

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114704.D
 Acq On : 31 May 2019 13:25
 Operator : HP/JU
 Sample : K2971-15MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

Quant Time: Jun 01 00:22:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	306806	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1180512	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	590780	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1179707	20.00	ng	0.00
76) Chrysene-d12	13.83	240	757781	20.00	ng	0.01
87) Perylene-d12	15.23	264	836575	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2176854	124.57	ng	0.02
7) Phenol-d6	6.34	99	2711103	128.75	ng	0.01
23) Nitrobenzene-d5	7.26	82	1673666	88.45	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	776795	137.99	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2947991	95.76	ng	0.00
79) Terphenyl-d14	12.78	244	3370451	83.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	298096	35.547	ng	97
3) Pyridine	3.07	79	817677	33.504	ng	98
4) n-Nitrosodimethylamine	3.00	42	362284	36.682	ng	93
6) Aniline	6.36	93	350156	11.009	ng	# 74
8) 2-Chlorophenol	6.49	128	870697	43.145	ng	97
9) Benzaldehyde	6.24	77	450951	37.606	ng	95
10) Phenol	6.35	94	998701	39.260	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	788256	40.511	ng	94
12) 1,3-Dichlorobenzene	6.64	146	925743	40.263	ng	99
13) 1,4-Dichlorobenzene	6.72	146	939929	40.750	ng	99
14) 1,2-Dichlorobenzene	6.87	146	883312	42.063	ng	100
15) Benzyl Alcohol	6.84	79	710990	42.924	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1098449	36.807	ng	99
17) 2-Methylphenol	6.96	107	710956	41.652	ng	99
18) Hexachloroethane	7.21	117	341525	39.107	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	557396	38.348	ng	99
20) 3+4-Methylphenols	7.11	107	826017	41.146	ng	91
22) Acetophenone	7.10	105	1116686	44.396	ng	# 98
24) Nitrobenzene	7.27	77	866172	43.093	ng	96
25) Isophorone	7.52	82	1572578	41.412	ng	98
26) 2-Nitrophenol	7.59	139	468873	47.923	ng	99
27) 2,4-Dimethylphenol	7.64	122	748103	45.975	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	997911	41.282	ng	100
29) 2,4-Dichlorophenol	7.83	162	748660	45.202	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	816399	43.265	ng	99
31) Naphthalene	8.00	128	2391410	43.979	ng	99
32) Benzoic acid	7.64	122	748103	70.783	ng	# 14
33) 4-Chloroaniline	8.04	127	175583	6.778	ng	98
34) Hexachlorobutadiene	8.13	225	438728	41.853	ng	98
35) Caprolactam	8.41	113	163123	29.185	ng	93
36) 4-Chloro-3-methylphenol	8.53	107	768993	46.298	ng	99
37) 2-Methylnaphthalene	8.69	142	1669922	46.221	ng	99
38) 1-Methylnaphthalene	8.79	142	1567040	45.779	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	702934	44.679	ng	99

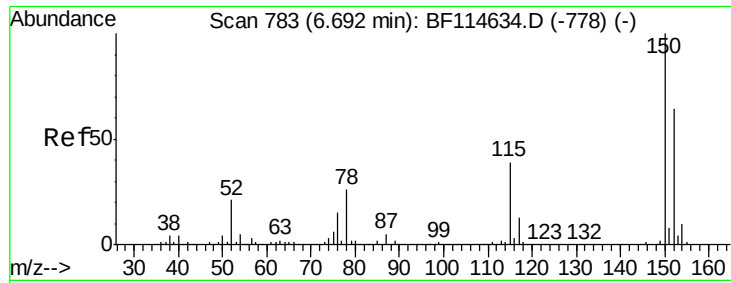
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	786980	75.696	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	532189	42.990	ng	98
44) 2,4,5-Trichlorophenol	9.00	196	562821	45.561	ng	99
46) 1,1'-Biphenyl	9.15	154	1934058	44.102	ng	99
47) 2-Chloronaphthalene	9.17	162	1575510	43.797	ng	99
48) 2-Nitroaniline	9.26	65	468495	42.202	ng	98
49) Acenaphthylene	9.59	152	2448377	44.056	ng	99
50) Dimethylphthalate	9.46	163	2108790	51.226	ng	100
51) 2,6-Dinitrotoluene	9.51	165	441286	46.133	ng	99
52) Acenaphthene	9.76	154	1533861	45.004	ng	100
53) 3-Nitroaniline	9.67	138	177119	15.129	ng	96
54) 2,4-Dinitrophenol	9.77	184	197476	52.338	ng	# 87
55) Dibenzofuran	9.93	168	2142679	44.165	ng	100
56) 4-Nitrophenol	9.84	139	739804	85.273	ng	94
57) 2,4-Dinitrotoluene	9.91	165	600134	48.885	ng	91
58) Fluorene	10.27	166	1518296	48.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	451736	44.676	ng	99
60) Diethylphthalate	10.15	149	1854864	44.116	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	754464	47.251	ng	100
62) 4-Nitroaniline	10.29	138	470530	41.245	ng	94
63) Azobenzene	10.42	77	1651656	42.787	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	175516	33.553	ng	83
66) n-Nitrosodiphenylamine	10.38	169	1538086	44.128	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	531051	41.978	ng	97
68) Hexachlorobenzene	10.82	284	578691	42.233	ng	92
69) Atrazine	10.91	200	525279	49.985	ng	99
70) Pentachlorophenol	11.01	266	536709	67.949	ng	98
71) Phenanthrene	11.22	178	2556868	42.488	ng	99
72) Anthracene	11.27	178	2567623	42.157	ng	99
73) Carbazole	11.43	167	2346525	43.837	ng	100
74) Di-n-butylphthalate	11.77	149	2763378	42.071	ng	98
75) Fluoranthene	12.40	202	2706719	43.437	ng	99
77) Benzidine	12.52	184	420775	13.485	ng	# 89
78) Pyrene	12.63	202	2717395	42.391	ng	99
80) Butylbenzylphthalate	13.26	149	1330645	41.304	ng	99
81) Benzo(a)anthracene	13.82	228	2338526	40.158	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	316578	14.077	ng	# 96
83) Chrysene	13.85	228	2325255	41.794	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	1677223	42.112	ng	99
85) Di-n-octyl phthalate	14.45	149	2911801	42.079	ng	97
86) Indeno(1,2,3-cd)pyrene	16.57	276	2342092	42.031	ng	99
88) Benzo(b)fluoranthene	14.84	252	2173474	41.250	ng	100
89) Benzo(k)fluoranthene	14.87	252	2069945	45.198	ng	99
90) Benzo(a)pyrene	15.18	252	2041525	44.105	ng	98
91) Dibenzo(a,h)anthracene	16.59	278	1912102	46.747	ng	98
92) Benzo(g,h,i)perylene	16.97	276	2011067	50.658	ng	97

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

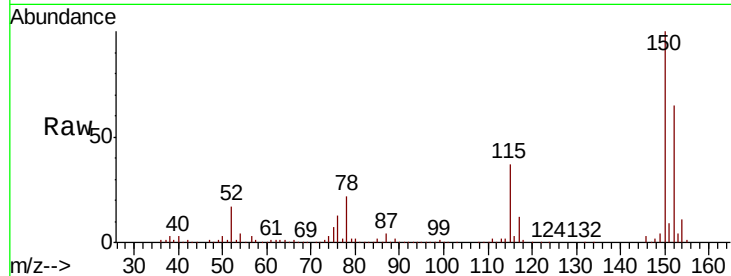


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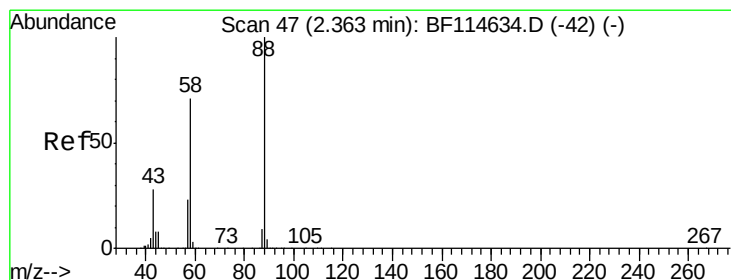
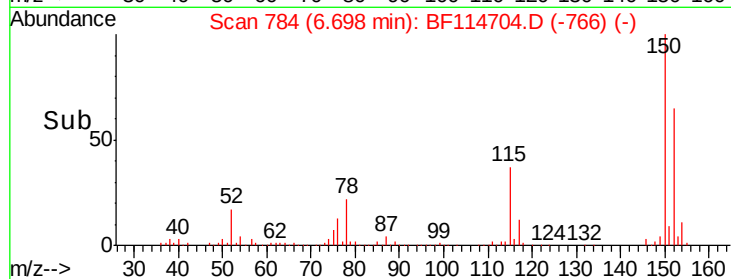
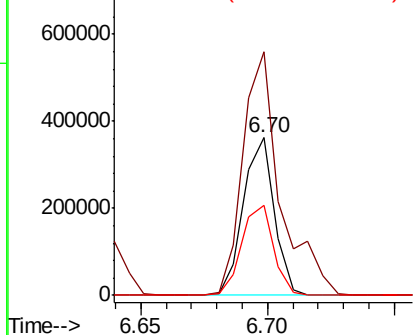
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

Tgt Ion: 152 Resp: 306806
Ion Ratio Lower Upper
152 100
150 154.8 124.4 186.6
115 57.6 48.7 73.1



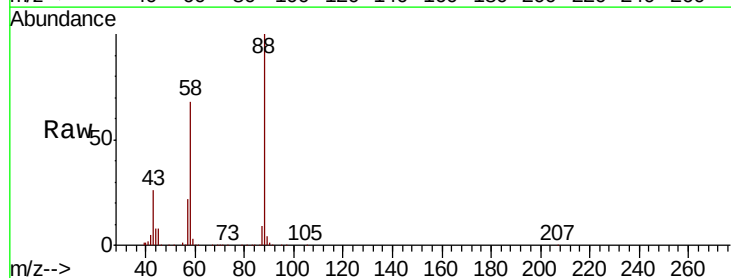
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



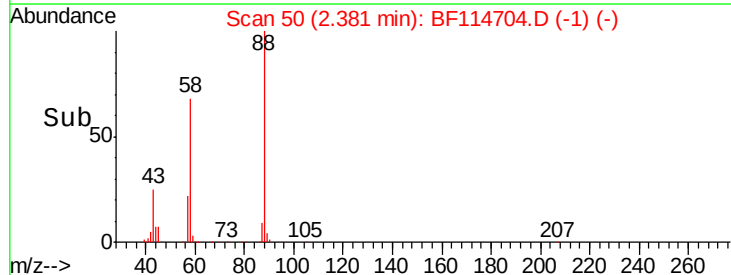
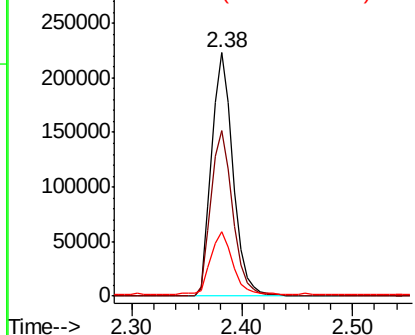
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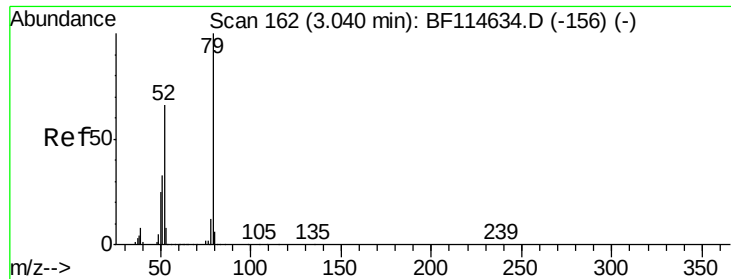
1,4-Dioxane
Concen: 35.547 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.02 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion: 88 Resp: 298096
Ion Ratio Lower Upper
88 100
58 69.3 57.2 85.8
43 26.2 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.504 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.03 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

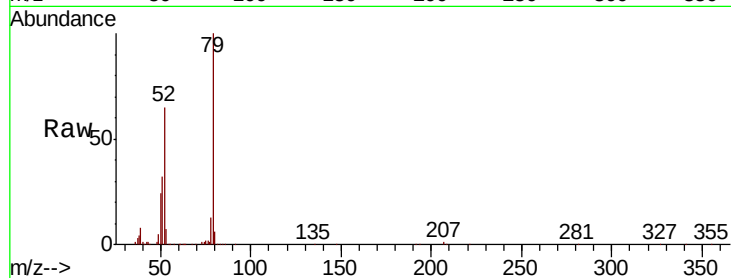
Tgt Ion: 79 Resp: 817677

Ion Ratio Lower Upper

79 100

52 64.8 52.8 79.2

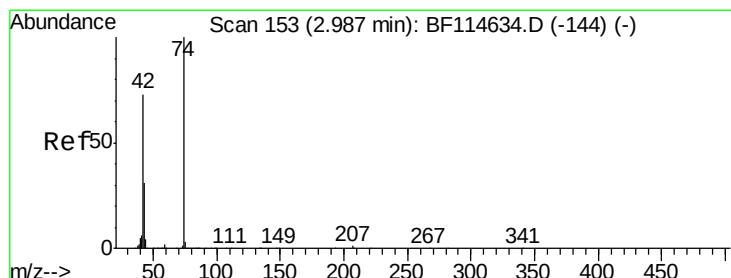
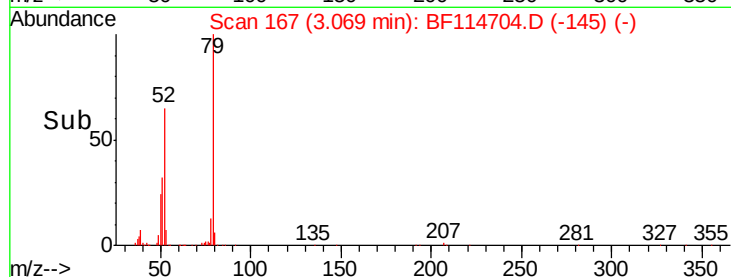
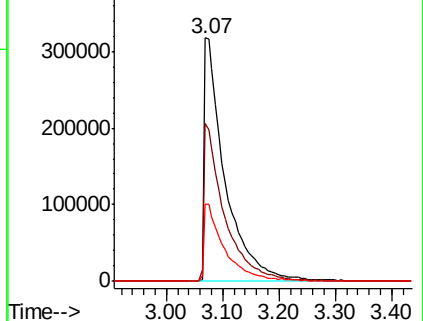
51 31.8 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.682 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

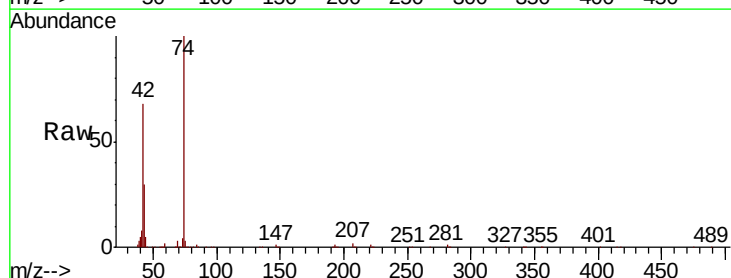
Tgt Ion: 42 Resp: 362284

Ion Ratio Lower Upper

42 100

74 146.0 110.0 165.0

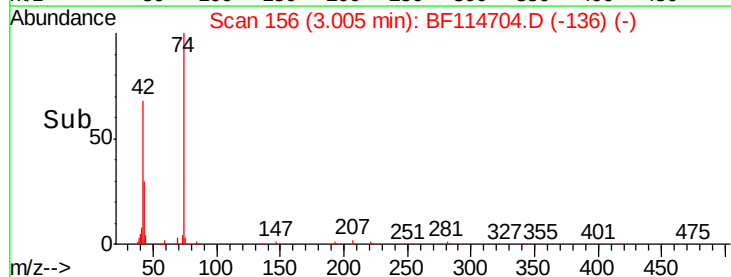
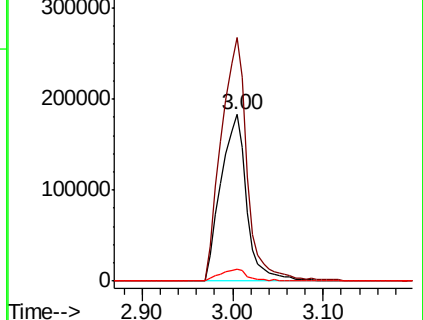
44 6.8 5.6 8.4

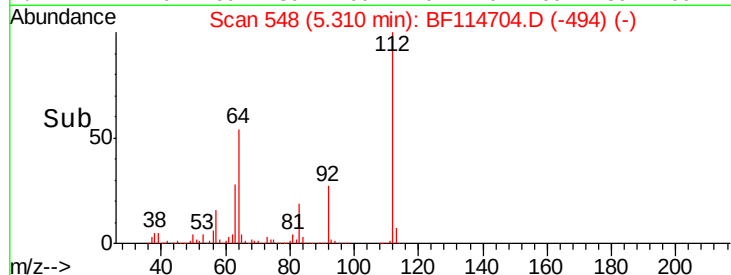
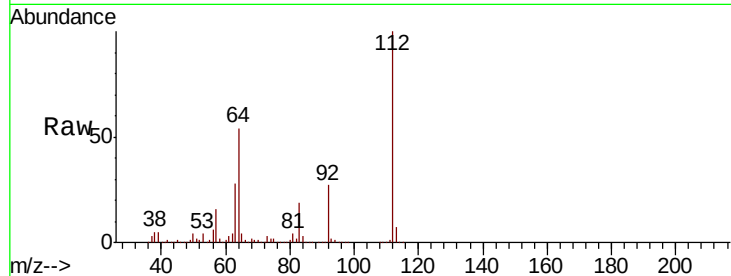
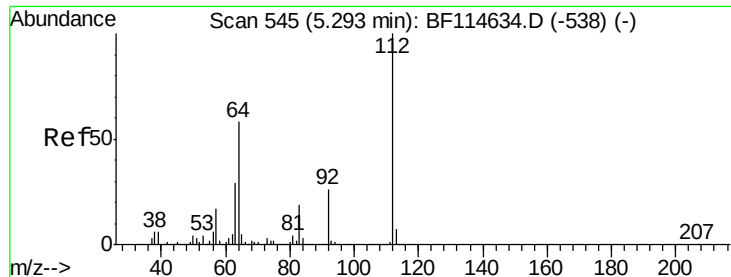


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.571 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

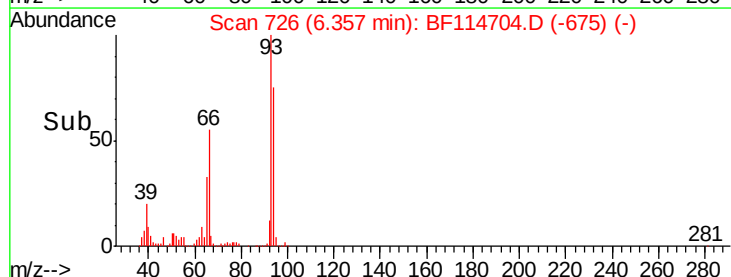
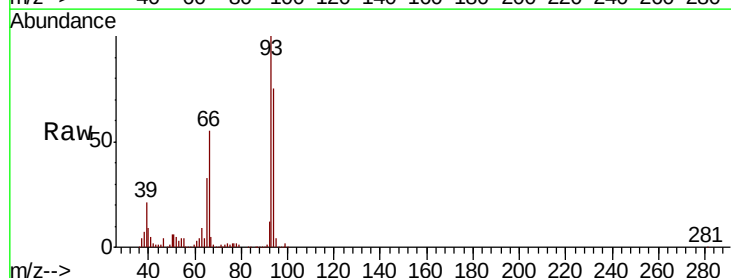
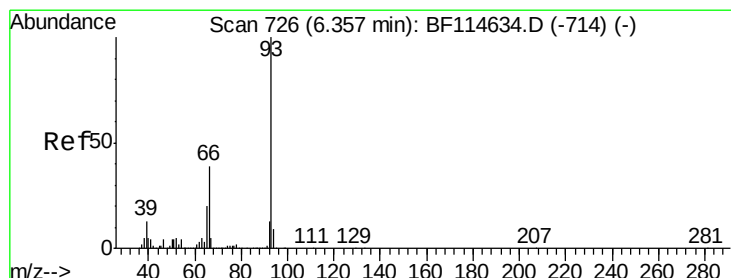
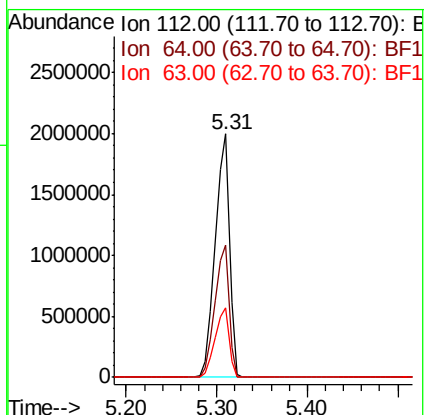
Tgt Ion:112 Resp: 2176854

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

63 28.3 23.4 35.2



#6

Aniline

Concen: 11.009 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

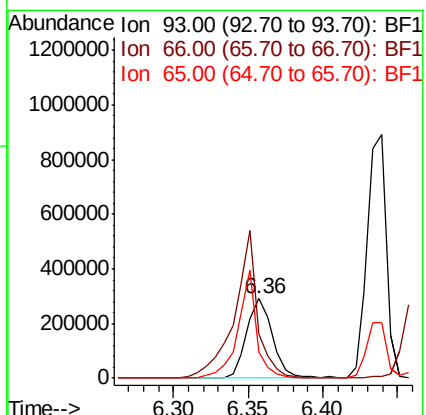
Tgt Ion: 93 Resp: 350156

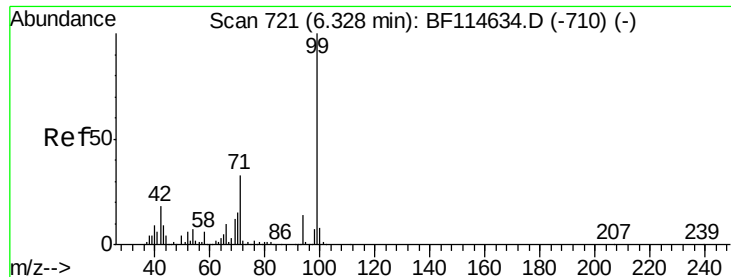
Ion Ratio Lower Upper

93 100

66 54.8 31.4 47.2#

65 32.7 16.2 24.2#





#7

Phenol-d6

Concen: 128.746 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

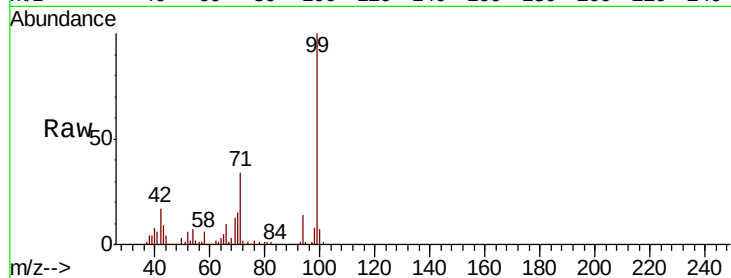
Tgt Ion: 99 Resp: 2711103

Ion Ratio Lower Upper

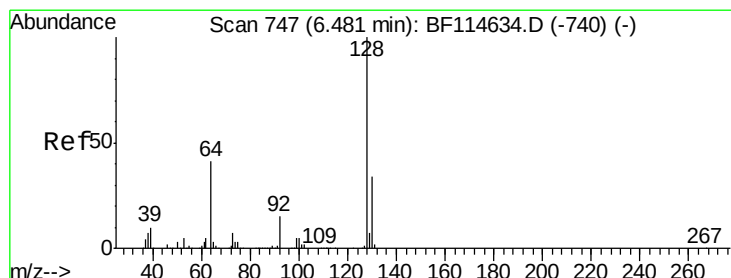
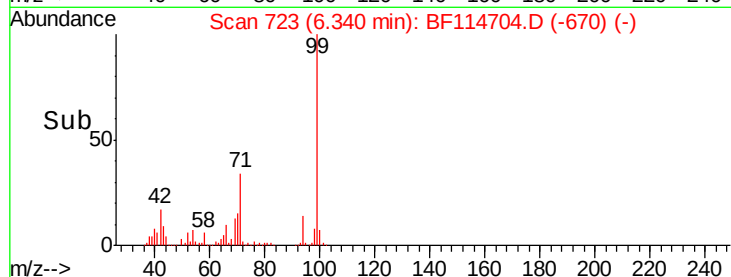
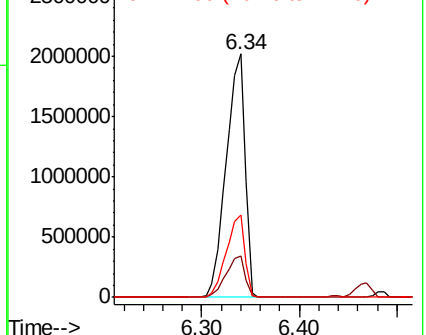
99 100

42 17.2 14.7 22.1

71 33.8 26.6 40.0



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



#8

2-Chlorophenol

Concen: 43.145 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

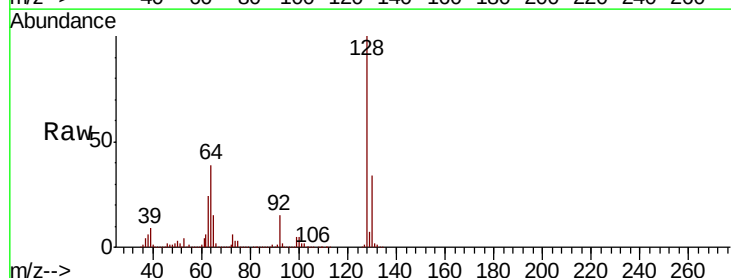
Tgt Ion: 128 Resp: 870697

Ion Ratio Lower Upper

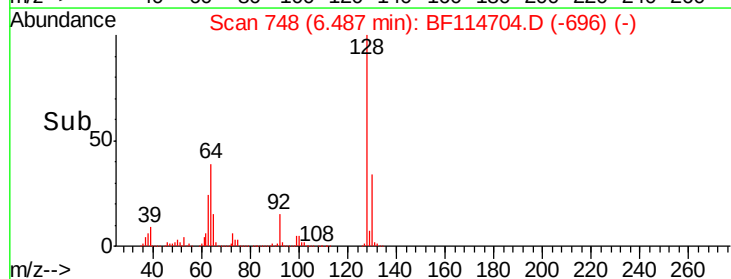
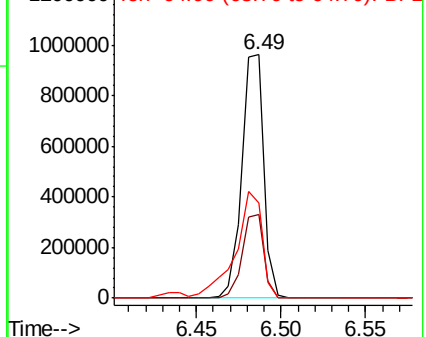
128 100

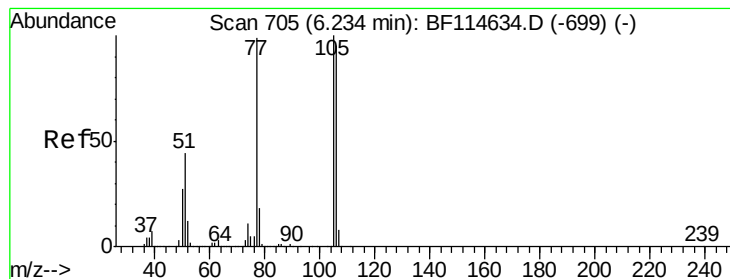
130 34.2 13.9 53.9

64 39.1 22.0 62.0



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





#9

Benzaldehyde

Concen: 37.606 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

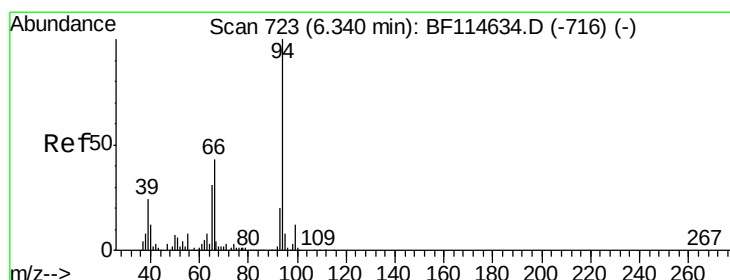
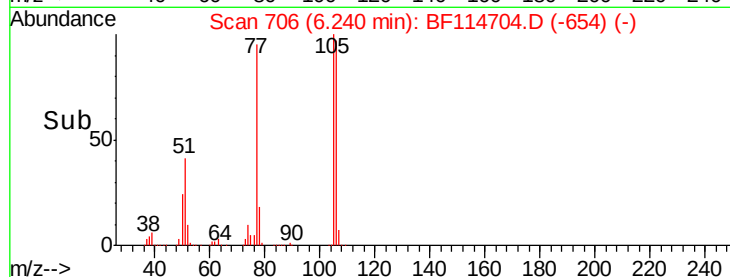
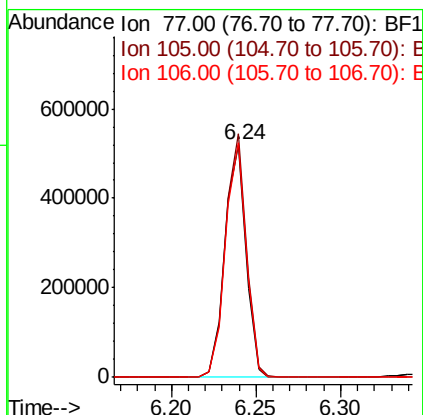
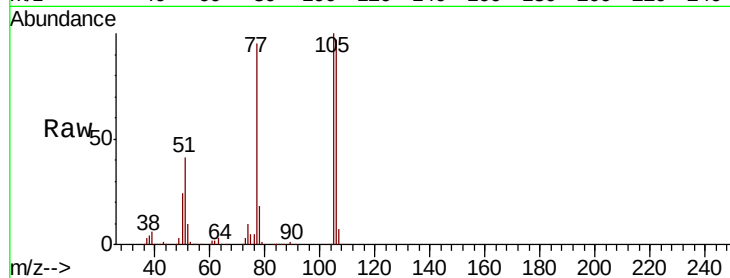
Instrument :

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ClientSampleId :

SUP-2A-C-4-052019MSD

Tgt Ion:	77	Resp:	450951
Ion	Ratio	Lower	Upper
77	100		
105	104.8	80.8	120.8
106	101.2	76.2	116.2



#10

Phenol

Concen: 39.260 ng

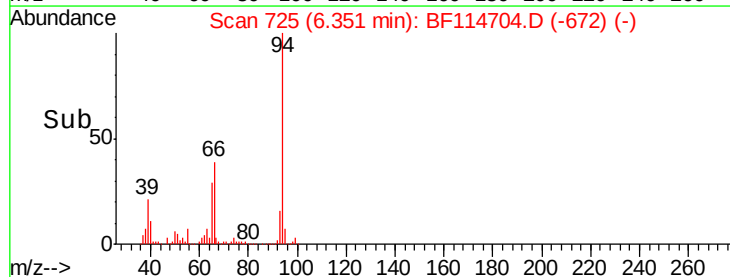
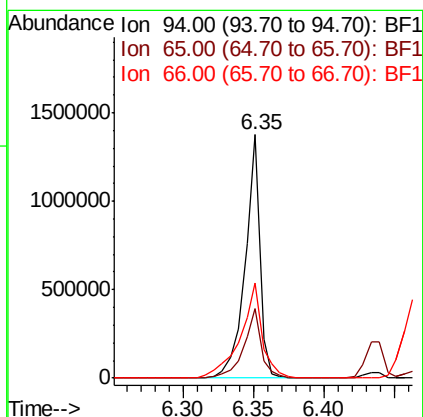
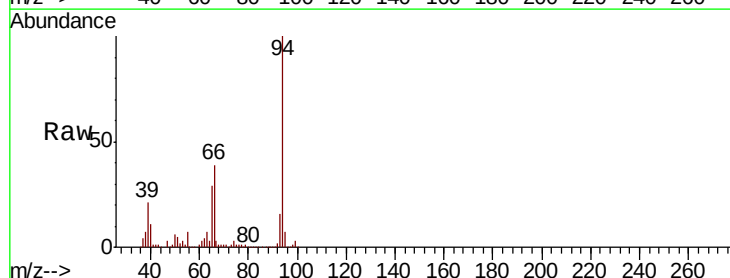
RT: 6.35 min Scan# 725

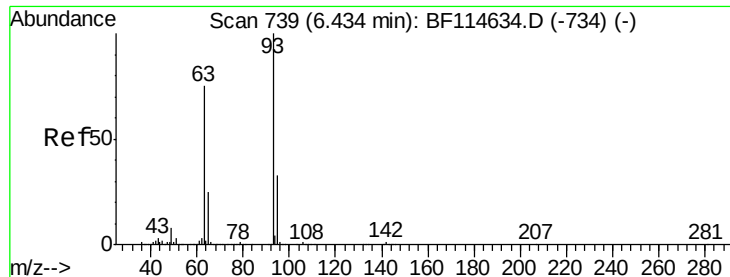
Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Tgt Ion:	94	Resp:	998701
Ion	Ratio	Lower	Upper
94	100		
65	28.8	11.0	51.0
66	39.3	23.0	63.0





#11

bis(2-Chloroethyl)ether

Concen: 40.511 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

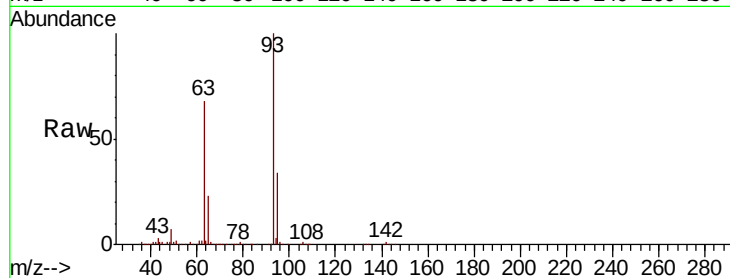
Tgt Ion: 93 Resp: 788256

Ion Ratio Lower Upper

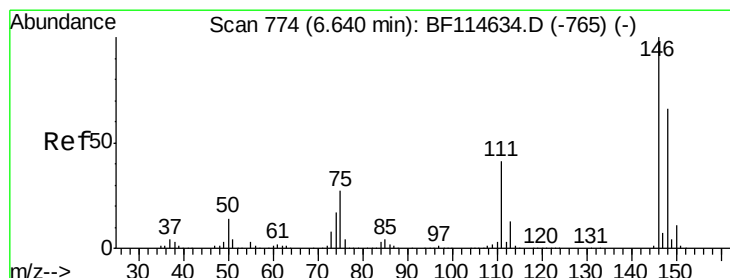
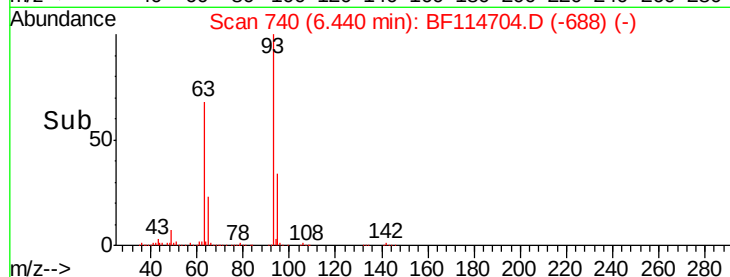
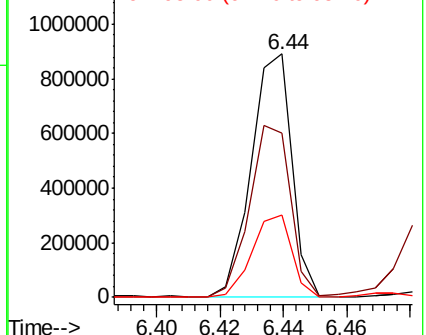
93 100

63 67.7 55.0 95.0

95 33.6 13.5 53.5



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: 40.263 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

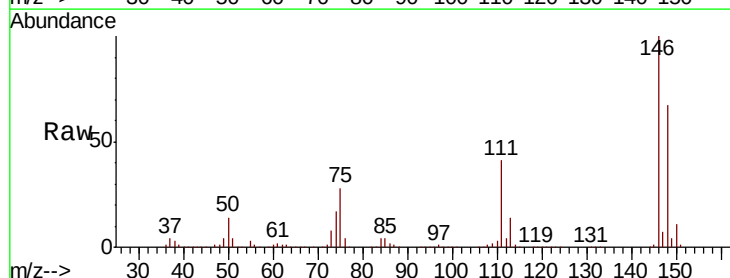
Tgt Ion: 146 Resp: 925743

Ion Ratio Lower Upper

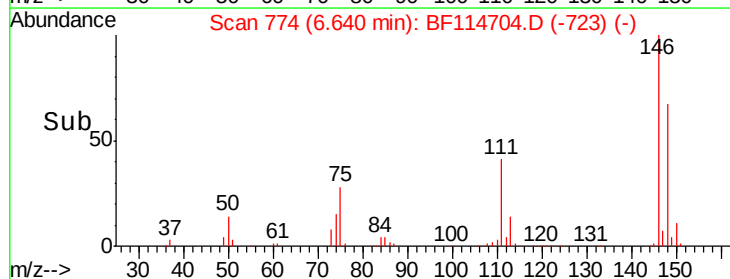
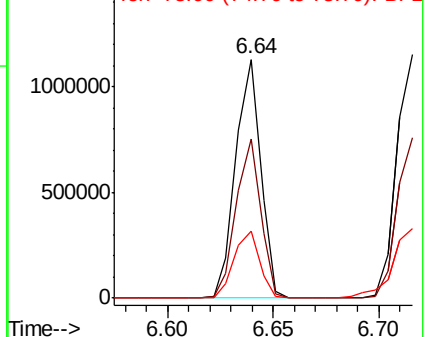
146 100

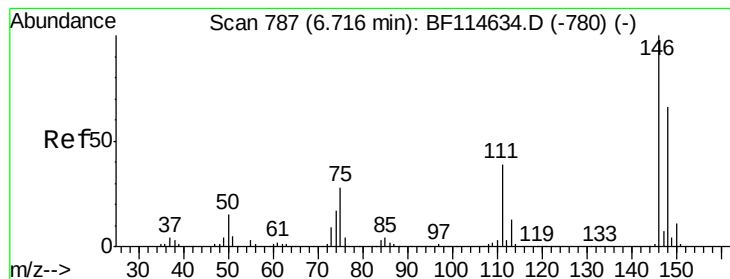
148 66.5 52.9 79.3

75 28.3 22.0 33.0



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: 40.750 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

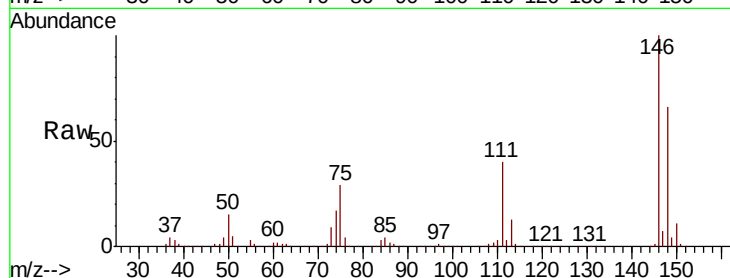
Tgt Ion:146 Resp: 939929

Ion Ratio Lower Upper

146 100

148 65.8 52.5 78.7

111 39.9 31.4 47.2

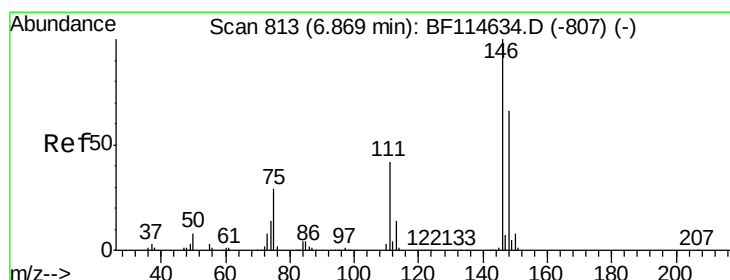
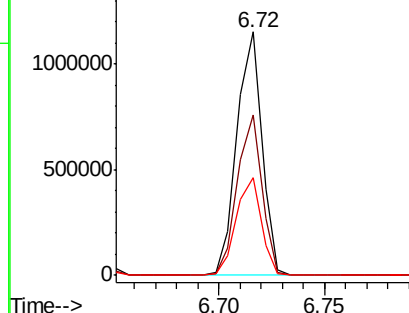
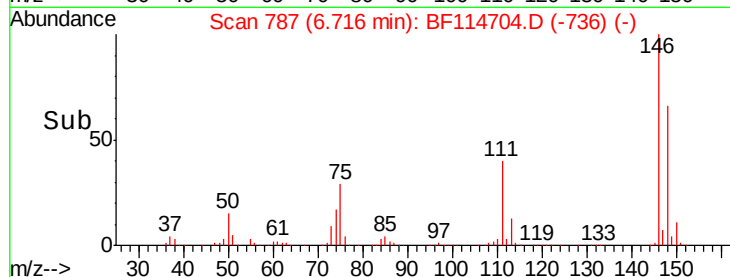


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.063 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

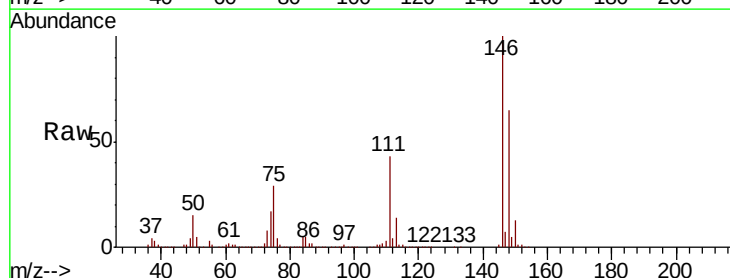
Tgt Ion:146 Resp: 883312

Ion Ratio Lower Upper

146 100

148 65.3 52.6 79.0

111 42.5 34.1 51.1

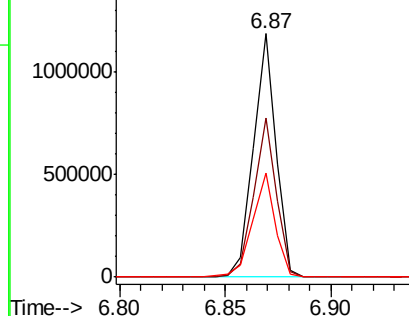
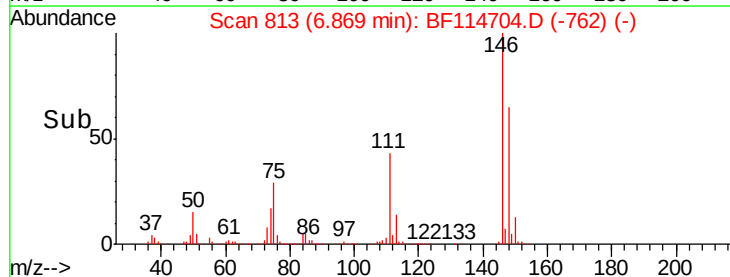


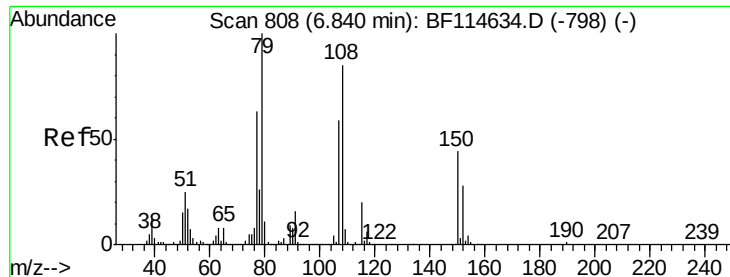
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.924 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

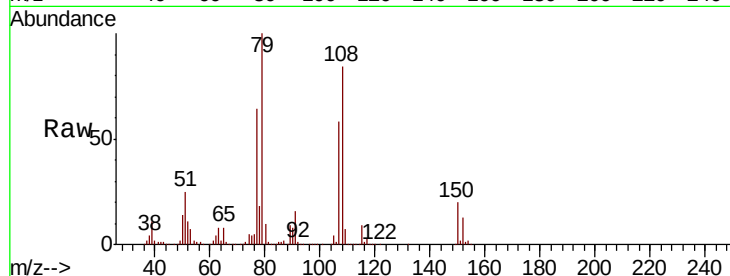
Tgt Ion: 79 Resp: 710990

Ion Ratio Lower Upper

79 100

108 83.6 67.8 101.8

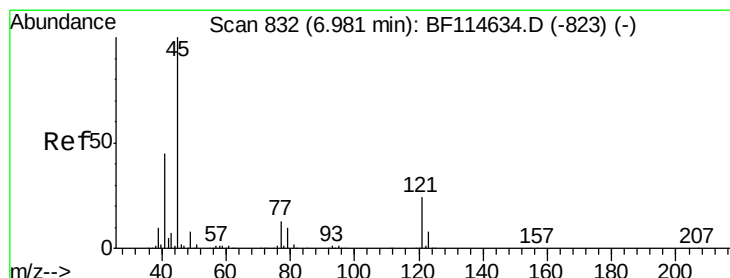
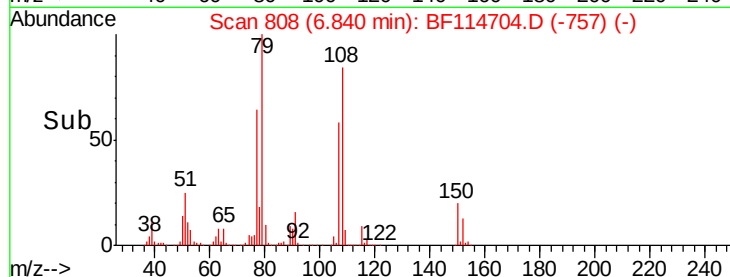
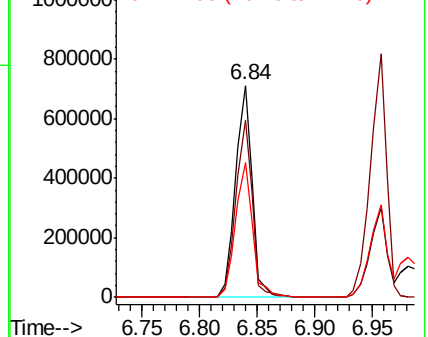
77 63.8 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.807 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

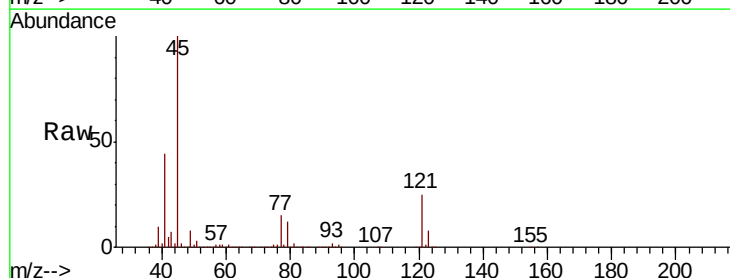
Tgt Ion: 45 Resp: 1098449

Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.7

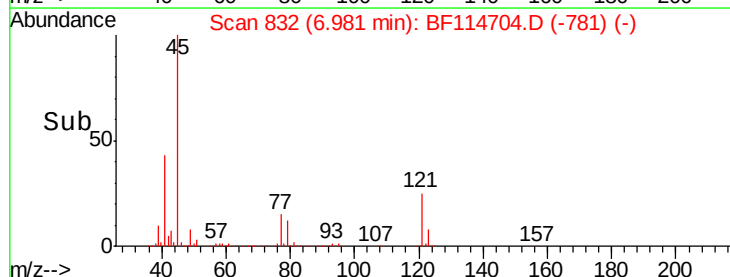
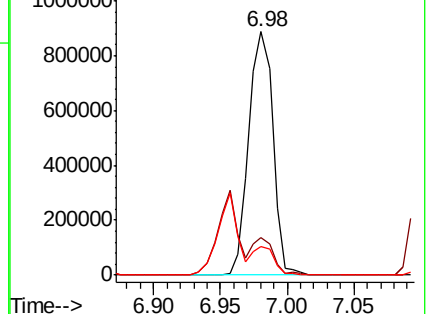
79 11.7 0.0 31.3

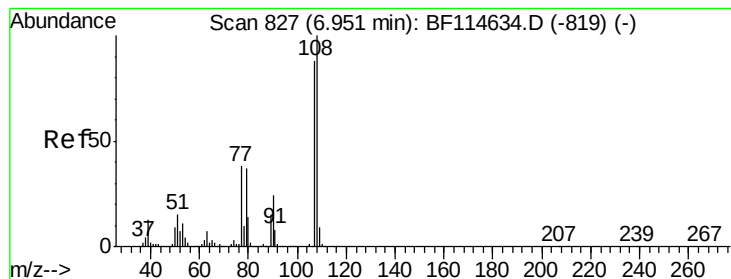


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.652 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

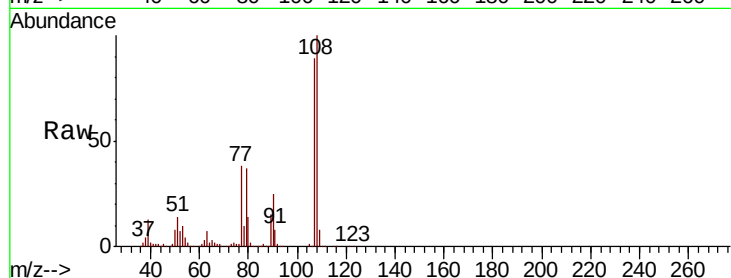
Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

Tgt Ion:	107	Resp:	710956
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	42.6	34.9	52.3
79	41.5	33.8	50.6



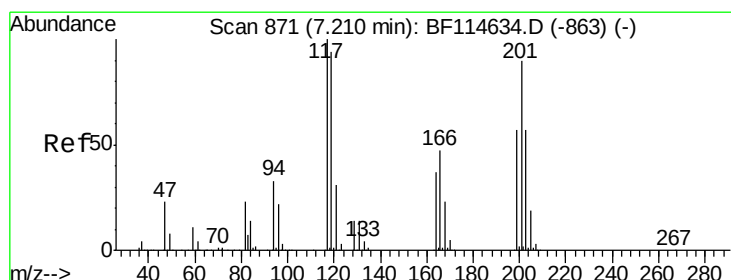
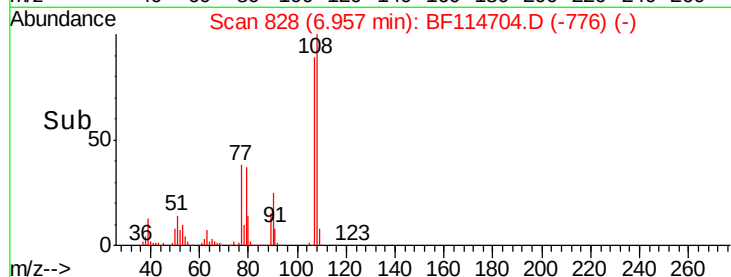
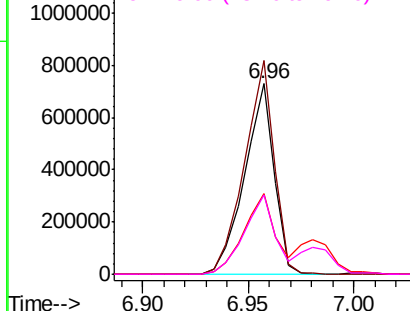
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.107 ng

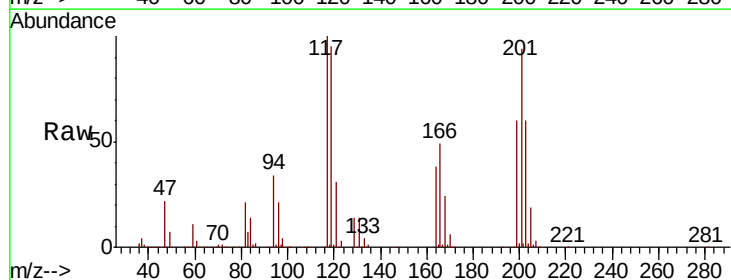
RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Tgt Ion:	117	Resp:	341525
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.6	113.4
201	94.4	71.7	107.5

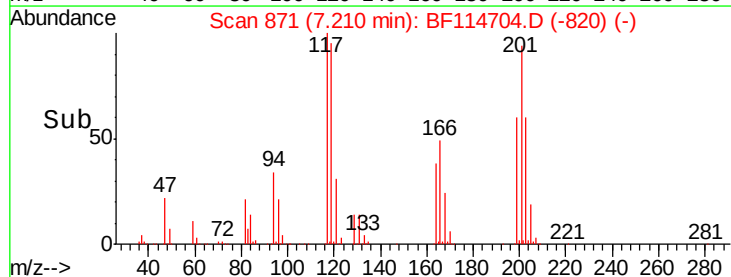
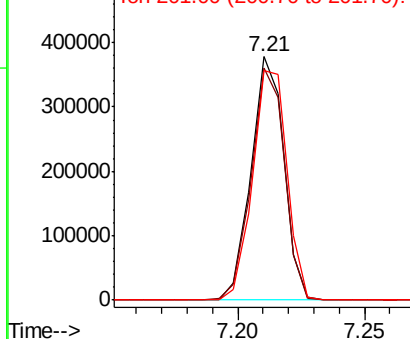


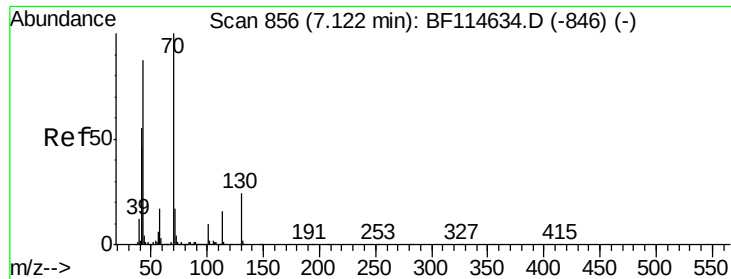
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

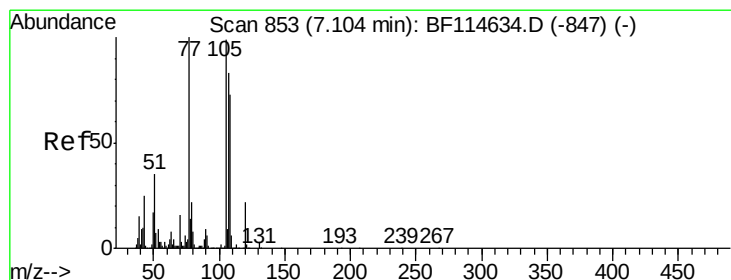
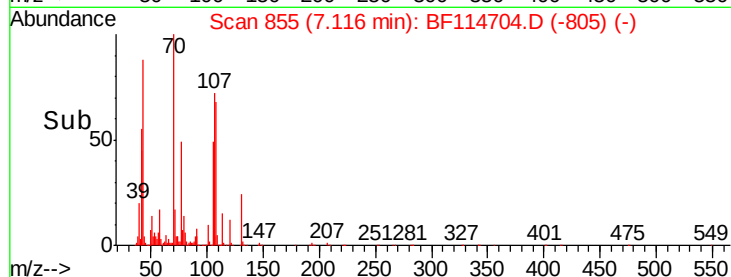
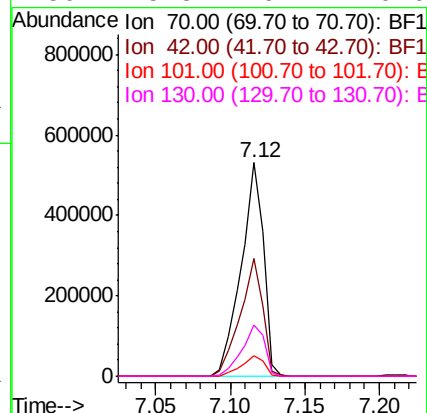
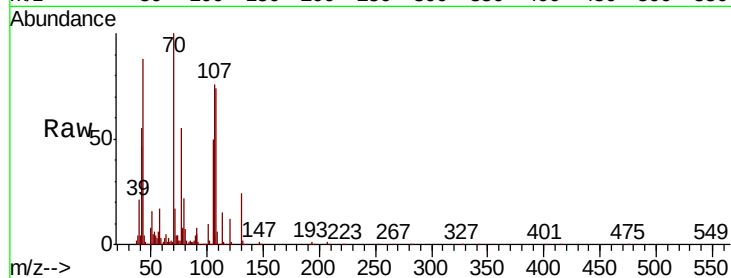




#19
n-Nitroso-di-n-propylamine
Concen: 38.348 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

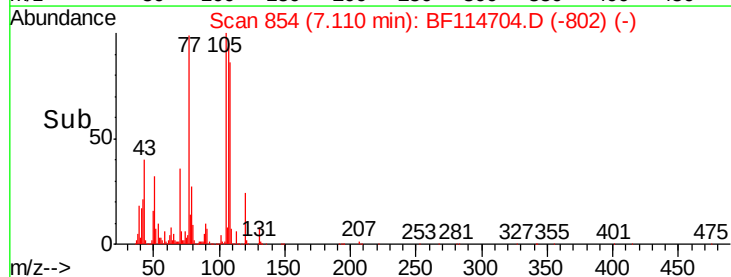
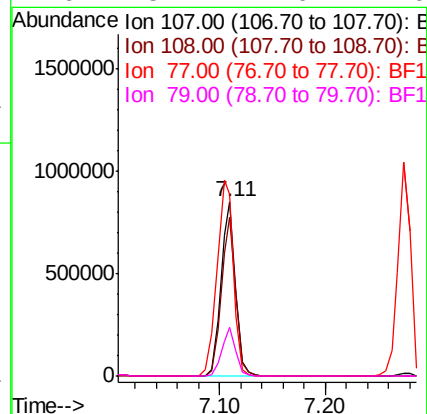
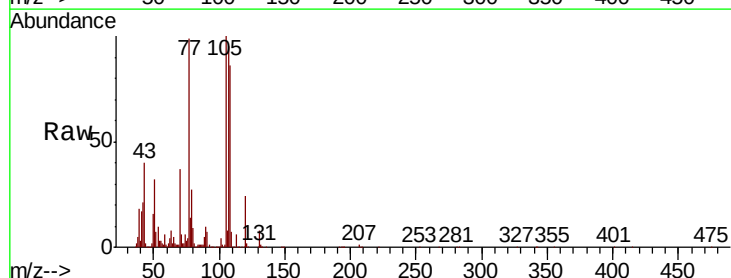
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

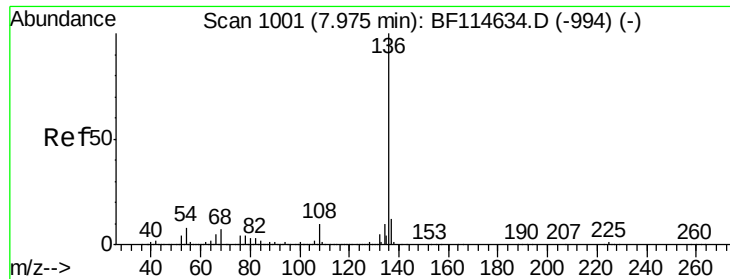
Tgt Ion:	70	Resp:	557396
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.4	66.6
101	9.9	8.2	12.4
130	23.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 41.146 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:	107	Resp:	826017
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.6	108.6
77	104.6	100.5	140.5
79	28.2	7.0	47.0

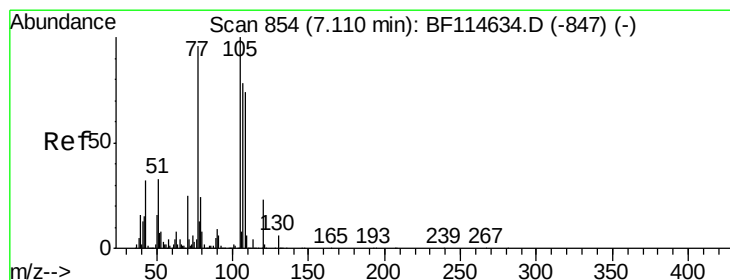
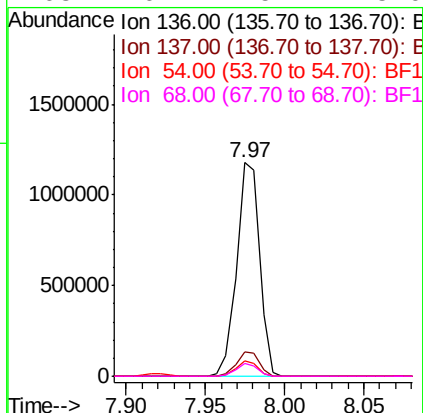
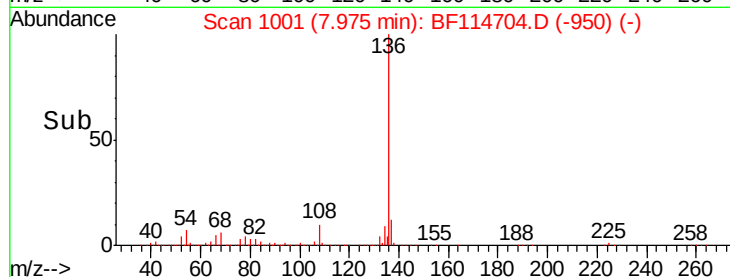
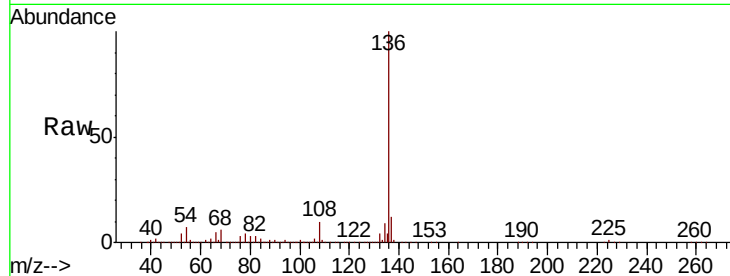




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

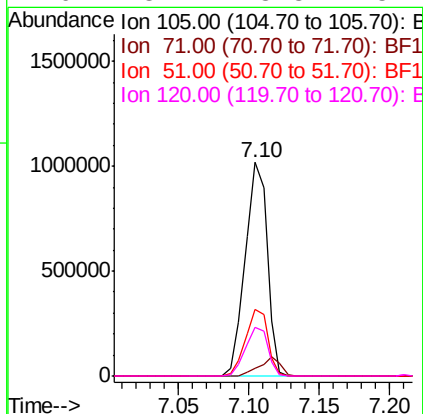
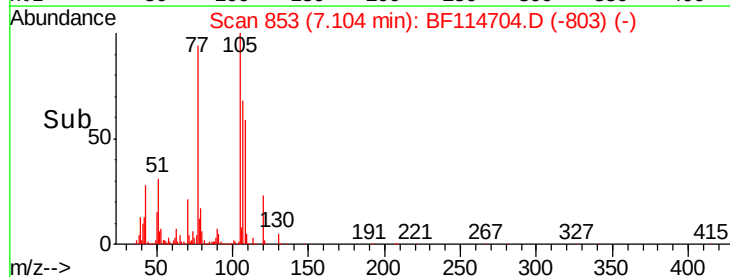
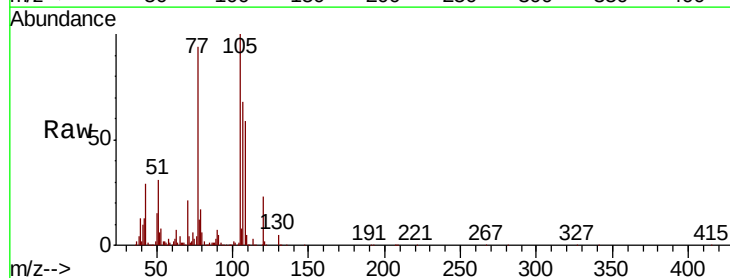
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

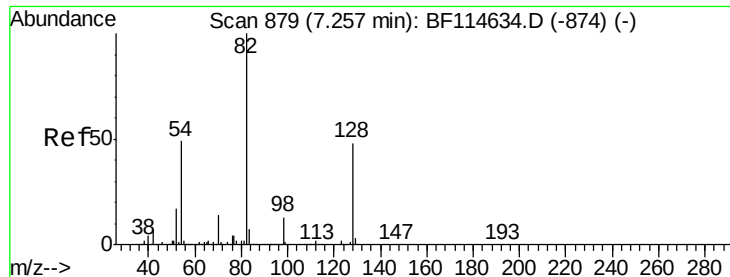
Tgt Ion:	136	Resp:	1180512
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.3	6.3	9.5
68	6.1	5.4	8.0



#22
Acetophenone
Concen: 44.396 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:	105	Resp:	1116686
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.6	5.4#
51	31.2	26.0	39.0
120	23.1	18.8	28.2

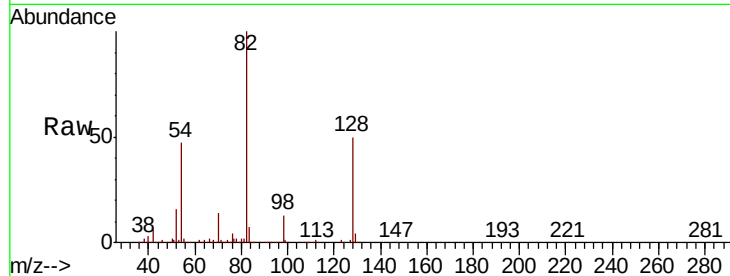




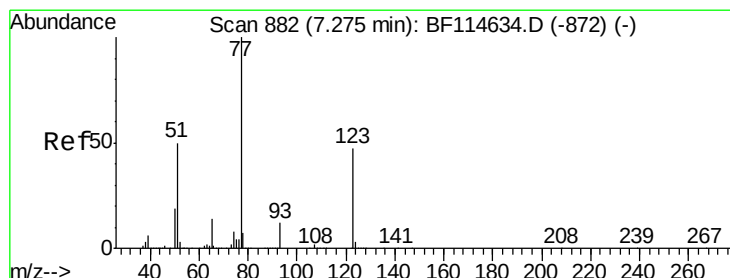
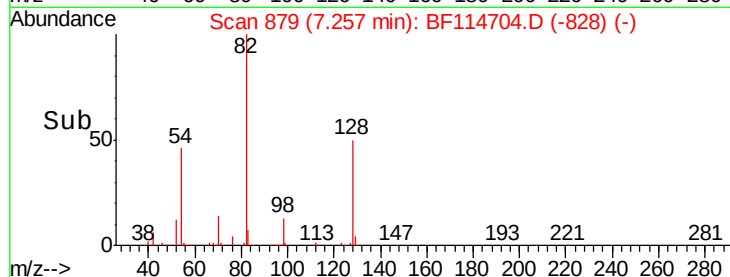
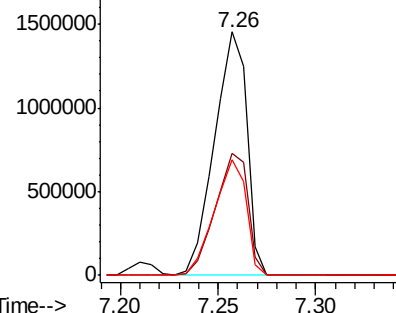
#23
 Nitrobenzene-d5
 Concen: 88.452 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

Tgt Ion: 82 Resp: 1673666
 Ion Ratio Lower Upper
 82 100
 128 50.2 38.5 57.7
 54 47.4 39.1 58.7

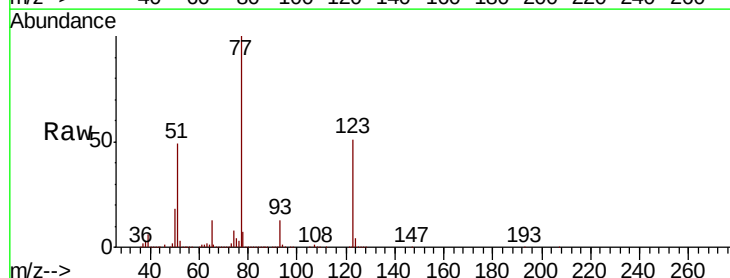


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

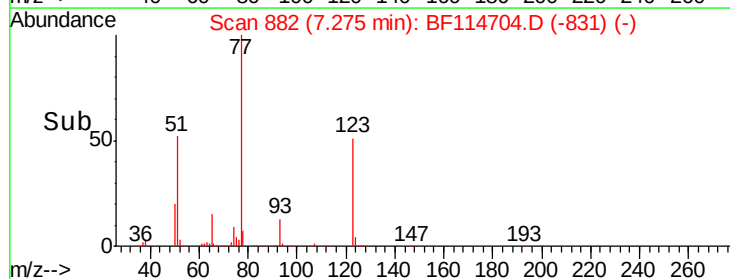
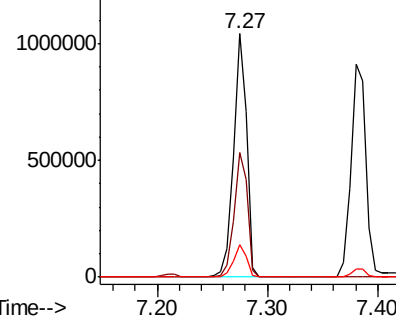


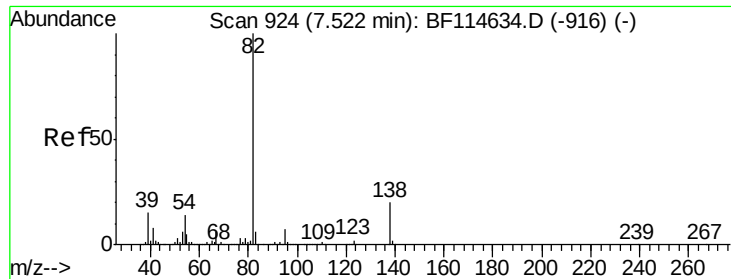
#24
 Nitrobenzene
 Concen: 43.093 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion: 77 Resp: 866172
 Ion Ratio Lower Upper
 77 100
 123 51.2 38.5 57.7
 65 13.4 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1000000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.412 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

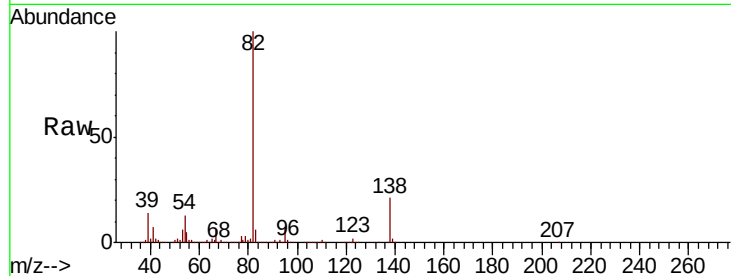
Tgt Ion: 82 Resp: 1572578

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

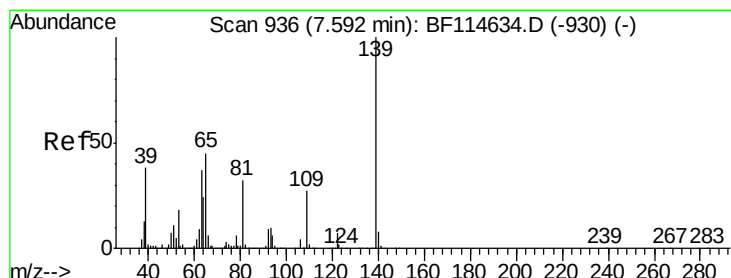
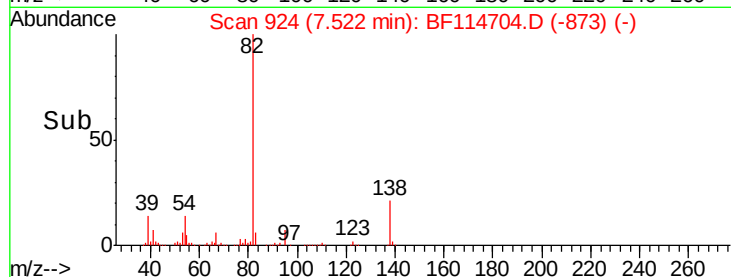
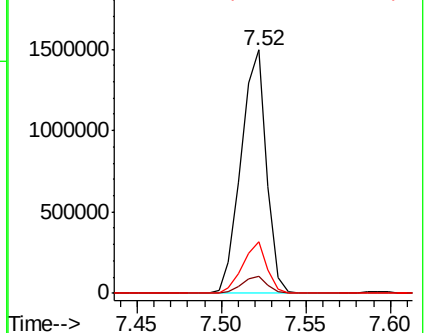
138 20.9 15.9 23.9



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: 47.923 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

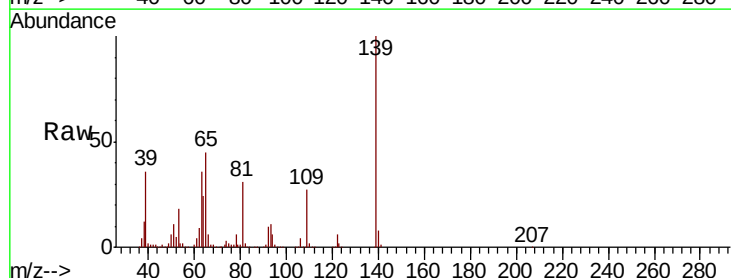
Tgt Ion: 139 Resp: 468873

Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

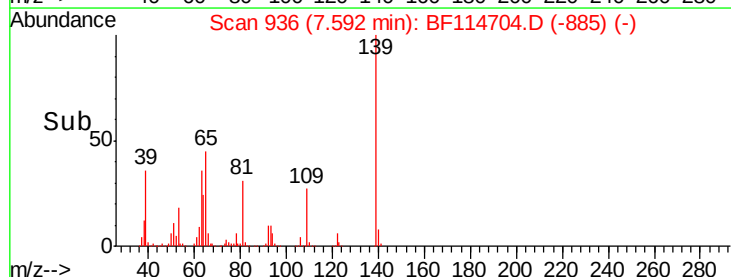
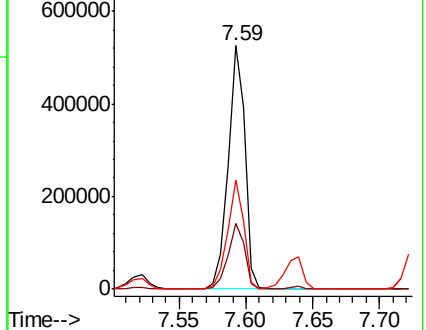
65 44.7 36.3 54.5

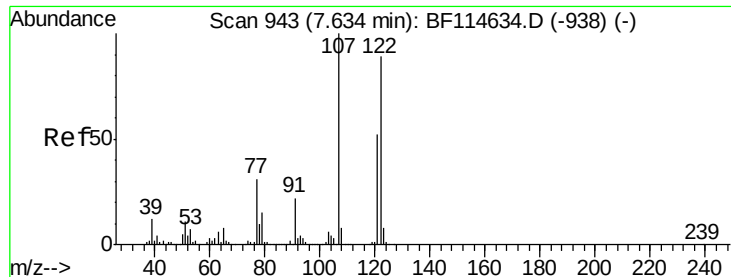


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.975 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

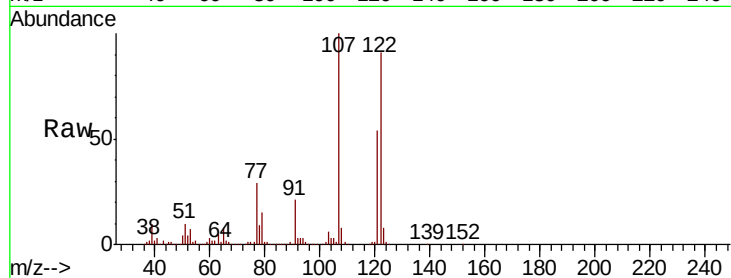
Tgt Ion:122 Resp: 748103

Ion Ratio Lower Upper

122 100

107 109.4 89.3 133.9

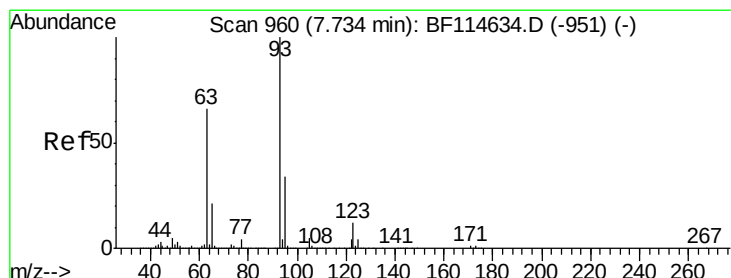
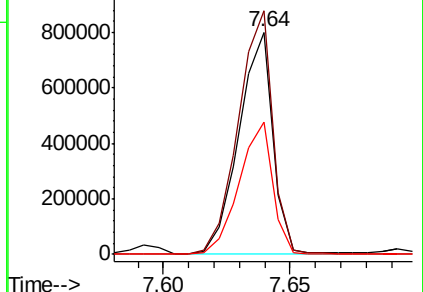
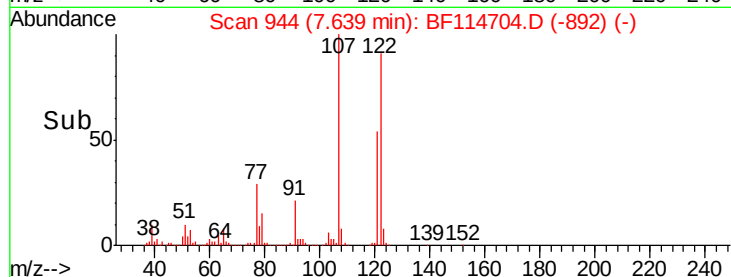
121 59.5 46.8 70.2



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: 41.282 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

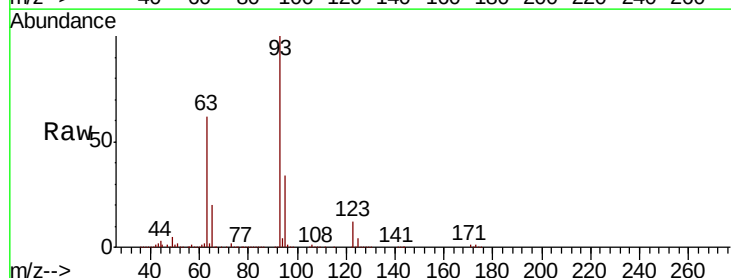
Tgt Ion: 93 Resp: 997911

Ion Ratio Lower Upper

93 100

95 33.7 27.0 40.4

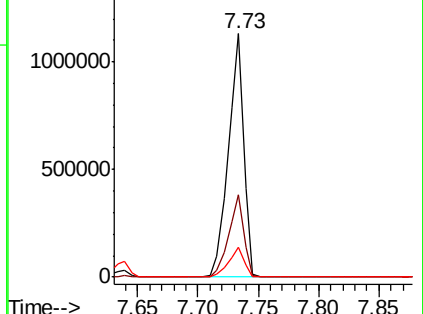
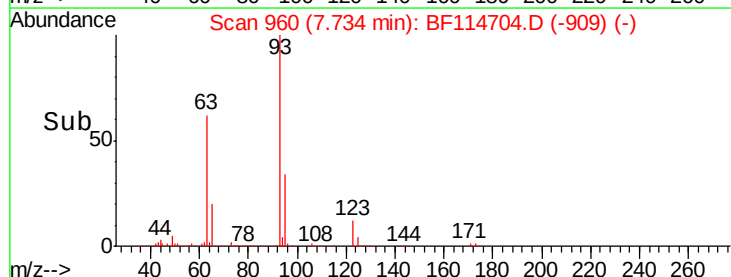
123 12.3 10.2 15.2

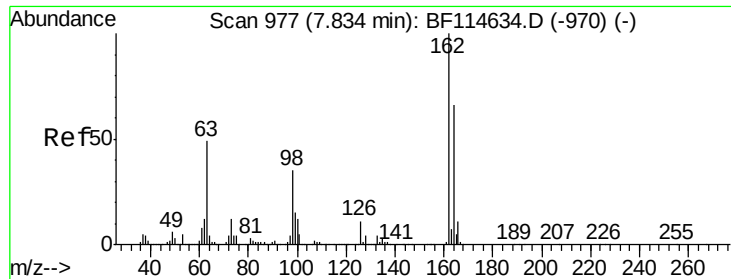


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

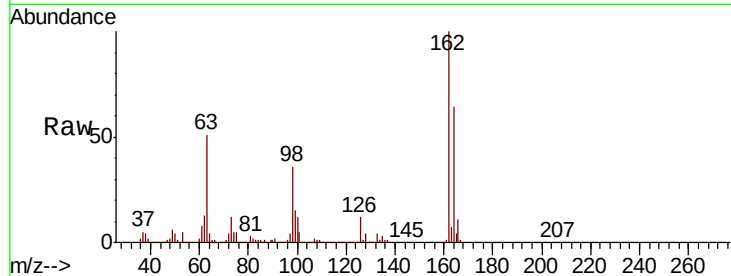




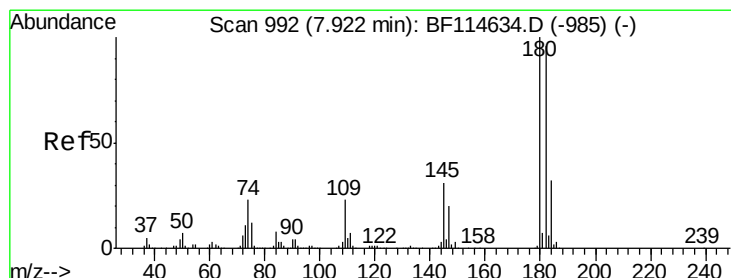
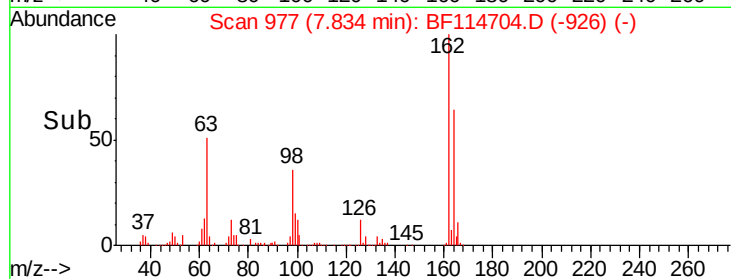
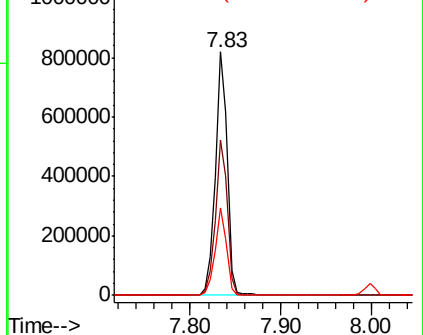
#29
 2,4-Dichlorophenol
 Concen: 45.202 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

Tgt Ion:	162	Resp:	748660
Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.8	85.8
98	36.2	14.9	54.9

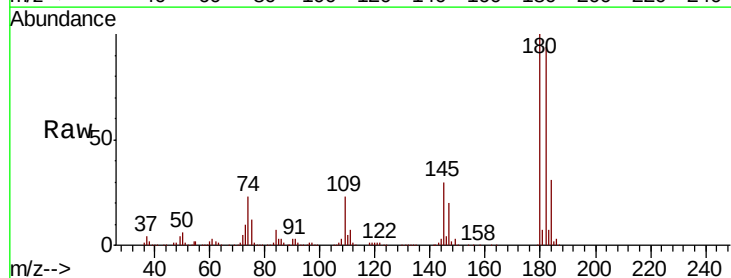


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

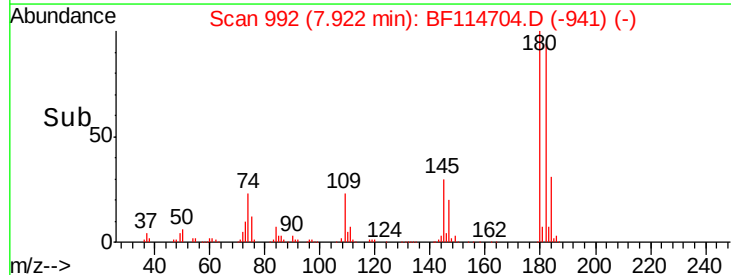
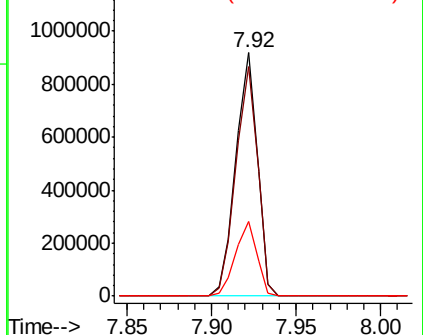


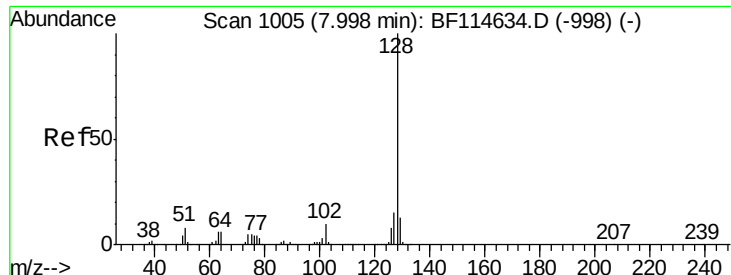
#30
 1,2,4-Trichlorobenzene
 Concen: 43.265 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion:	180	Resp:	816399
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.9	115.3
145	30.5	24.5	36.7



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

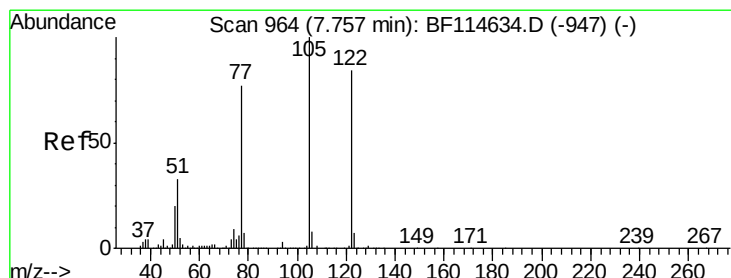
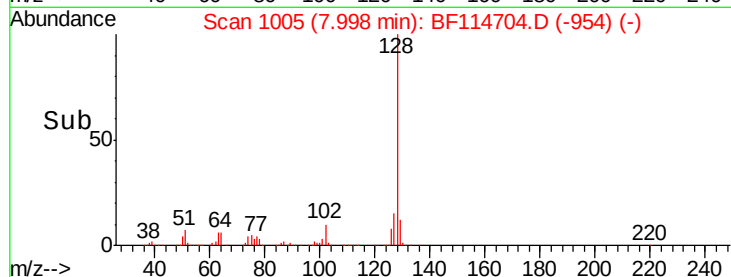
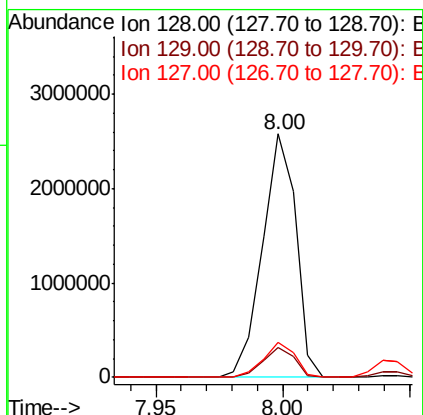
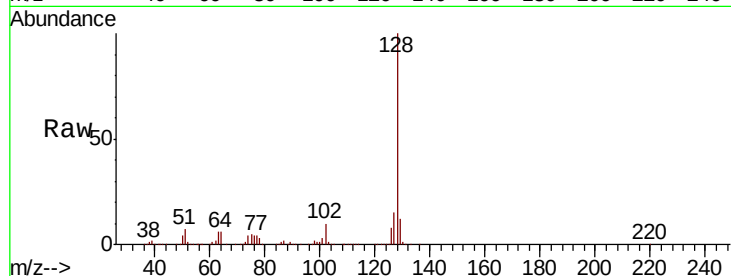




#31
Naphthalene
Concen: 43.979 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

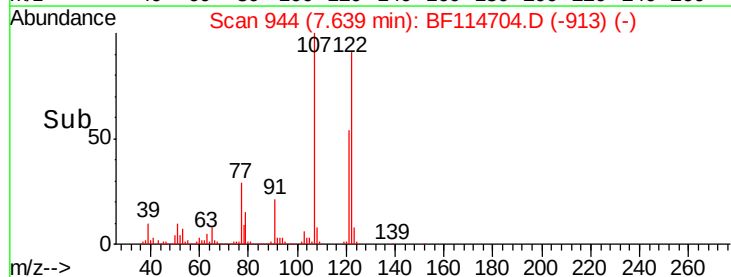
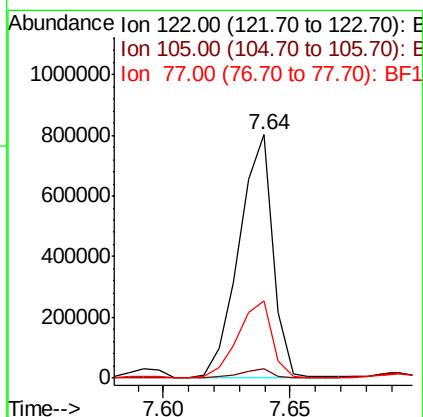
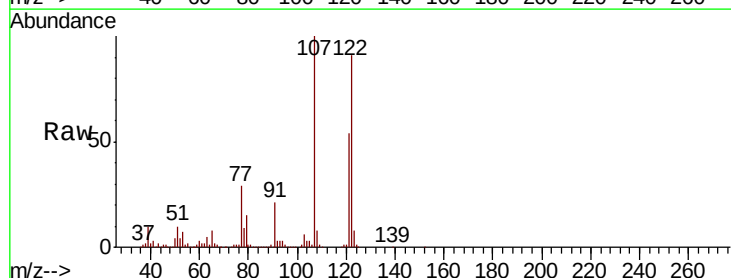
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

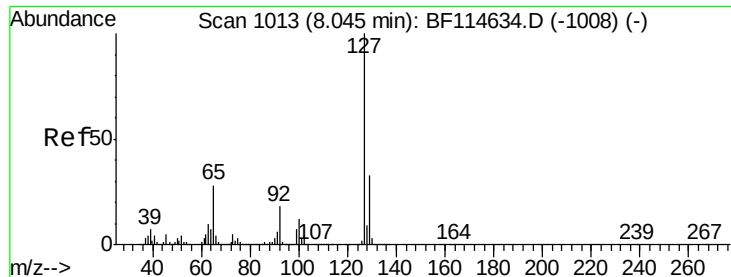
Tgt Ion:128 Resp: 2391410
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.2
127 14.5 11.9 17.9



#32
Benzoic acid
Concen: 70.783 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.12 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:122 Resp: 748103
Ion Ratio Lower Upper
122 100
105 3.7 98.3 138.3#
77 32.0 70.7 110.7#

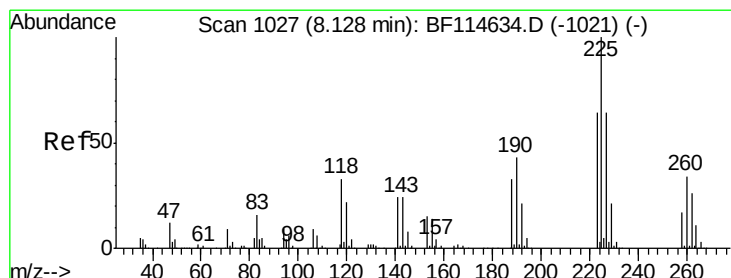
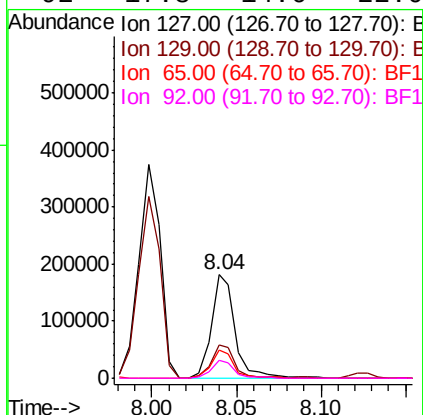
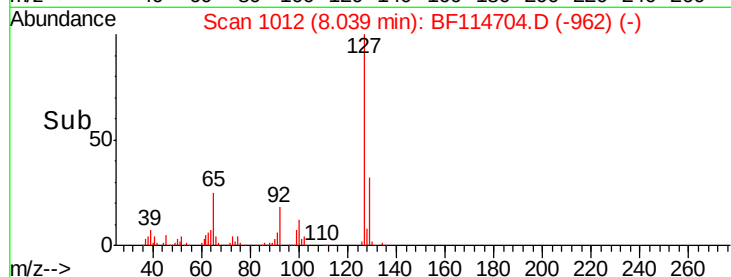
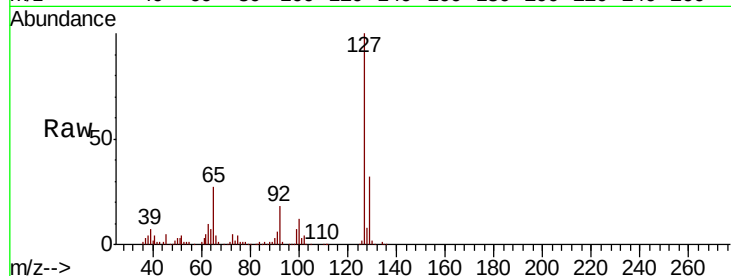




#33
4-Chloroaniline
Concen: 6.778 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

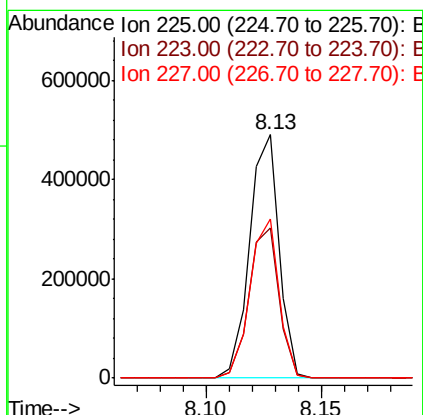
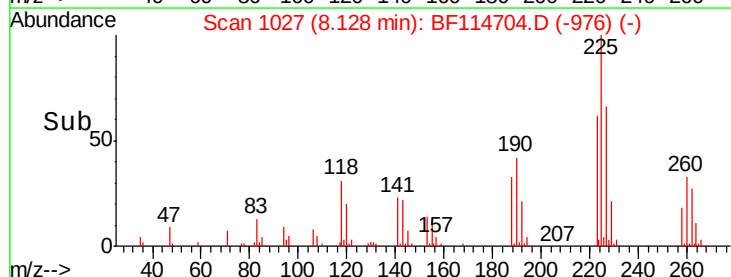
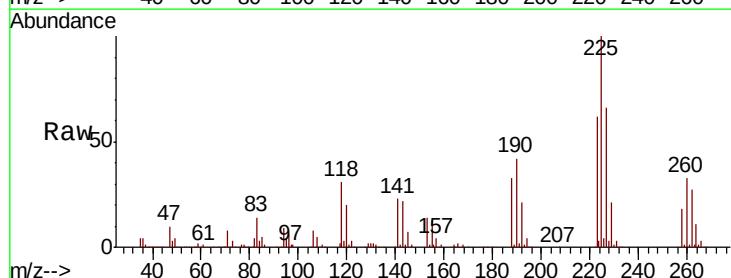
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

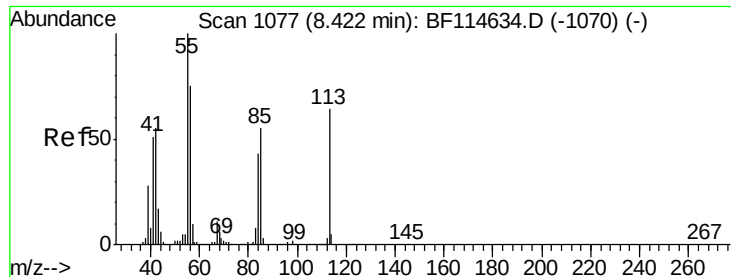
Tgt Ion:	127	Resp:	175583
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	27.1	22.5	33.7
92	17.8	14.6	22.0



#34
Hexachlorobutadiene
Concen: 41.853 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:	225	Resp:	438728
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.9	76.3
227	65.6	51.3	76.9





#35

Caprolactam

Concen: 29.185 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

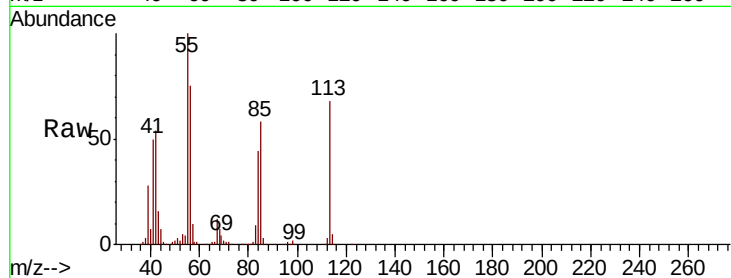
Tgt Ion:113 Resp: 163123

Ion Ratio Lower Upper

113 100

55 146.7 136.4 176.4

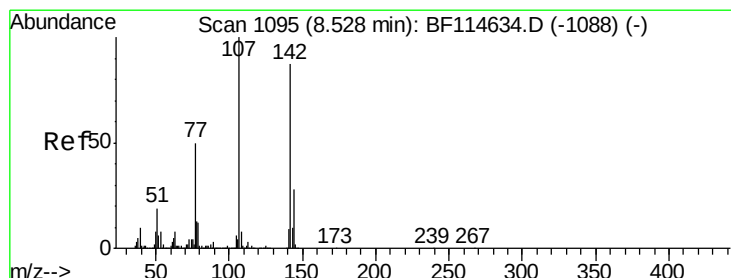
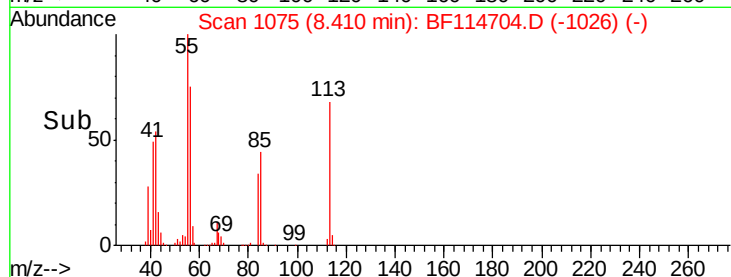
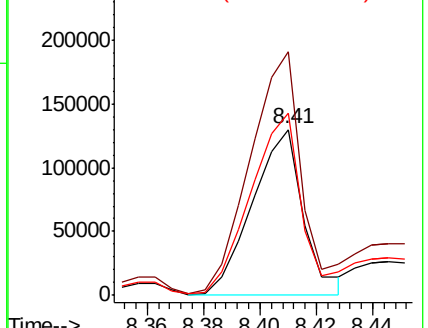
56 109.5 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.298 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

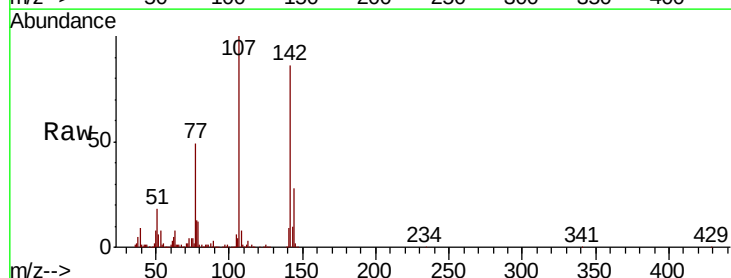
Tgt Ion:107 Resp: 768993

Ion Ratio Lower Upper

107 100

144 27.7 22.5 33.7

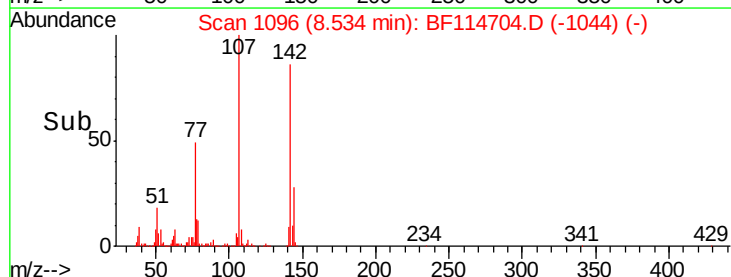
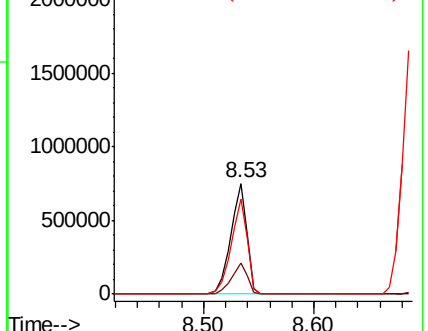
142 85.9 69.8 104.6

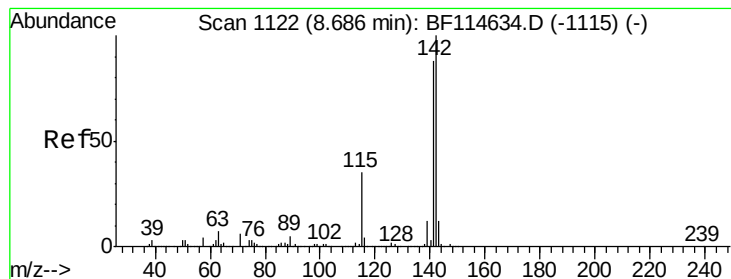


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.221 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

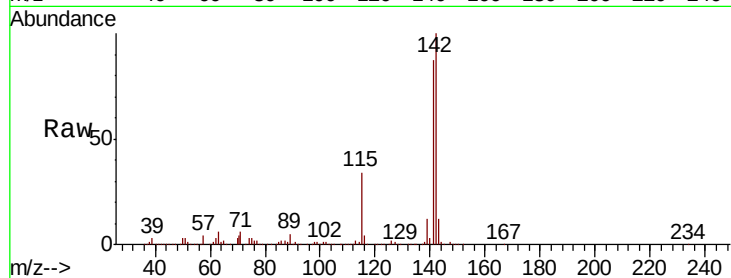
Tgt Ion:142 Resp: 1669922

Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5

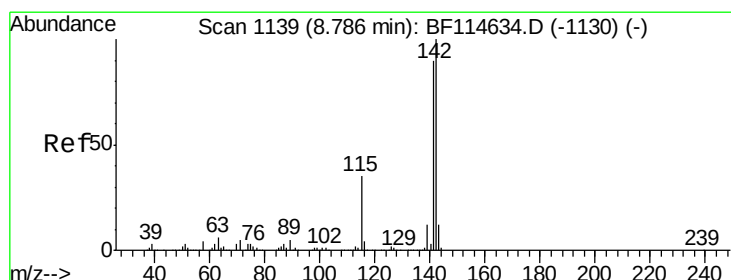
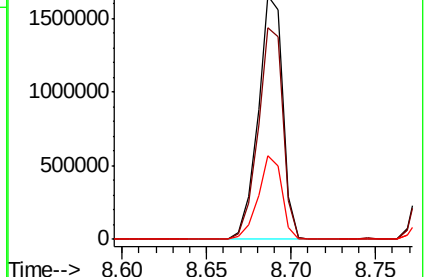
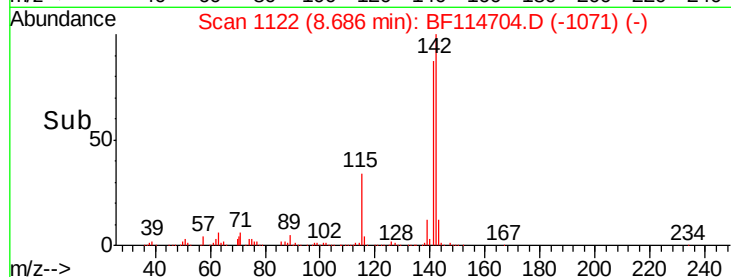
115 34.3 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.779 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

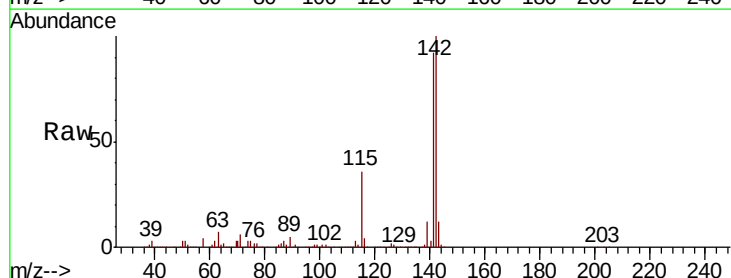
Tgt Ion:142 Resp: 1567040

Ion Ratio Lower Upper

142 100

141 91.8 72.3 108.5

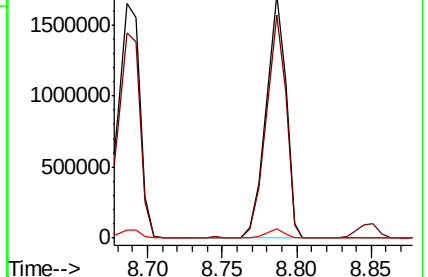
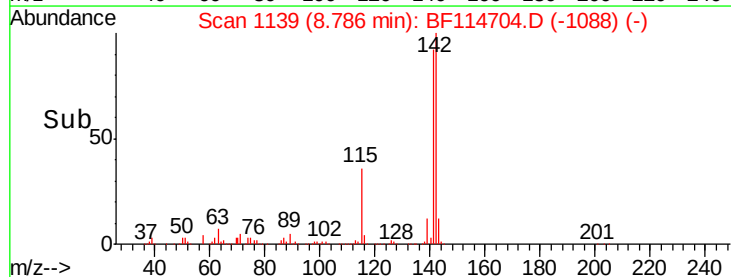
116 3.8 3.0 4.4

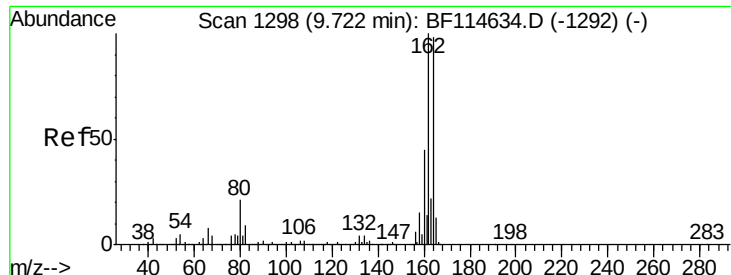


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

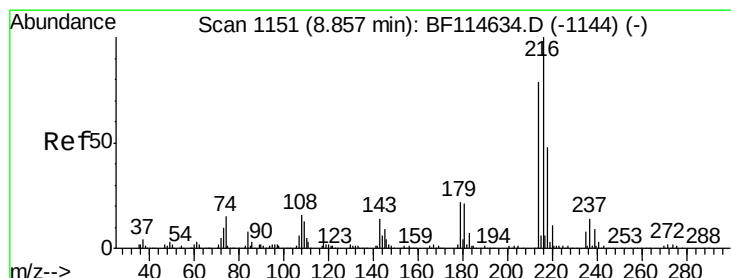
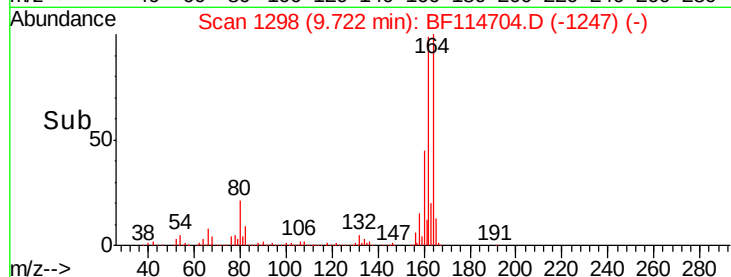
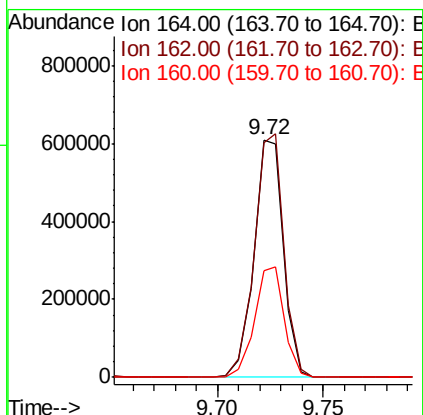
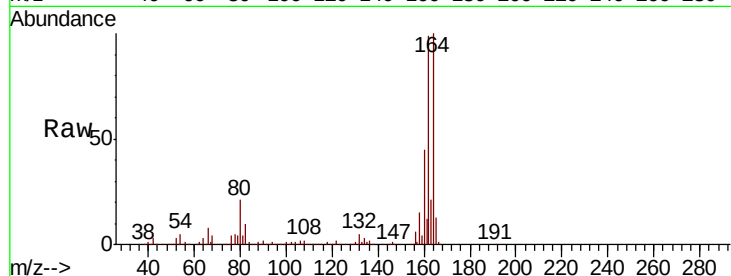




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

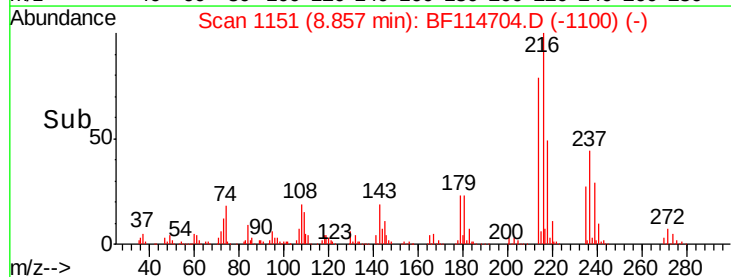
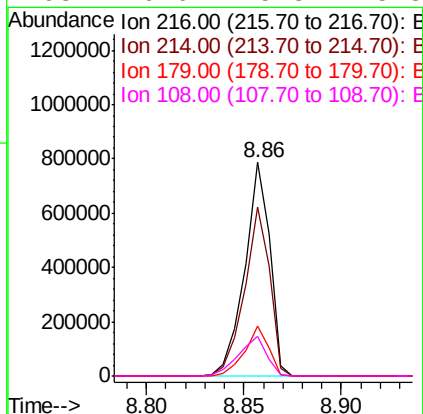
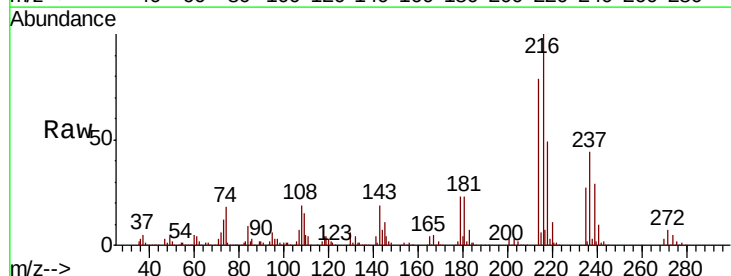
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

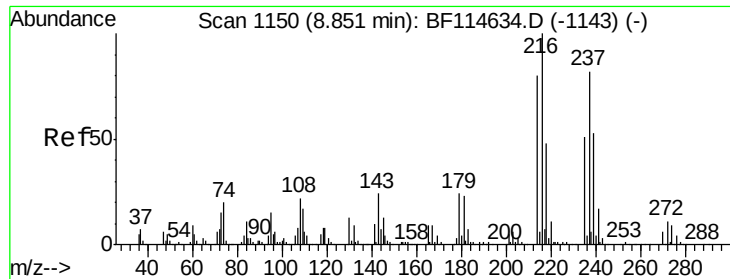
Tgt Ion:	164	Resp:	590780
Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.2
160	45.0	36.6	54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.679 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion:	216	Resp:	702934
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.2	94.8
179	22.3	17.9	26.9
108	20.6	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 75.696 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

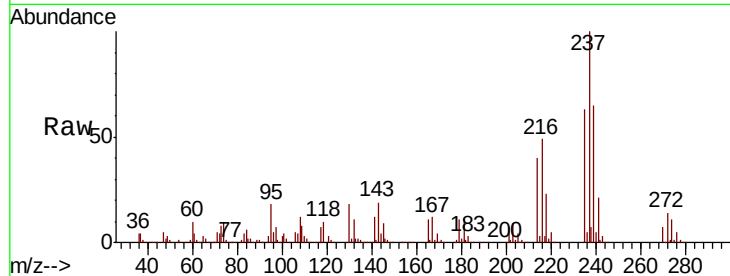
Tgt Ion:237 Resp: 786980

Ion Ratio Lower Upper

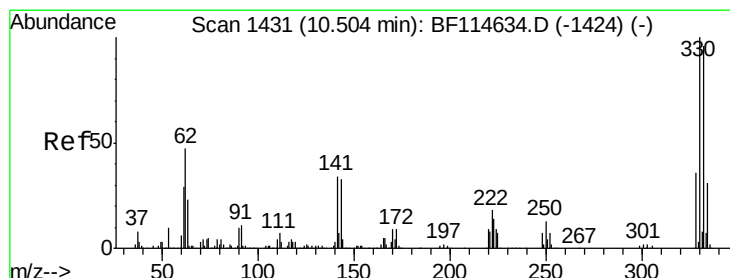
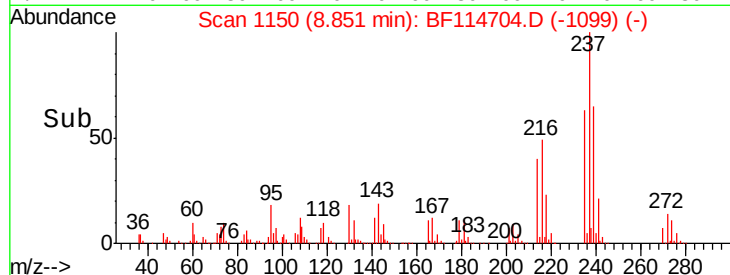
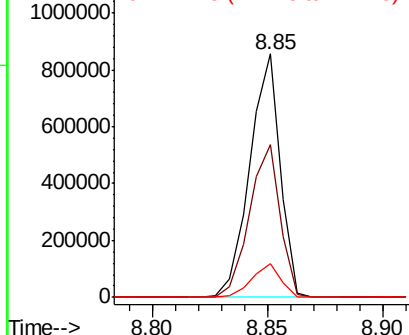
237 100

235 62.8 42.8 82.8

272 13.7 0.0 33.7



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: 137.994 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

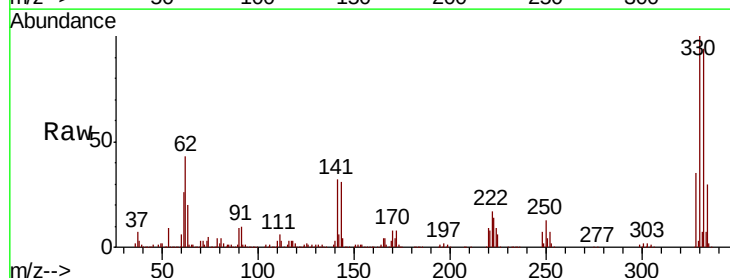
Tgt Ion:330 Resp: 776795

Ion Ratio Lower Upper

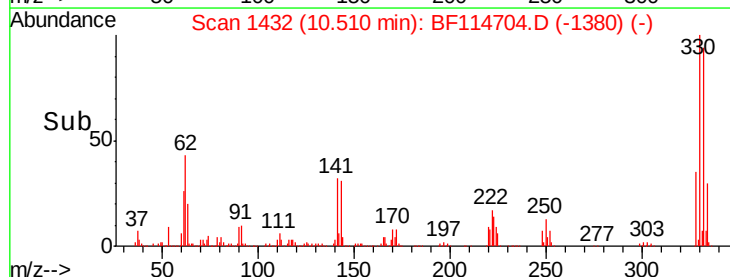
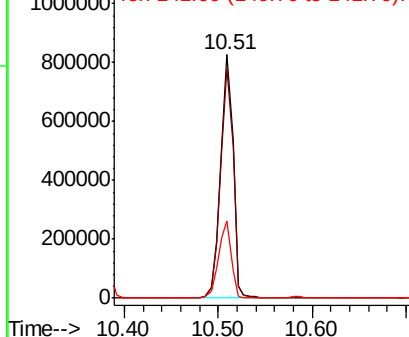
330 100

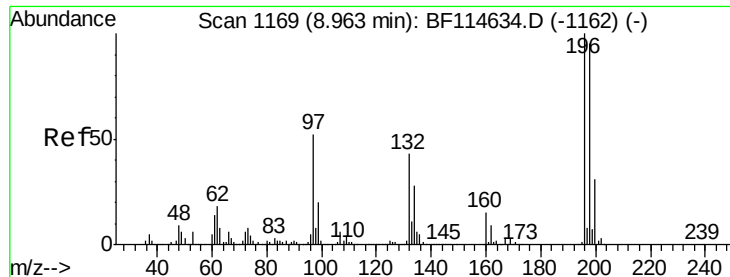
332 95.8 75.8 113.8

141 32.2 27.8 41.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

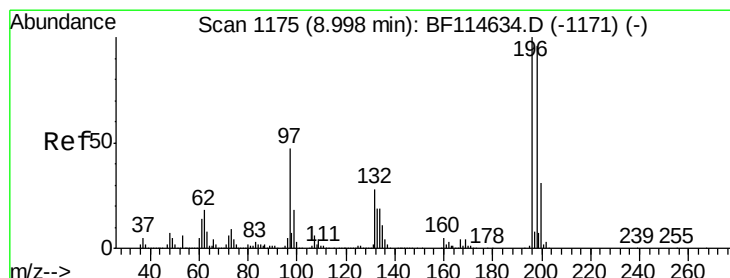
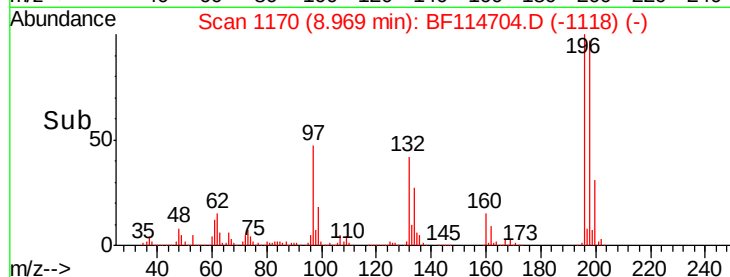
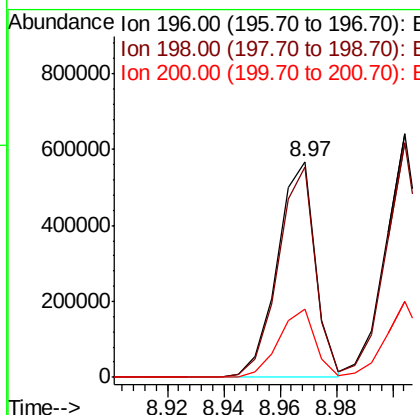
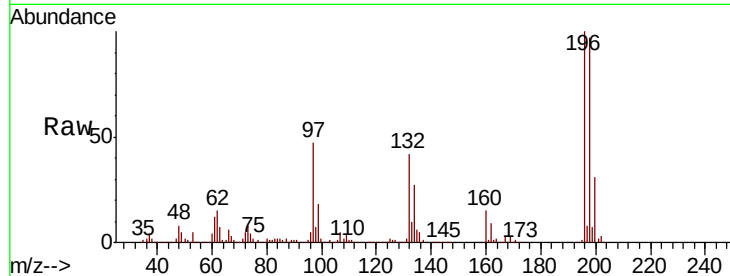




#43
 2,4,6-Trichlorophenol
 Concen: 42.990 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

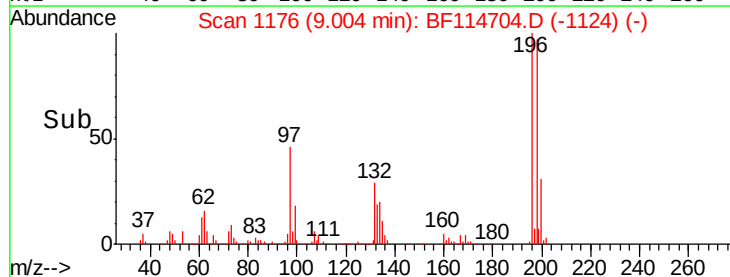
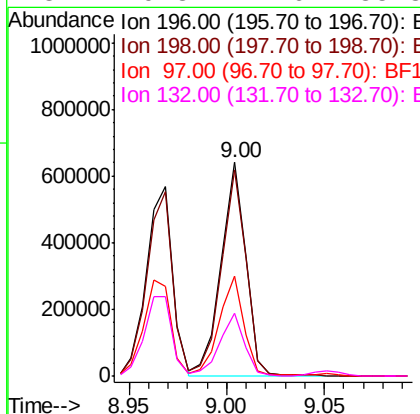
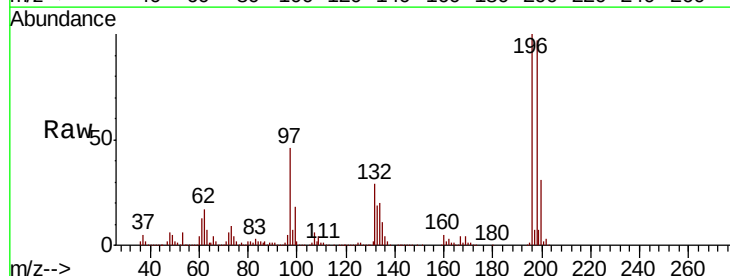
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

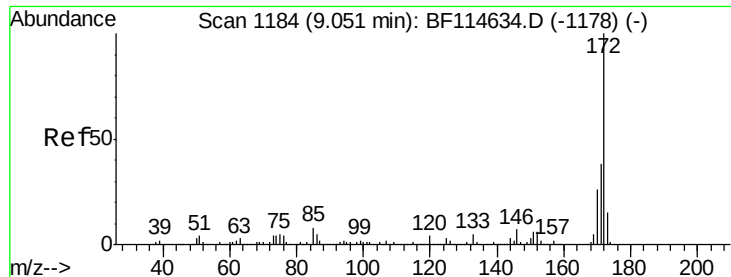
Tgt Ion:196 Resp: 532189
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.1 114.1
 200 31.4 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.561 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion:196 Resp: 562821
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.8 115.2
 97 46.5 37.8 56.8
 132 29.3 22.6 33.8

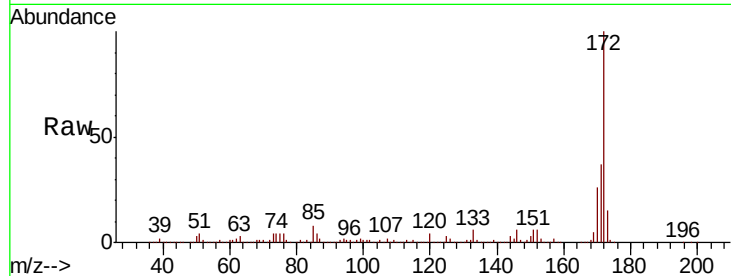




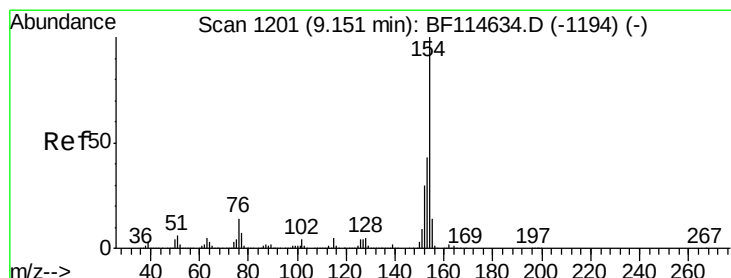
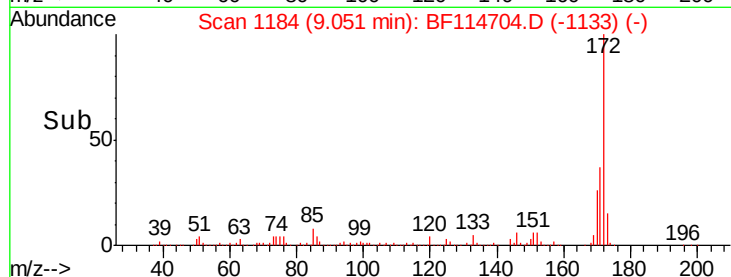
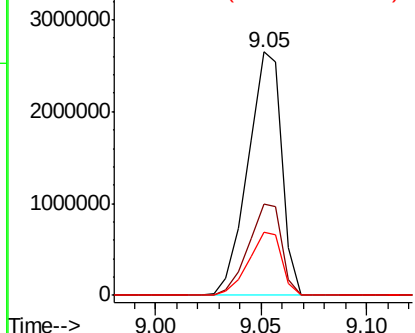
#45
2-Fluorobiphenyl
Concen: 95.762 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

Tgt Ion:172 Resp: 2947991
Ion Ratio Lower Upper
172 100
171 37.4 30.6 45.8
170 25.9 20.7 31.1

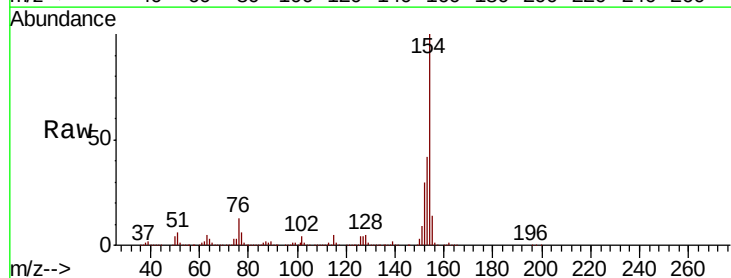


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

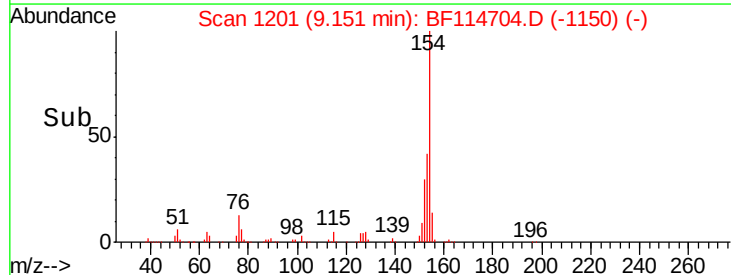
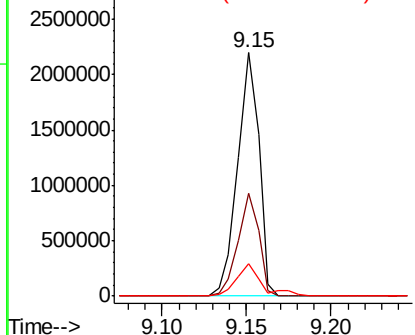


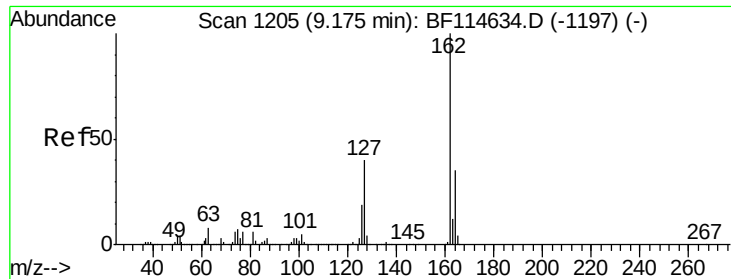
#46
1,1'-Biphenyl
Concen: 44.102 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:154 Resp: 1934058
Ion Ratio Lower Upper
154 100
153 42.4 23.0 63.0
76 13.5 0.0 33.9



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

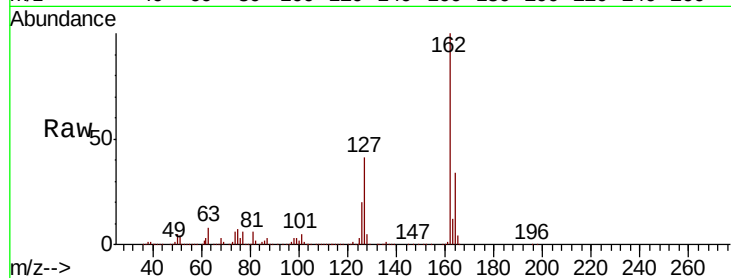




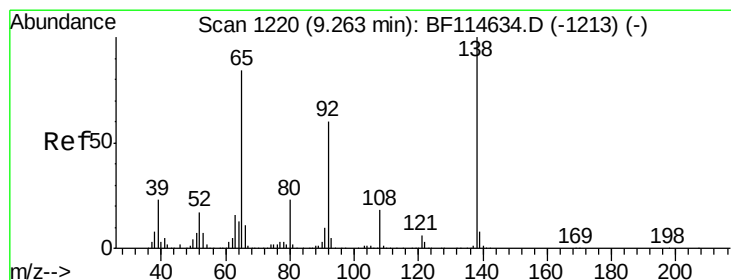
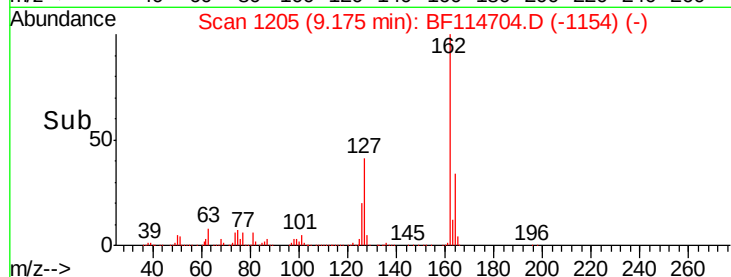
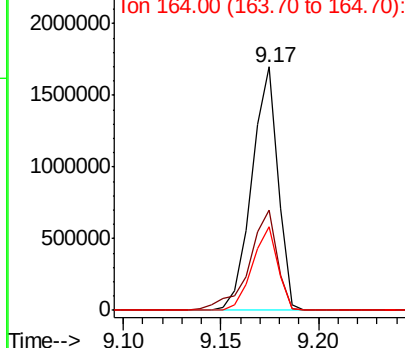
#47
 2-Chloronaphthalene
 Concen: 43.797 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

Tgt Ion: 162 Resp: 1575510
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.2 48.2
 164 34.5 27.8 41.6

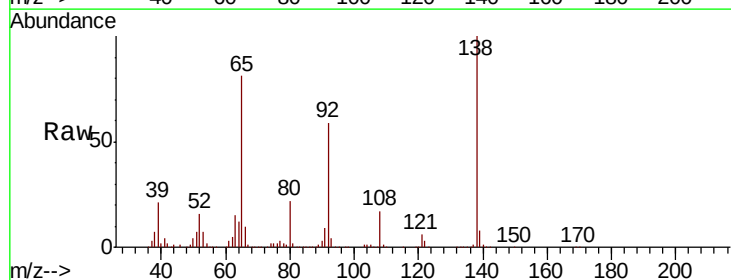


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

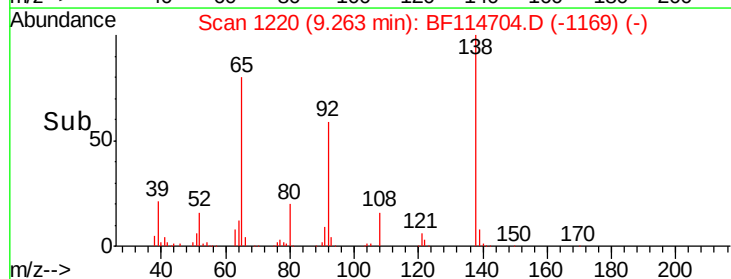
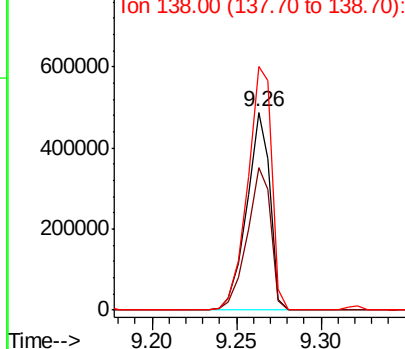


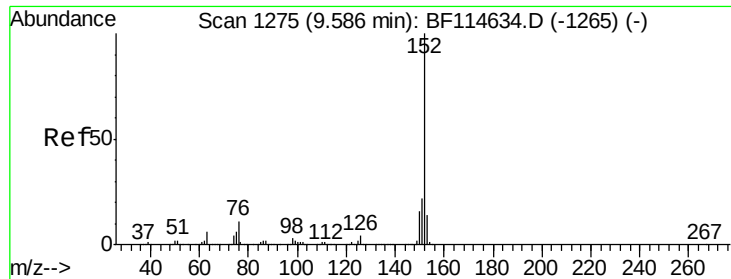
#48
 2-Nitroaniline
 Concen: 42.202 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion: 65 Resp: 468495
 Ion Ratio Lower Upper
 65 100
 92 72.3 57.1 85.7
 138 123.3 95.8 143.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.056 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

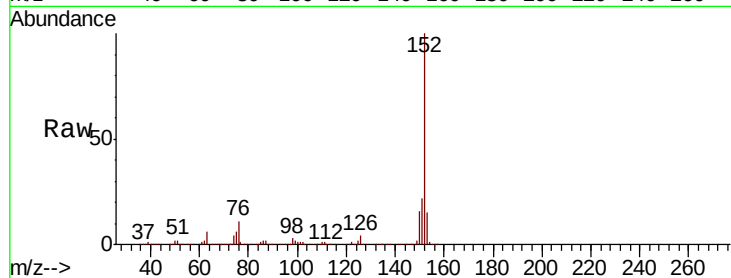
BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

Tgt Ion:152 Resp: 2448377

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.5	26.3
153	14.8	11.6	17.4

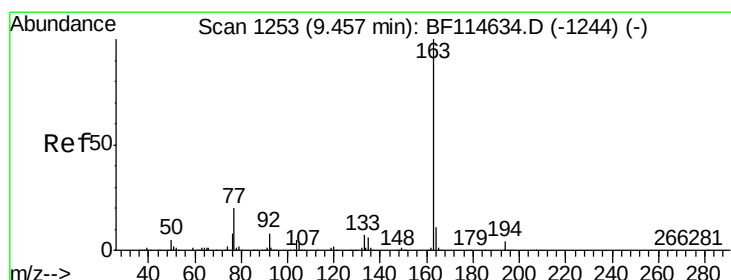
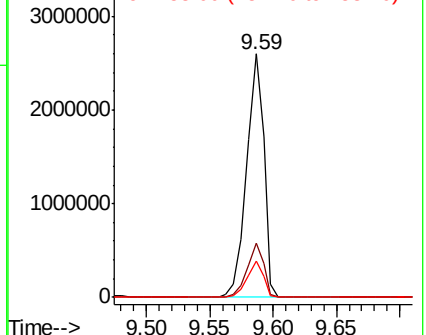
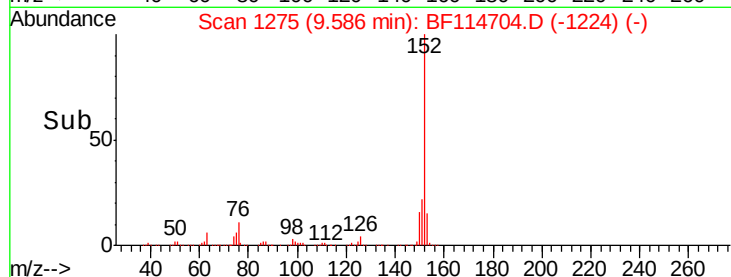


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.226 ng

RT: 9.46 min Scan# 1253

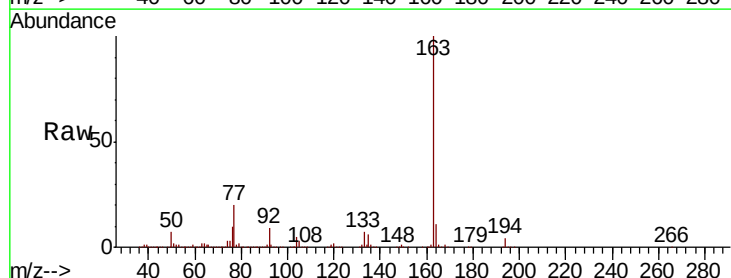
Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Tgt Ion:163 Resp: 2108790

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.9	8.6	13.0

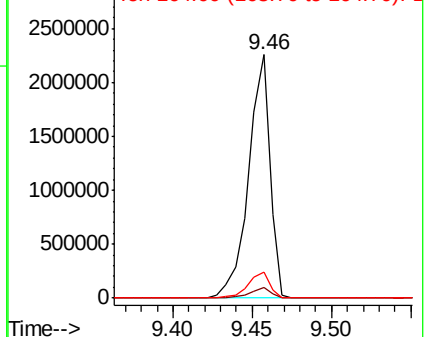
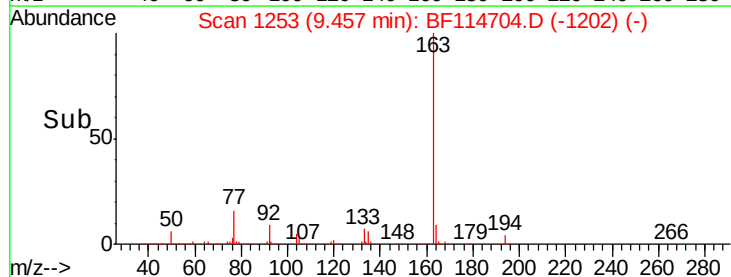


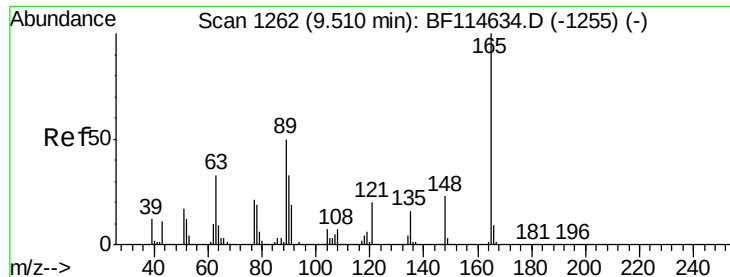
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

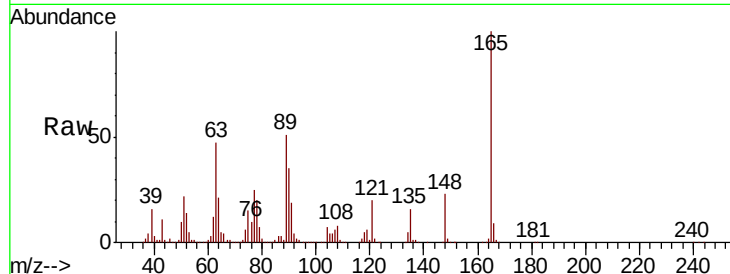




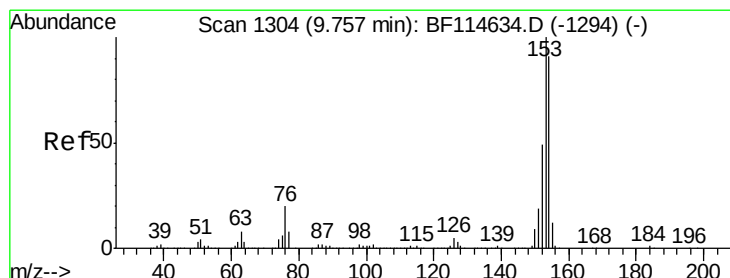
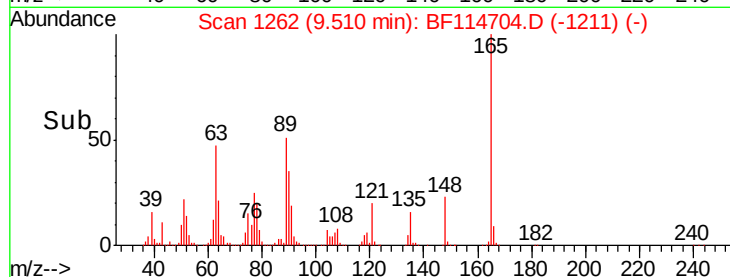
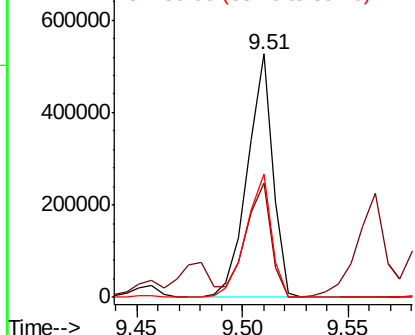
#51
 2,6-Dinitrotoluene
 Concen: 46.133 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

Tgt Ion:165 Resp: 441286
 Ion Ratio Lower Upper
 165 100
 63 46.9 36.6 54.8
 89 50.7 40.2 60.4

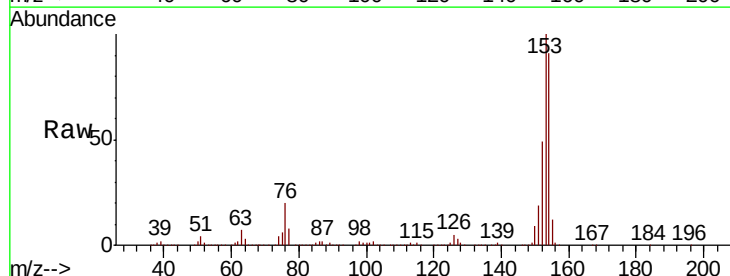


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

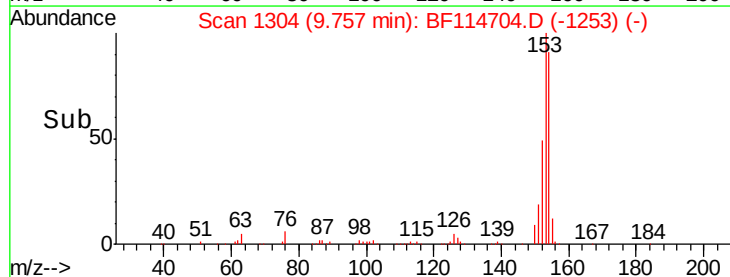
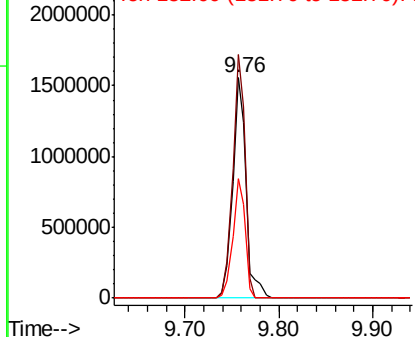


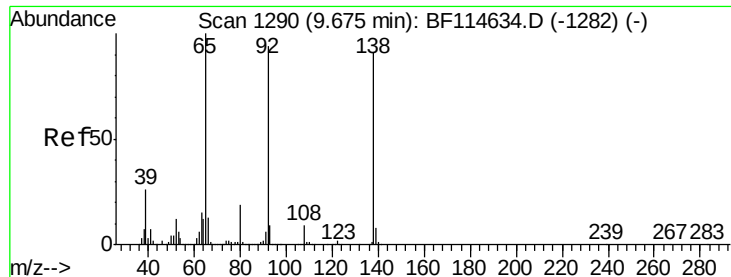
#52
 Acenaphthene
 Concen: 45.004 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion:154 Resp: 1533861
 Ion Ratio Lower Upper
 154 100
 153 110.4 88.4 132.6
 152 54.4 43.4 65.0



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

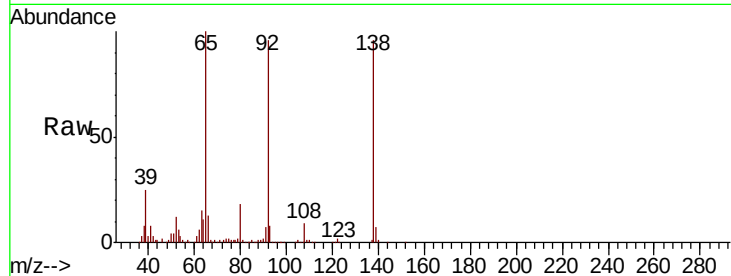




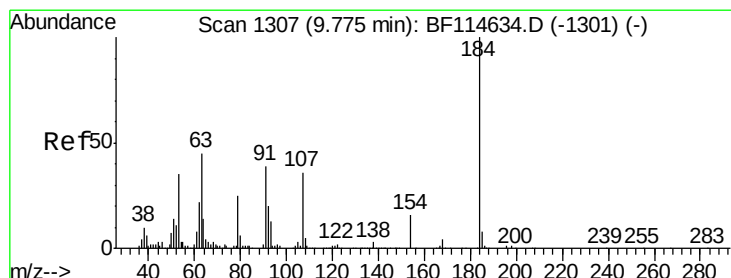
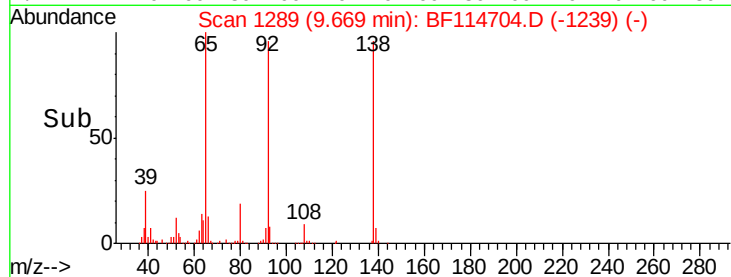
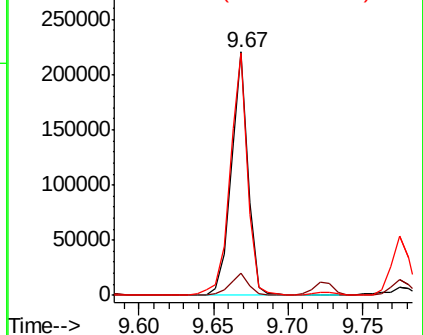
#53
 3-Nitroaniline
 Concen: 15.129 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.3	12.5
92	99.8	83.1	124.7

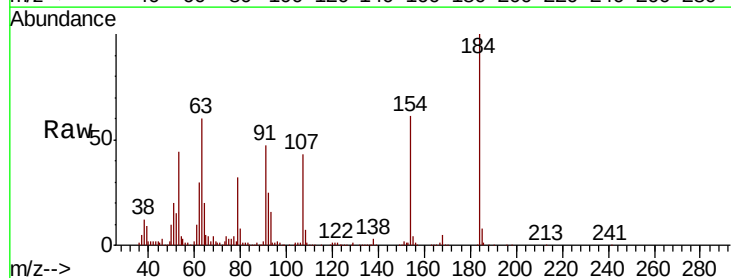


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

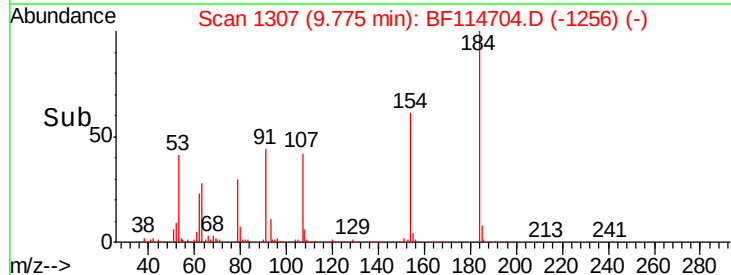
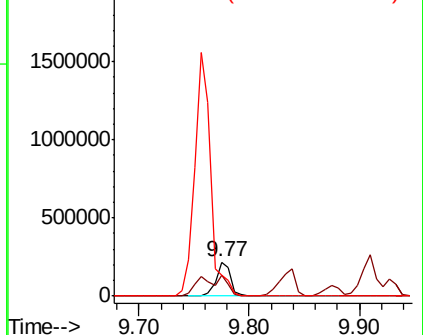


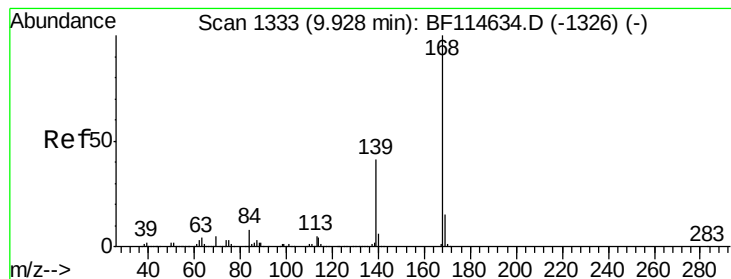
#54
 2,4-Dinitrophenol
 Concen: 52.338 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF114704.D
 Acq: 31 May 2019 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	38.8	58.2#
154	60.9	43.7	65.5



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





#55

Dibenzenofuran

Concen: 44.165 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

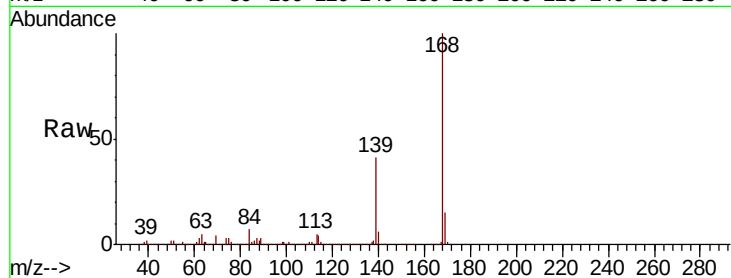
Tgt Ion:168 Resp: 2142679

Ion Ratio Lower Upper

168 100

139 40.5 32.6 48.8

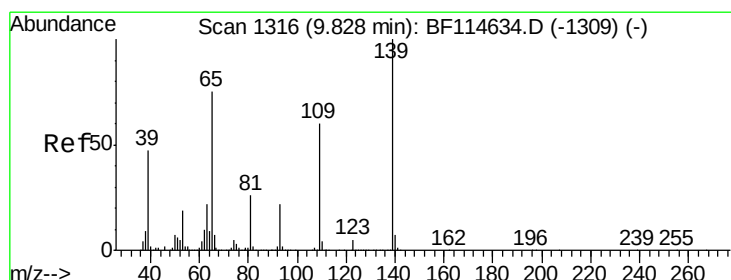
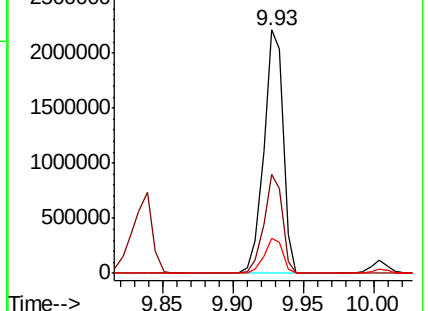
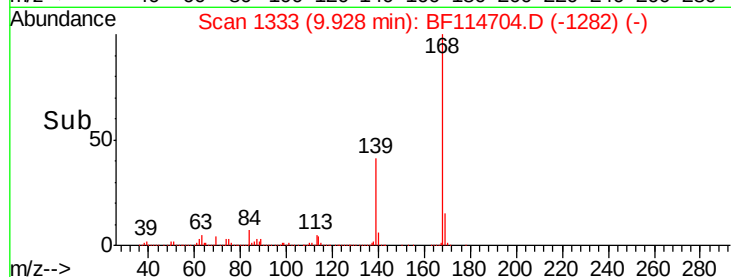
169 14.6 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.273 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

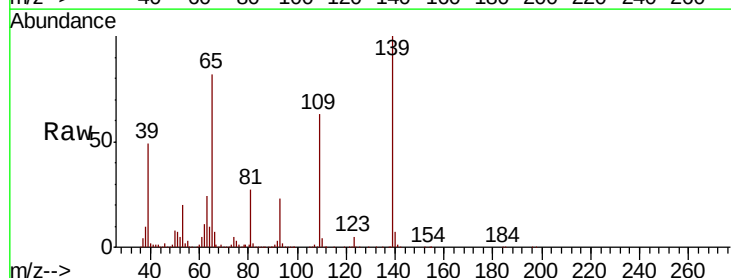
Tgt Ion:139 Resp: 739804

Ion Ratio Lower Upper

139 100

109 62.9 40.4 80.4

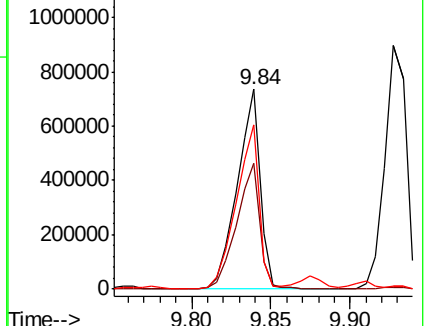
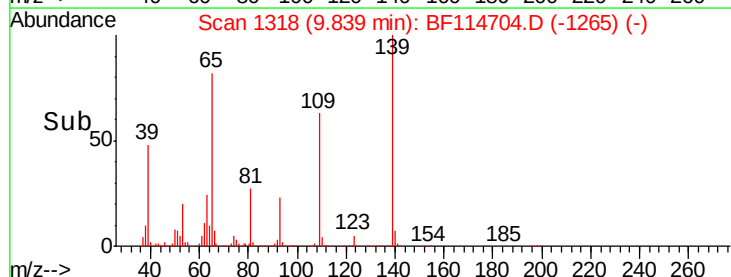
65 82.0 54.7 94.7

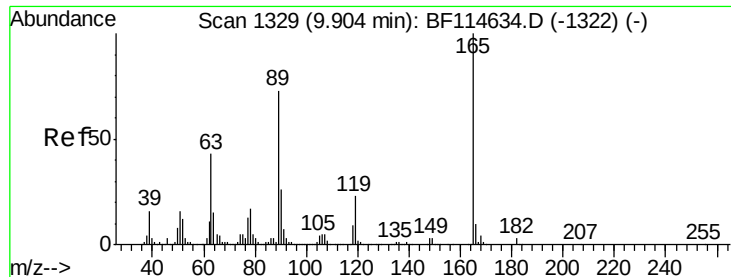


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

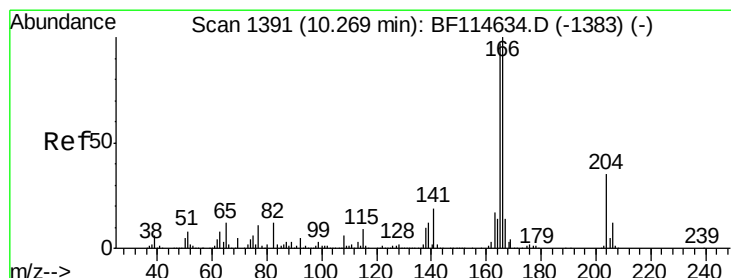
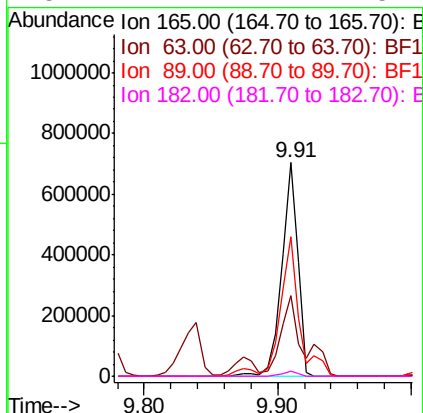
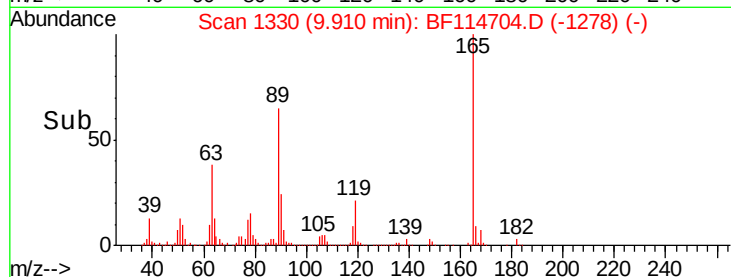
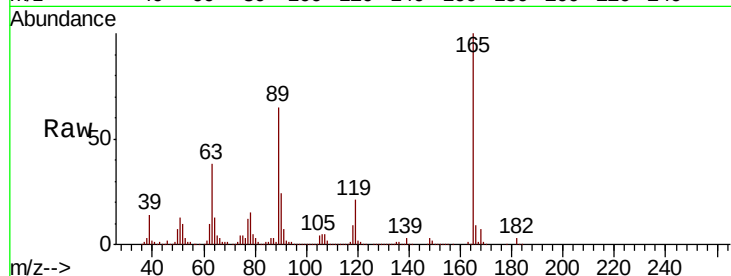




#57
2,4-Dinitrotoluene
Concen: 48.885 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

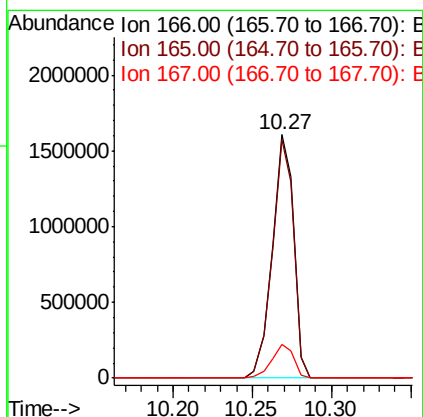
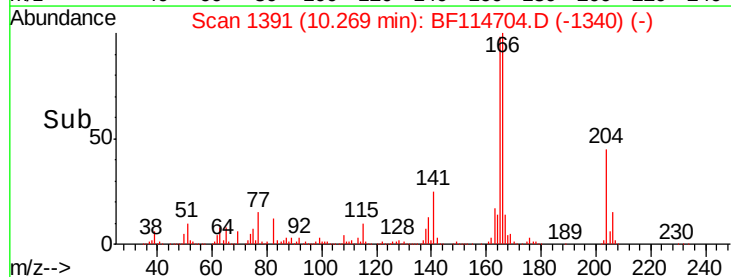
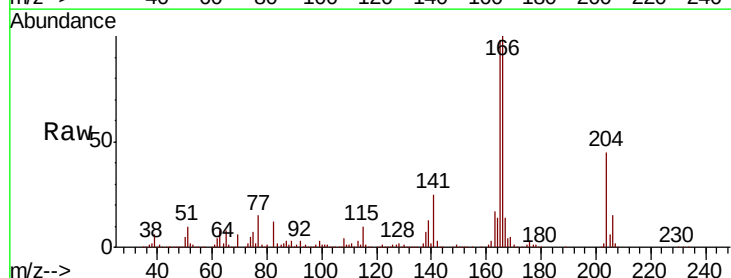
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

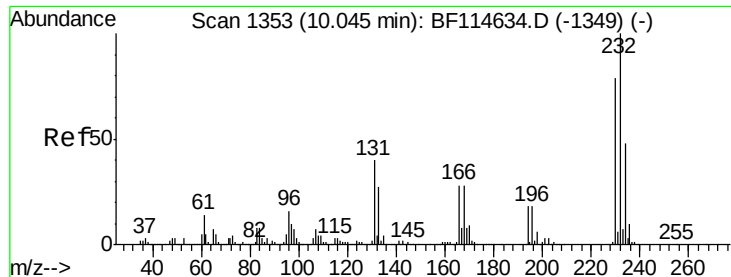
Tgt Ion:	165	Resp:	600134
Ion	Ratio	Lower	Upper
165	100		
63	38.1	34.8	52.2
89	65.2	58.5	87.7
182	2.7	2.2	3.2



#58
Fluorene
Concen: 48.226 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:	166	Resp:	1518296
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.6	116.4
167	14.0	11.2	16.8

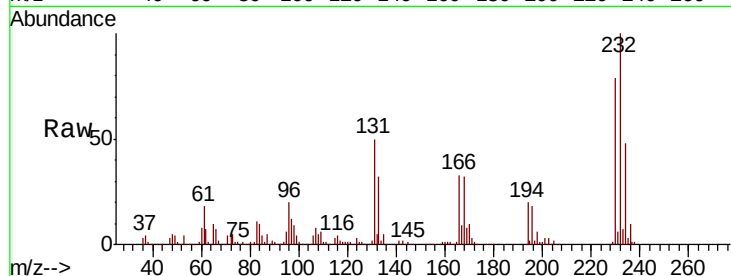




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.676 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

Tgt Ion:	232	Resp:	451736
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.2	55.8
130	2.2	1.8	2.8
166	30.6	24.8	37.2



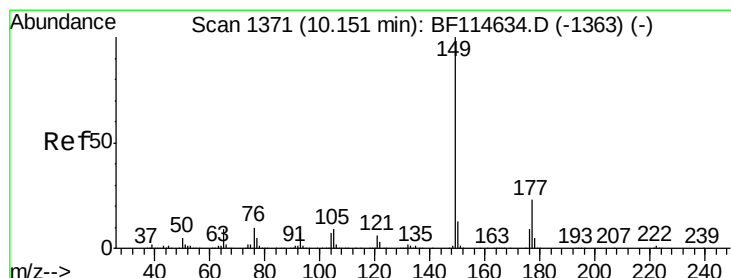
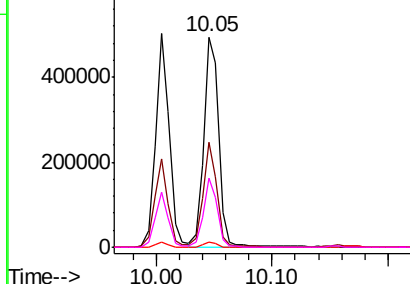
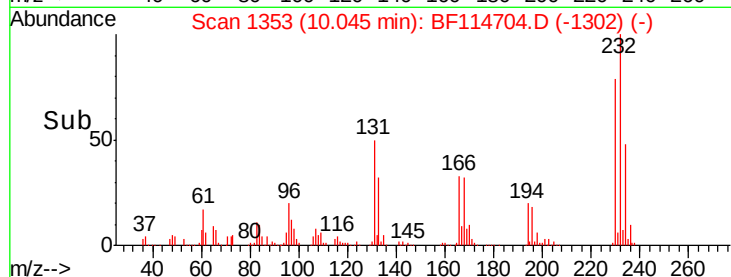
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

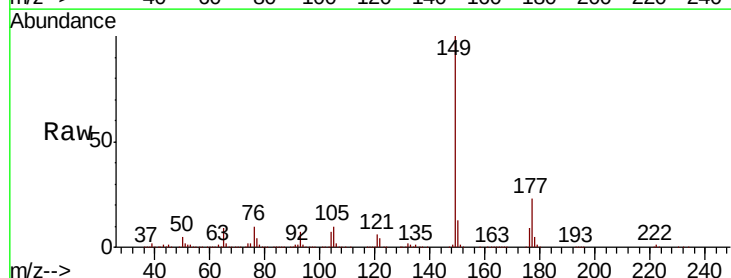
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.116 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:	149	Resp:	1854864
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.6	28.0
150	13.2	10.6	15.8

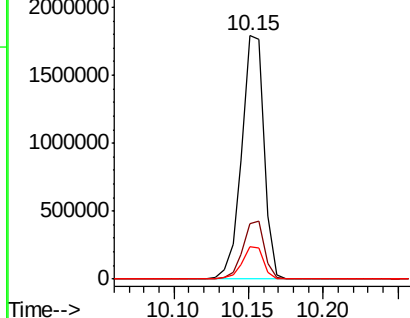
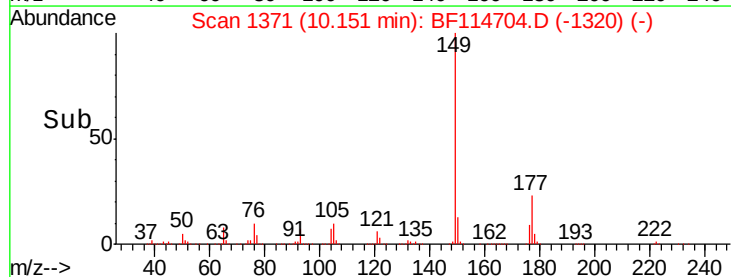


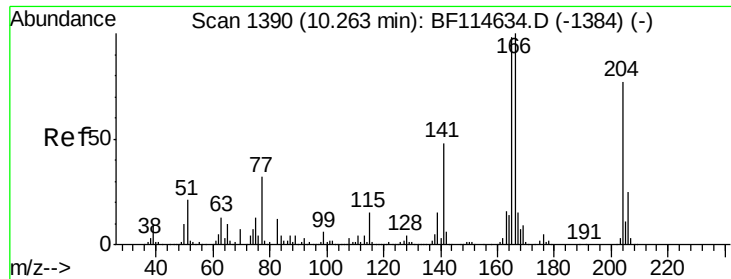
Abundance

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

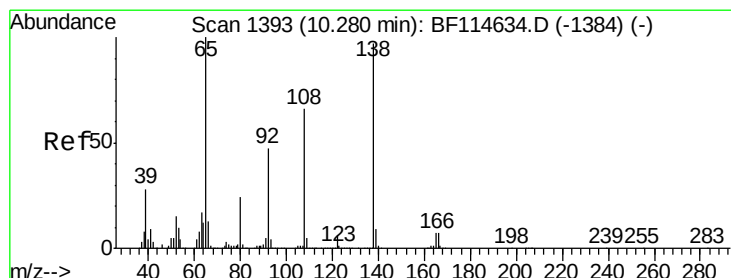
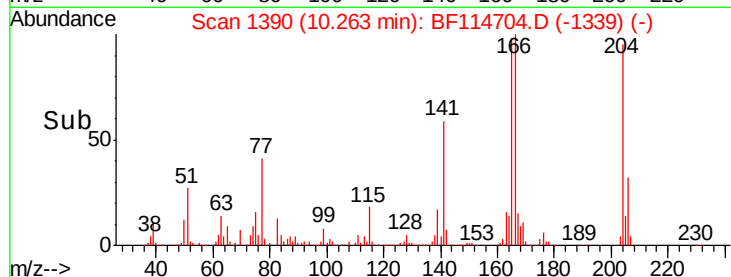
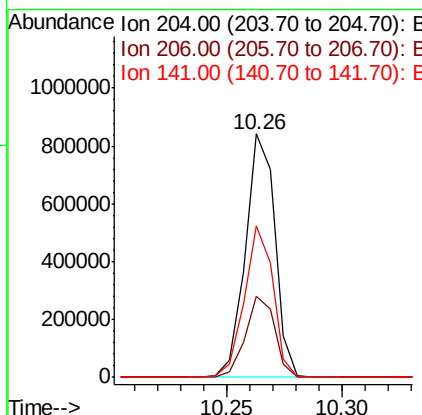
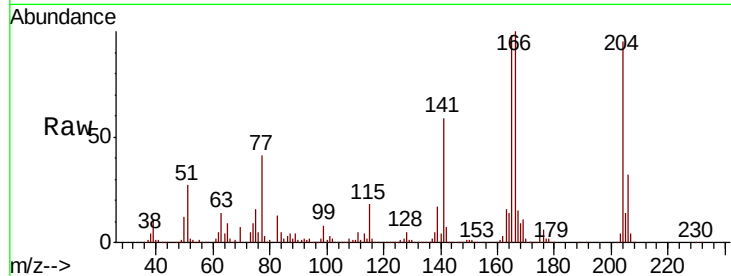




#61
4-Chlorophenyl-phenylether
Concen: 47.251 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

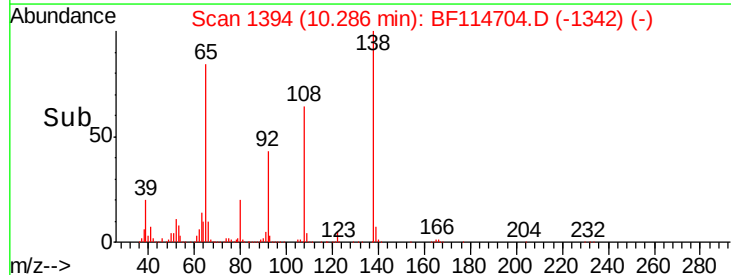
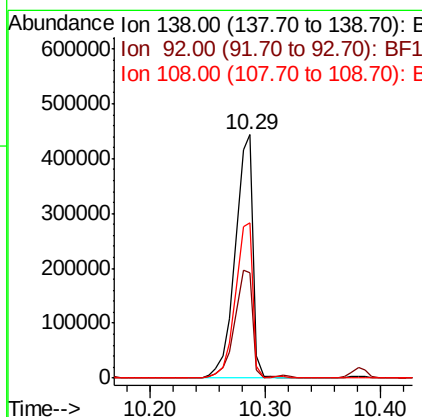
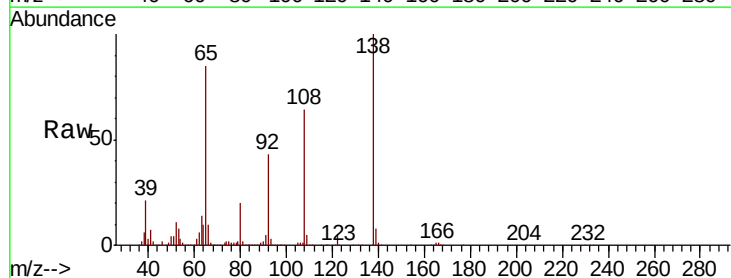
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

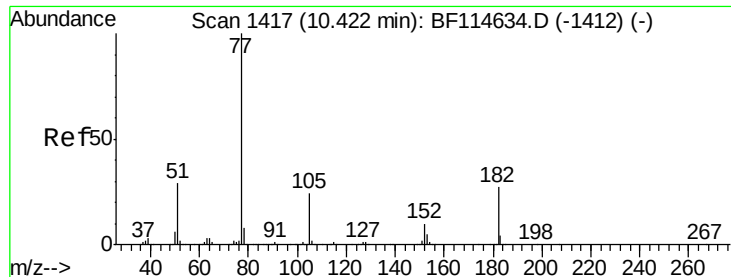
Tgt Ion:204 Resp: 754464
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 62.2 50.0 75.0



#62
4-Nitroaniline
Concen: 41.245 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:138 Resp: 470530
Ion Ratio Lower Upper
138 100
92 43.4 28.0 68.0
108 63.9 48.4 88.4





#63

Azobenzene

Concen: 42.787 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

Tgt Ion: 77 Resp: 1651656

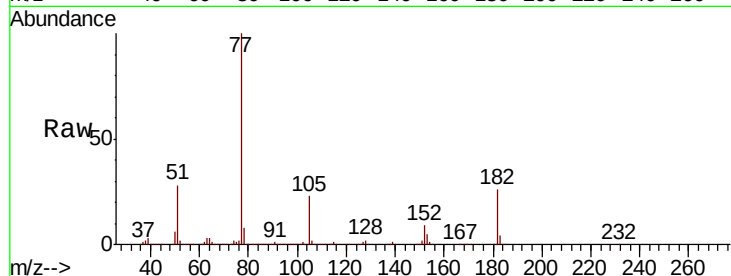
Ion Ratio Lower Upper

77 100

182 26.3 7.0 47.0

105 23.3 3.7 43.7

51 28.2 9.1 49.1

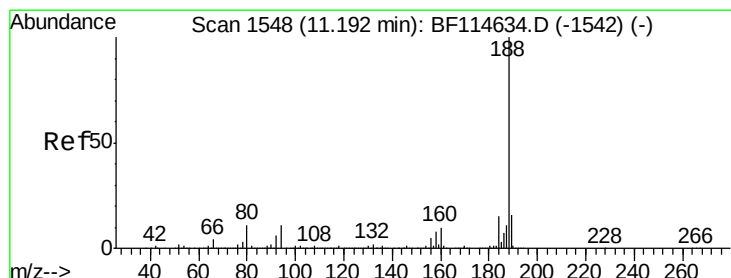
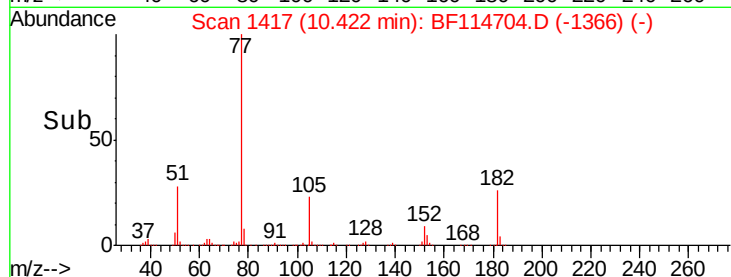
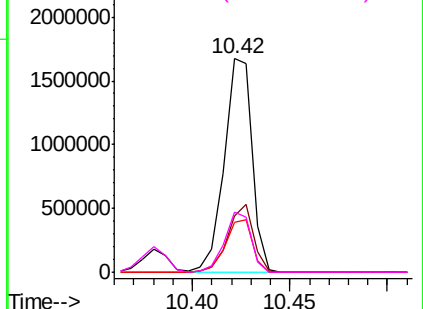


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

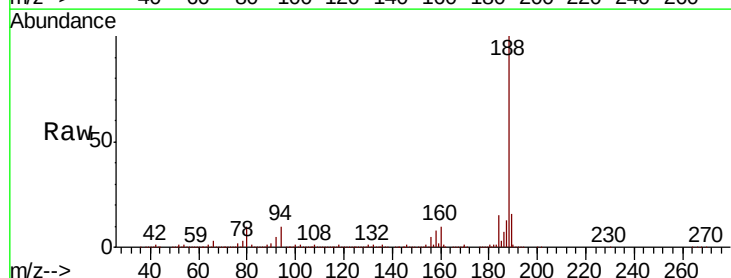
Tgt Ion: 188 Resp: 1179707

Ion Ratio Lower Upper

188 100

94 9.8 8.6 13.0

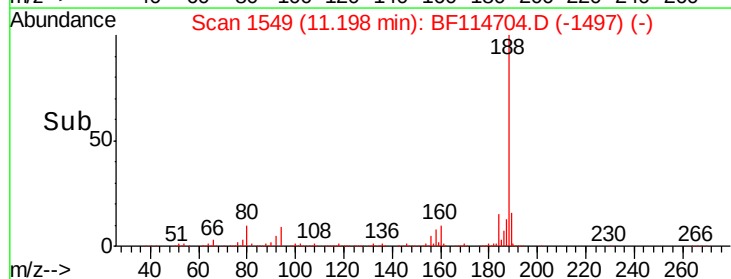
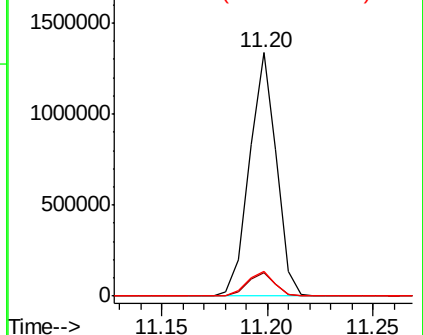
80 10.2 9.0 13.6

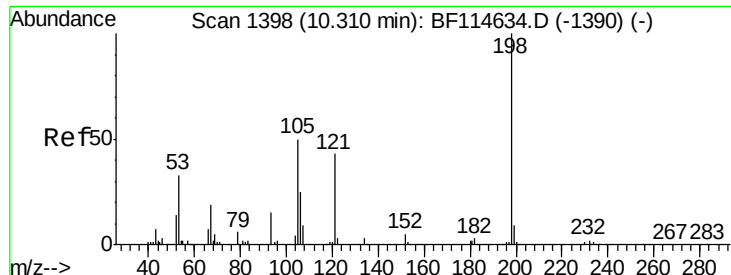


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

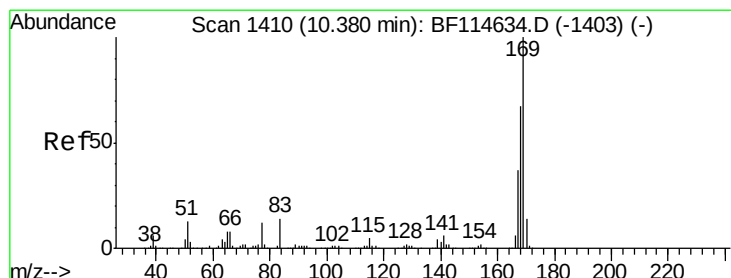
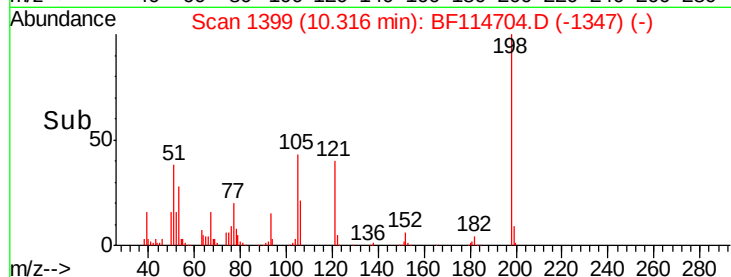
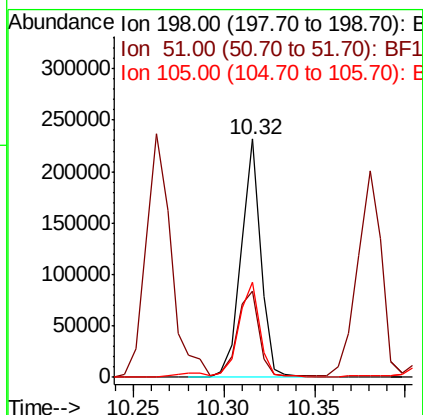
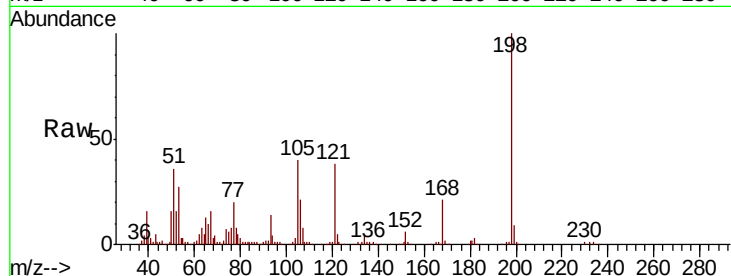




#65
4,6-Dinitro-2-methylphenol
Concen: 33.553 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

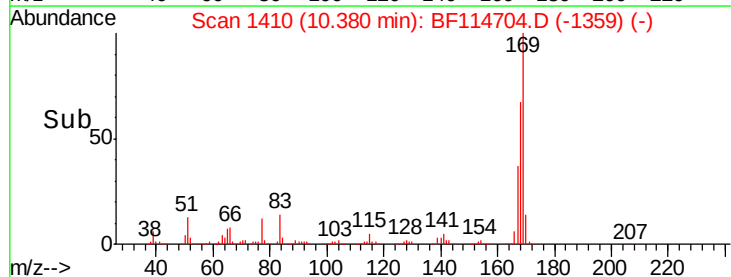
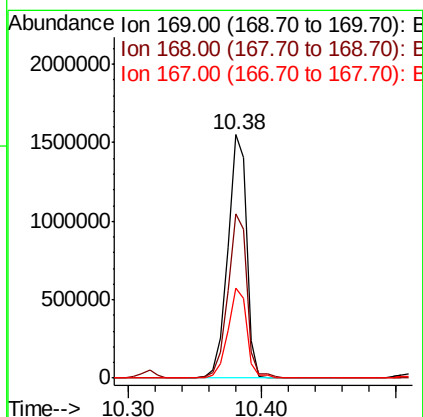
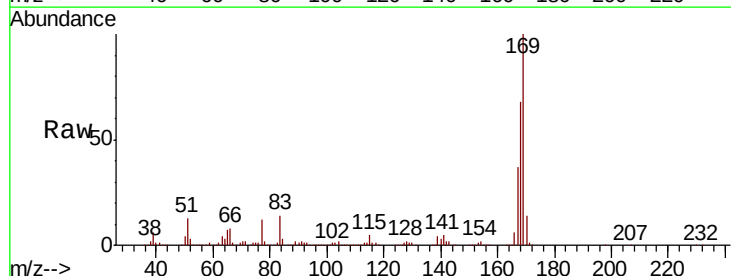
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

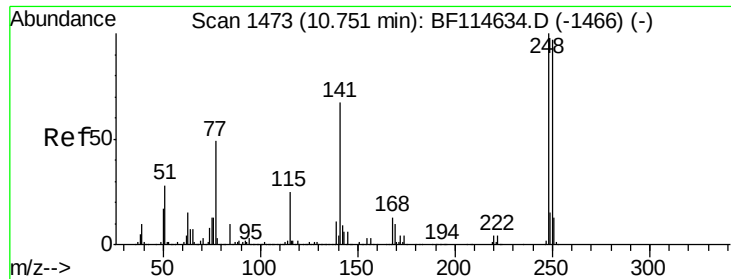
Tgt Ion:198 Resp: 175516
Ion Ratio Lower Upper
198 100
51 36.0 29.0 69.0
105 39.8 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 44.128 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:169 Resp: 1538086
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.8
167 36.7 29.8 44.6

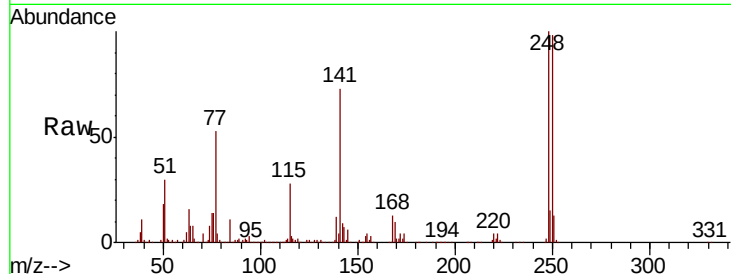




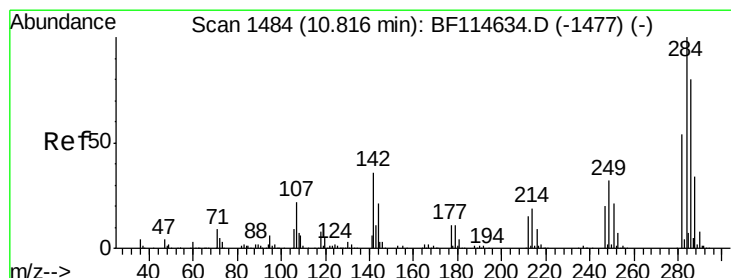
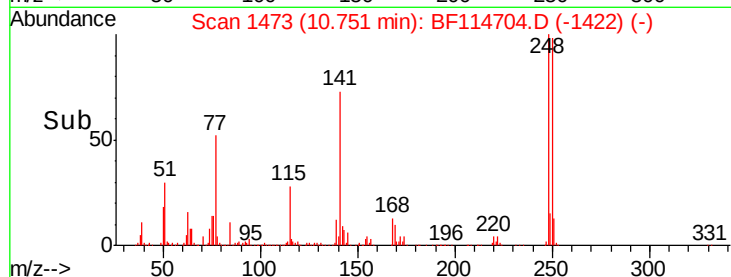
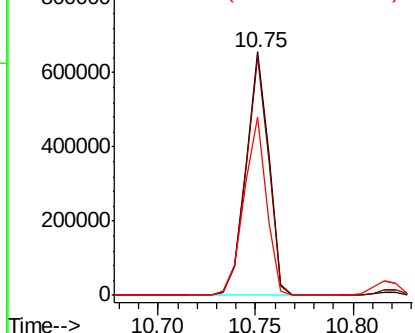
#67
4-Bromophenyl-phenylether
Concen: 41.978 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

Tgt Ion:248 Resp: 531051
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 73.1 53.8 80.8

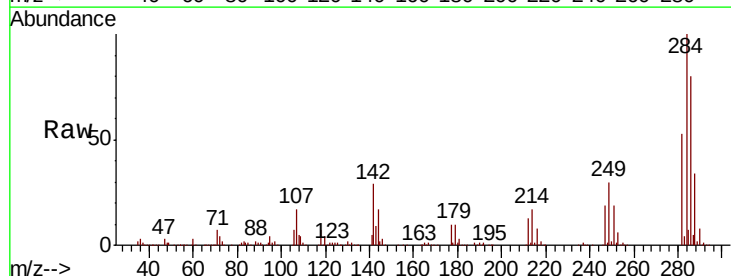


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

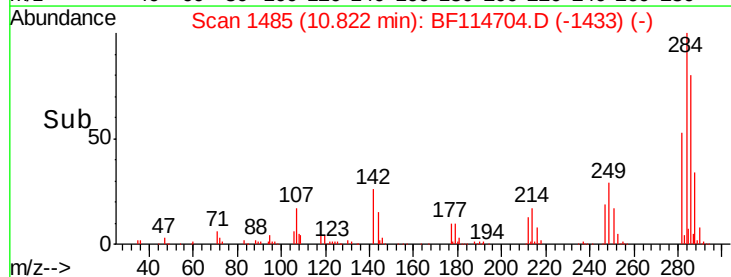
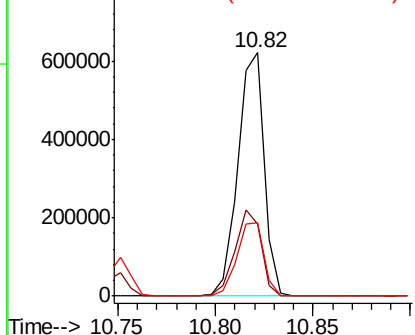


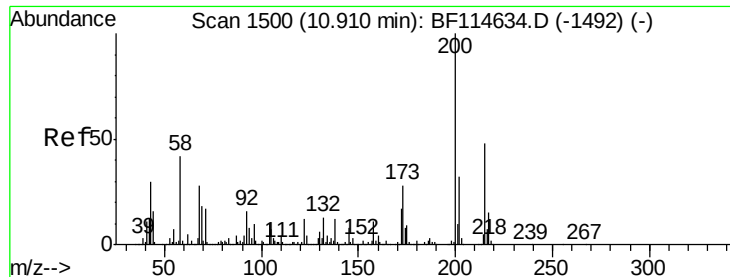
#68
Hexachlorobenzene
Concen: 42.233 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:284 Resp: 578691
Ion Ratio Lower Upper
284 100
142 29.5 28.9 43.3
249 30.1 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.985 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

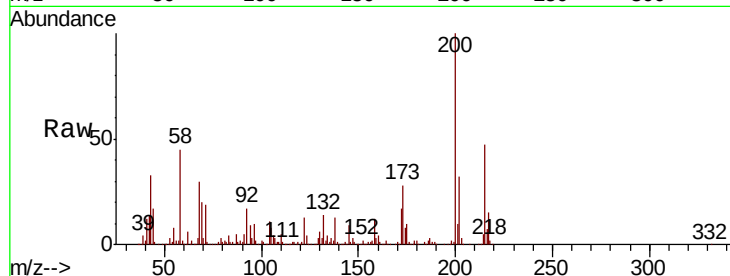
Tgt Ion:200 Resp: 525279

Ion Ratio Lower Upper

200 100

173 28.4 7.9 47.9

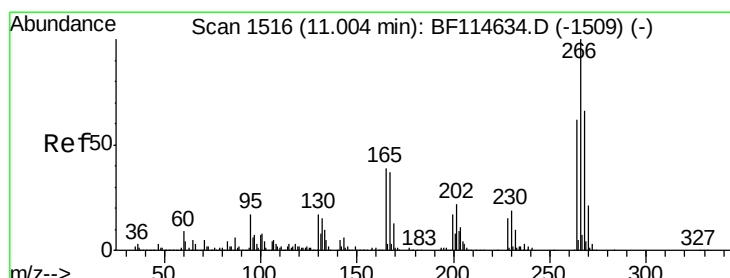
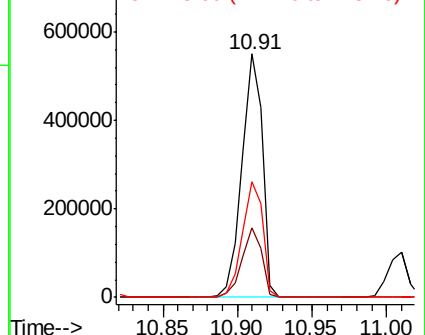
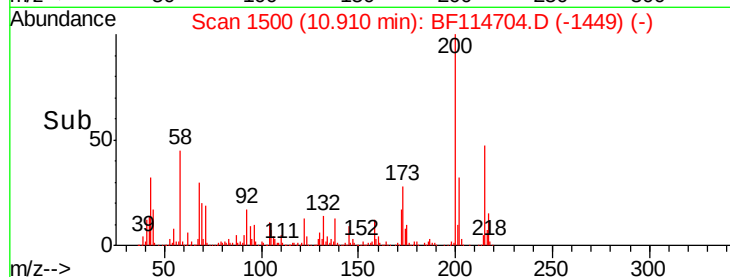
215 47.4 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 67.949 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

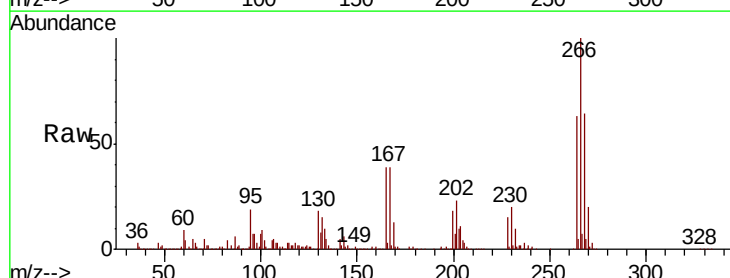
Tgt Ion:266 Resp: 536709

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

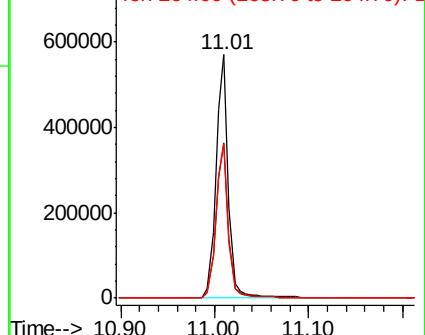
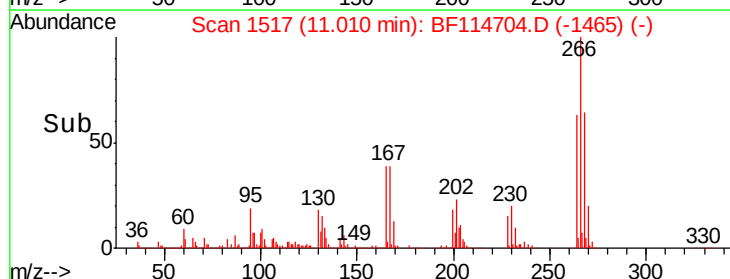
264 63.0 49.9 74.9

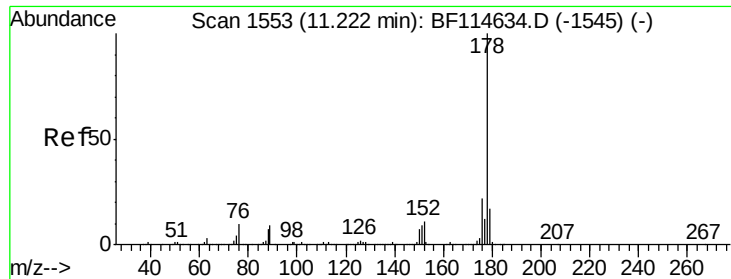


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

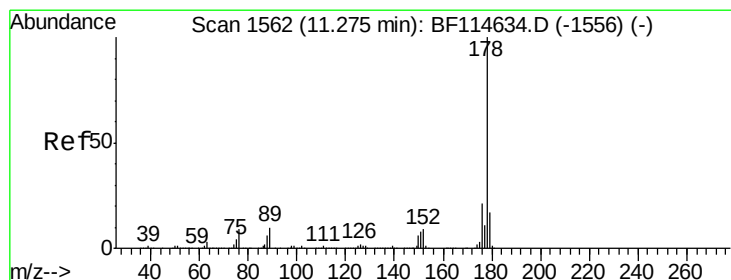
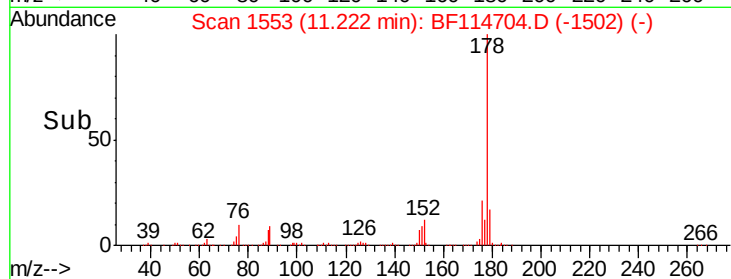
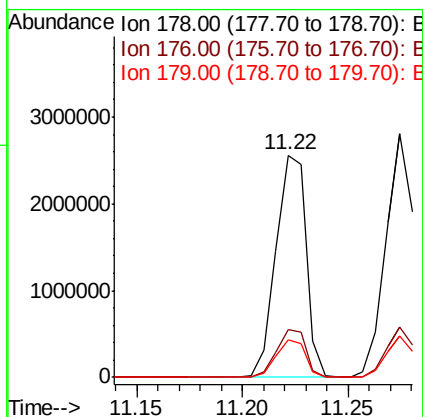
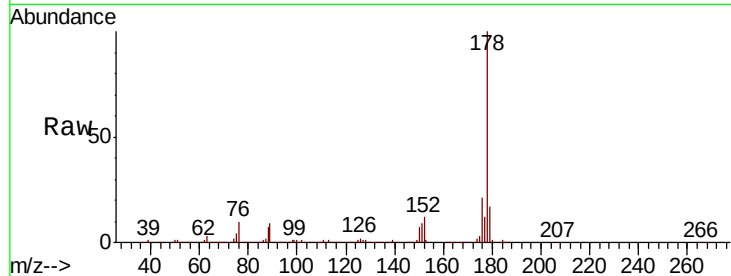




#71
Phenanthrene
Concen: 42.488 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

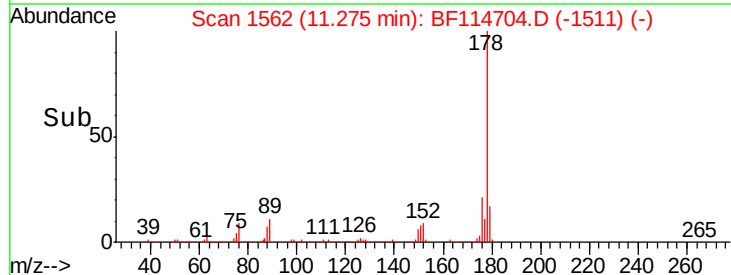
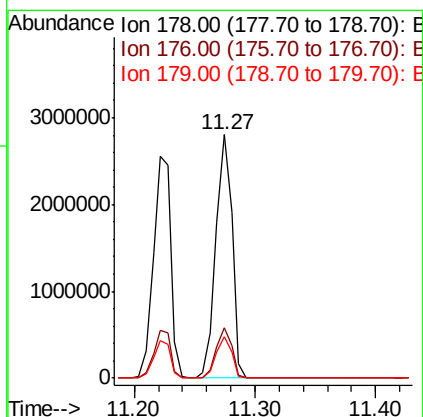
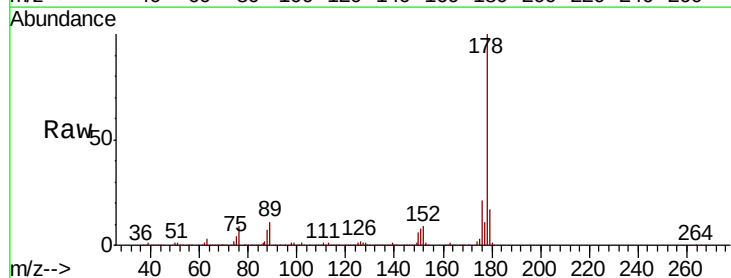
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

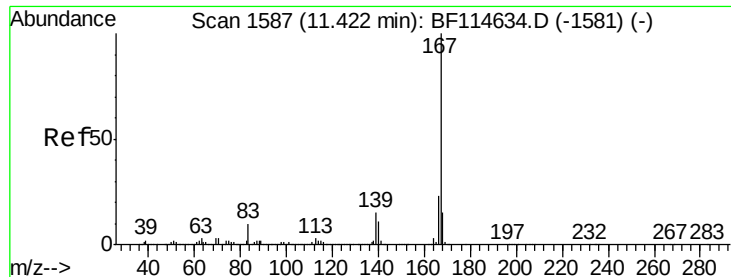
Tgt Ion:178 Resp: 2556868
Ion Ratio Lower Upper
178 100
176 21.3 17.2 25.8
179 16.9 13.9 20.9



#72
Anthracene
Concen: 42.157 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:178 Resp: 2567623
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 17.0 13.4 20.0





#73

Carbazole

Concen: 43.837 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

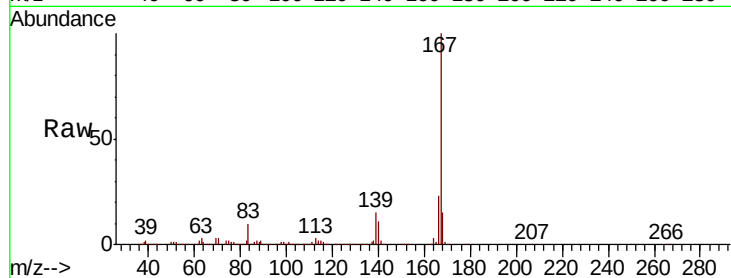
Tgt Ion:167 Resp: 2346525

Ion Ratio Lower Upper

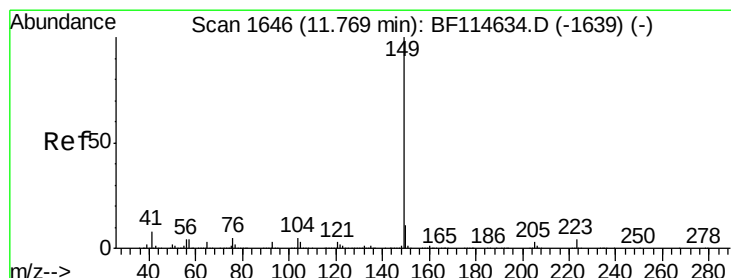
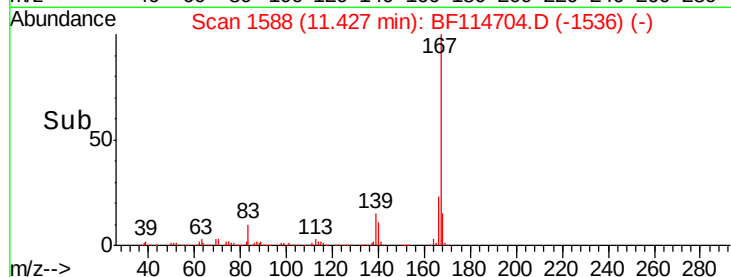
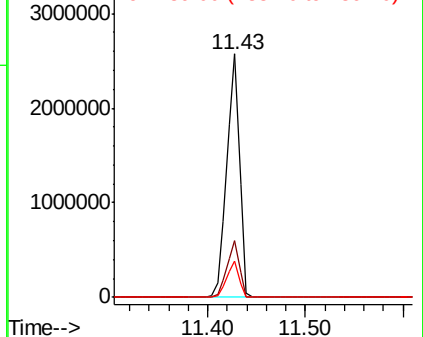
167 100

166 23.3 18.7 28.1

139 14.7 11.8 17.8



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



#74

Di-n-butylphthalate

Concen: 42.071 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

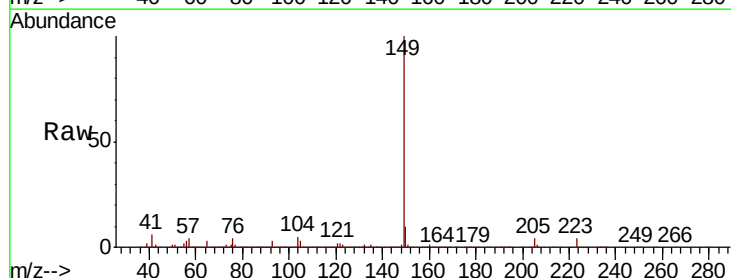
Tgt Ion:149 Resp: 2763378

Ion Ratio Lower Upper

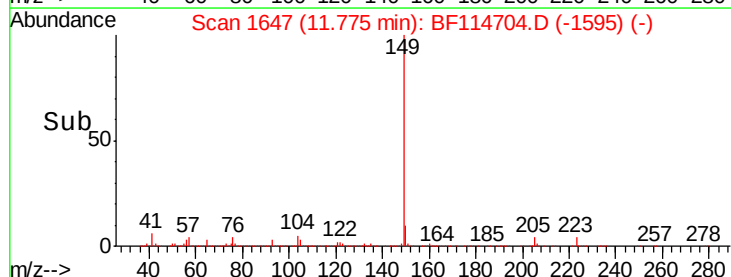
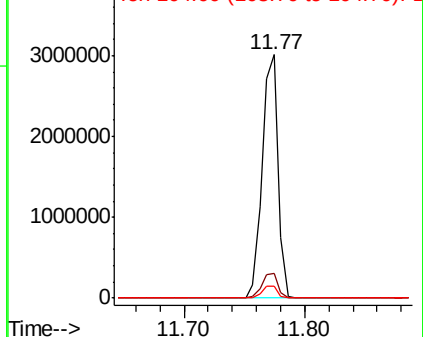
149 100

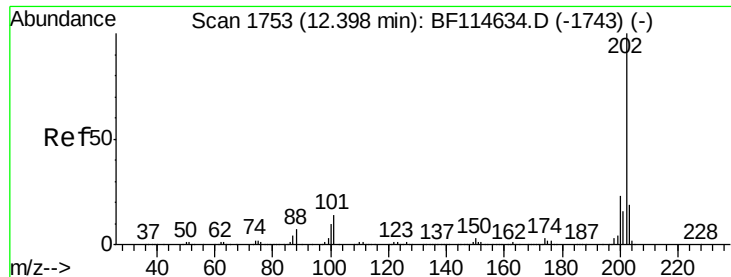
150 10.1 8.6 12.8

104 4.9 4.3 6.5



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





#75

Fluoranthene

Concen: 43.437 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

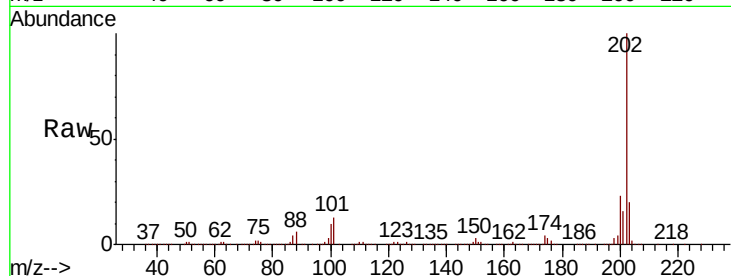
Tgt Ion:202 Resp: 2706719

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.9

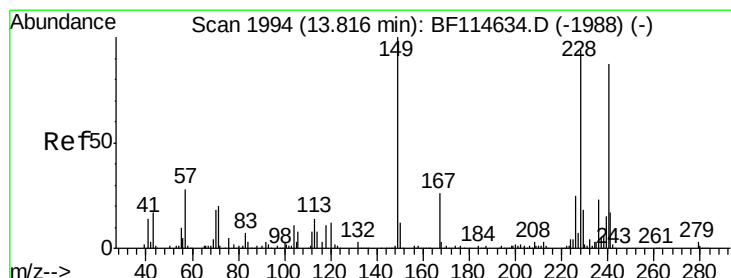
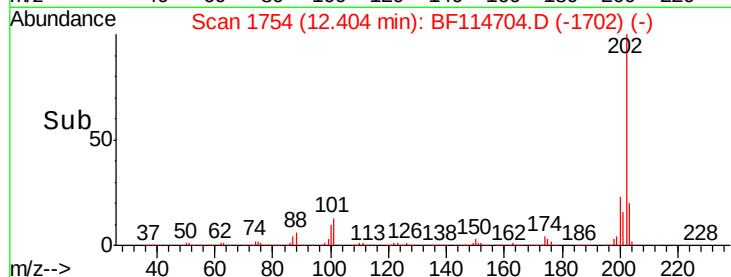
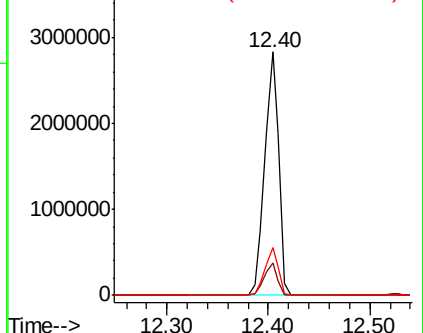
203 19.5 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

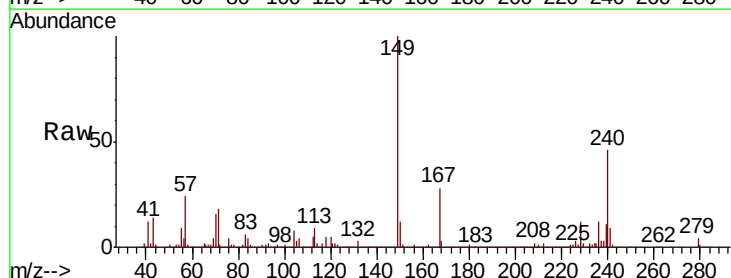
Tgt Ion:240 Resp: 757781

Ion Ratio Lower Upper

240 100

120 11.0 11.2 16.8#

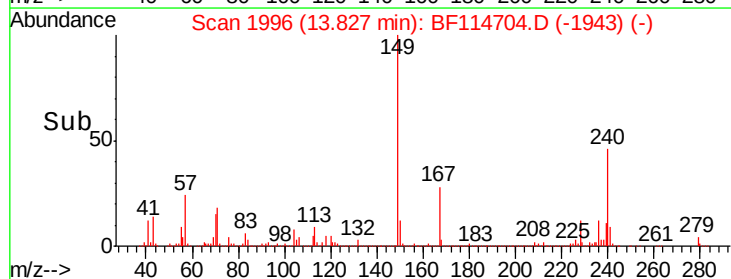
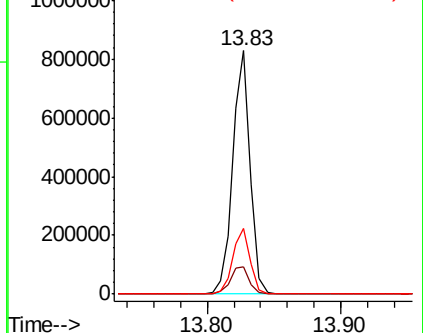
236 26.9 21.2 31.8

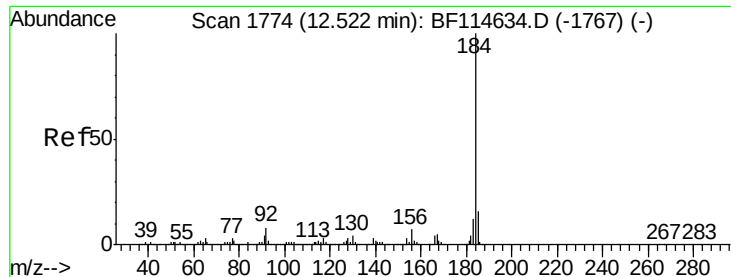


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.485 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

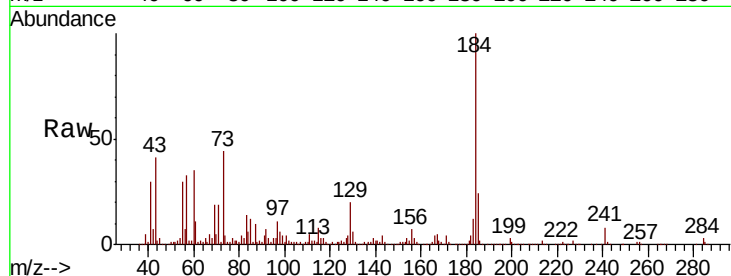
Tgt Ion:184 Resp: 420775

Ion Ratio Lower Upper

184 100

185 23.6 12.6 18.8#

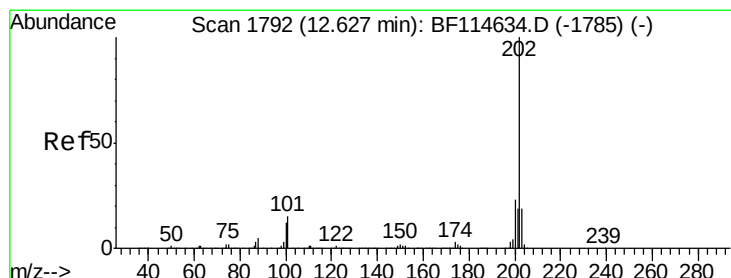
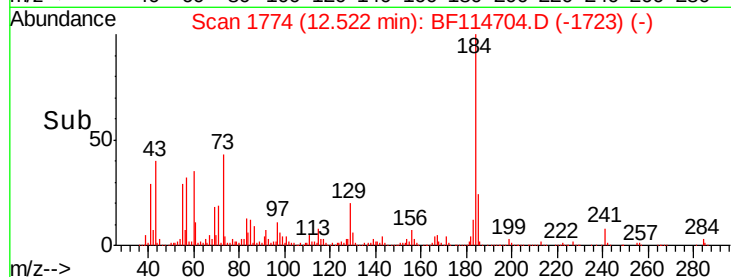
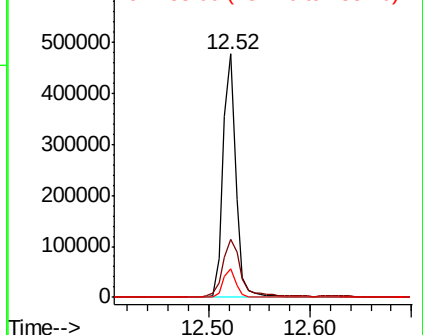
183 11.6 9.4 14.2



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: 42.391 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

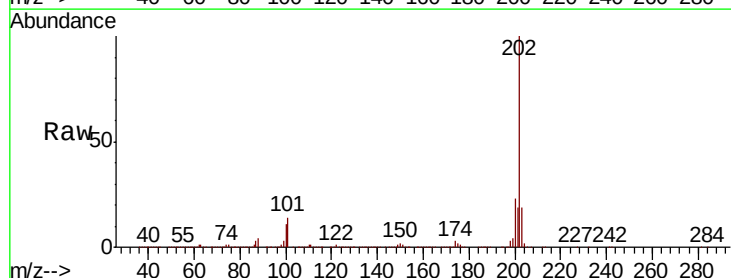
Tgt Ion:202 Resp: 2717395

Ion Ratio Lower Upper

202 100

200 23.2 18.6 28.0

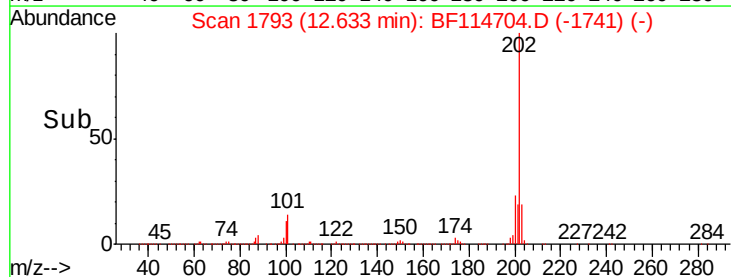
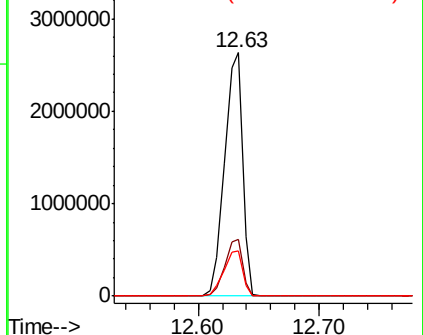
203 18.8 15.4 23.2

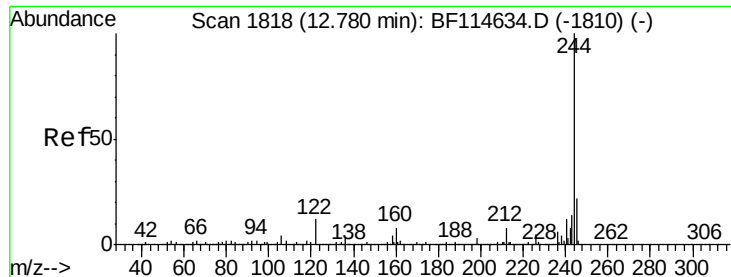


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.625 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

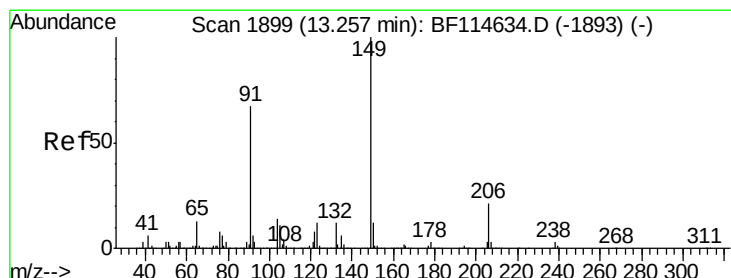
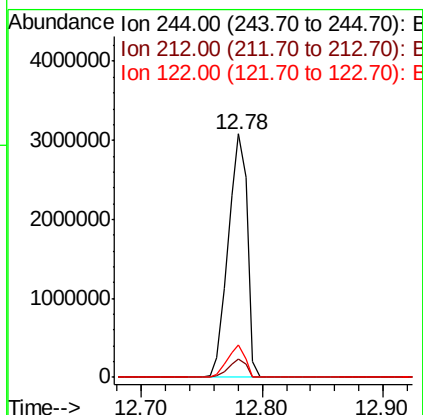
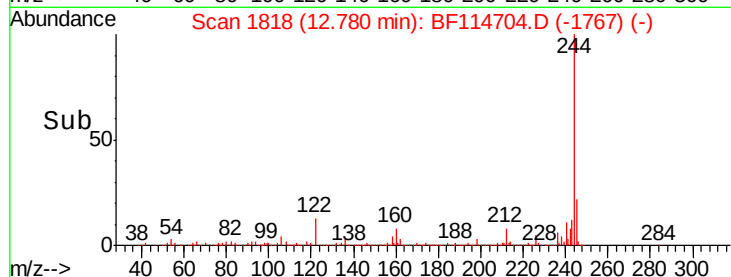
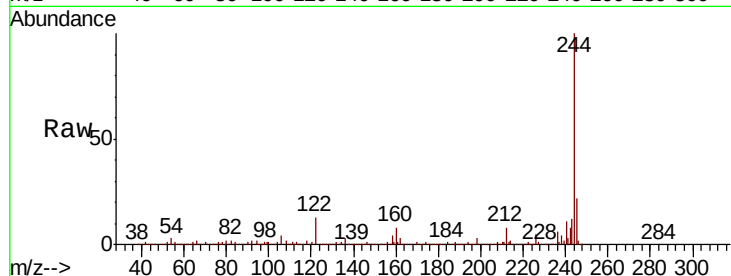
Tgt Ion:244 Resp: 3370451

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 13.1 9.8 14.8



#80

Butylbenzylphthalate

Concen: 41.304 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

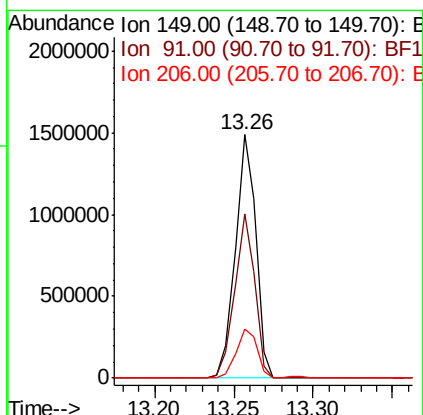
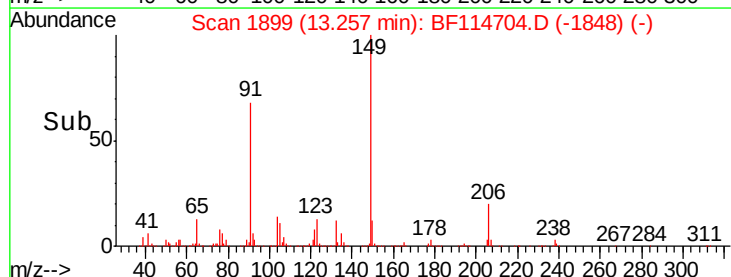
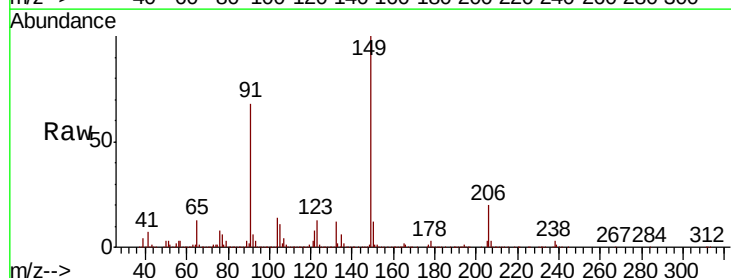
Tgt Ion:149 Resp: 1330645

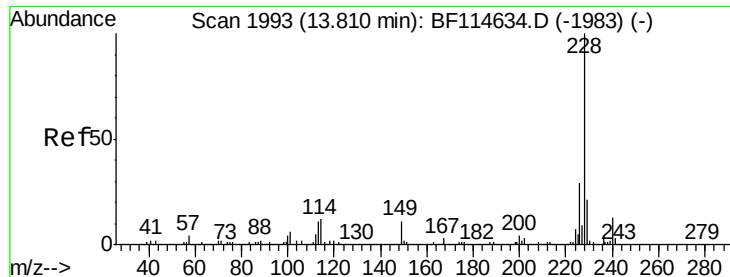
Ion Ratio Lower Upper

149 100

91 67.7 53.8 80.8

206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.158 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

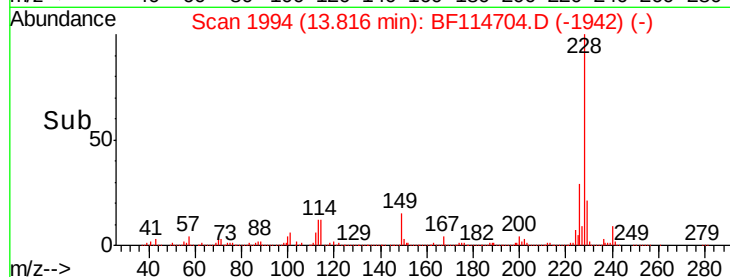
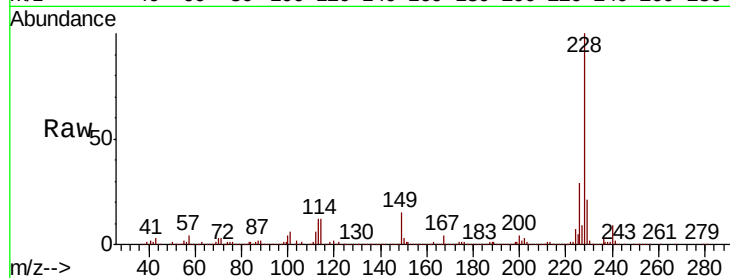
BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

Tgt Ion:228 Resp: 2338526

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.8	17.0	25.4

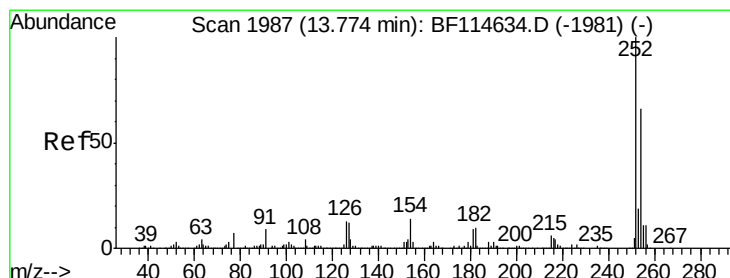
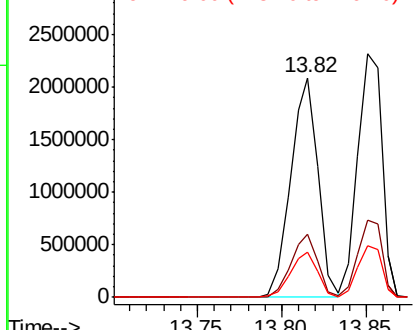


Abundance

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: 14.077 ng

RT: 13.78 min Scan# 1988

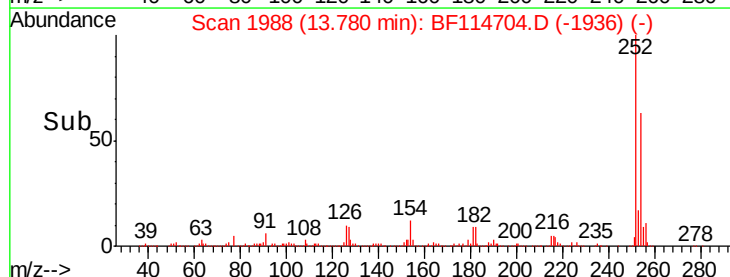
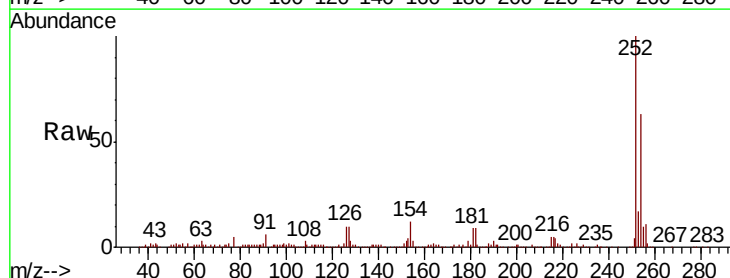
Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Tgt Ion:252 Resp: 316578

Ion	Ratio	Lower	Upper
252	100		
254	63.2	53.1	79.7
126	10.1	10.2	15.2#

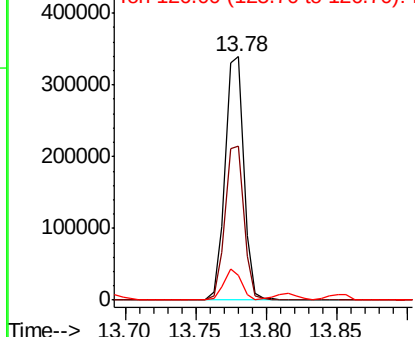


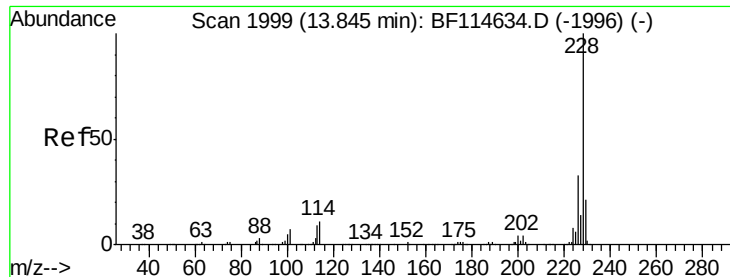
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.794 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

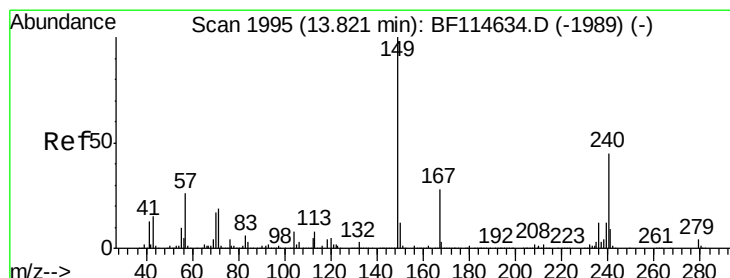
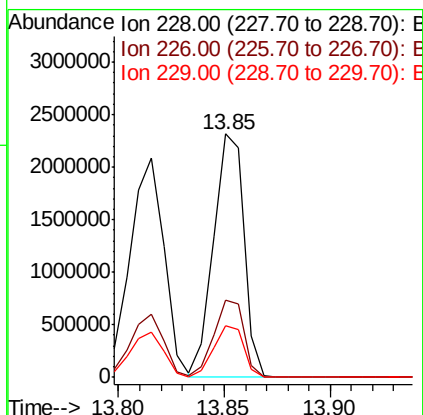
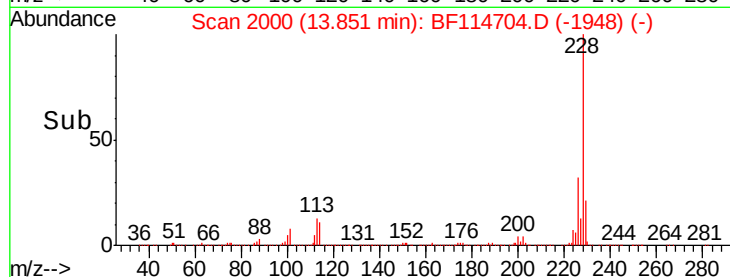
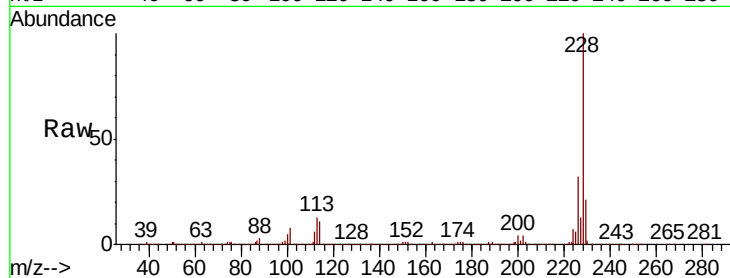
Tgt Ion:228 Resp: 2325255

Ion Ratio Lower Upper

228 100

226 31.8 26.4 39.6

229 21.1 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.112 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

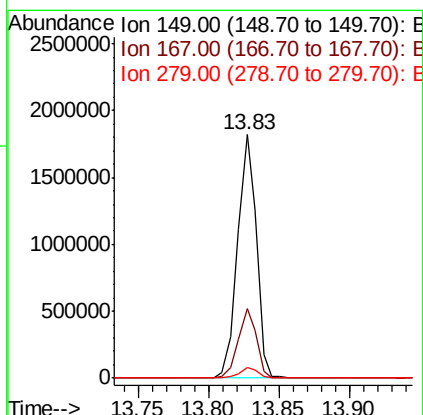
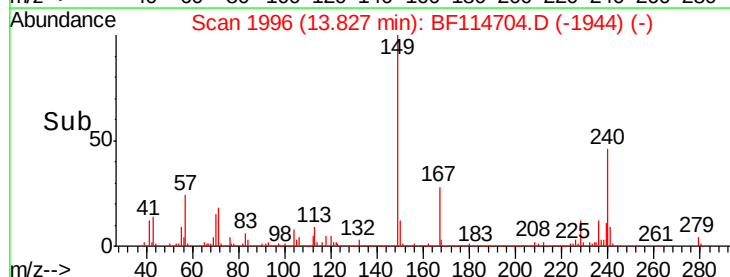
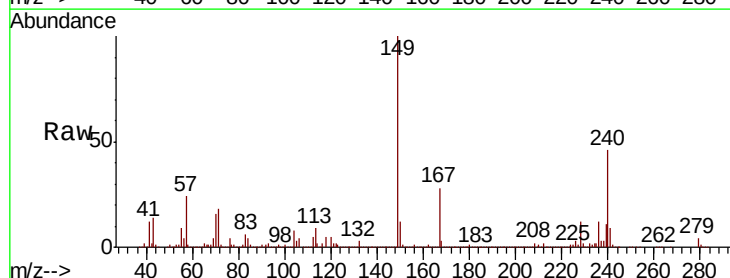
Tgt Ion:149 Resp: 1677223

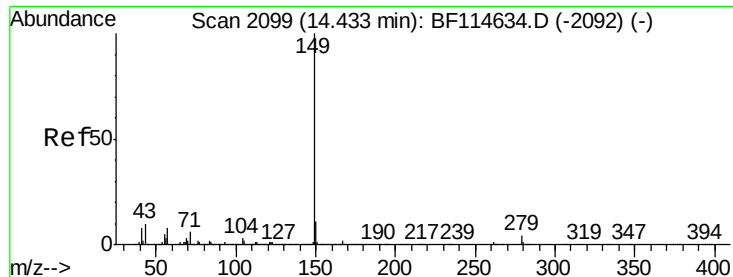
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.079 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.02 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

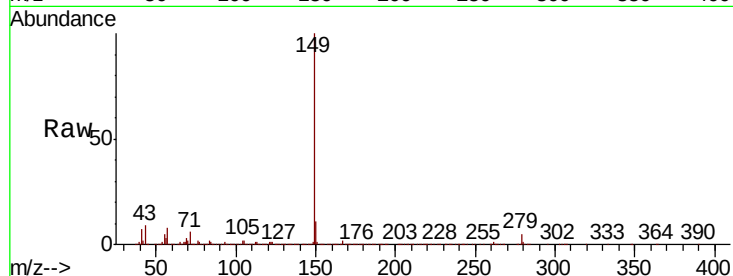
Tgt Ion:149 Resp: 2911801

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

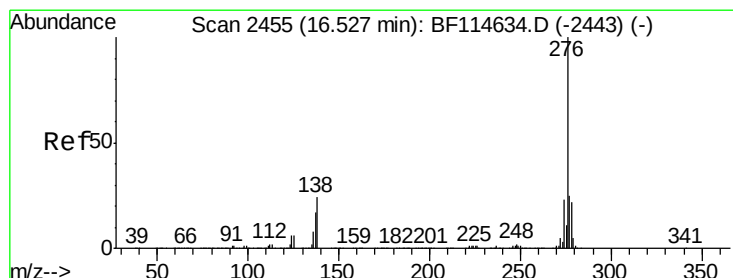
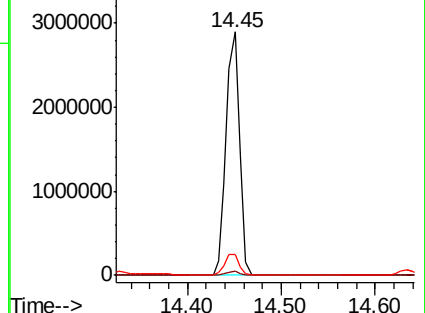
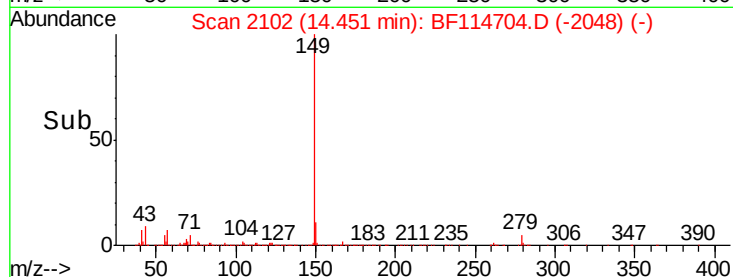
43 8.7 8.0 12.0



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: 42.031 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.04 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

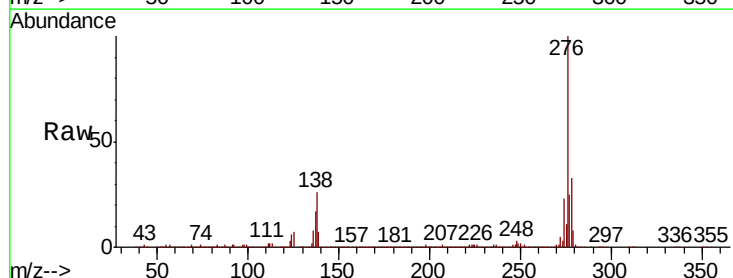
Tgt Ion:276 Resp: 2342092

Ion Ratio Lower Upper

276 100

138 27.8 23.0 34.6

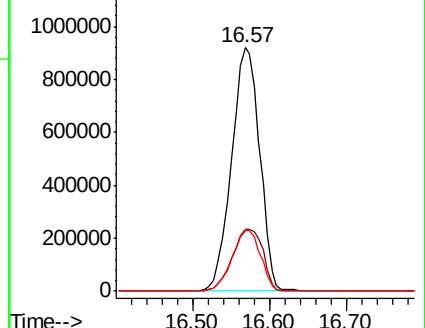
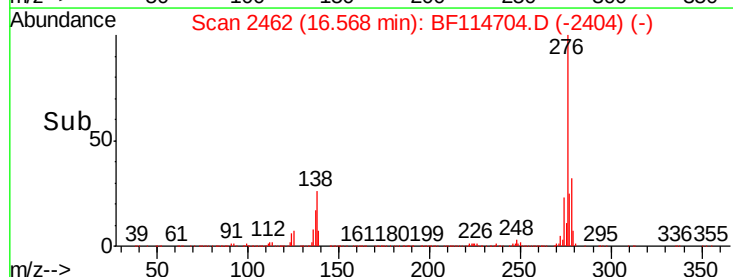
277 25.4 20.5 30.7

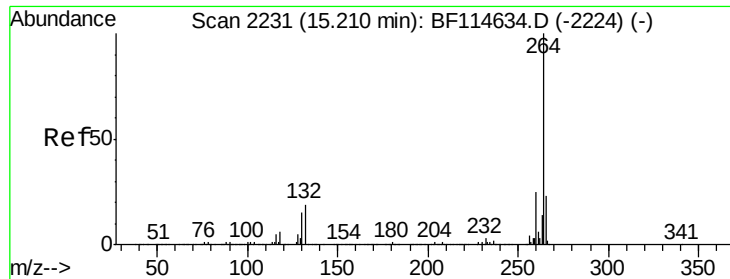


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.02 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

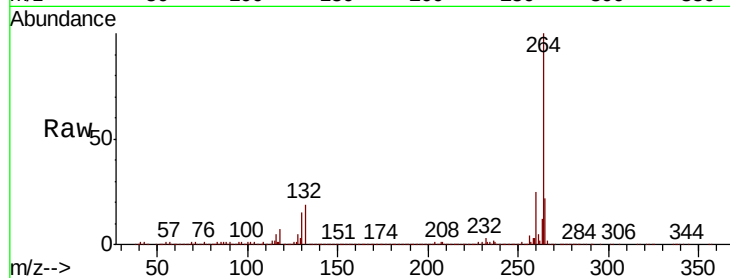
Tgt Ion:264 Resp: 836575

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.7 18.1 27.1

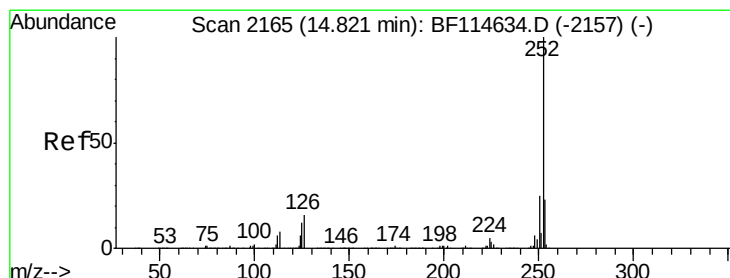
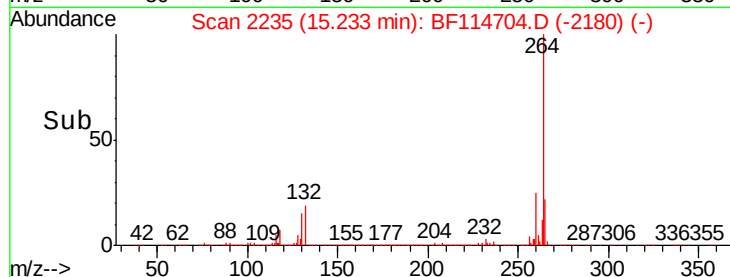
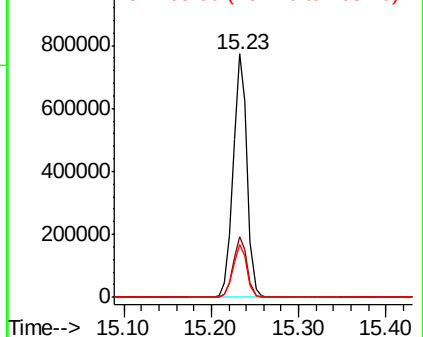


Abundance

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: 41.250 ng

RT: 14.84 min Scan# 2169

Delta R.T. 0.02 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

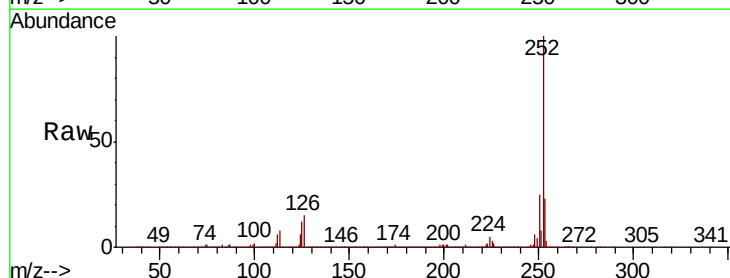
Tgt Ion:252 Resp: 2173474

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

125 11.7 9.4 14.2

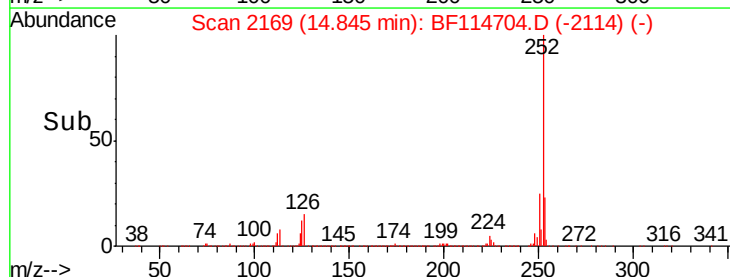
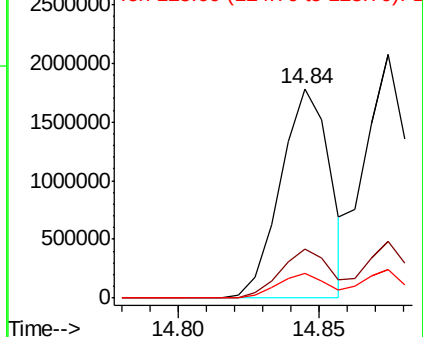


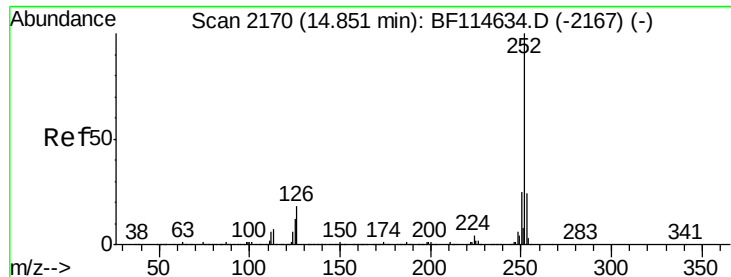
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

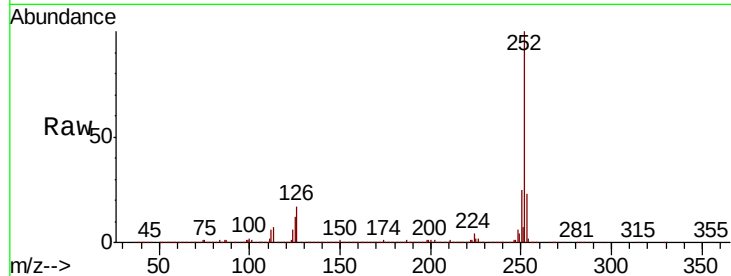




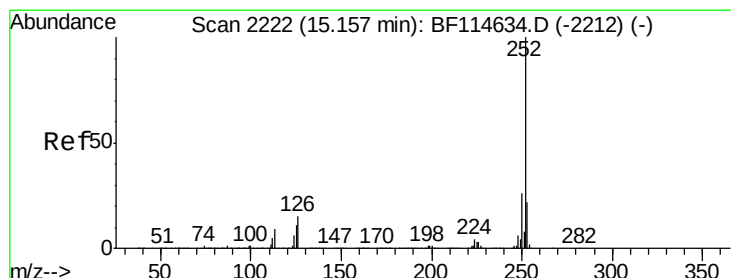
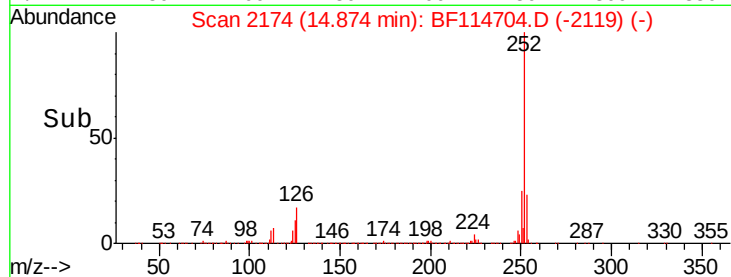
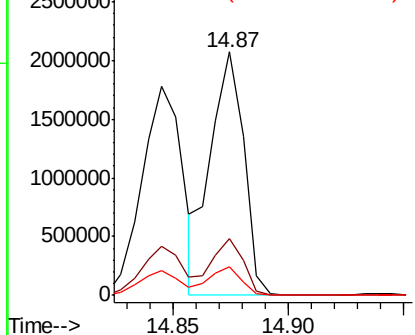
#89
Benzo(k)fluoranthene
Concen: 45.198 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

Tgt Ion:252 Resp: 2069945
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 11.6 9.5 14.3

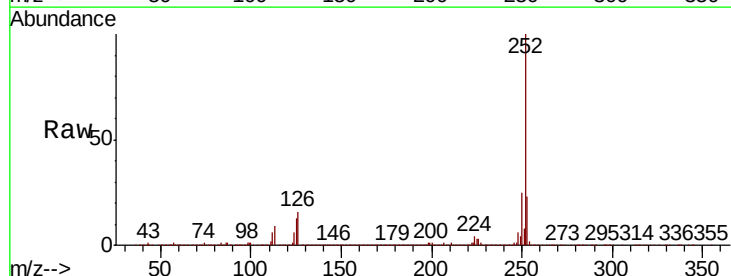


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

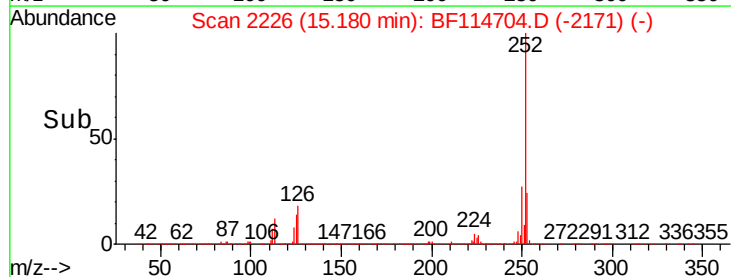
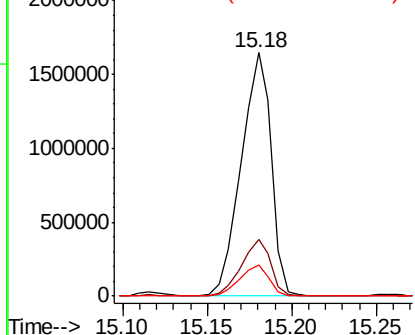


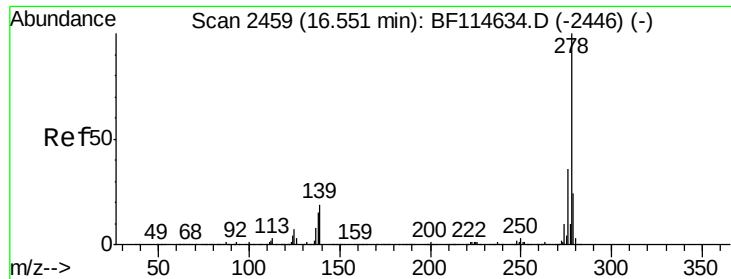
#90
Benzo(a)pyrene
Concen: 44.105 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.02 min
Lab File: BF114704.D
Acq: 31 May 2019 13:25

Tgt Ion:252 Resp: 2041525
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.5 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 46.747 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.04 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MSD

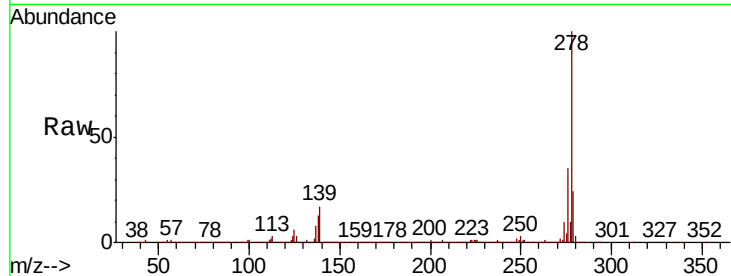
Tgt Ion:278 Resp: 1912102

Ion Ratio Lower Upper

278 100

139 16.7 14.9 22.3

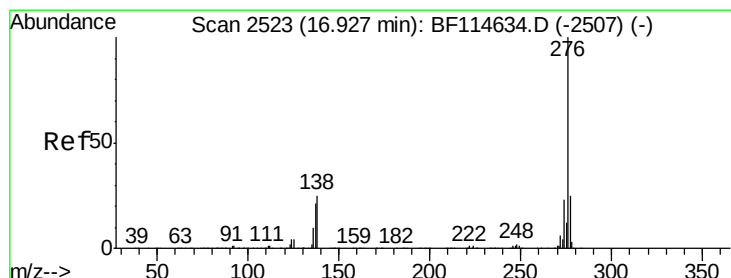
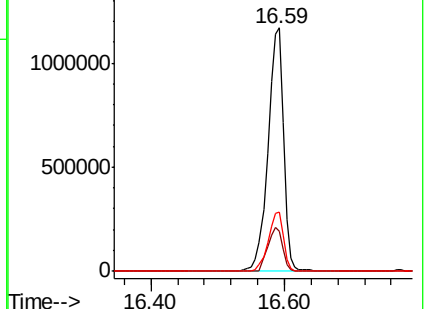
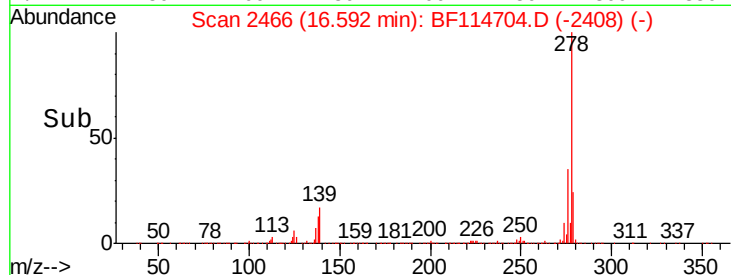
279 24.4 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.658 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.05 min

Lab File: BF114704.D

Acq: 31 May 2019 13:25

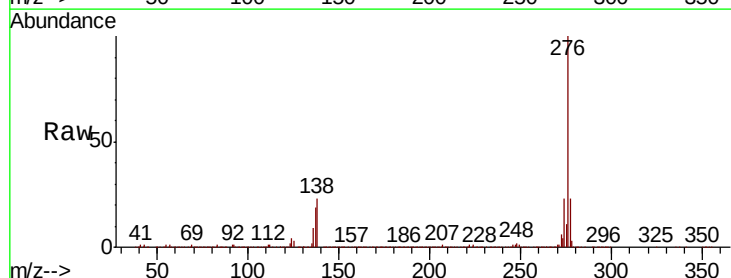
Tgt Ion:276 Resp: 2011067

Ion Ratio Lower Upper

276 100

277 23.5 19.7 29.5

138 23.1 19.8 29.8



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

