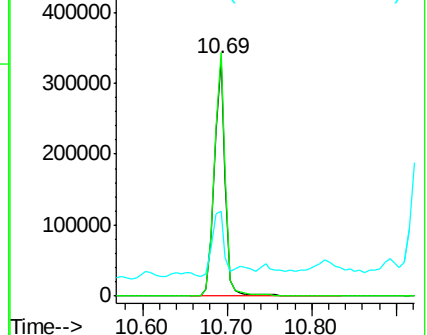
330 100

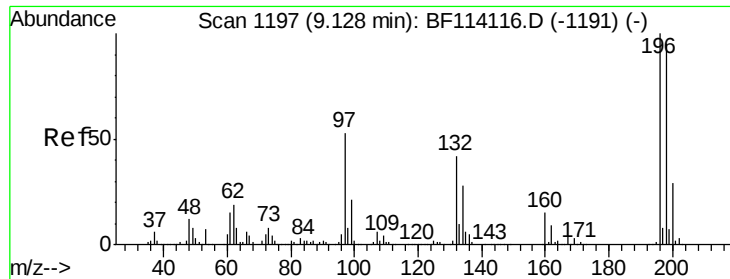
332 103.5 81.4 122.2

141 30.1 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

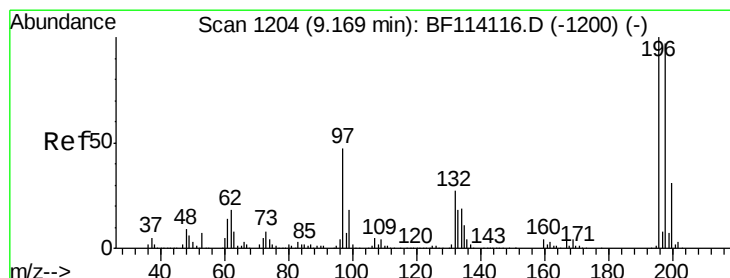
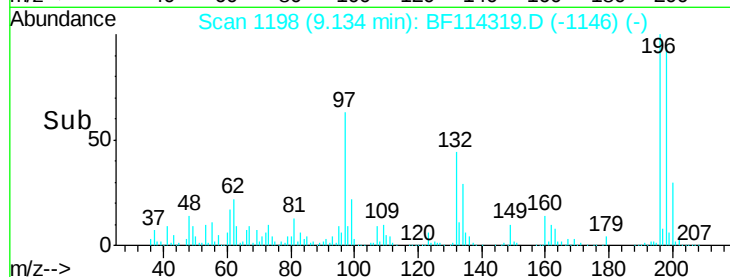
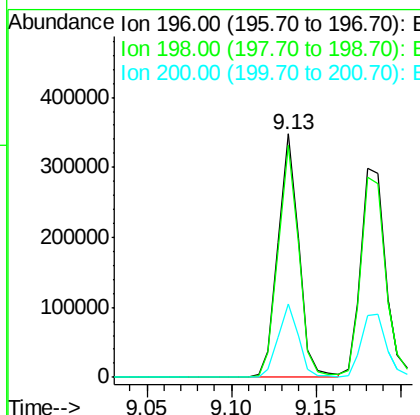
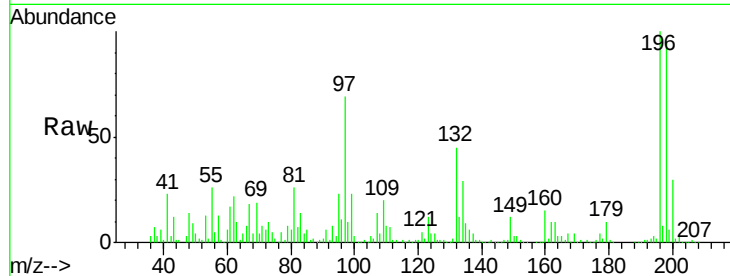




#43
 2,4,6-Trichlorophenol
 Concen: 44.864 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

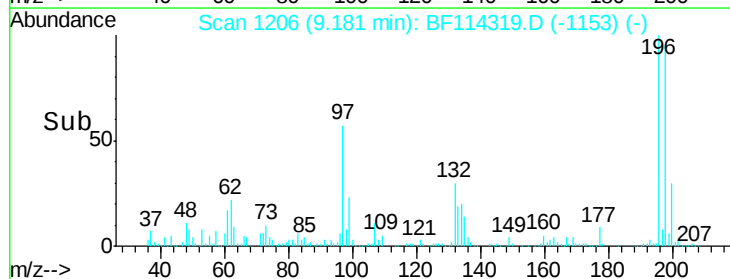
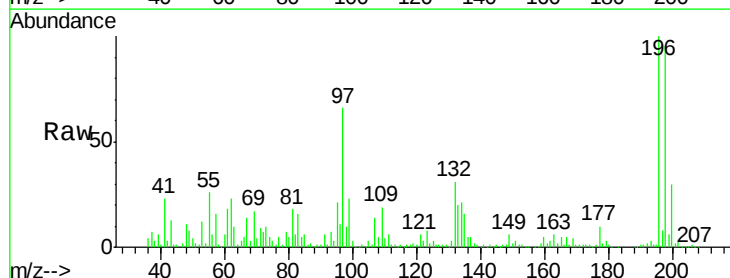
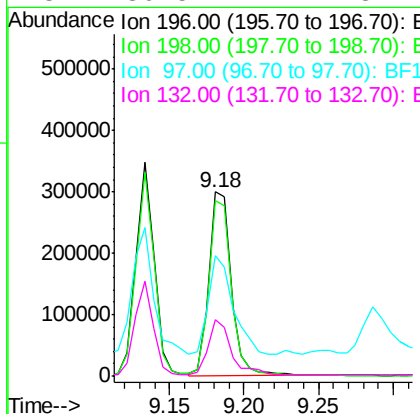
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

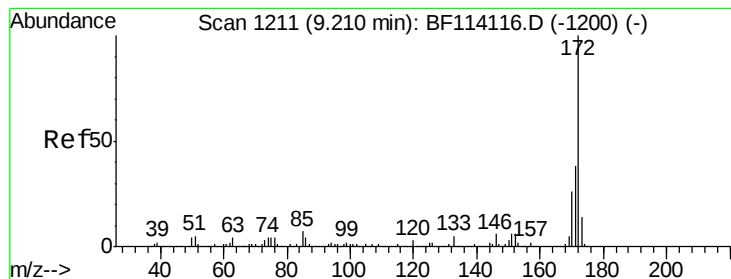
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.9	113.9
200	30.0	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.834 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.7	116.5
97	65.6	38.2	57.2#
132	30.5	21.4	32.2





#45

2-Fluorobiphenyl

Concen: 87.914 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

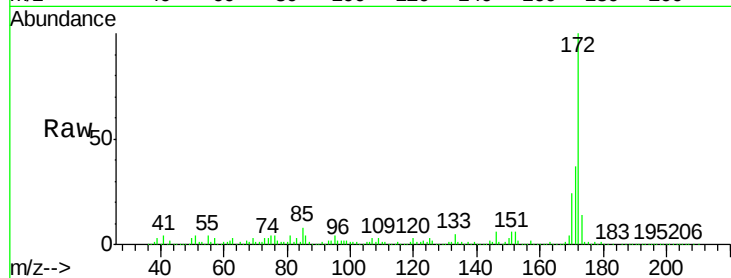
Tot Ion:172 Resp: 1831706

Ion Ratio Lower Upper

172 100

171 36.6 30.7 46.1

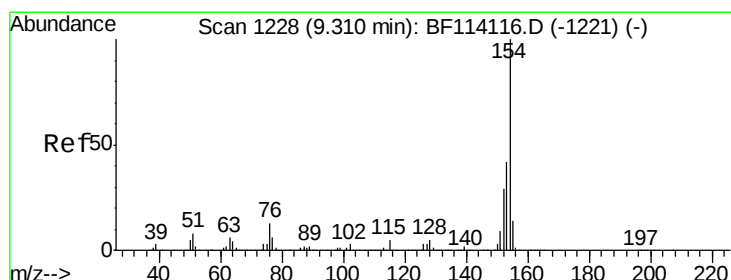
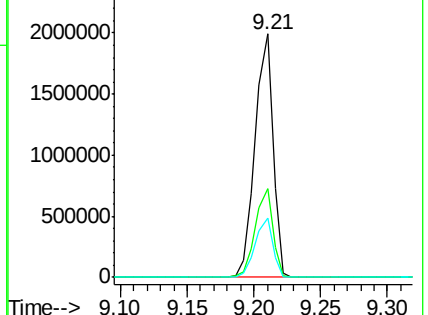
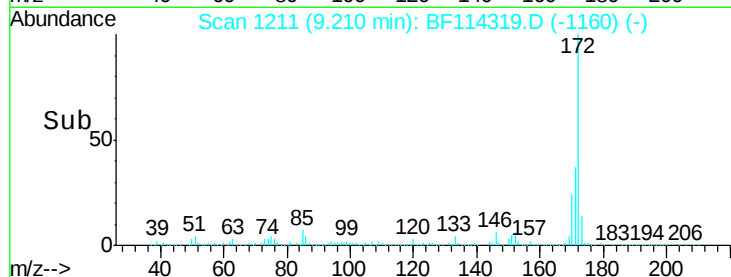
170 24.4 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.592 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

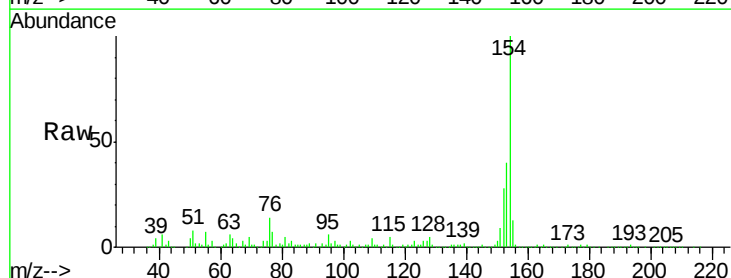
Tgt Ion:154 Resp: 1160824

Ion Ratio Lower Upper

154 100

153 40.3 21.9 61.9

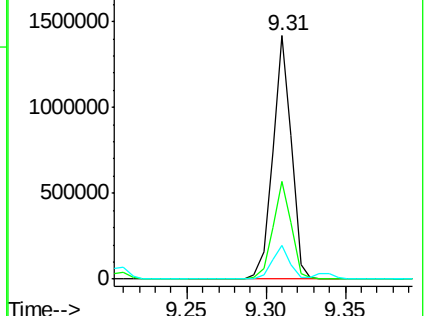
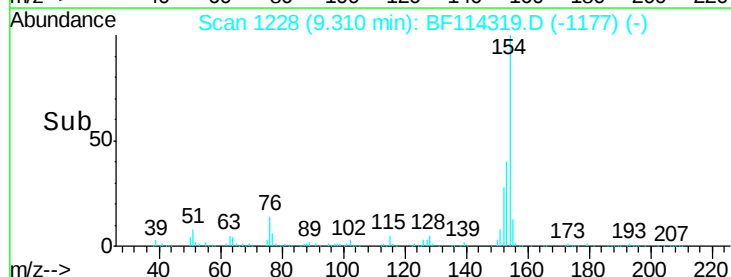
76 13.7 0.0 32.8

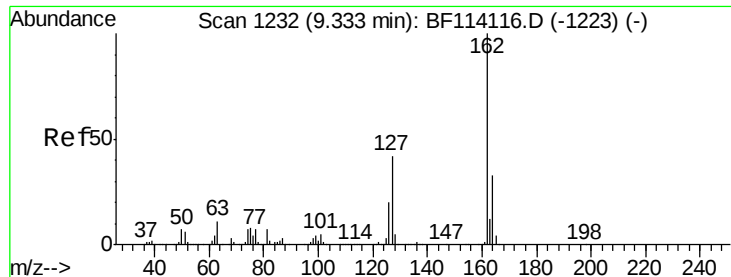


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

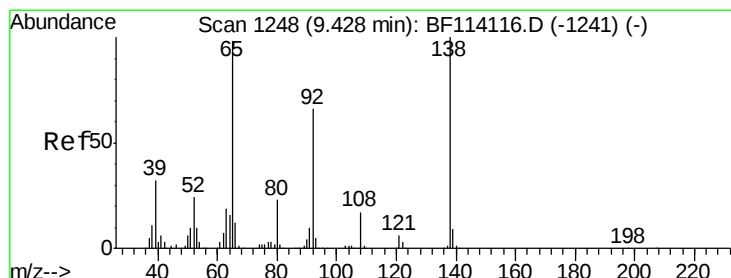
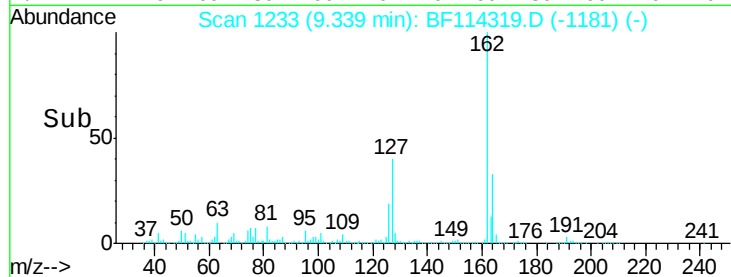
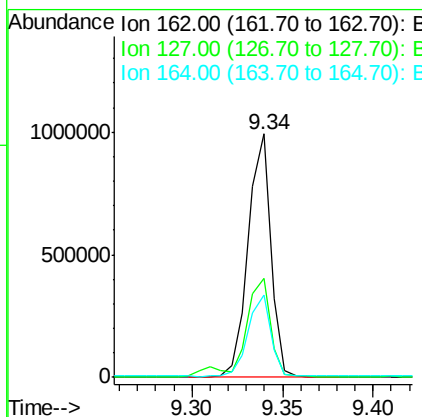
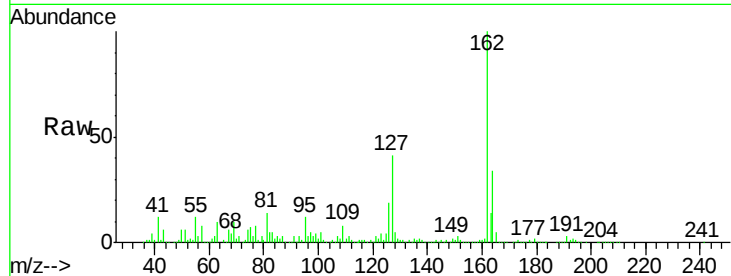




#47
2-Chloronaphthalene
Concen: 41.985 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

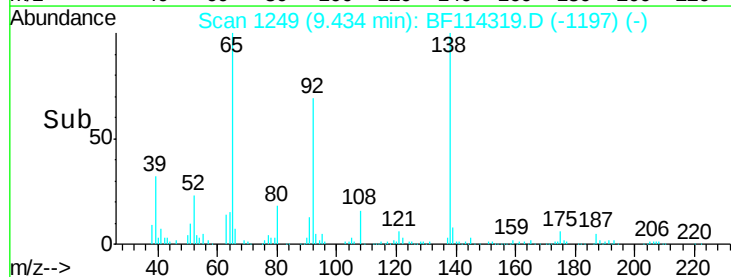
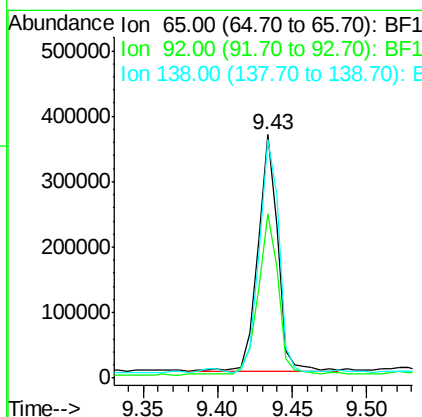
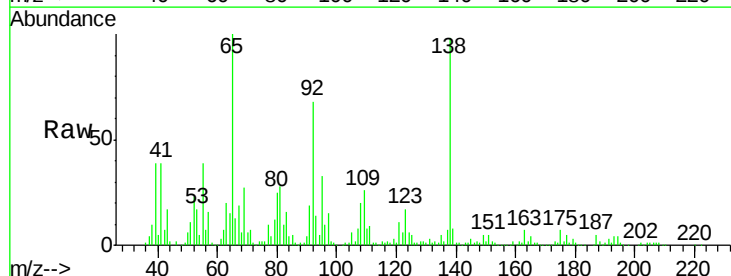
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

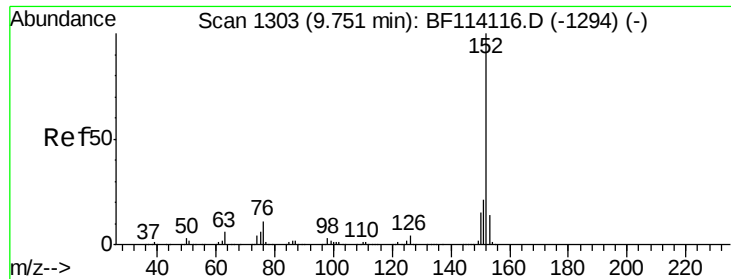
Tot Ion:162 Resp: 860306
Ion Ratio Lower Upper
162 100
127 40.6 34.0 51.0
164 33.6 26.7 40.1



#48
2-Nitroaniline
Concen: 44.267 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion: 65 Resp: 321692
Ion Ratio Lower Upper
65 100
92 67.5 53.9 80.9
138 98.1 81.4 122.0





#49

Acenaphthylene

Concen: 40.792 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

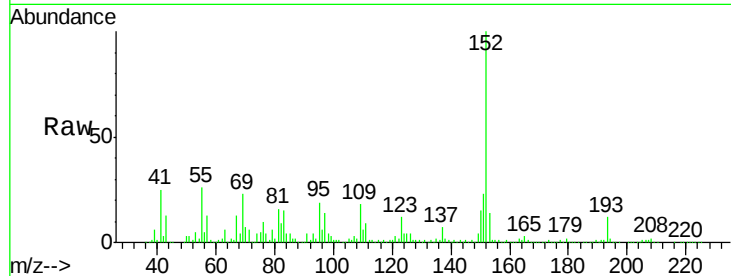
Tot Ion:152 Resp: 1271303

Ion Ratio Lower Upper

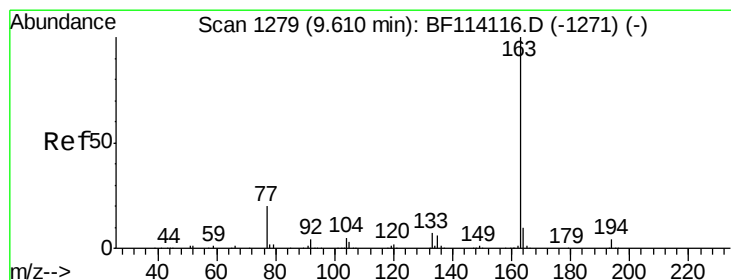
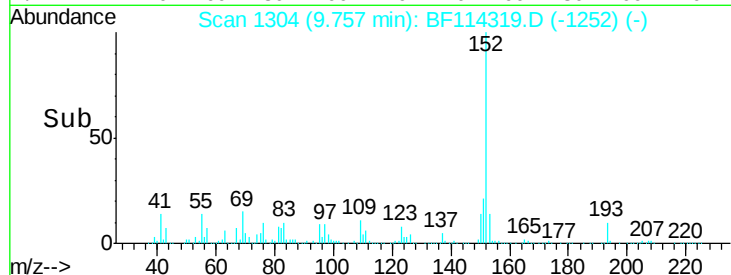
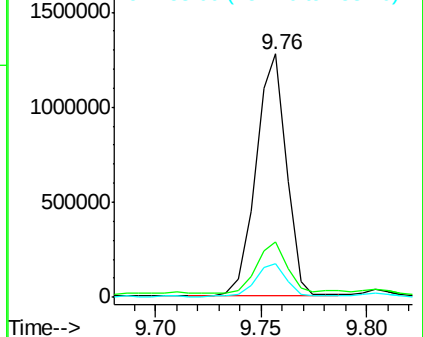
152 100

151 22.8 16.8 25.2

153 14.1 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: 50.625 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

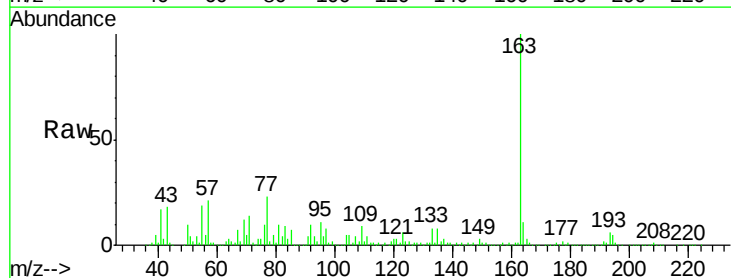
Tgt Ion:163 Resp: 1171282

Ion Ratio Lower Upper

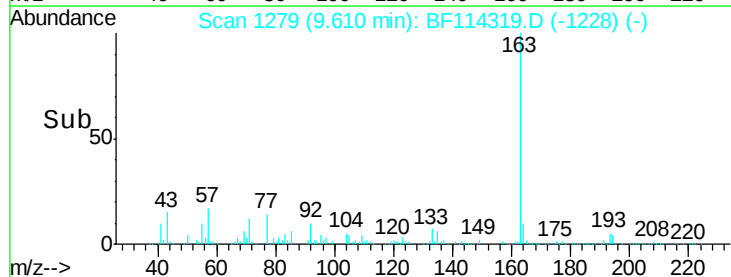
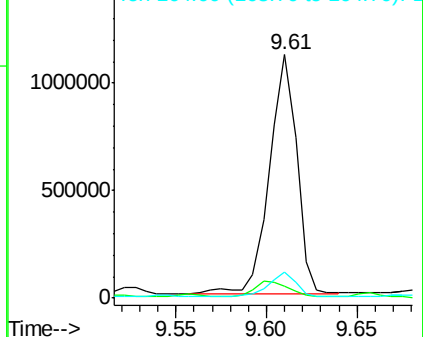
163 100

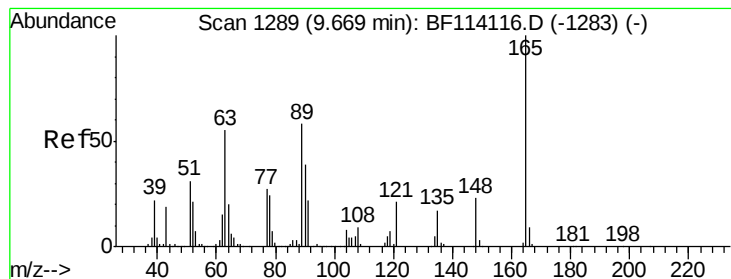
194 5.0 3.4 5.0

164 10.6 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: 50.275 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

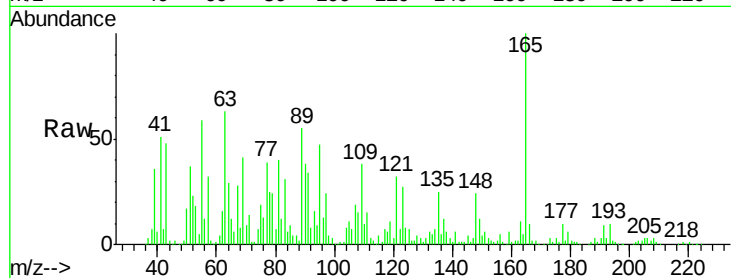
Tot Ion:165 Resp: 257992

Ion Ratio Lower Upper

165 100

63 62.6 50.2 75.4

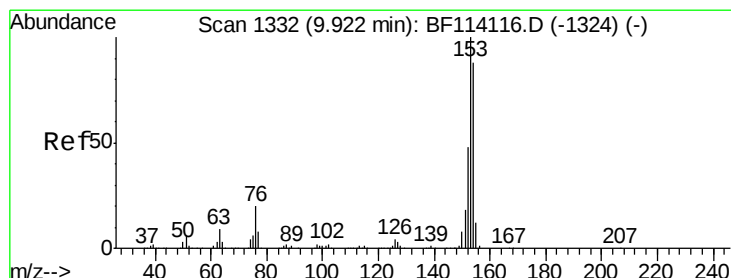
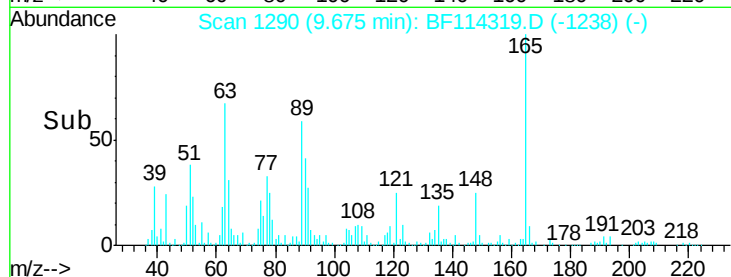
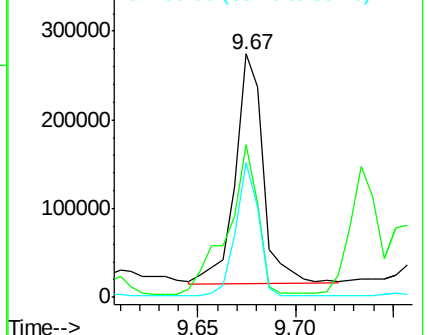
89 55.2 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.343 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

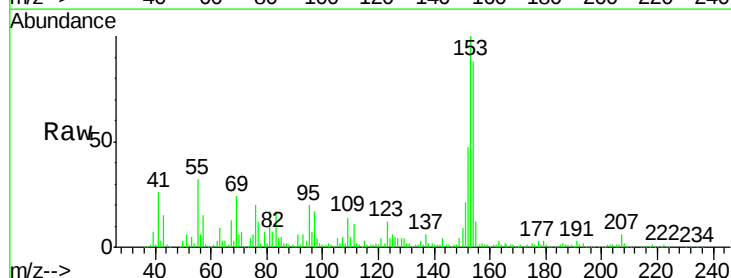
Tgt Ion:154 Resp: 714174

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

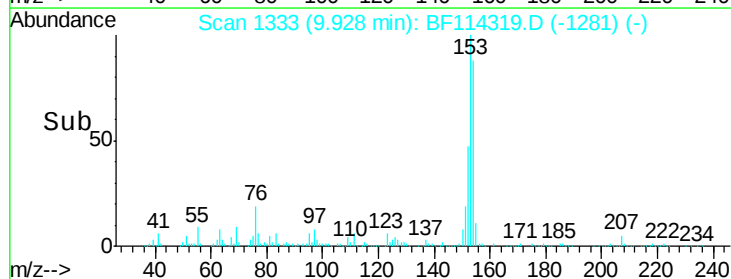
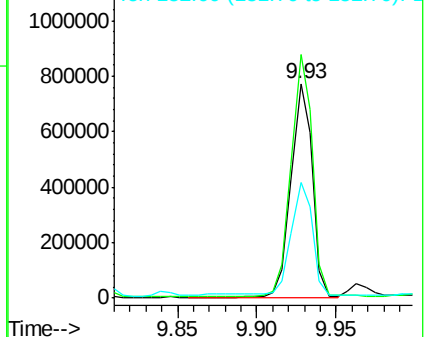
152 53.9 43.4 65.2

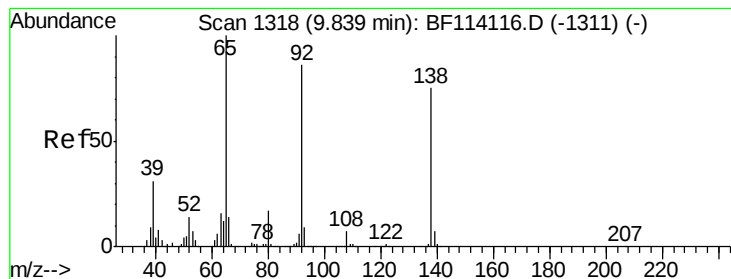


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.578 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

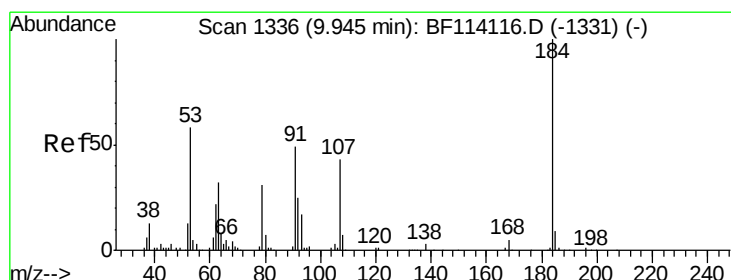
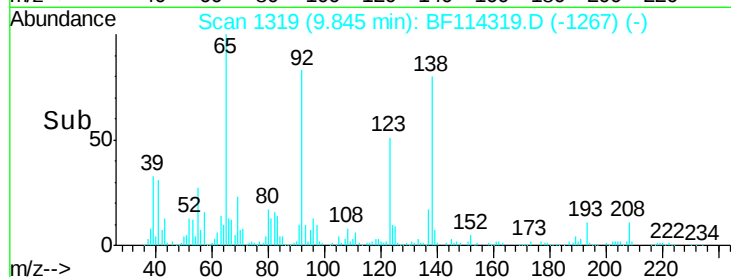
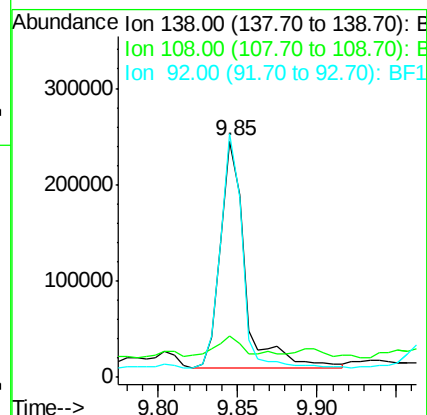
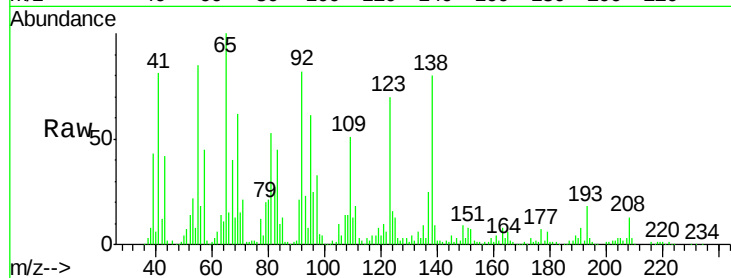
Tot Ion:138 Resp: 258488

Ion Ratio Lower Upper

138 100

108 17.3 7.8 11.6#

92 103.1 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 39.522 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

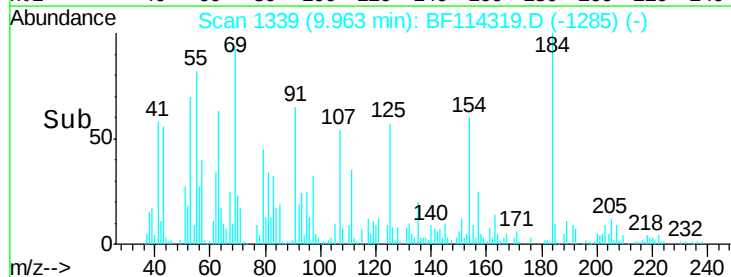
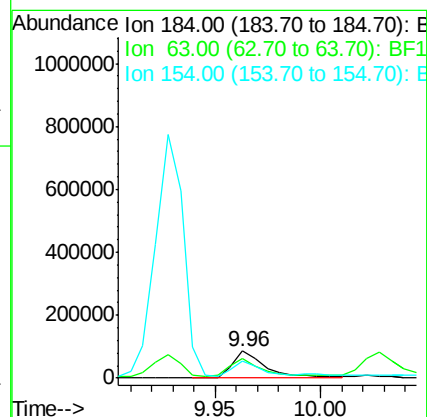
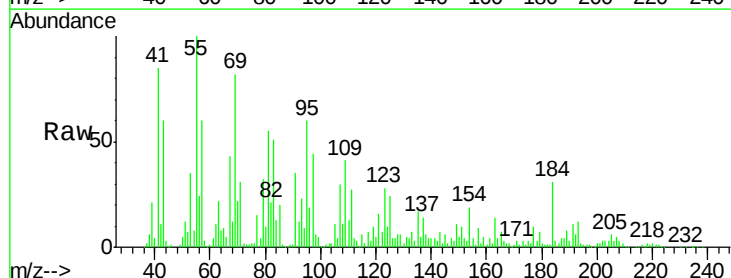
Tgt Ion:184 Resp: 92363

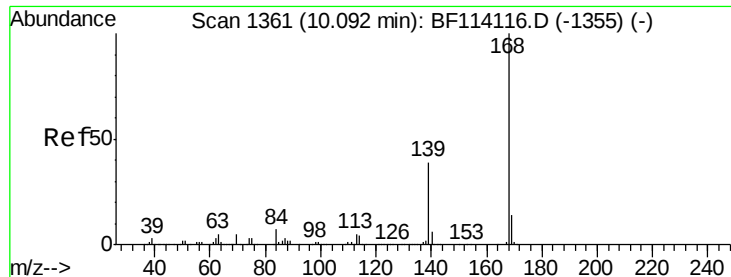
Ion Ratio Lower Upper

184 100

63 73.1 55.6 83.4

154 62.7 46.0 69.0

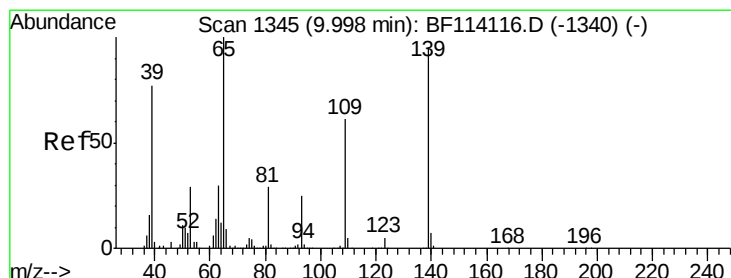
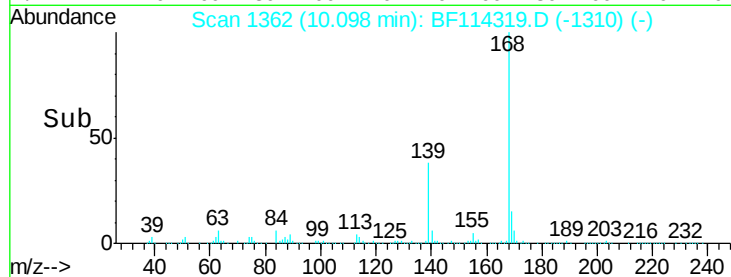
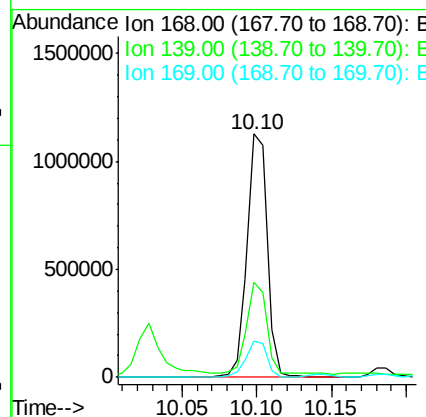
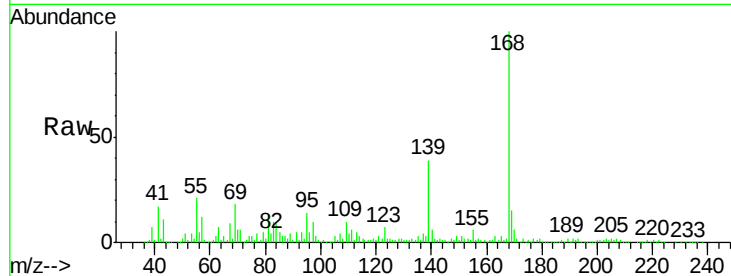




#55
Dibenzofuran
Concen: 37.713 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

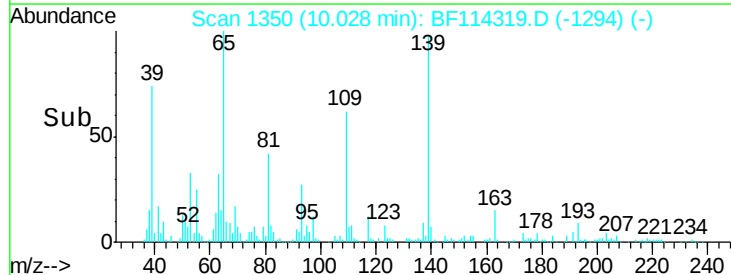
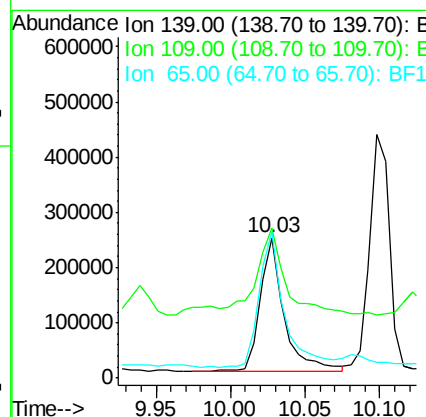
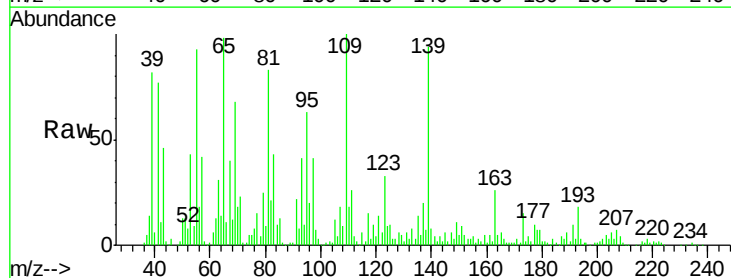
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

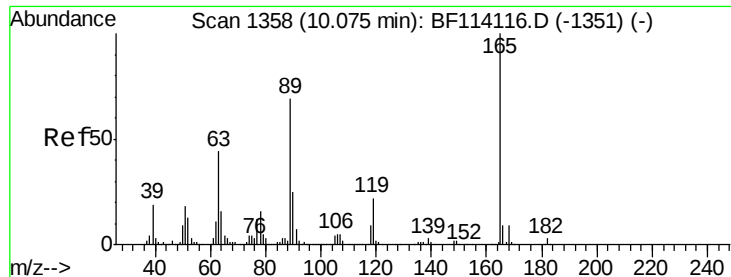
Tot Ion:168 Resp: 1057601
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 14.8 11.4 17.0



#56
4-Nitrophenol
Concen: 60.447 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:139 Resp: 272307
Ion Ratio Lower Upper
139 100
109 106.9 43.9 83.9#
65 104.8 85.7 125.7

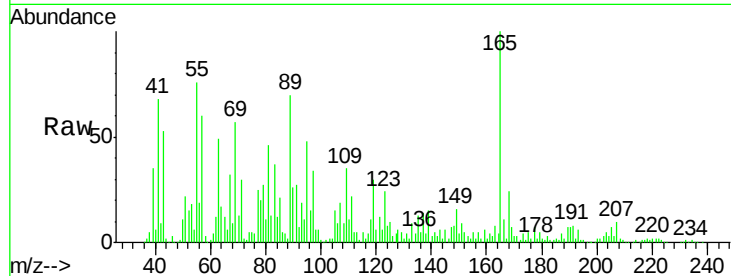




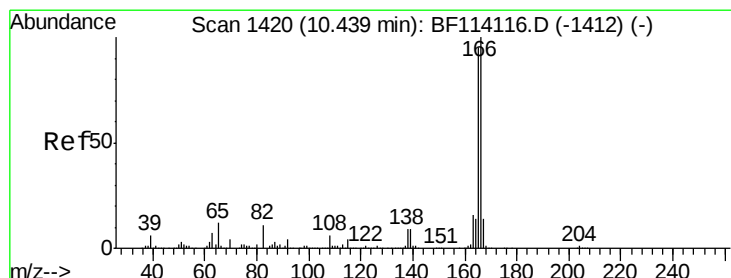
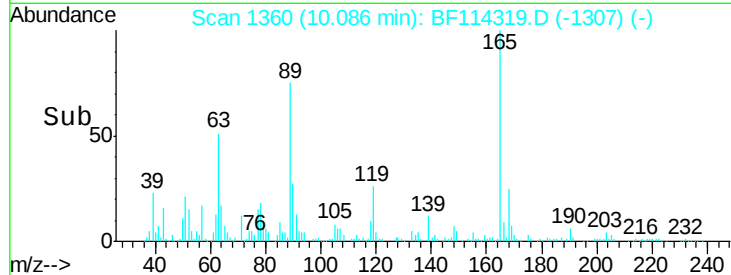
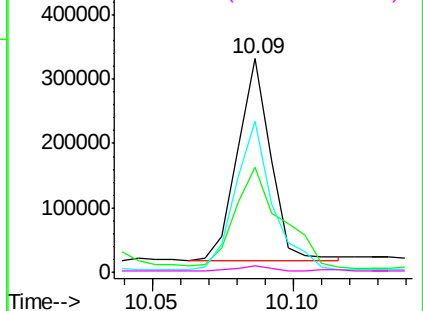
#57
2,4-Dinitrotoluene
Concen: 36.526 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:165 Resp: 254405
Ion Ratio Lower Upper
165 100
63 48.9 35.5 53.3
89 70.5 55.2 82.8
182 2.8 2.2 3.2

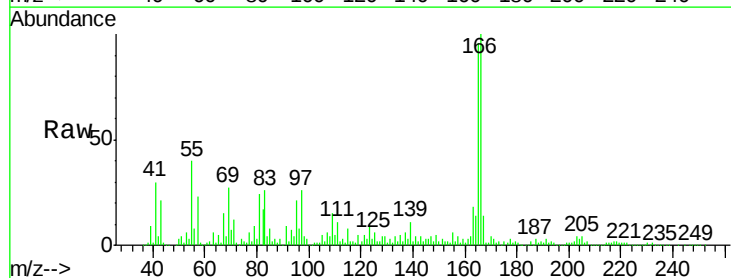


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

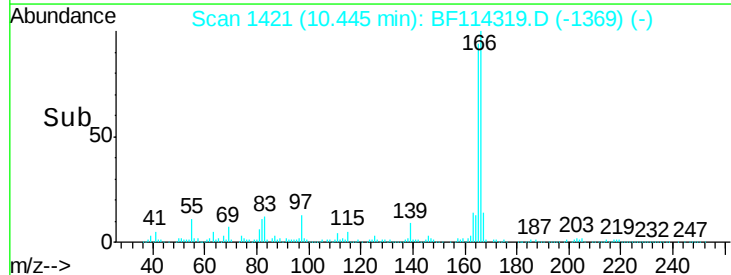
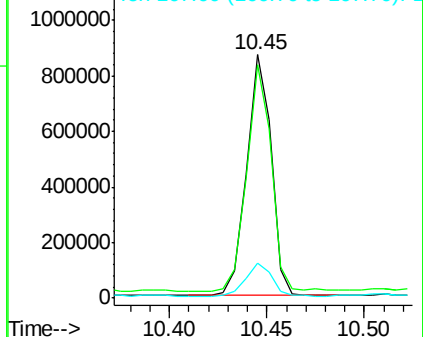


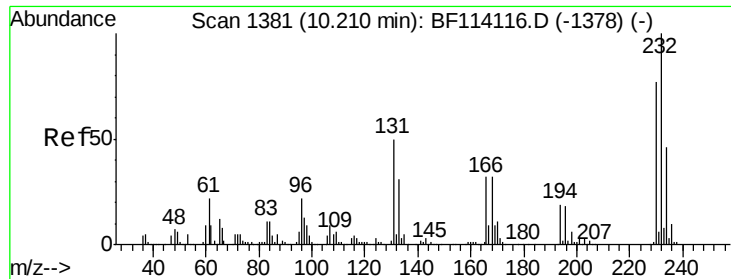
#58
Fluorene
Concen: 34.710 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:166 Resp: 751855
Ion Ratio Lower Upper
166 100
165 95.7 76.1 114.1
167 14.2 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

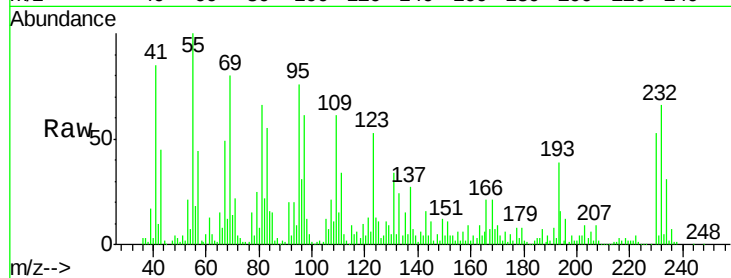




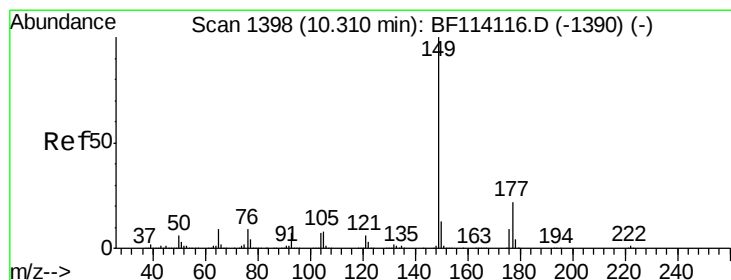
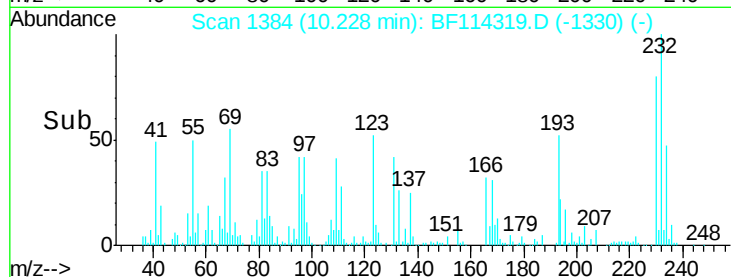
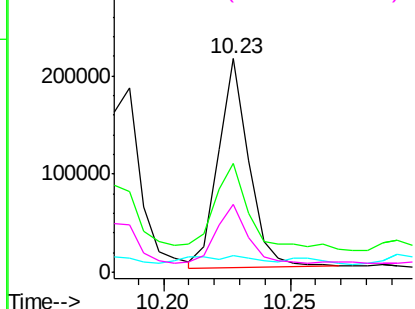
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.488 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion:232 Resp: 177162
 Ion Ratio Lower Upper
 232 100
 131 55.2 35.6 53.4#
 130 4.9 1.6 2.4#
 166 29.5 24.1 36.1

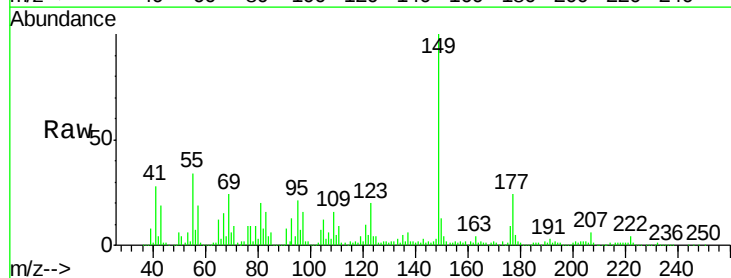


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

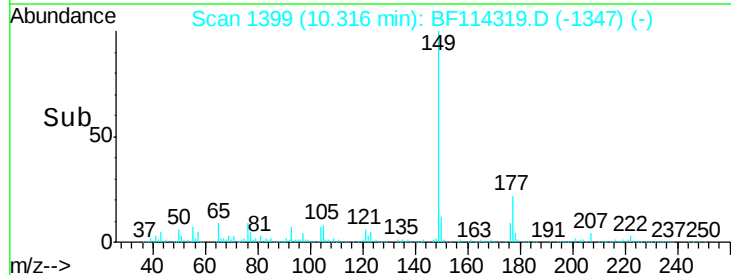
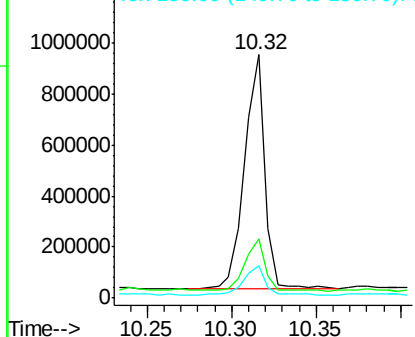


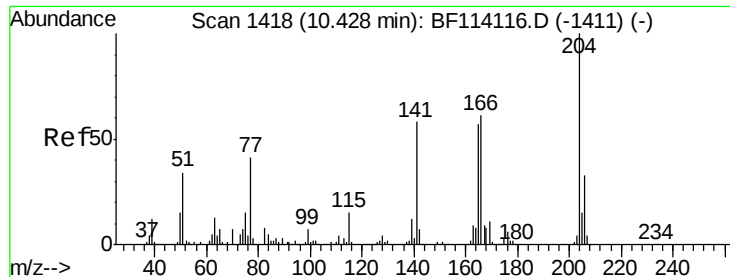
#60
 Diethylphthalate
 Concen: 32.939 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:149 Resp: 774328
 Ion Ratio Lower Upper
 149 100
 177 24.4 17.8 26.6
 150 13.1 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

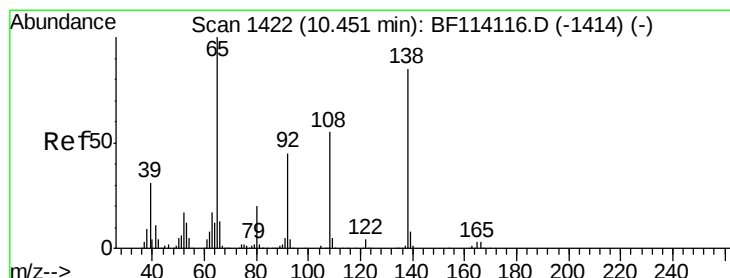
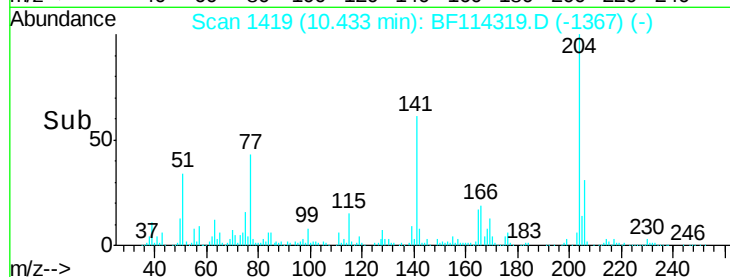
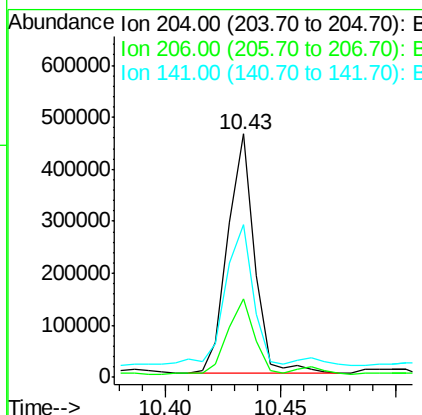
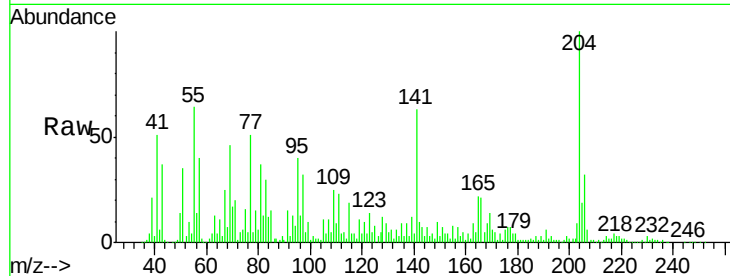




#61
4-Chlorophenyl-phenylether
Concen: 34.826 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

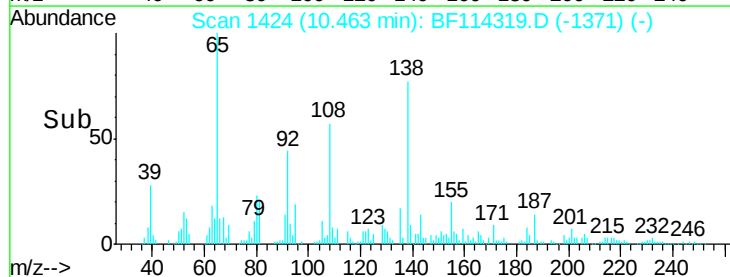
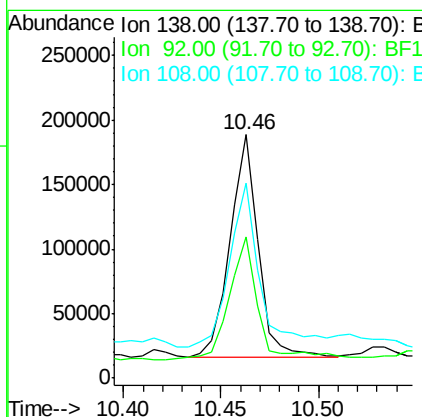
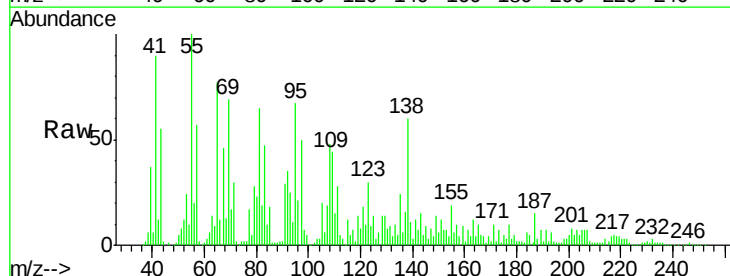
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:204 Resp: 370501
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 62.7 46.4 69.6



#62
4-Nitroaniline
Concen: 26.162 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:138 Resp: 175121
Ion Ratio Lower Upper
138 100
92 57.9 33.0 73.0
108 80.3 44.9 84.9

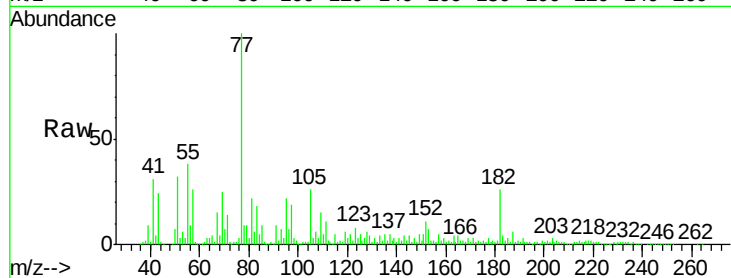




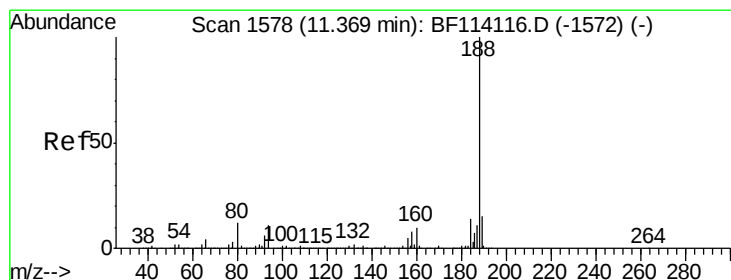
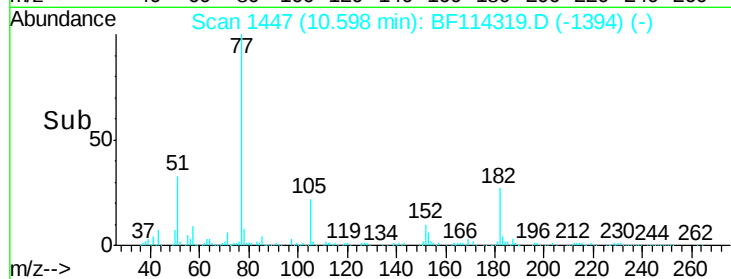
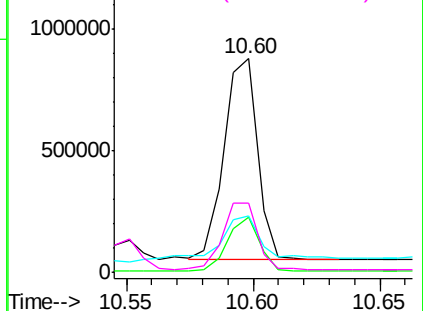
#63
Azobenzene
Concen: 33.249 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:	77	Resp:	756564
Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.7	44.7
105	26.4	2.9	42.9
51	32.4	14.6	54.6

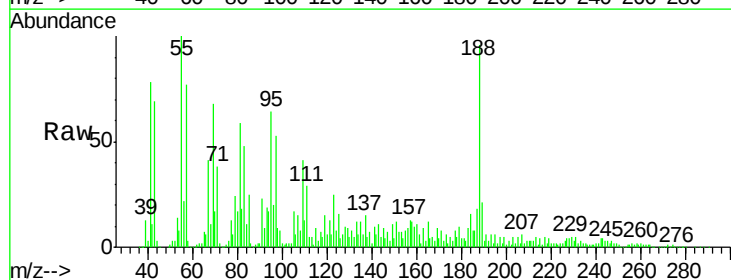


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

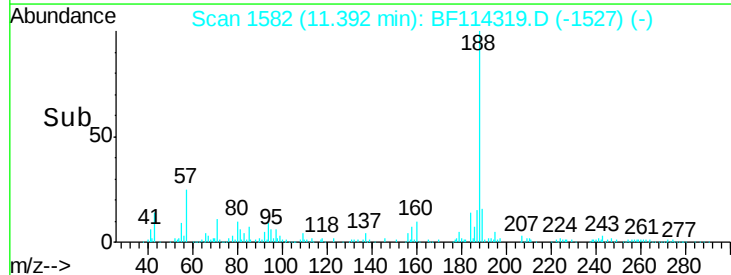
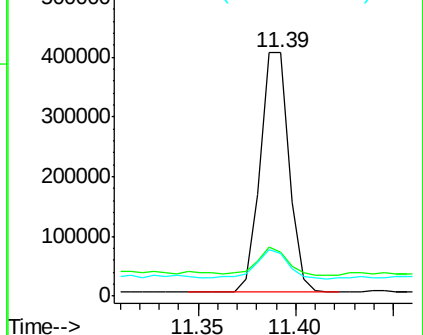


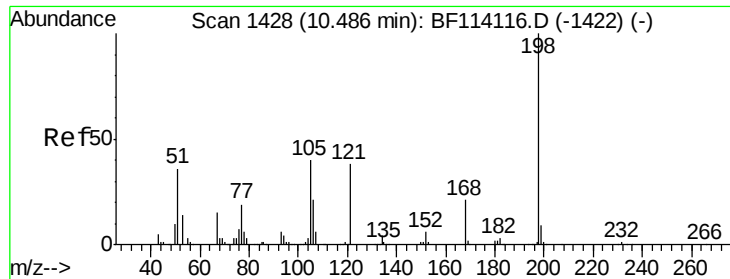
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:	188	Resp:	411905
Ion	Ratio	Lower	Upper
188	100		
94	18.2	8.4	12.6#
80	17.3	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.578 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

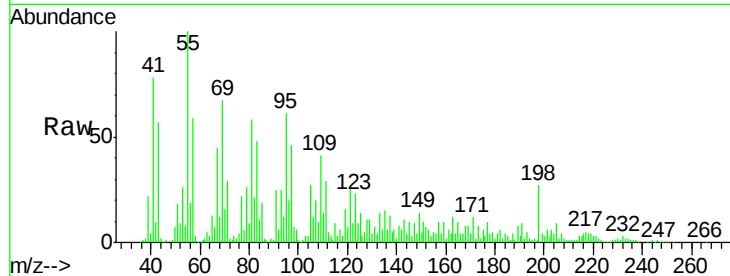
Tot Ion:198 Resp: 82294

Ion Ratio Lower Upper

198 100

51 66.0 28.0 68.0

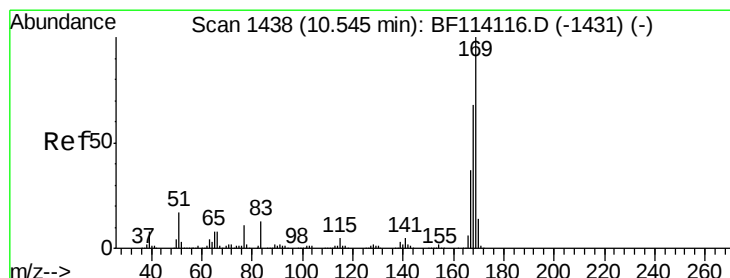
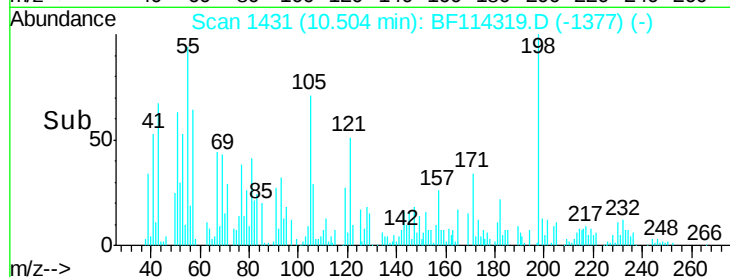
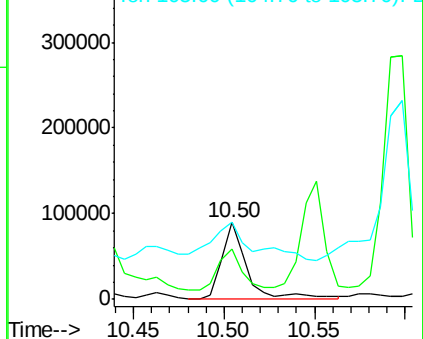
105 100.1 21.1 61.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.593 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

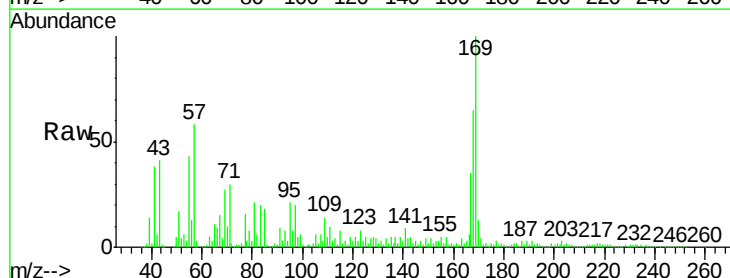
Tgt Ion:169 Resp: 732499

Ion Ratio Lower Upper

169 100

168 65.1 54.2 81.2

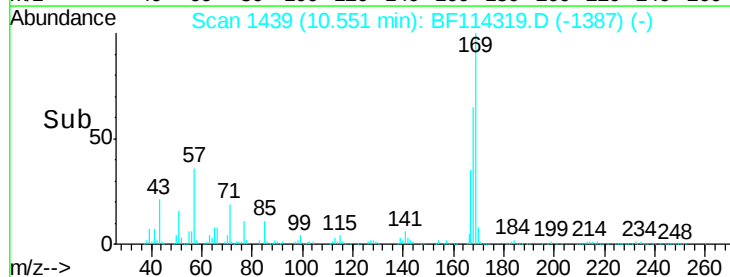
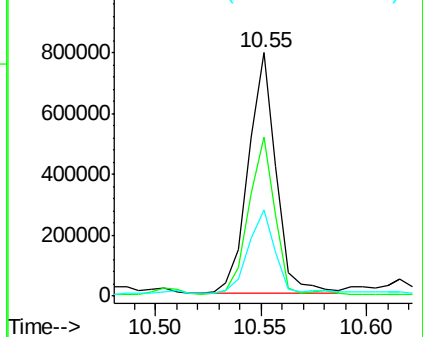
167 35.3 29.8 44.8

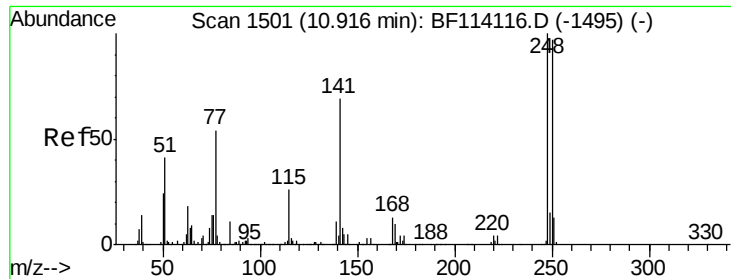


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

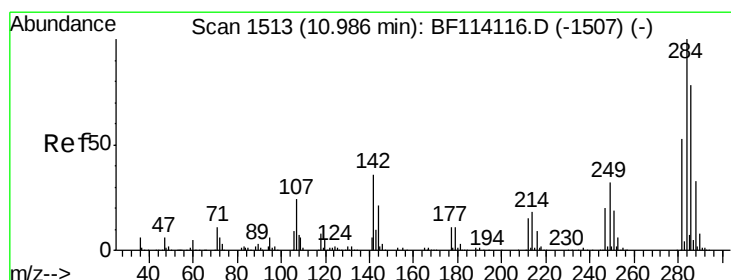
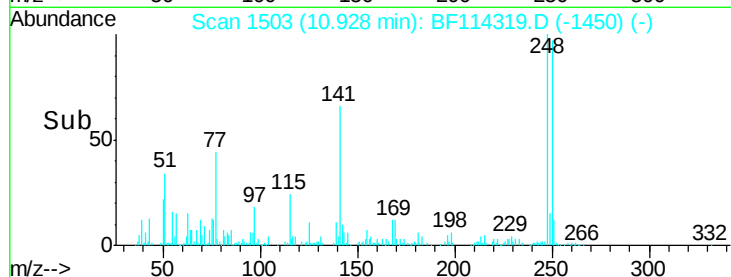
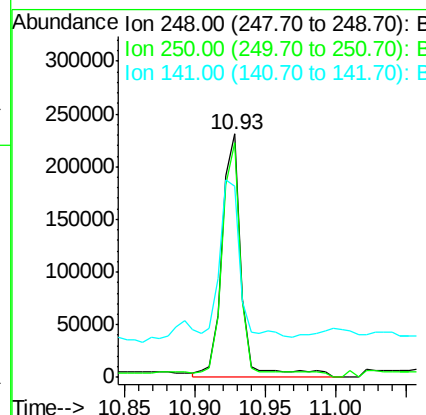
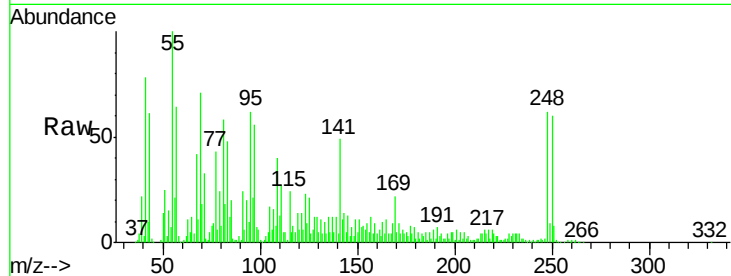




#67
4-Bromophenyl-phenylether
Concen: 49.436 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

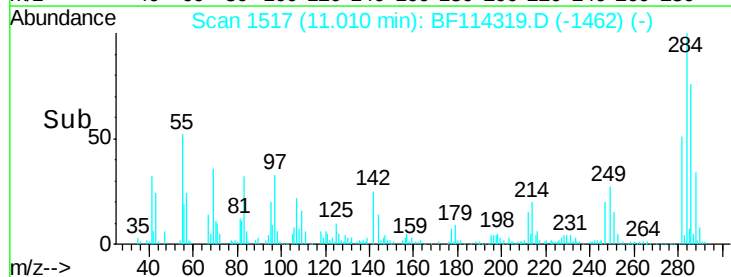
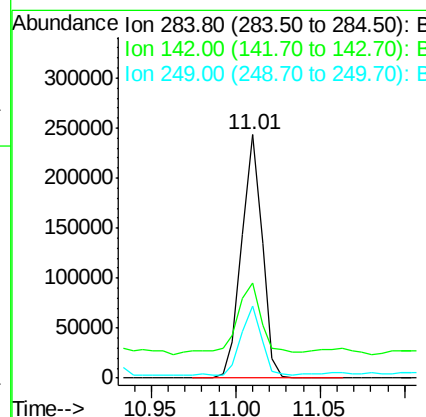
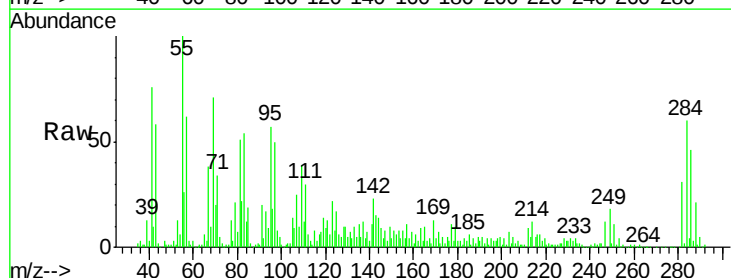
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

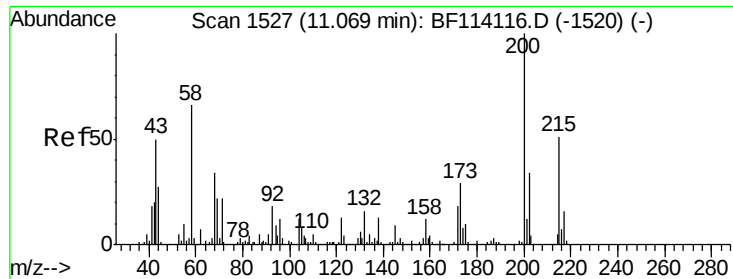
Tot Ion:248 Resp: 224203
Ion Ratio Lower Upper
248 100
250 96.4 77.4 116.2
141 78.3 55.6 83.4



#68
Hexachlorobenzene
Concen: 41.252 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:284 Resp: 206971
Ion Ratio Lower Upper
284 100
142 38.9 28.4 42.6
249 29.6 25.2 37.8





#69

Atrazine

Concen: 45.440 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

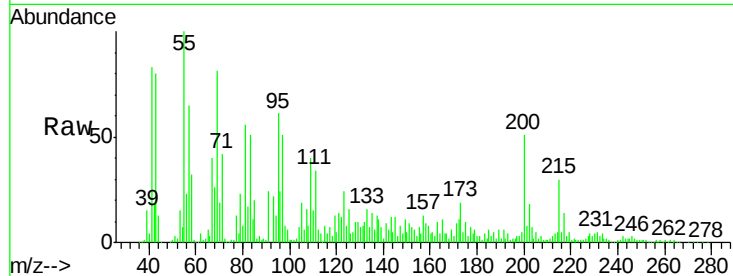
Tot Ion:200 Resp: 176780

Ion Ratio Lower Upper

200 100

173 37.7 8.9 48.9

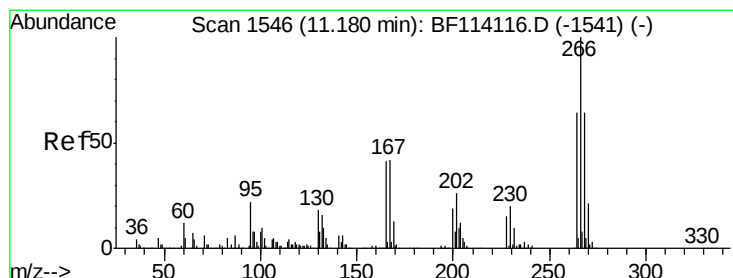
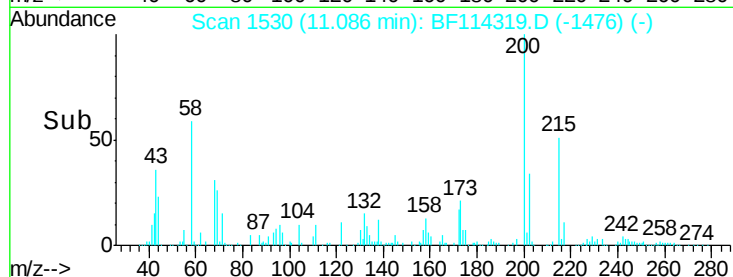
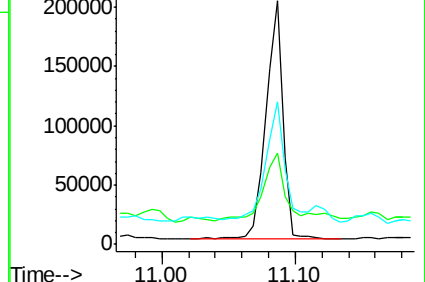
215 58.7 30.7 70.7



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: 64.866 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

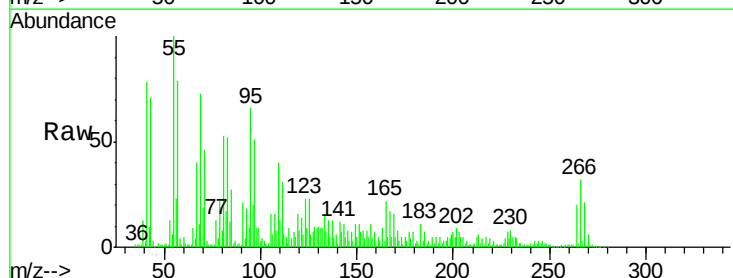
Tgt Ion:266 Resp: 154275

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

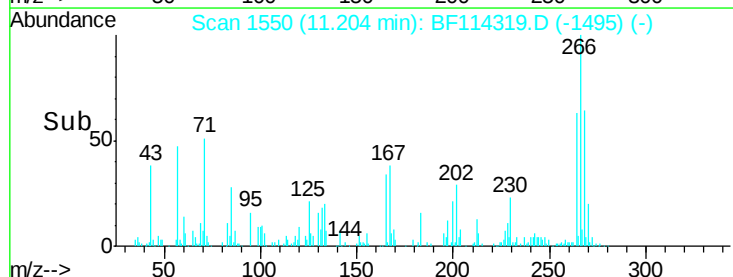
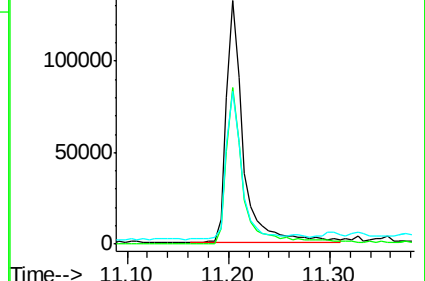
264 62.9 51.1 76.7

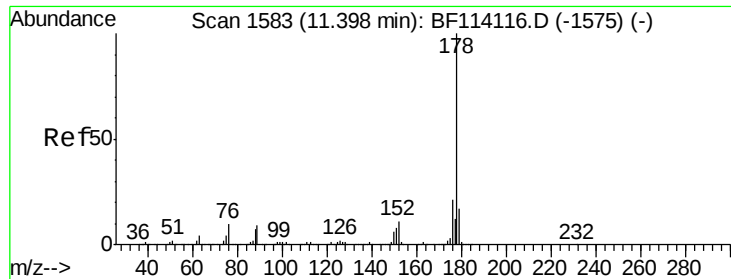


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.268 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

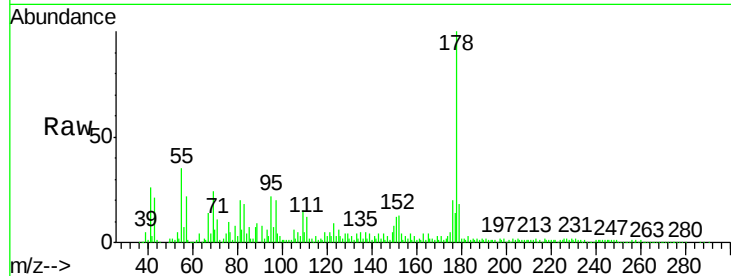
Tot Ion:178 Resp: 907163

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

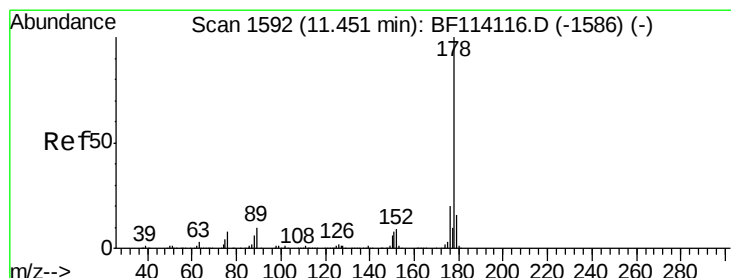
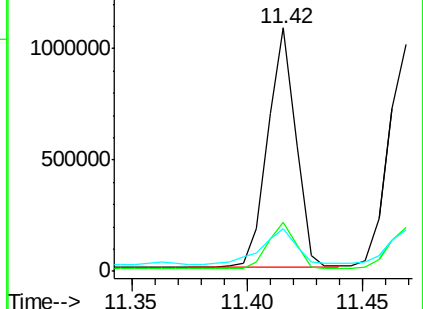
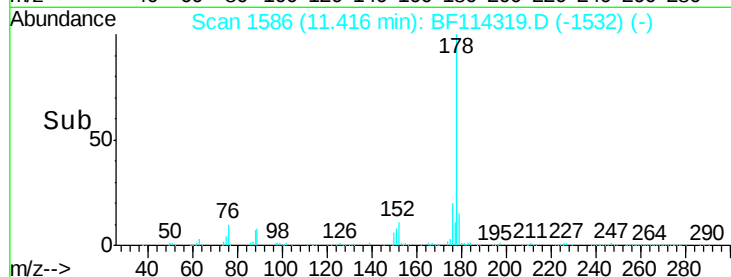
179 17.8 13.2 19.8



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: 44.216 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

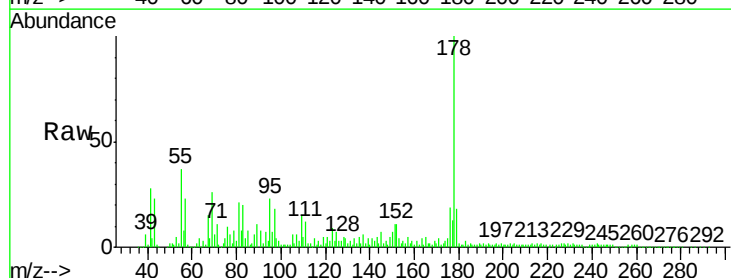
Tgt Ion:178 Resp: 889978

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

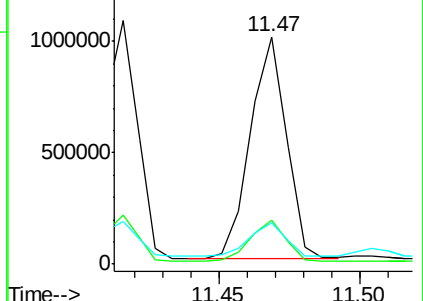
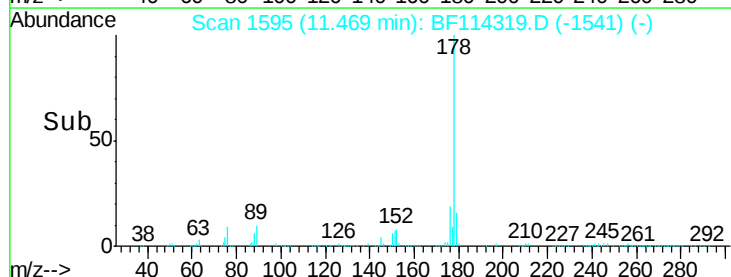
179 18.1 13.0 19.4

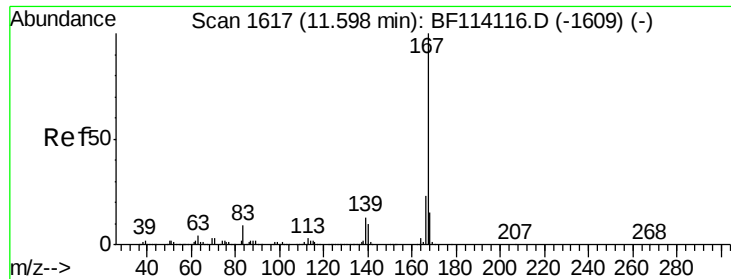


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

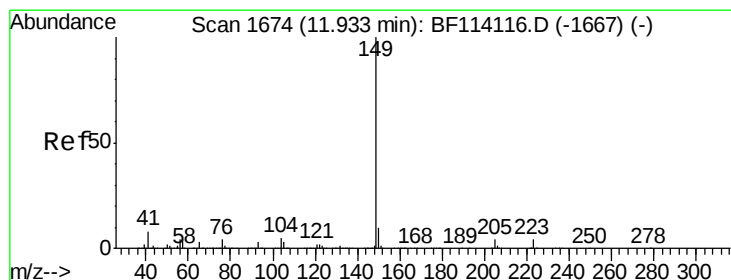
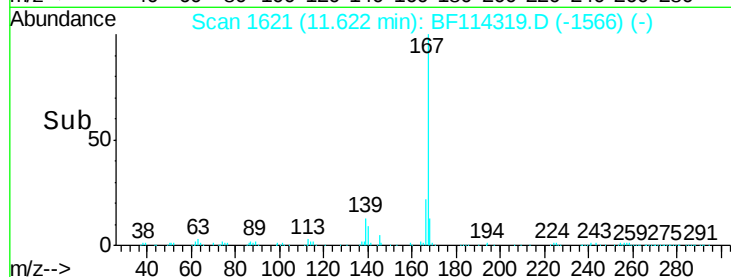
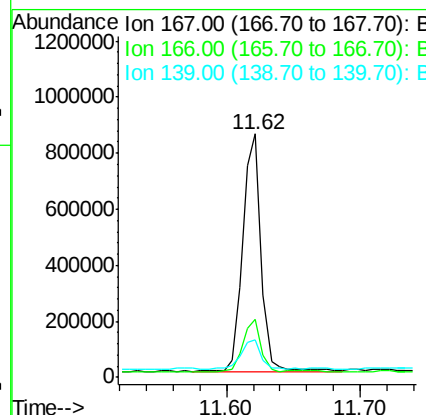
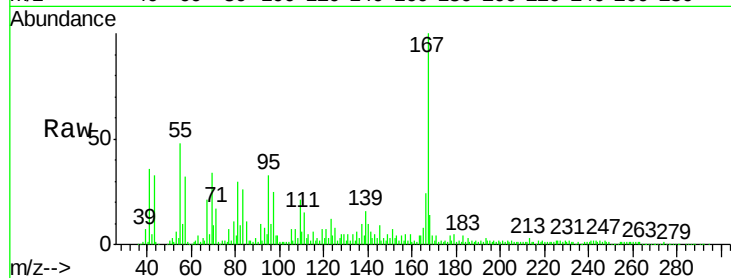




#73
 Carbazole
 Concen: 42.630 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.02 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

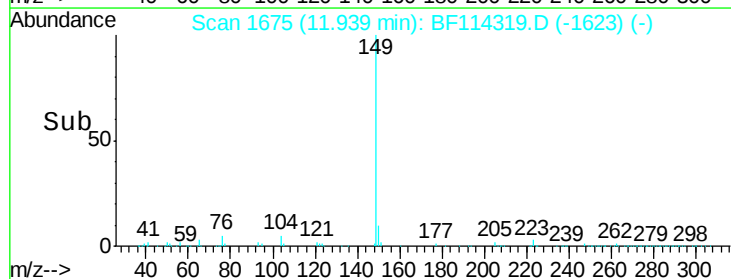
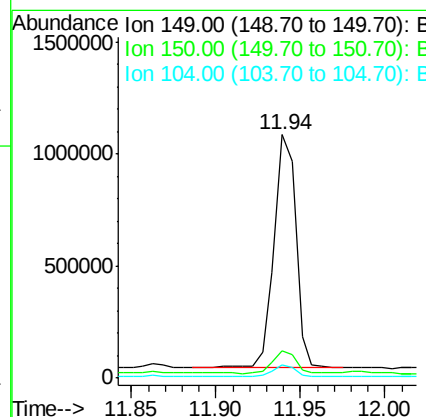
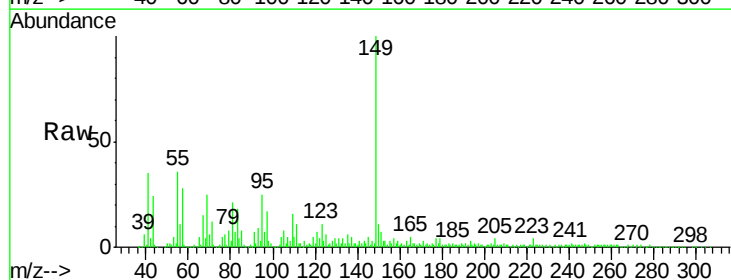
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

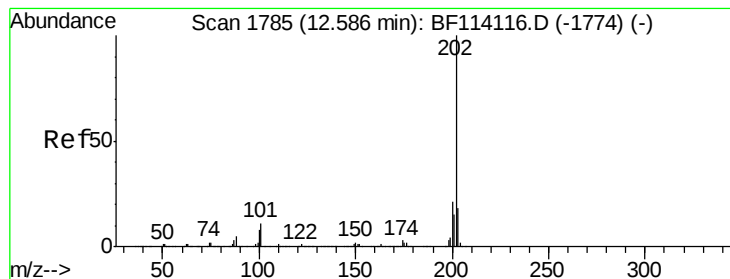
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.2	27.2
139	15.6	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 42.542 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.7	11.5
104	5.2	3.6	5.4





#75

Fluoranthene

Concen: 43.852 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

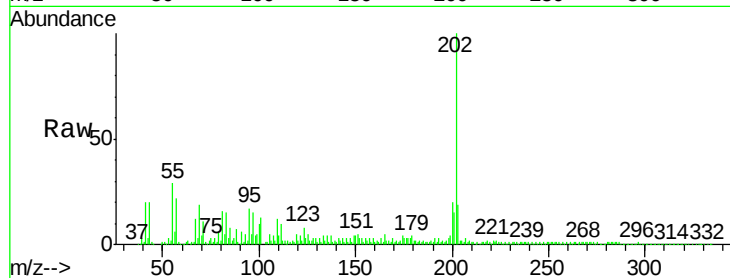
Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

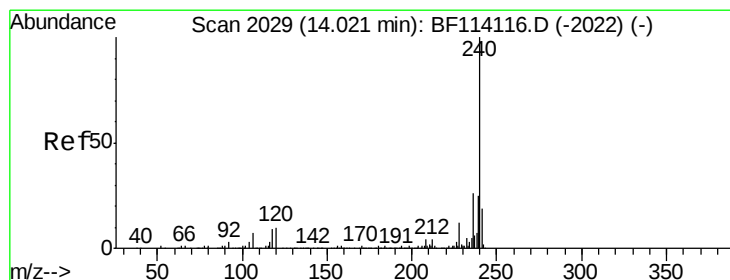
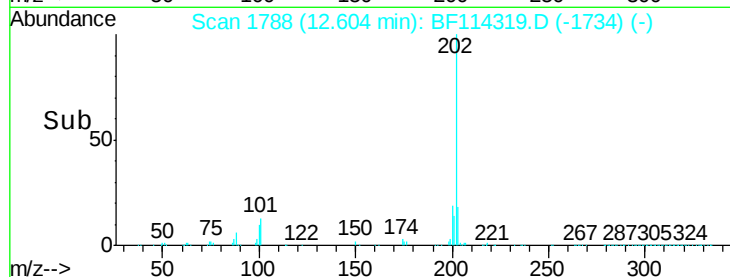
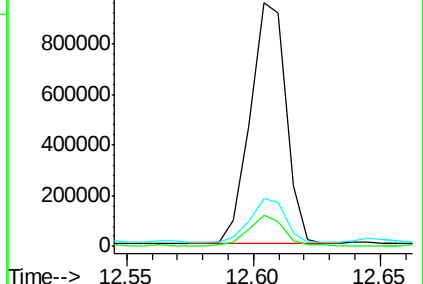
Tot Ion:	202	Resp:	946336
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.0
203	19.4	0.0	38.4



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

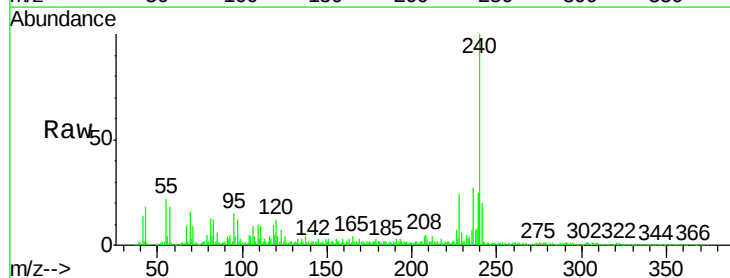
RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

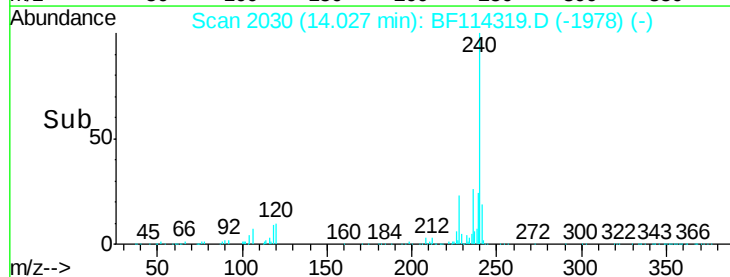
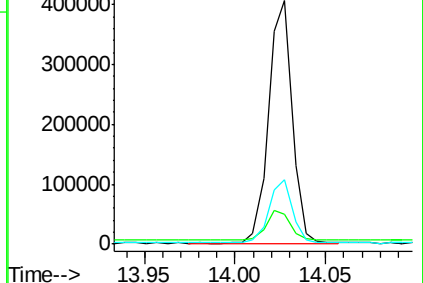
Tgt Ion:	240	Resp:	367264
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	26.7	20.8	31.2

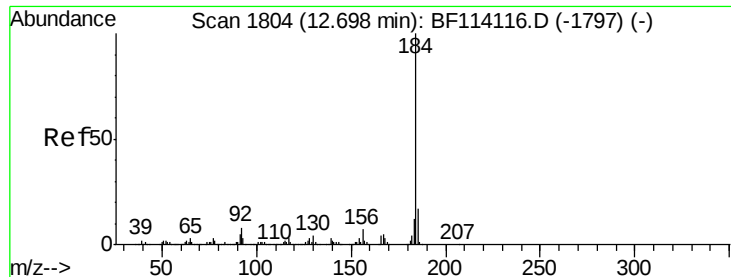


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.108 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

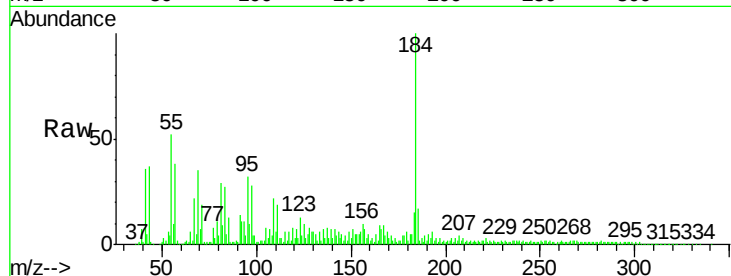
Tot Ion:184 Resp: 512839

Ion Ratio Lower Upper

184 100

185 16.9 13.6 20.4

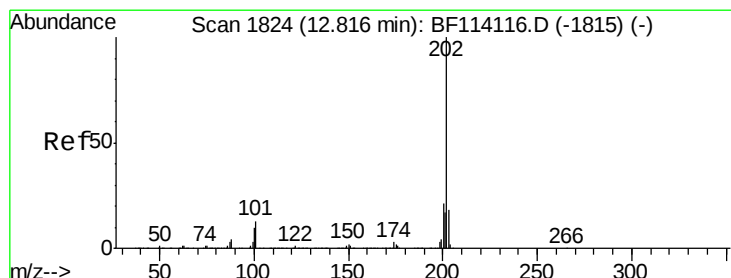
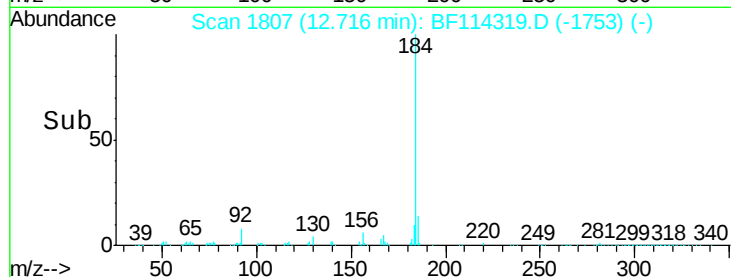
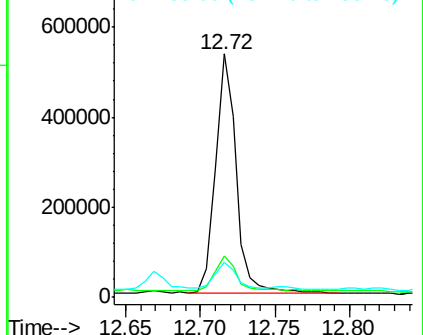
183 14.6 9.2 13.8#



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: 33.388 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

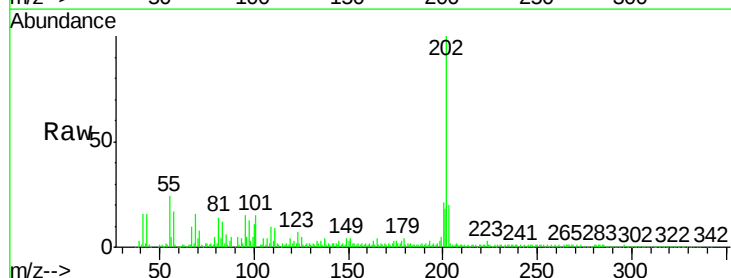
Tgt Ion:202 Resp: 986433

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

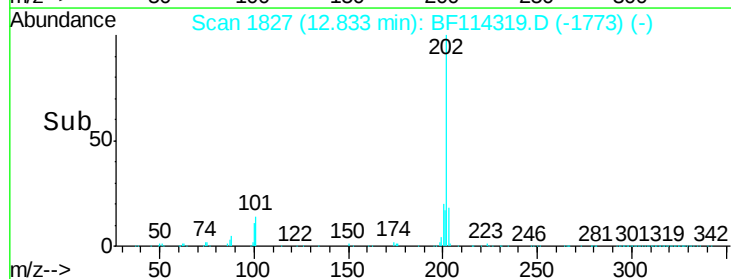
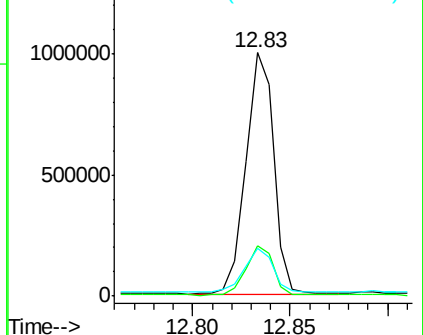
203 19.6 14.5 21.7

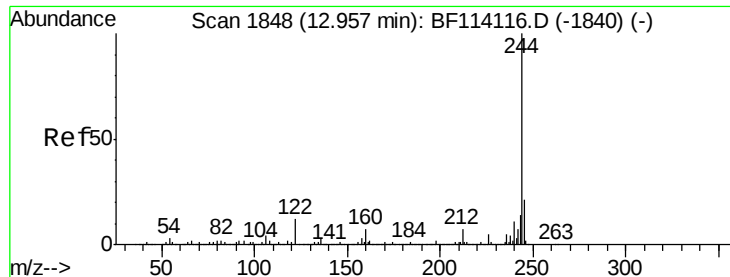


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.660 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

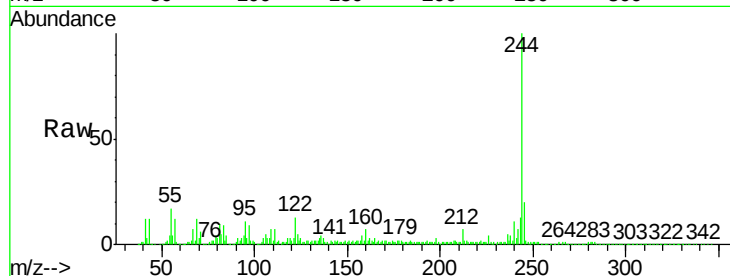
Tot Ion:244 Resp: 1151986

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

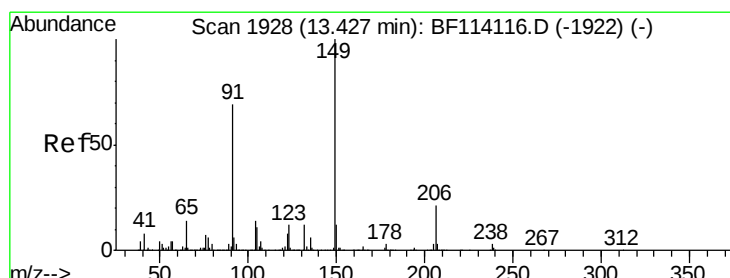
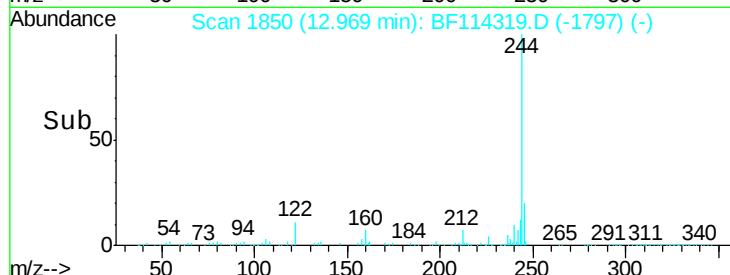
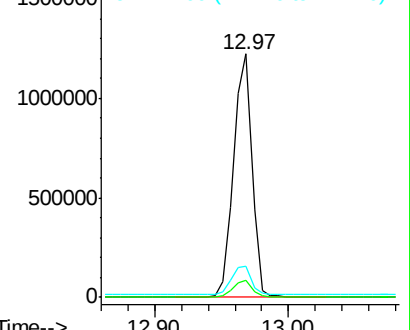
122 12.5 9.4 14.2



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: 34.969 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

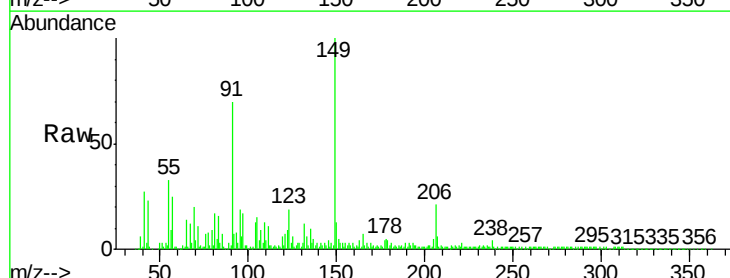
Tgt Ion:149 Resp: 434857

Ion Ratio Lower Upper

149 100

91 70.5 55.0 82.4

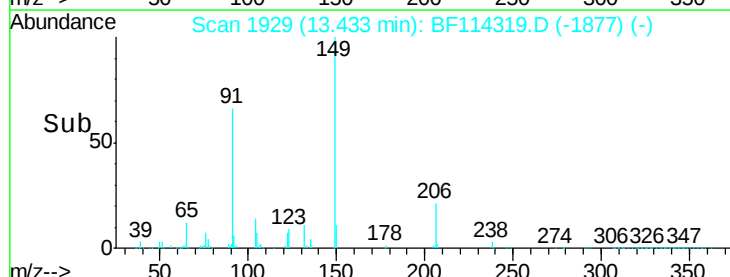
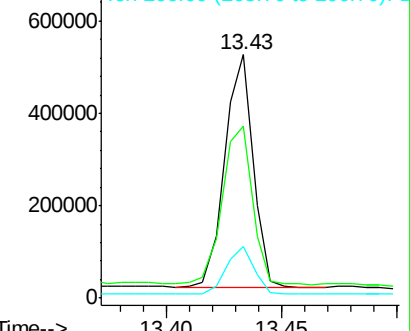
206 21.3 16.9 25.3

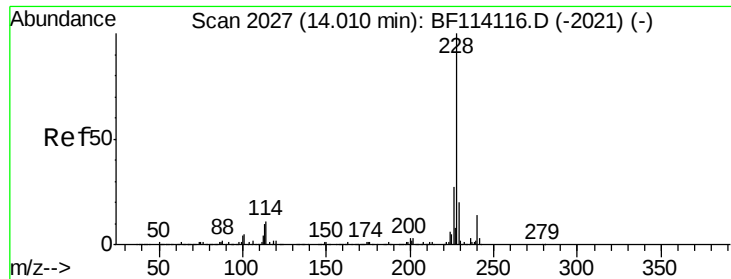


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

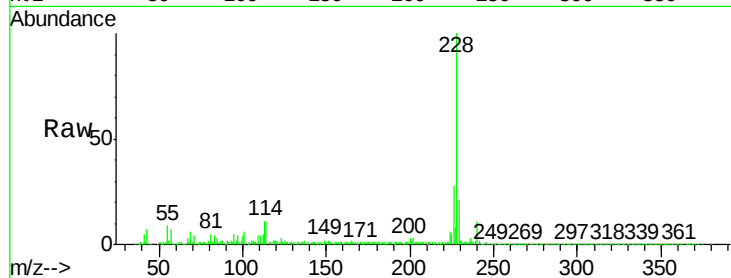




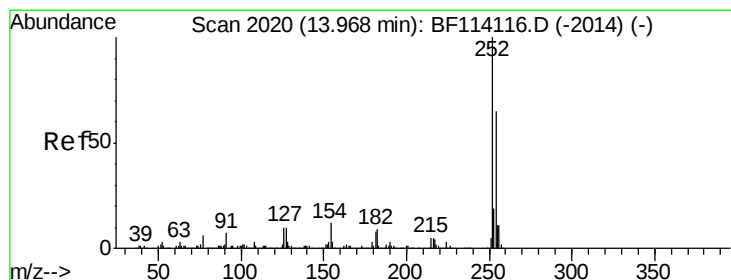
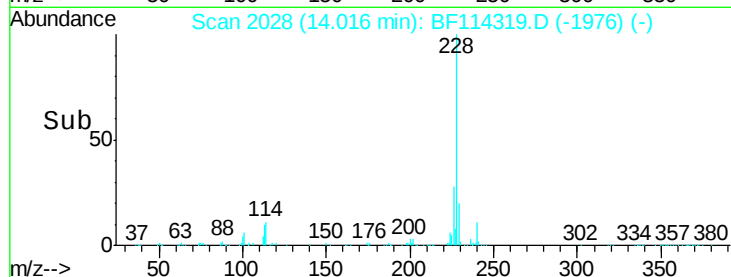
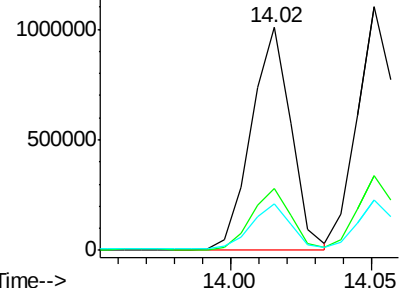
#81
Benzo(a)anthracene
Concen: 41.098 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:228 Resp: 976254
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 20.7 16.4 24.6

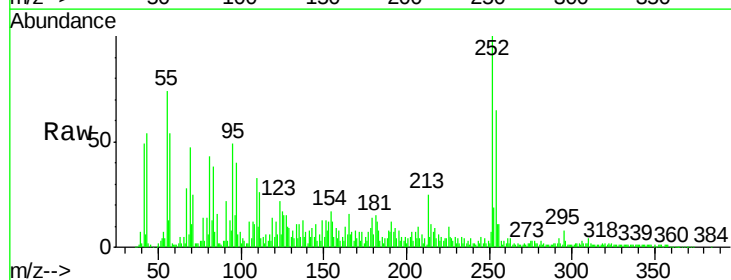


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

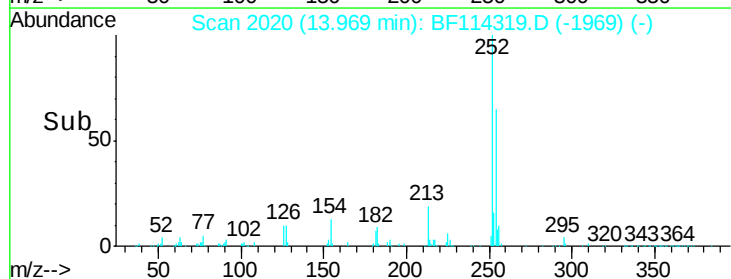
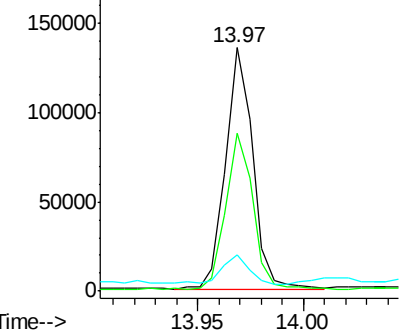


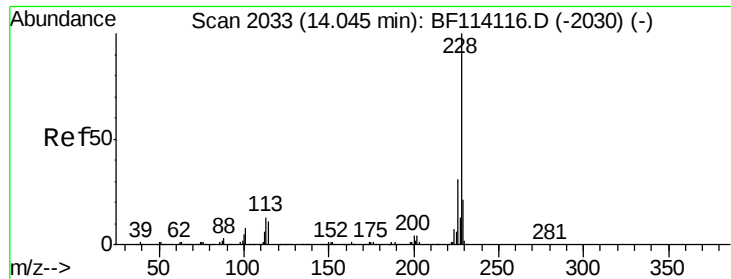
#82
3,3'-Dichlorobenzidine
Concen: 13.100 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:252 Resp: 120719
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 15.0 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

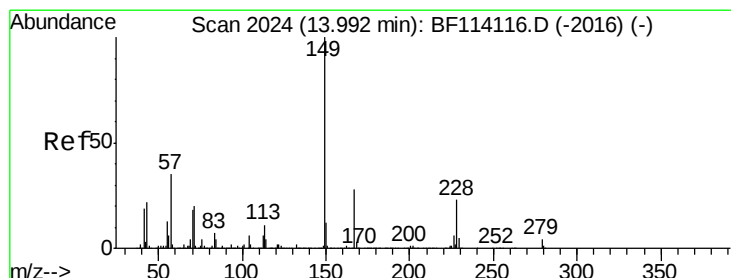
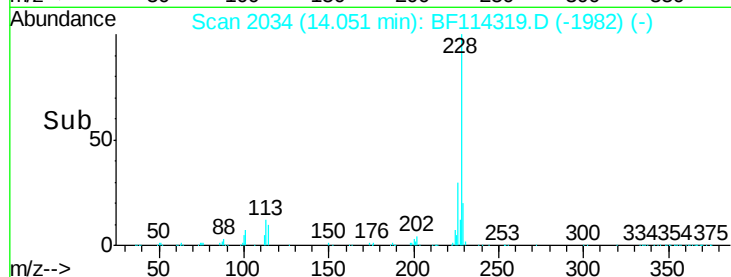
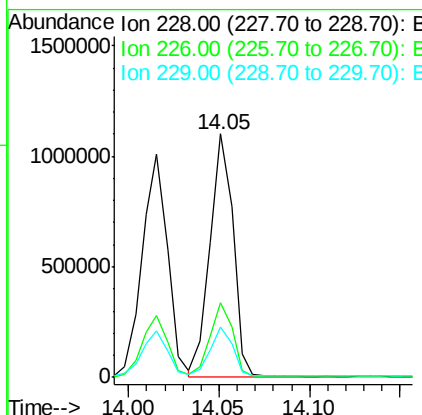
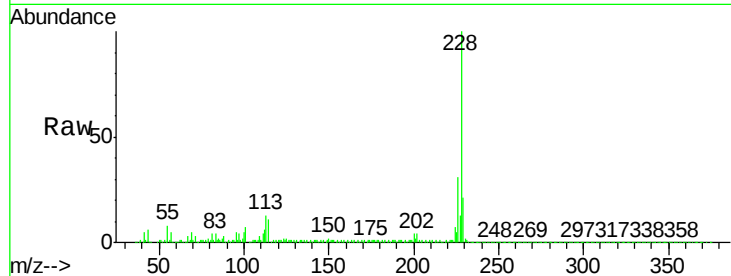




#83
 Chrvsene
 Concen: 41.835 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

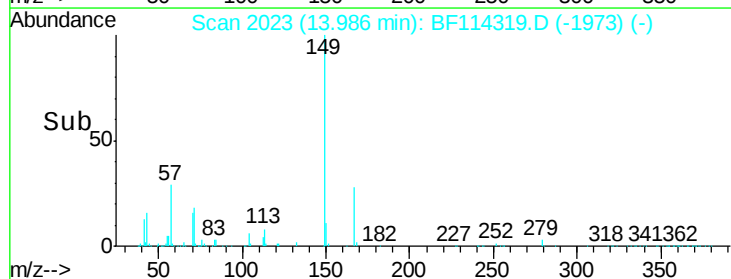
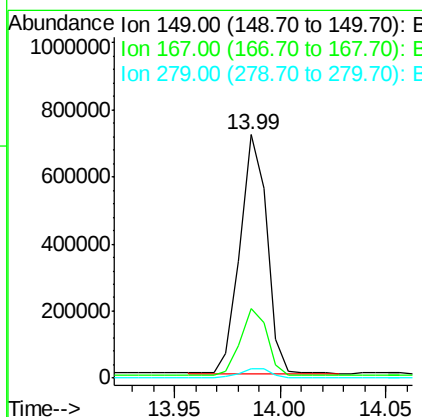
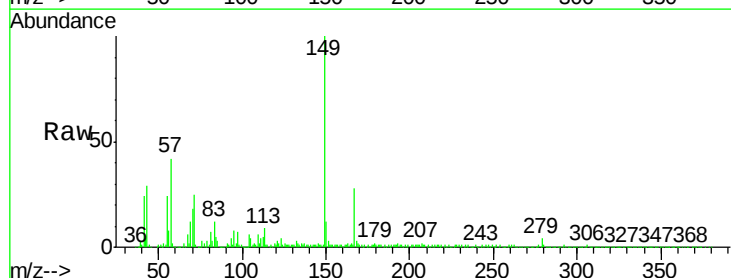
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

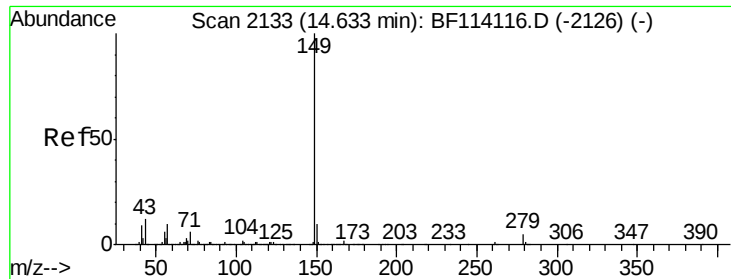
Tot Ion:228 Resp: 974170
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.5 17.0 25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.717 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:149 Resp: 629700
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.748 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

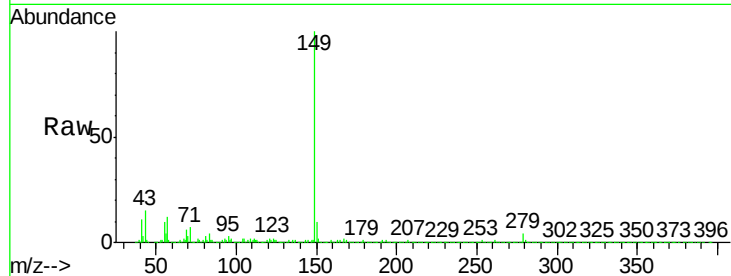
BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:149 Resp: 1179800

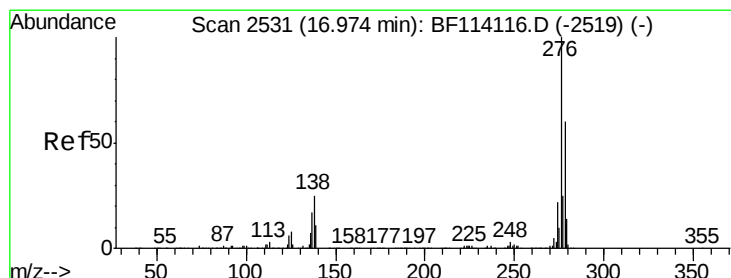
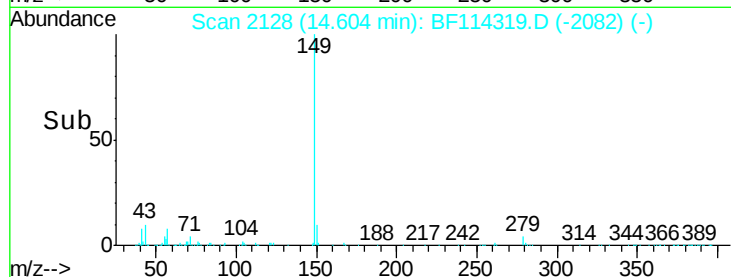
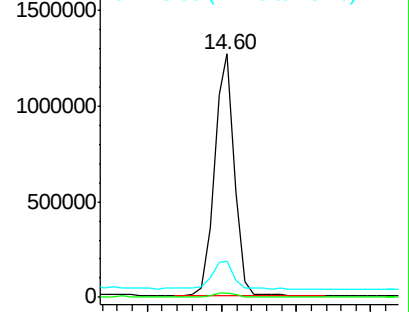
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.5	10.1	15.1



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: 72.468 ng

RT: 16.99 min Scan# 2534

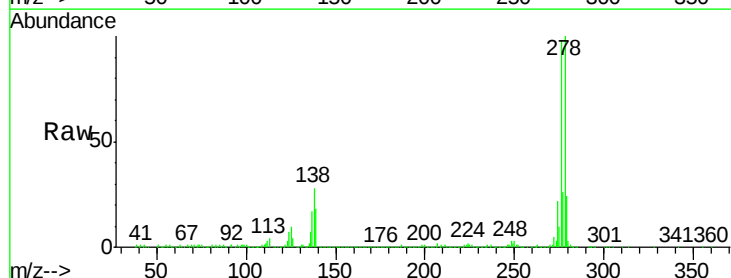
Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:276 Resp: 1491377

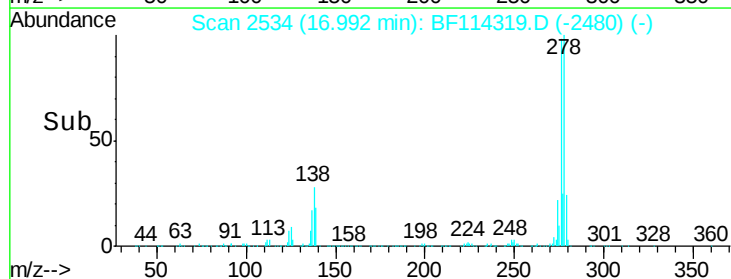
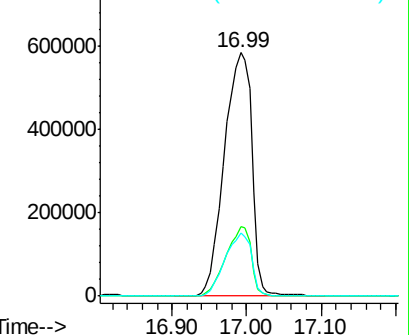
Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.2
277	24.8	20.0	30.0

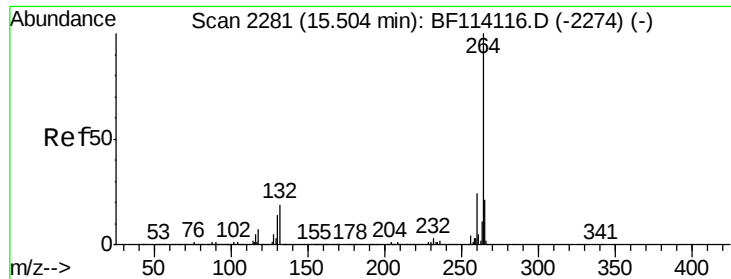


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

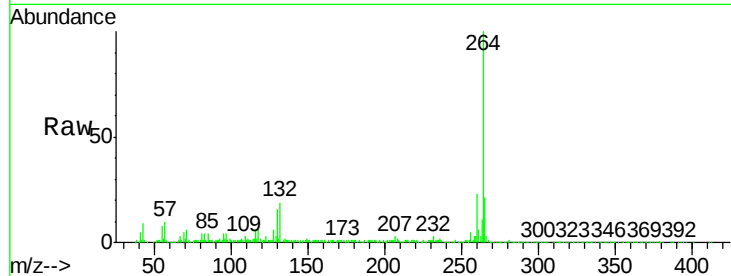
Tot Ion:264 Resp: 521952

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.0

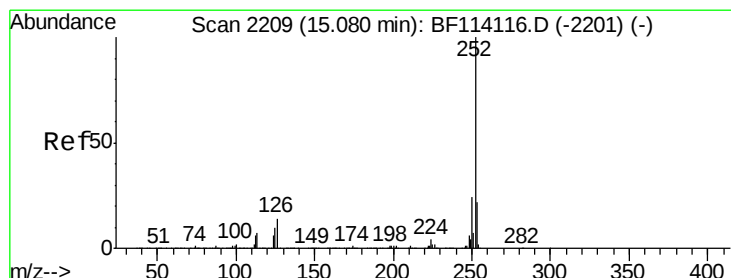
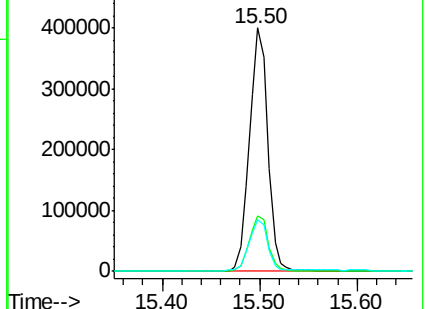
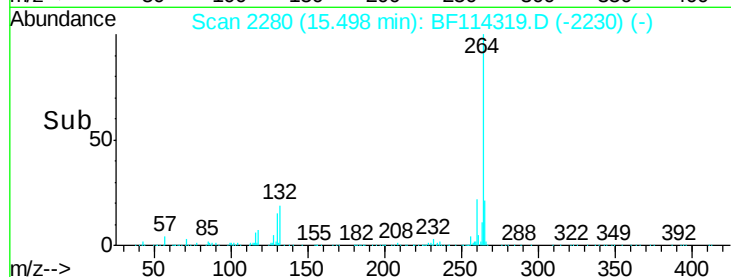
265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.314 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

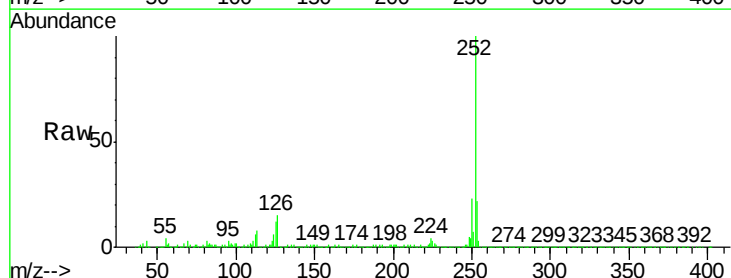
Tgt Ion:252 Resp: 1281178

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

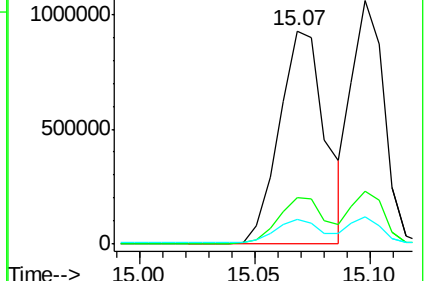
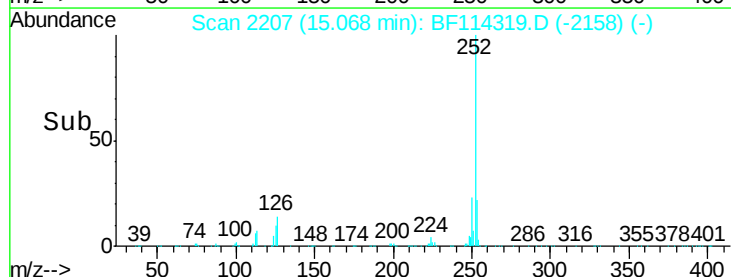
125 11.6 8.3 12.5

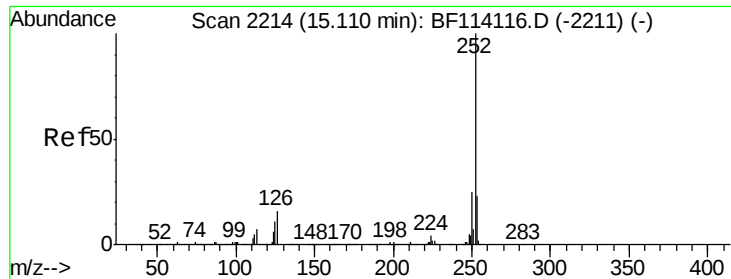


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

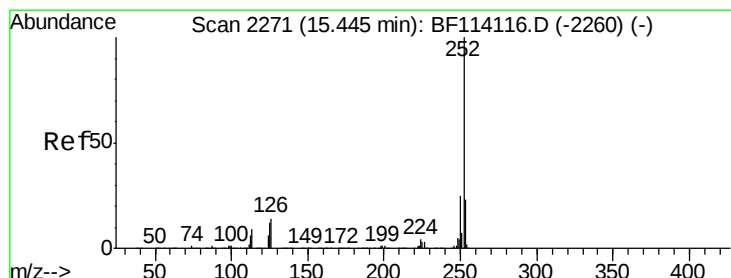
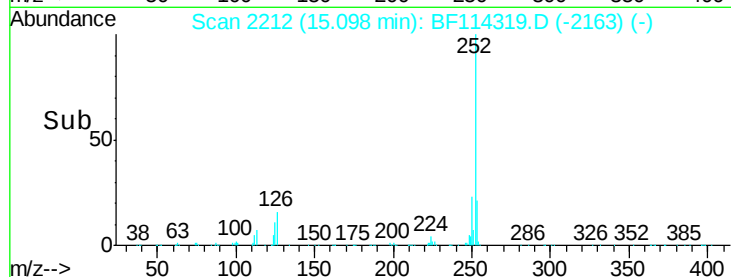
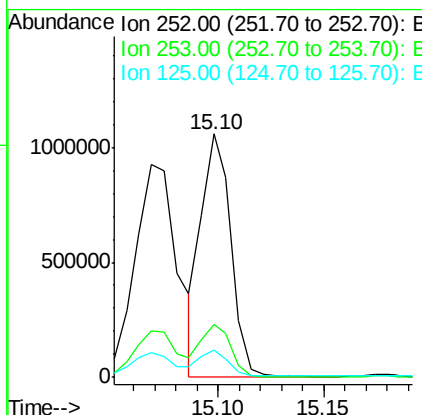
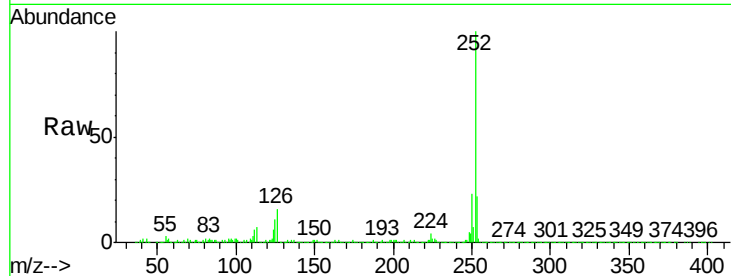




#89
Benzo(k)fluoranthene
Concen: 33.612 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

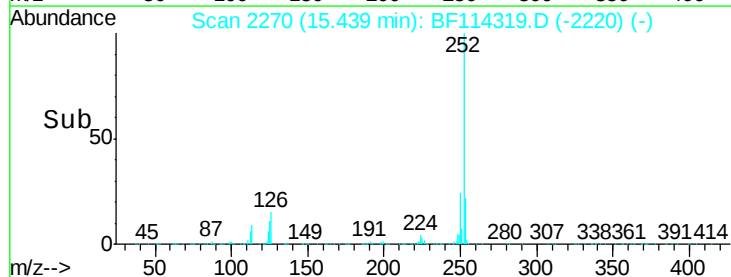
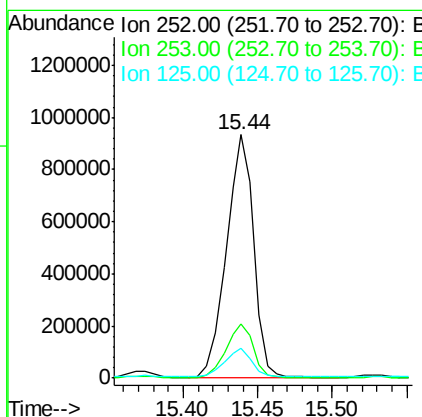
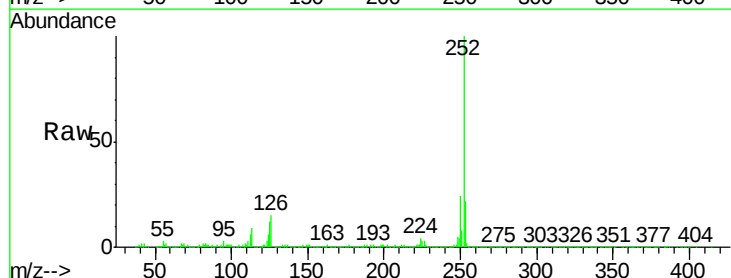
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

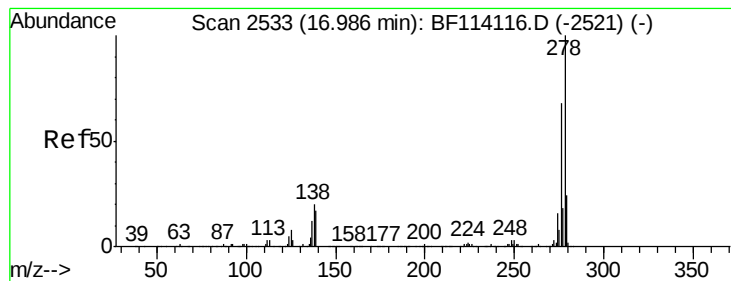
Tot Ion:252 Resp: 1032458
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.457 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:252 Resp: 1190606
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 49.089 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

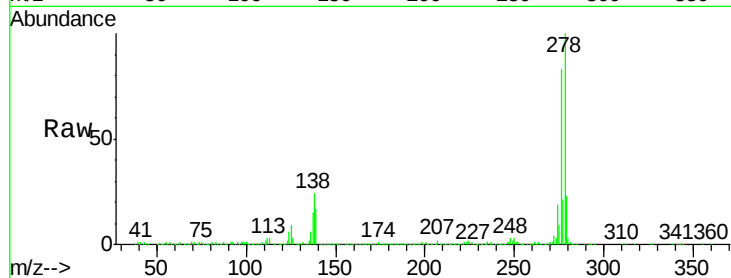
BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:278 Resp: 1200434

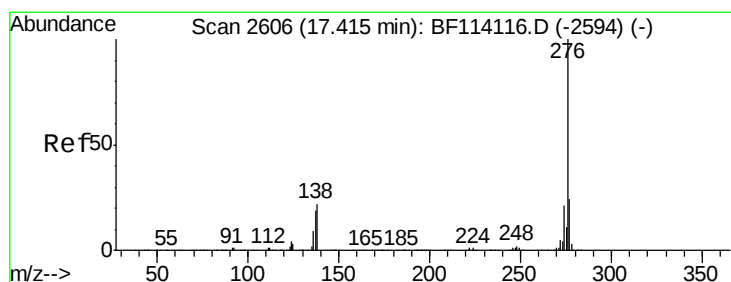
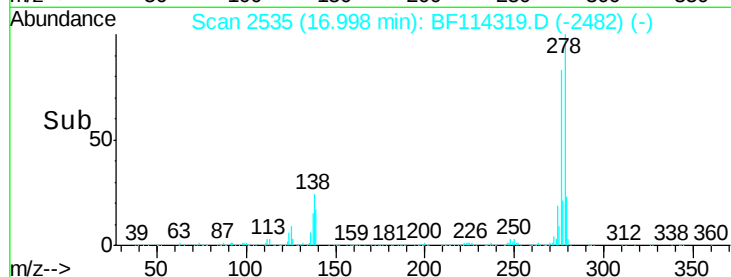
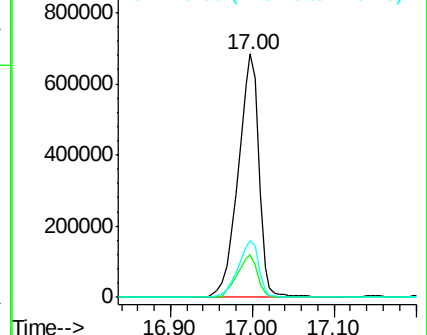
Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	23.5	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.122 ng

RT: 17.44 min Scan# 2610

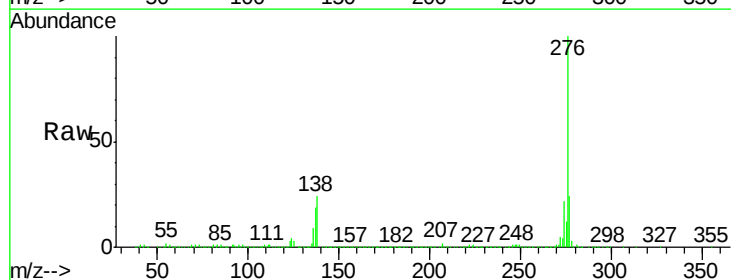
Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:276 Resp: 1301862

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	23.6	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

