

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116604.D
 Acq On : 28 Aug 2019 8:57
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 28 11:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123939	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	275961	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	147400	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	259724	20.00	ng	0.00
76) Chrysene-d12	14.02	240	186214	20.00	ng	0.00
87) Perylene-d12	15.47	264	158690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	626713	73.88	ng	0.00
7) Phenol-d6	6.49	99	795619	76.50	ng	0.00
23) Nitrobenzene-d5	7.43	82	530142	105.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	119790	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	791849	86.51	ng	0.00
79) Terphenyl-d14	12.96	244	1207330	121.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	138104	37.604	ng	98
3) Pyridine	3.38	79	400467	35.807	ng	99
4) n-Nitrosodimethylamine	3.33	42	153750	37.658	ng	96
6) Aniline	6.53	93	542417	38.522	ng	99
8) 2-Chlorophenol	6.65	128	335905	37.737	ng	98
9) Benzaldehyde	6.41	77	245999	35.400	ng	95
10) Phenol	6.50	94	453855	40.185	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	324851	37.776	ng	99
12) 1,3-Dichlorobenzene	6.81	146	382236	39.674	ng	100
13) 1,4-Dichlorobenzene	6.89	146	383003	41.304	ng	99
14) 1,2-Dichlorobenzene	7.04	146	359733	41.124	ng	99
15) Benzyl Alcohol	7.00	79	308085	36.603	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	427796	35.979	ng	99
17) 2-Methylphenol	7.12	107	287659	39.004	ng	97
18) Hexachloroethane	7.38	117	118144	32.669	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	207842	29.286	ng	99
20) 3+4-Methylphenols	7.26	107	307598	34.047	ng	# 87
22) Acetophenone	7.27	105	419562	60.801	ng	98
24) Nitrobenzene	7.45	77	230871	44.197	ng	97
25) Isophorone	7.69	82	375887	37.815	ng	99
26) 2-Nitrophenol	7.76	139	92647	48.556	ng	94
27) 2,4-Dimethylphenol	7.80	122	147147	36.960	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	230066	37.478	ng	98
29) 2,4-Dichlorophenol	8.00	162	157694	41.650	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	181009	42.467	ng	100
31) Naphthalene	8.17	128	562926	42.167	ng	99
32) Benzoic acid	7.91	122	101715	39.964	ng	93
33) 4-Chloroaniline	8.21	127	239379	40.846	ng	# 95
34) Hexachlorobutadiene	8.29	225	105422	45.351	ng	99
35) Caprolactam	8.58	113	49173	37.286	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	175882	41.171	ng	98
37) 2-Methylnaphthalene	8.86	142	367554	40.099	ng	94
38) 1-Methylnaphthalene	8.96	142	349927	40.868	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	170351	42.956	ng	99

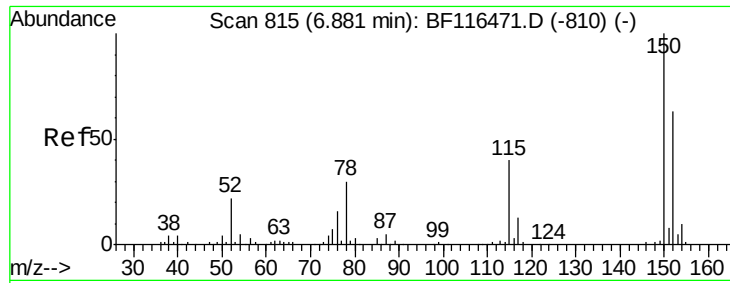
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	96898	45.414	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	115368	41.567	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	115754	40.988	nq	# 90
46) 1,1'-Biphenyl	9.32	154	482048	40.904	nq	99
47) 2-Chloronaphthalene	9.35	162	371633	40.677	nq	96
48) 2-Nitroaniline	9.43	65	120297	43.003	nq	86
49) Acenaphthylene	9.76	152	556699	41.648	nq	99
50) Dimethylphthalate	9.62	163	425400	41.365	nq	100
51) 2,6-Dinitrotoluene	9.67	165	90251	42.874	nq	# 75
52) Acenaphthene	9.93	154	359391	41.901	nq	97
53) 3-Nitroaniline	9.85	138	104296	41.566	nq	96
54) 2,4-Dinitrophenol	9.95	184	40848	61.718	nq	# 70
55) Dibenzofuran	10.10	168	502916	42.063	nq	97
56) 4-Nitrophenol	10.00	139	78860	40.435	nq	88
57) 2,4-Dinitrotoluene	10.08	165	118927	44.400	nq	99
58) Fluorene	10.45	166	390703	42.060	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	98552	42.500	nq	94
60) Diethylphthalate	10.32	149	424559	42.002	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	191980	42.363	nq	96
62) 4-Nitroaniline	10.46	138	108965	44.402	nq	89
63) Azobenzene	10.60	77	428561	41.236	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	53426	56.305	nq	98
66) n-Nitrosodiphenylamine	10.56	169	338655	40.269	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	111510	40.952	nq	93
68) Hexachlorobenzene	11.00	284	125146	41.554	nq	98
69) Atrazine	11.08	200	104562	41.497	nq	97
70) Pentachlorophenol	11.19	266	75888	43.189	nq	99
71) Phenanthrene	11.40	178	588933	41.625	nq	100
72) Anthracene	11.46	178	586441	41.248	nq	100
73) Carbazole	11.60	167	527001	41.295	nq	98
74) Di-n-butylphthalate	11.94	149	664666	42.030	nq	99
75) Fluoranthene	12.59	202	930812	63.633	nq	99
77) Benzidine	12.70	184	454177	60.621	nq	99
78) Pyrene	12.82	202	888701	59.677	nq	99
80) Butylbenzylphthalate	13.43	149	380389	59.147	nq	99
81) Benzo(a)anthracene	14.00	228	509534	42.248	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	174645	40.635	nq	98
83) Chrysene	14.04	228	492787	40.313	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	351365	40.972	nq	# 98
85) Di-n-octyl phthalate	14.61	149	536621	36.858	nq	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	356447	34.040	nq	99
88) Benzo(b)fluoranthene	15.04	252	417830	42.622	nq	99
89) Benzo(k)fluoranthene	15.08	252	380249	42.815	nq	99
90) Benzo(a)pyrene	15.41	252	353771	40.832	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	293833	41.272	nq	98
92) Benzo(g,h,i)perylene	17.36	276	279731	41.214	nq	99

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

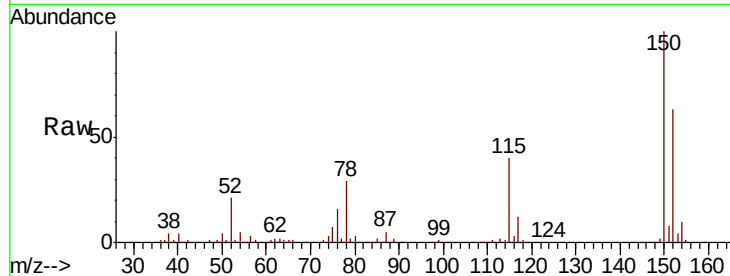


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.4	185.2
115	63.7	48.2	72.2

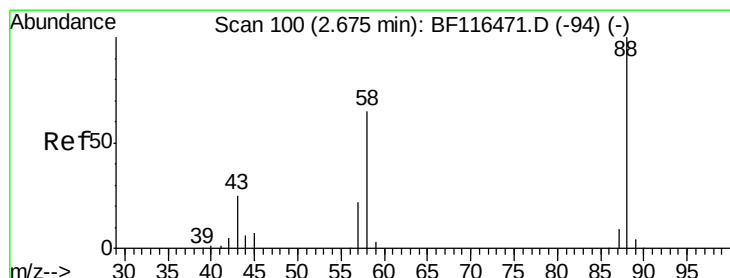
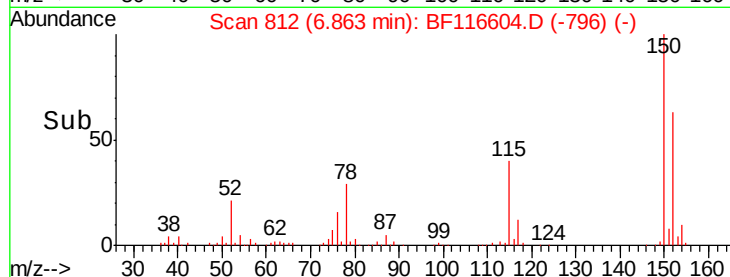
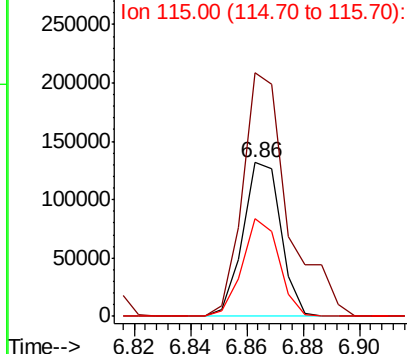


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

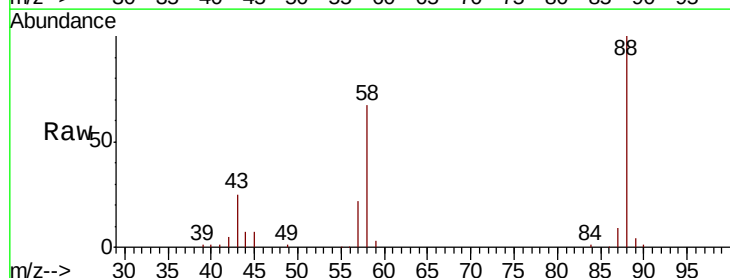
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.604 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	51.8	77.8
43	25.9	20.2	30.2

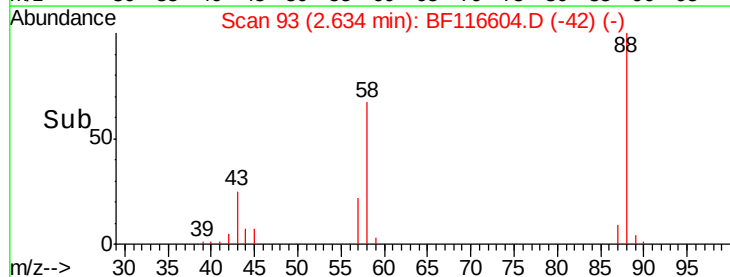
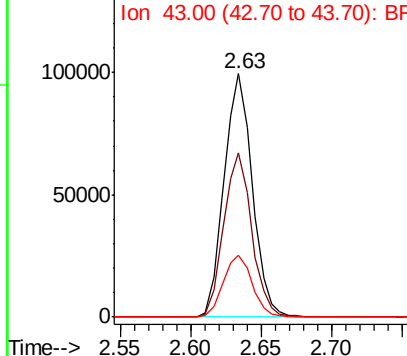


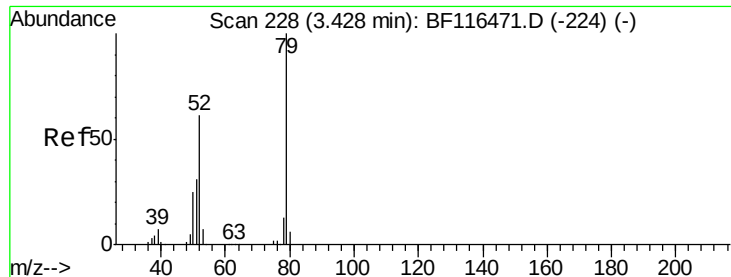
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.807 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

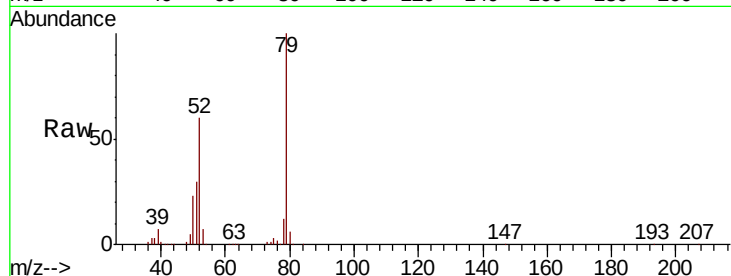
Tot Ion: 79 Resp: 400467

Ion Ratio Lower Upper

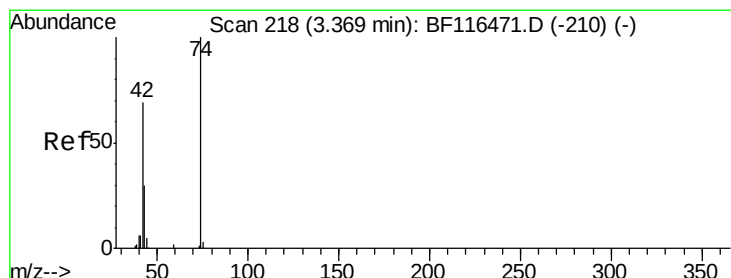
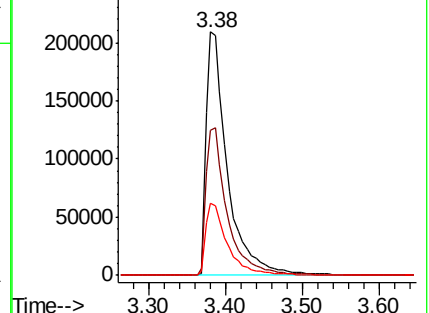
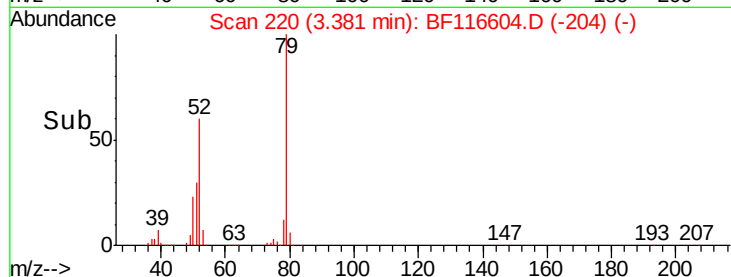
79 100

52 59.7 47.9 71.9

51 29.6 24.4 36.6



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: 37.658 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

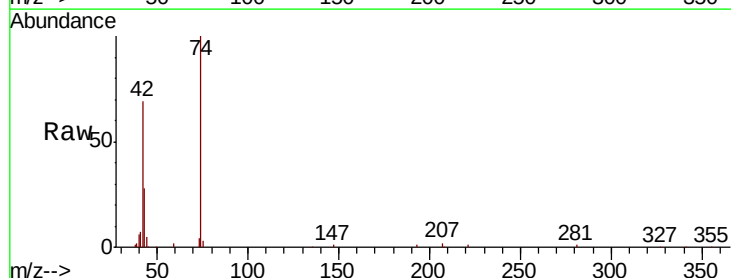
Tgt Ion: 42 Resp: 153750

Ion Ratio Lower Upper

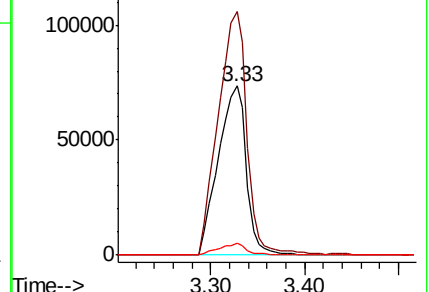
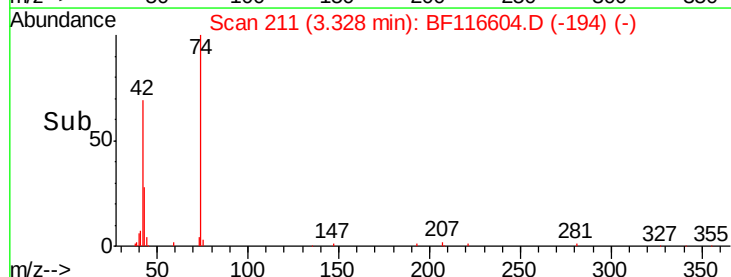
42 100

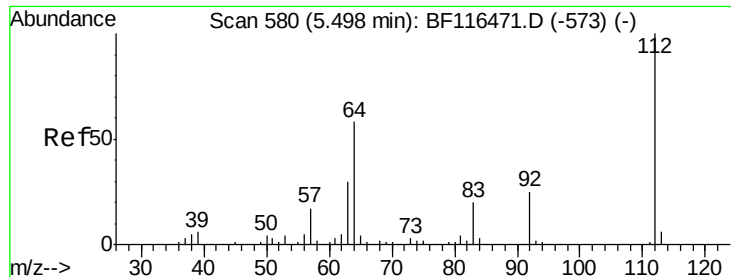
74 144.1 120.0 180.0

44 6.8 5.4 8.2



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: 73.885 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

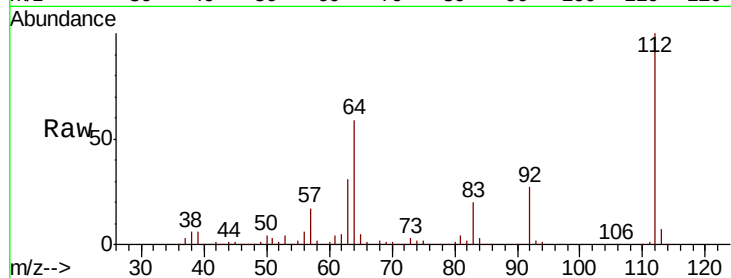
Tot Ion:112 Resp: 626713

Ion Ratio Lower Upper

112 100

64 58.9 48.0 72.0

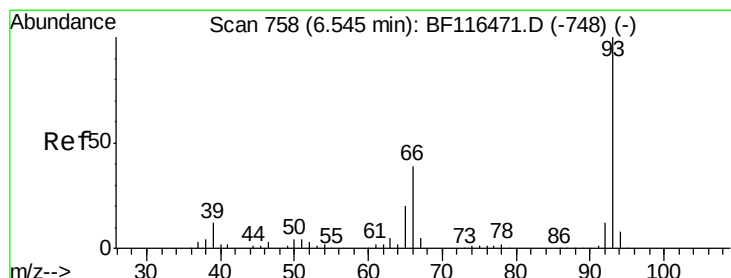
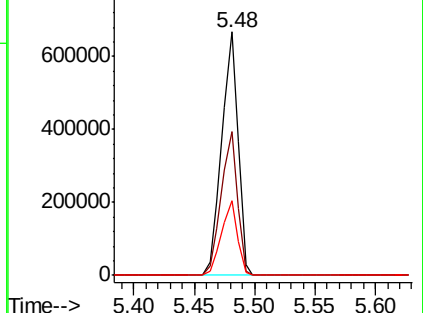
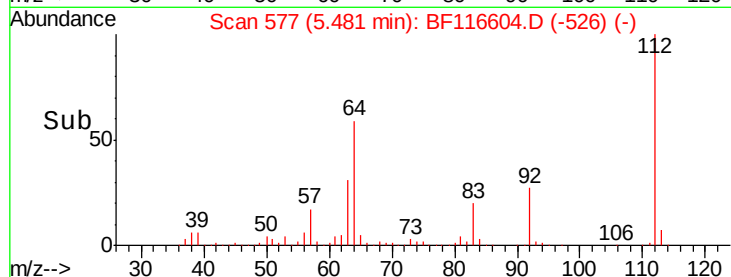
63 30.7 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.522 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

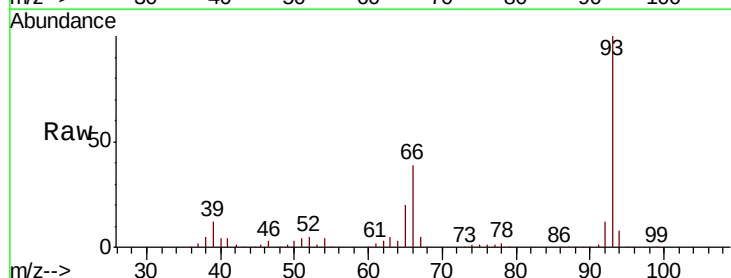
Tgt Ion: 93 Resp: 542417

Ion Ratio Lower Upper

93 100

66 39.1 32.1 48.1

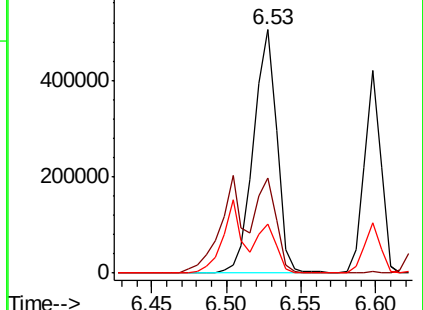
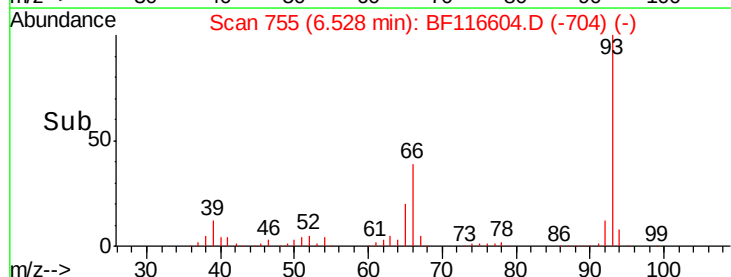
65 20.1 16.2 24.4

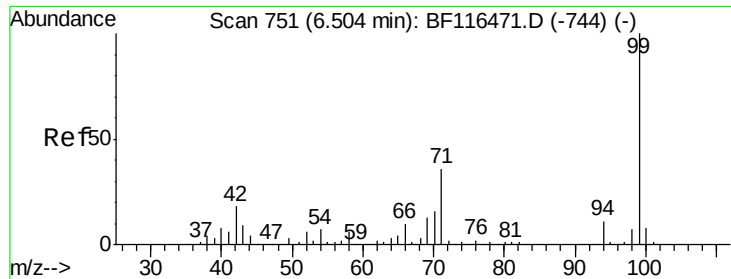


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.498 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

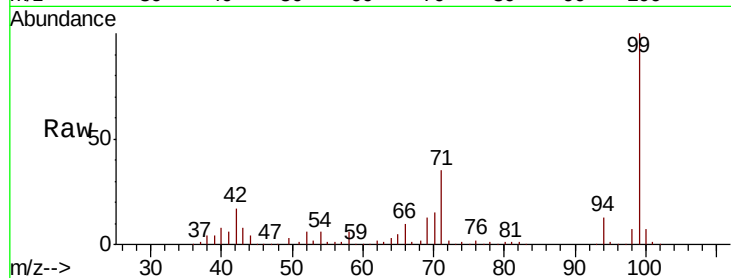
Tot Ion: 99 Resp: 795619

Ion Ratio Lower Upper

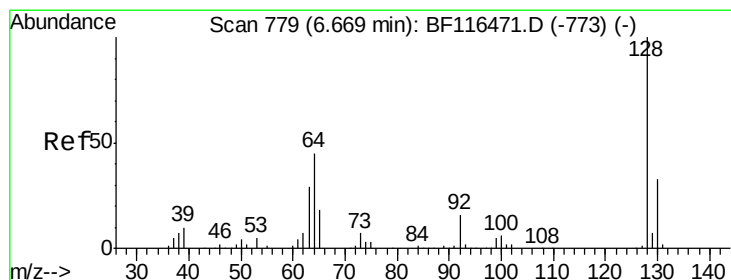
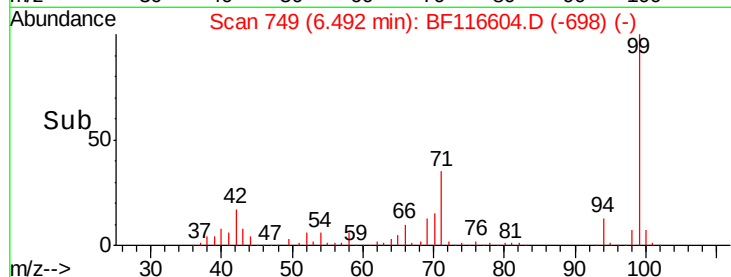
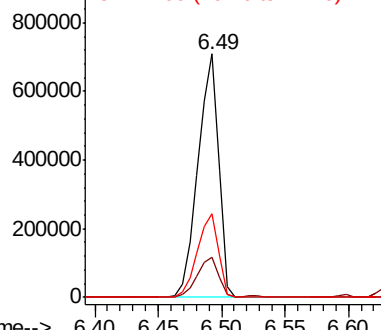
99 100

42 16.7 13.2 19.8

71 34.6 27.4 41.2



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



#8

2-Chlorophenol

Concen: 37.737 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

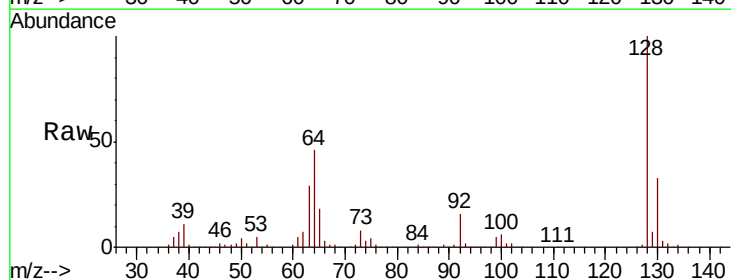
Tgt Ion: 128 Resp: 335905

Ion Ratio Lower Upper

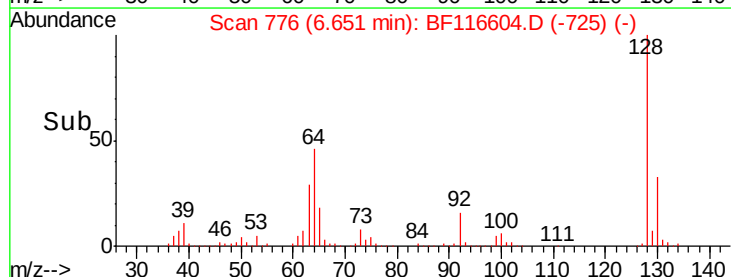
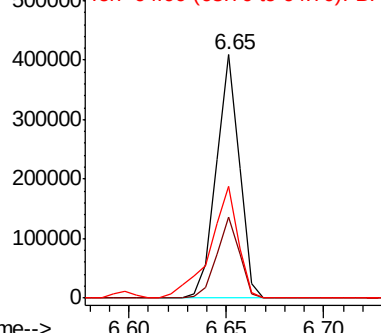
128 100

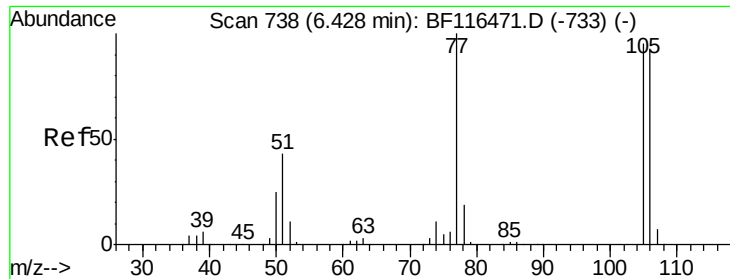
130 33.2 11.8 51.8

64 46.1 26.9 66.9



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





#9

Benzaldehyde

Concen: 35.400 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

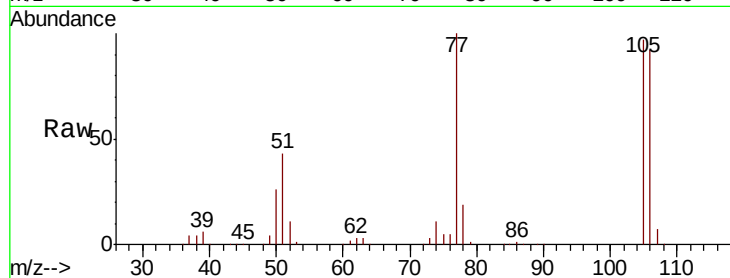
Tot Ion: 77 Resp: 245999

Ion Ratio Lower Upper

77 100

105 96.8 81.6 121.6

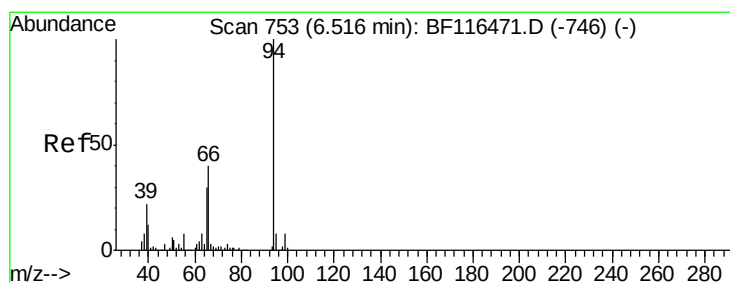
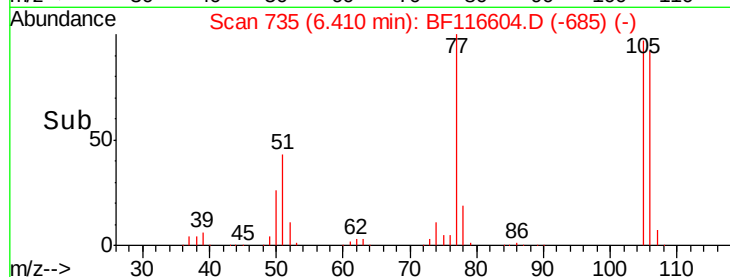
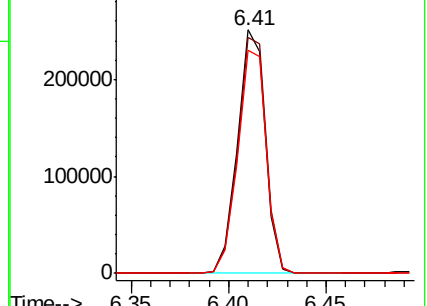
106 91.7 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.185 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

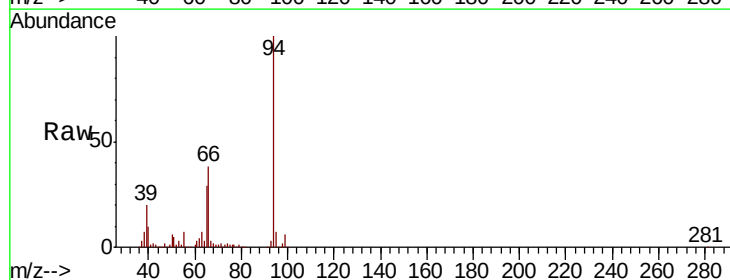
Tgt Ion: 94 Resp: 453855

Ion Ratio Lower Upper

94 100

65 28.7 8.6 48.6

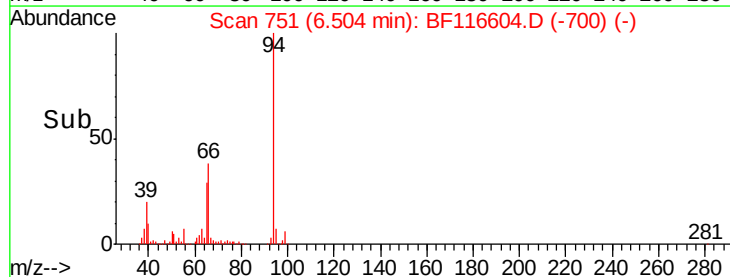
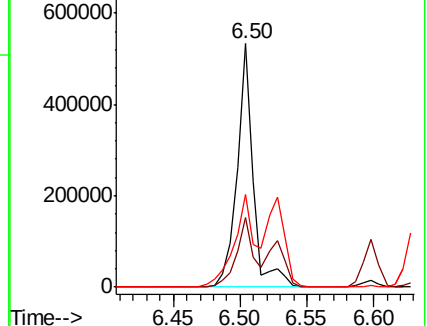
66 38.2 18.0 58.0

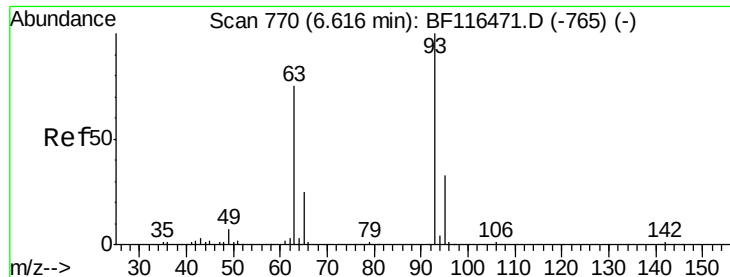


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

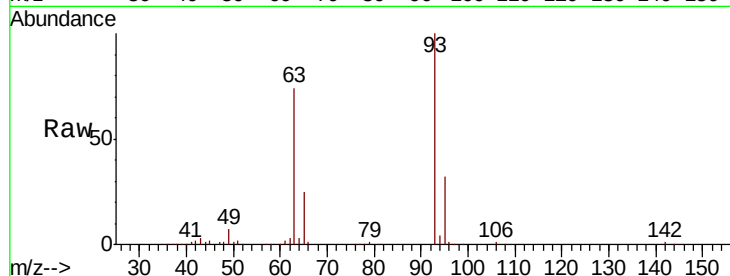




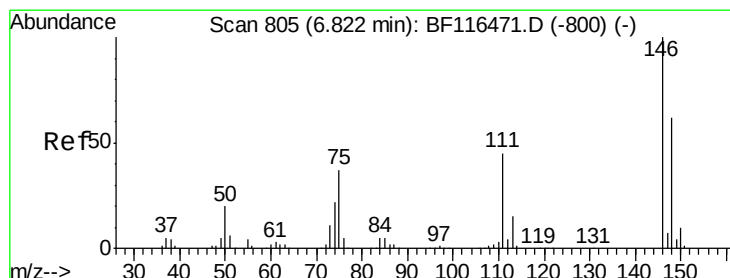
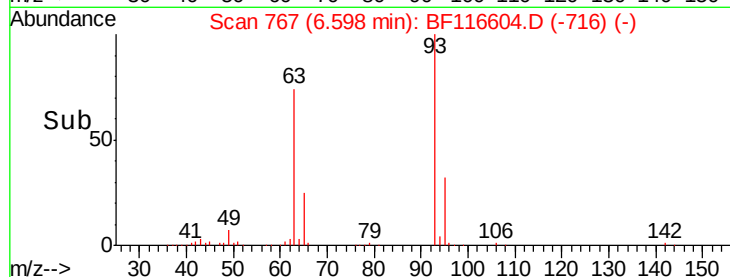
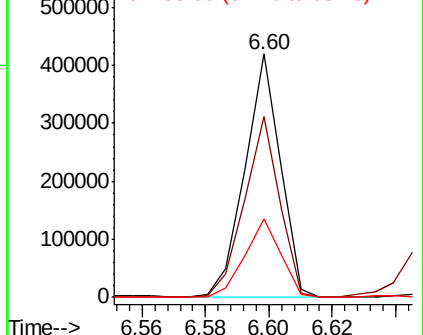
#11
bis(2-Chloroethyl)ether
Concen: 37.776 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	324851
Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.7	94.7
95	32.1	12.7	52.7

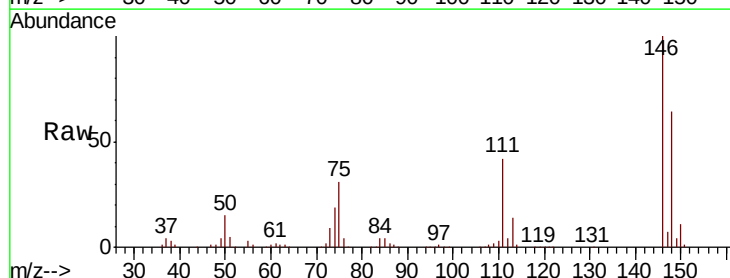


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

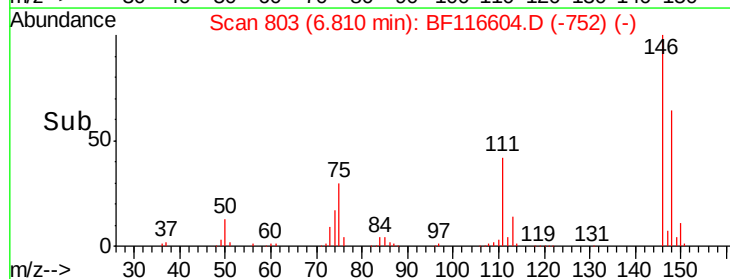
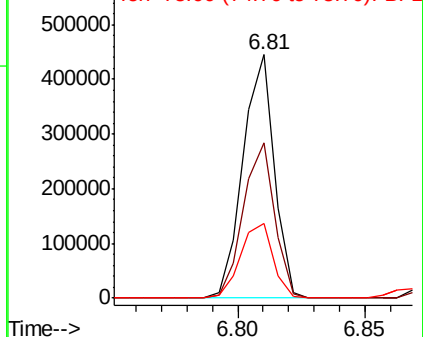


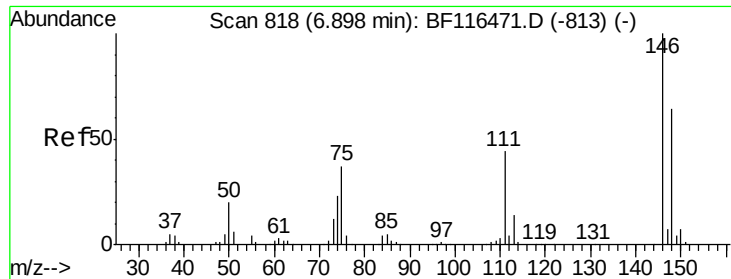
#12
1,3-Dichlorobenzene
Concen: 39.674 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	146	Resp:	382236
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
75	30.8	25.1	37.7



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

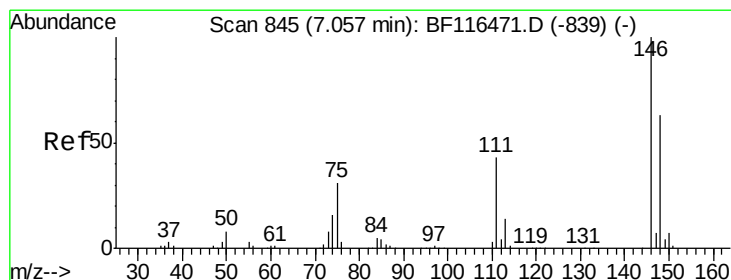
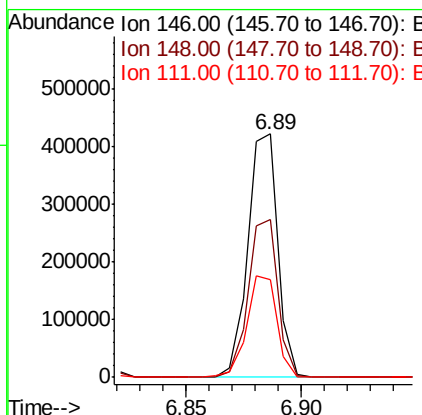
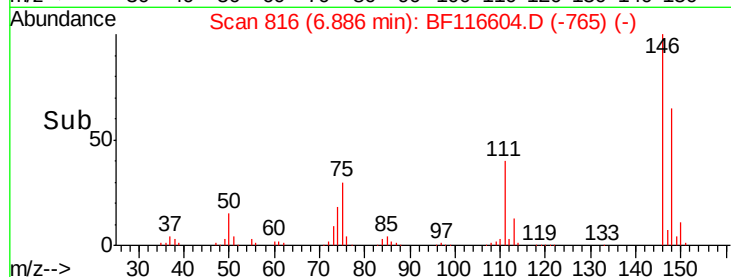
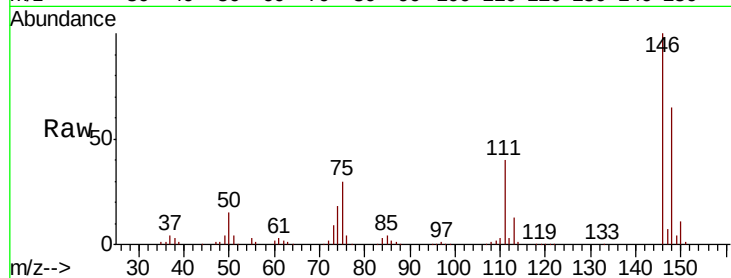




#13
 1,4-Dichlorobenzene
 Concen: 41.304 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

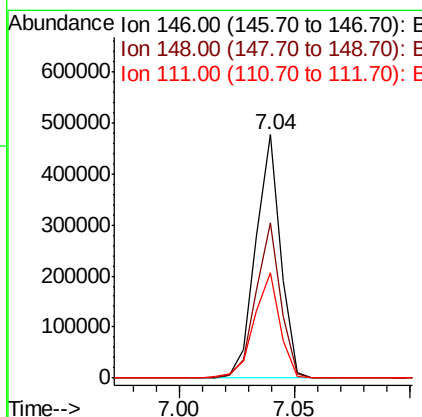
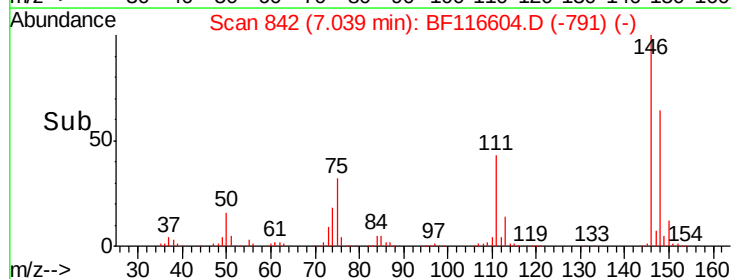
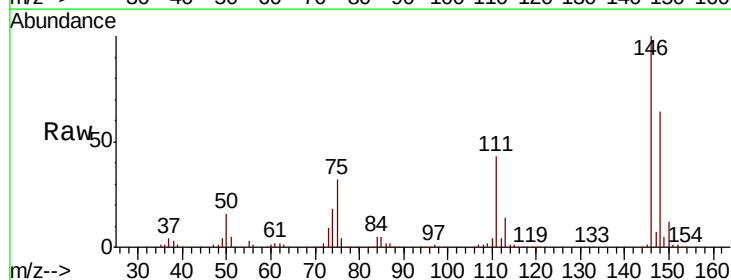
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

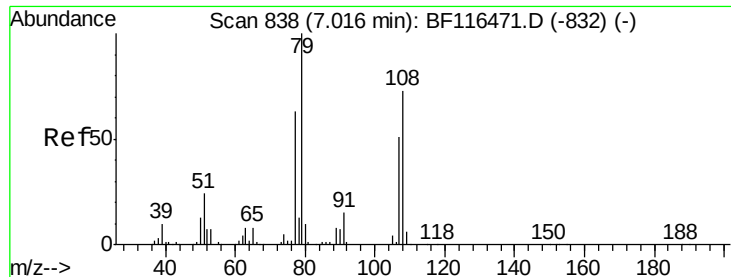
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	40.2	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.124 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	43.4	34.9	52.3





#15

Benzyl Alcohol

Concen: 36.603 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

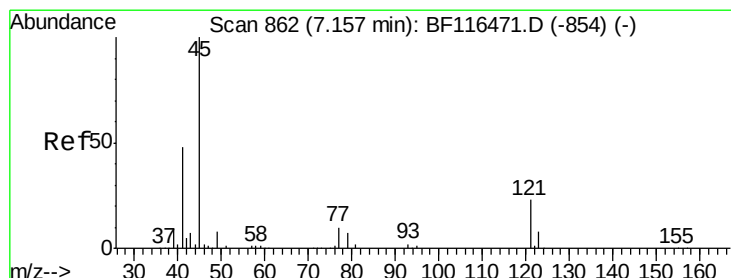
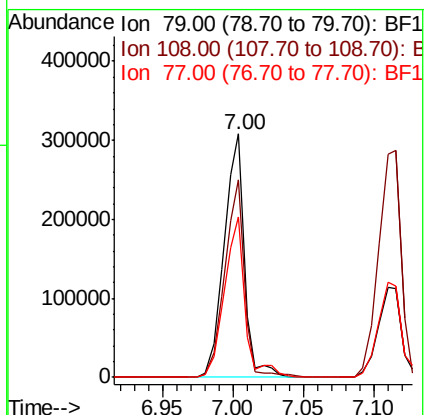
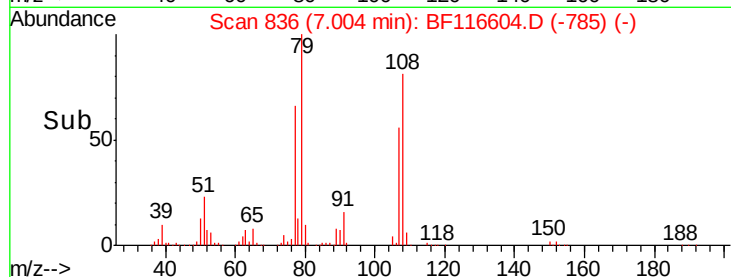
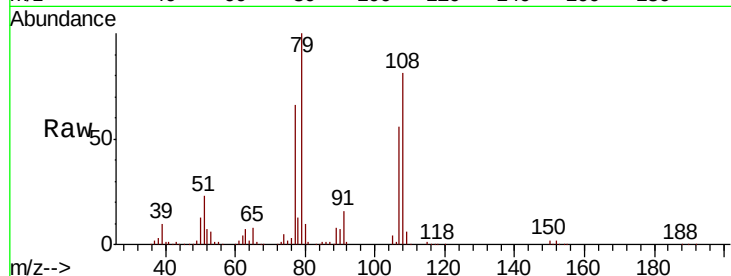
Tot Ion: 79 Resp: 308085

Ion Ratio Lower Upper

79 100

108 81.0 62.2 93.4

77 65.7 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.979 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

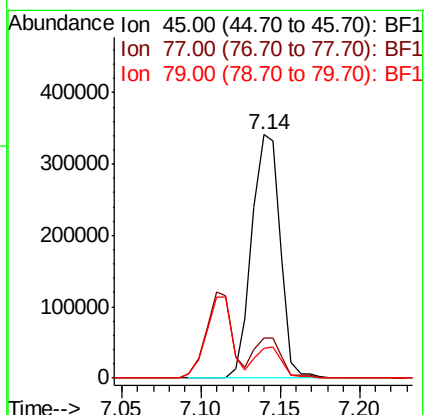
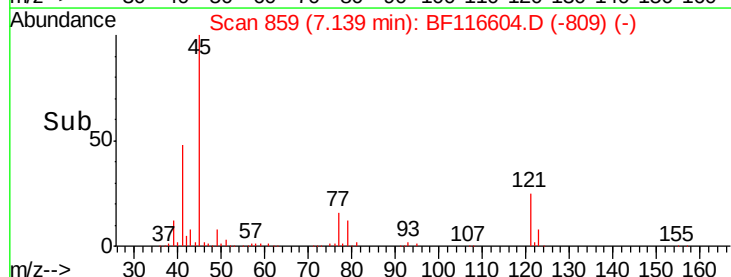
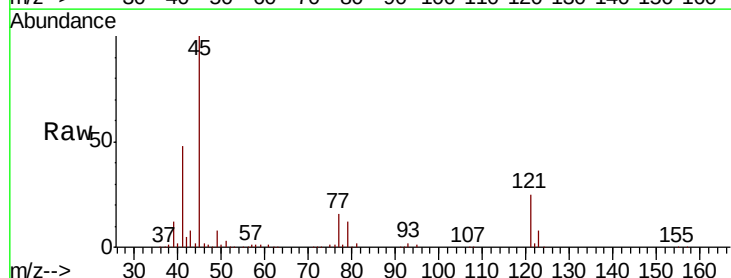
Tgt Ion: 45 Resp: 427796

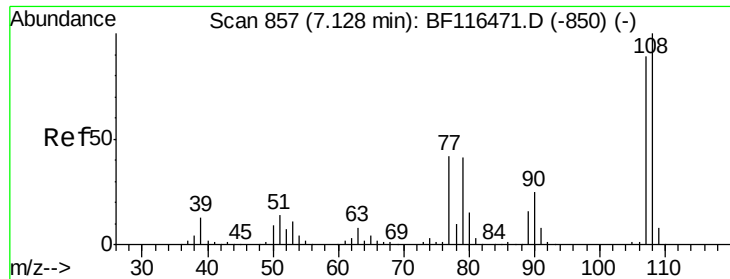
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 12.1 0.0 32.9

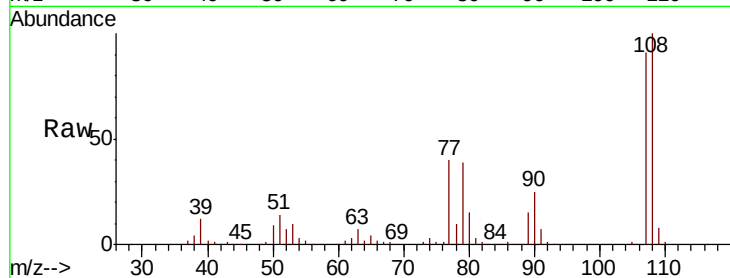




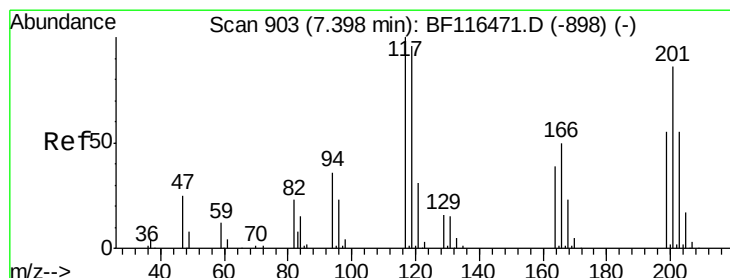
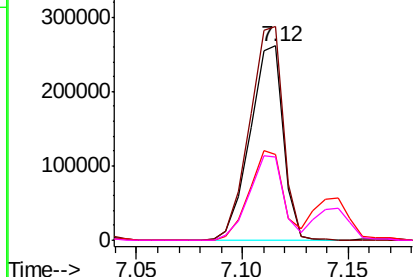
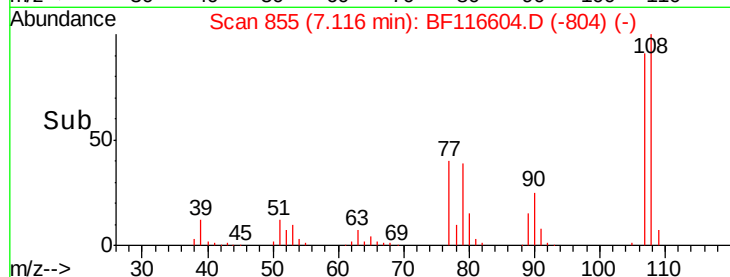
#17
2-Methylphenol
Concen: 39.004 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	287659
Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	44.1	36.8	55.2
79	43.2	36.2	54.4

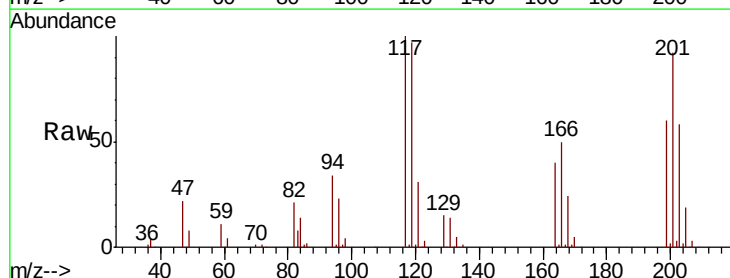


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

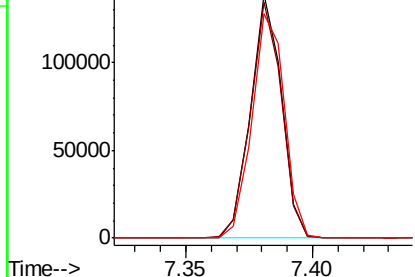
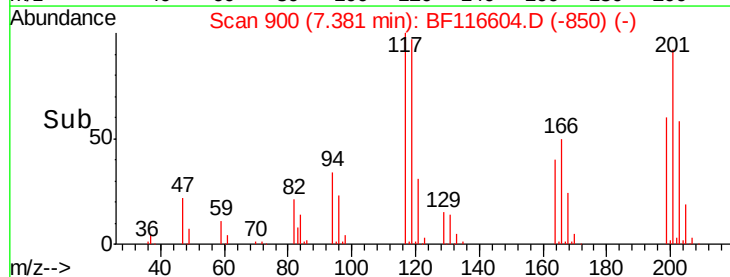


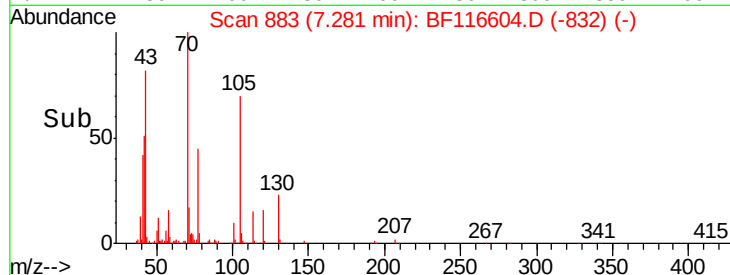
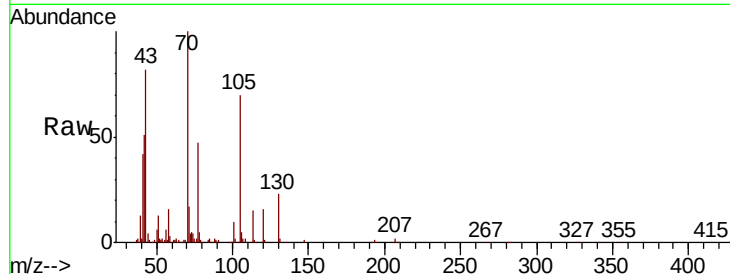
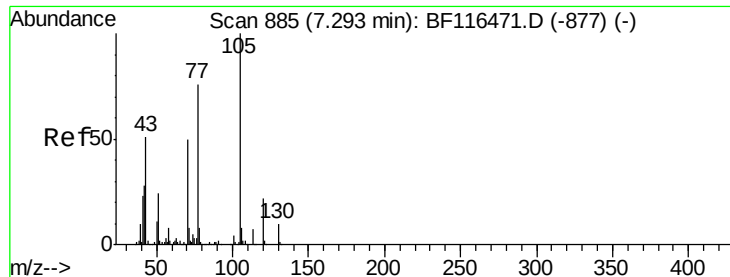
#18
Hexachloroethane
Concen: 32.669 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	117	Resp:	118144
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.6	118.0
201	92.1	86.2	129.2



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

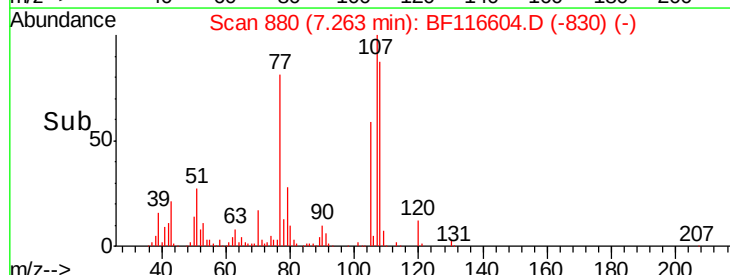
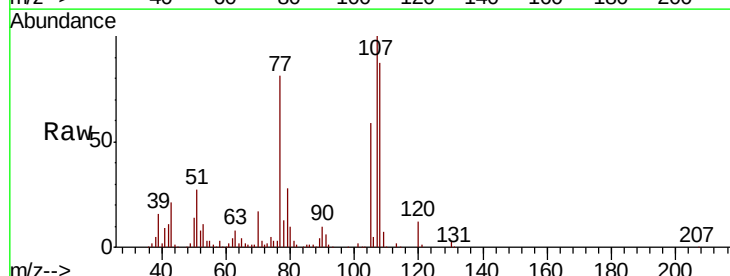
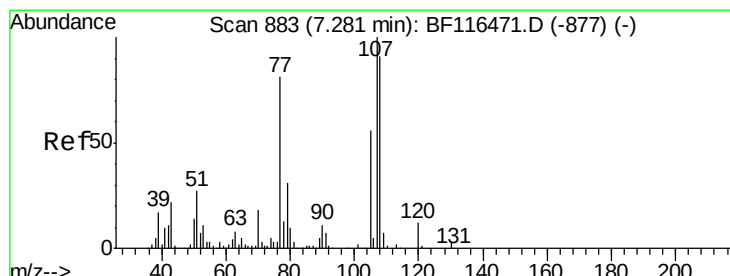
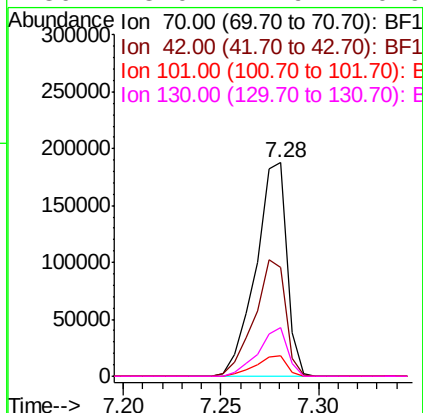




#19
n-Nitroso-di-n-propylamine
Concen: 29.286 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

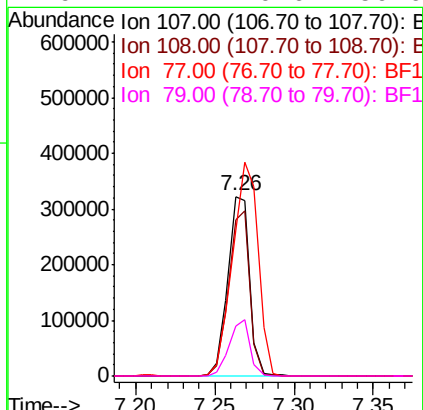
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

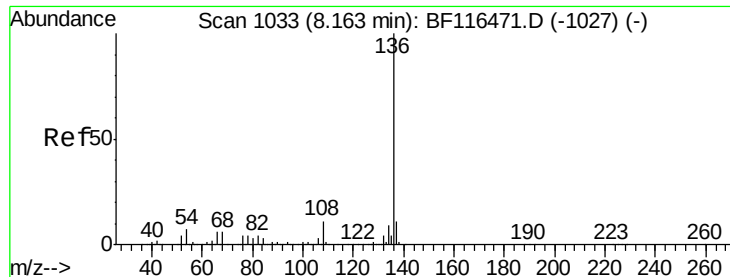
Tot Ion:	70	Resp:	207842
Ion	Ratio	Lower	Upper
70	100		
42	50.7	41.2	61.8
101	9.8	7.7	11.5
130	23.0	17.9	26.9



#20
3+4-Methylphenols
Concen: 34.047 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	107	Resp:	307598
Ion	Ratio	Lower	Upper
107	100		
108	87.2	72.6	112.6
77	81.1	82.4	122.4#
79	27.7	10.6	50.6

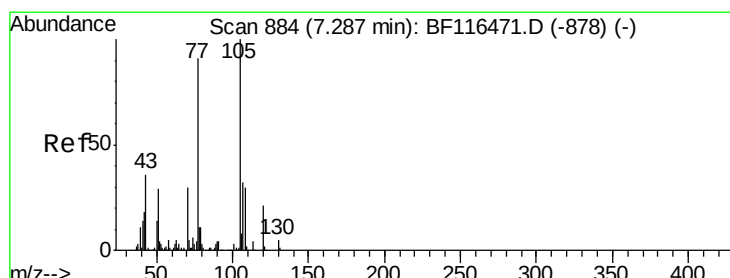
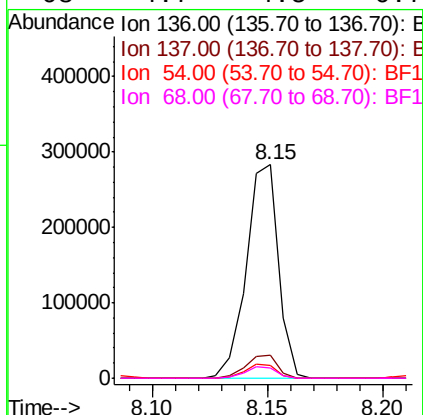
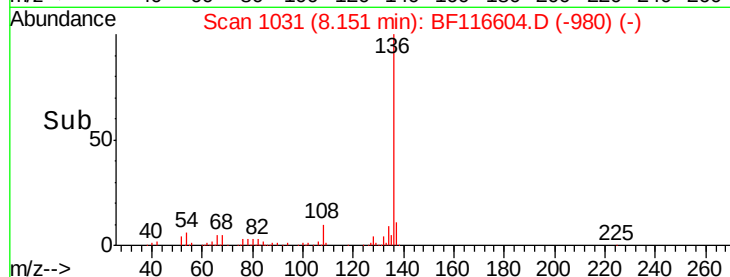
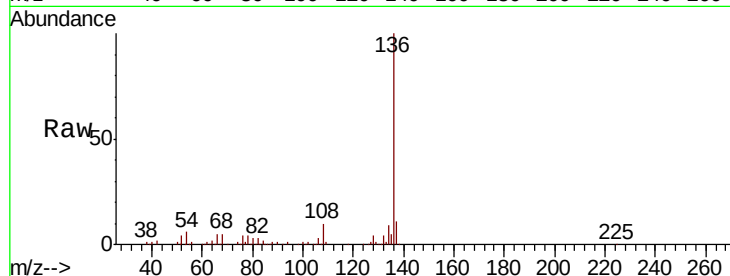




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

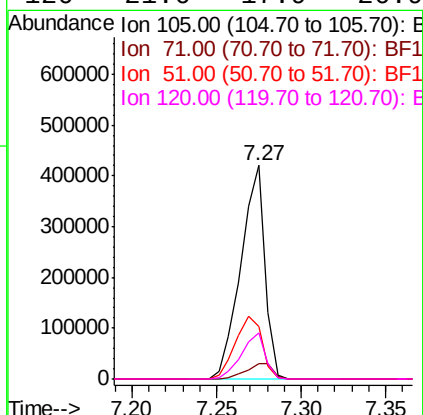
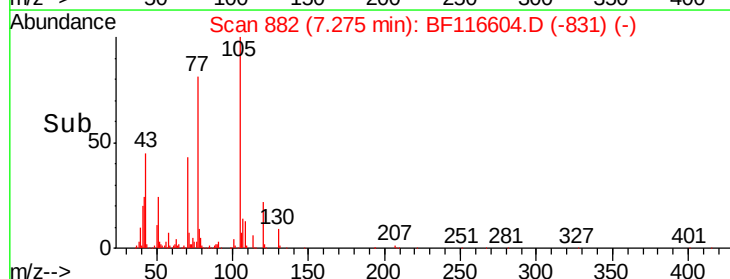
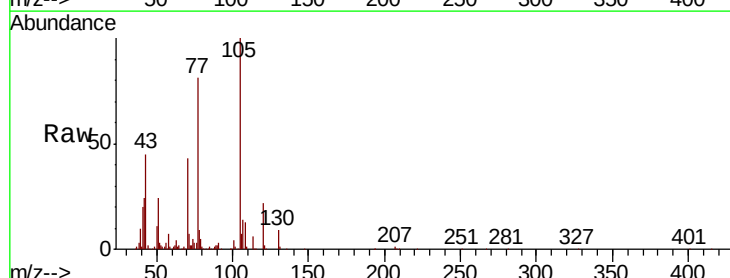
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

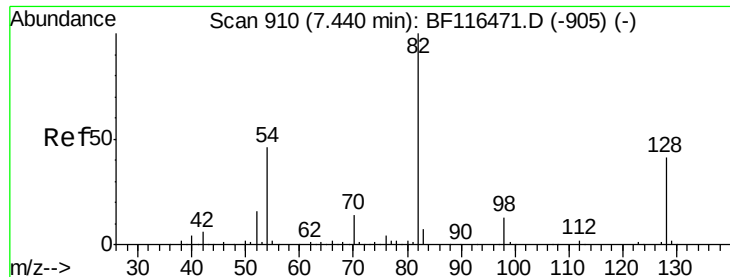
Tot Ion:136	Resp:	275961
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.7	13.1
54 5.8	5.0	7.4
68 4.7	4.5	6.7



#22
Acetophenone
Concen: 60.801 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt	Ion:105	Resp:	419562
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.0	7.6
51	24.4	20.7	31.1
120	21.6	17.9	26.9

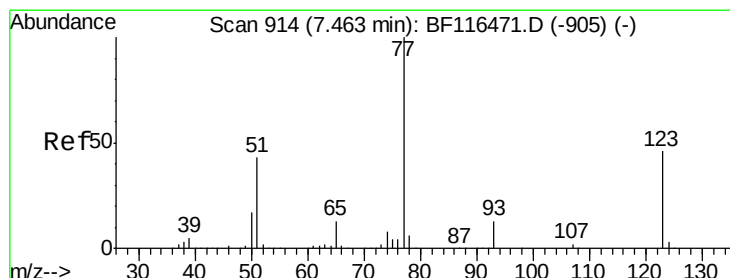
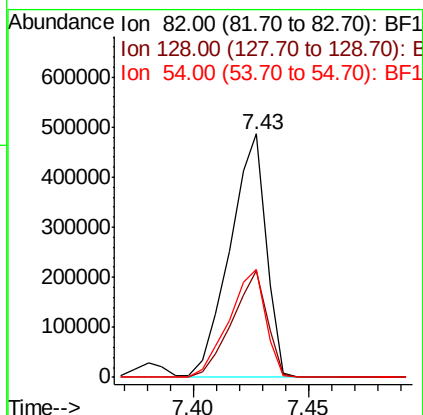
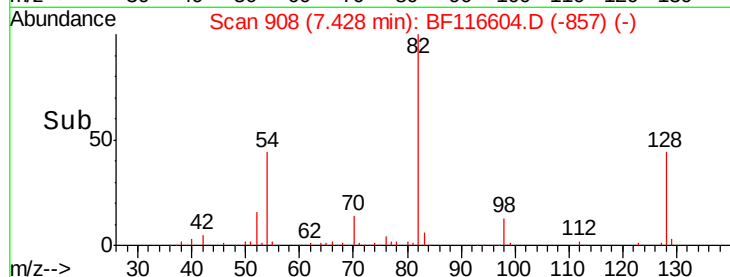
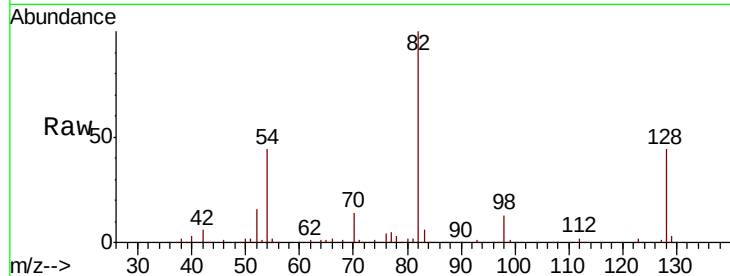




#23
 Nitrobenzene-d5
 Concen: 105.102 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

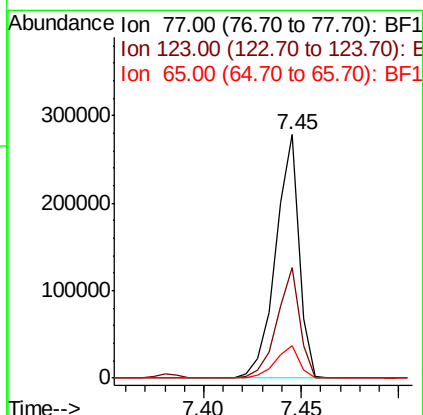
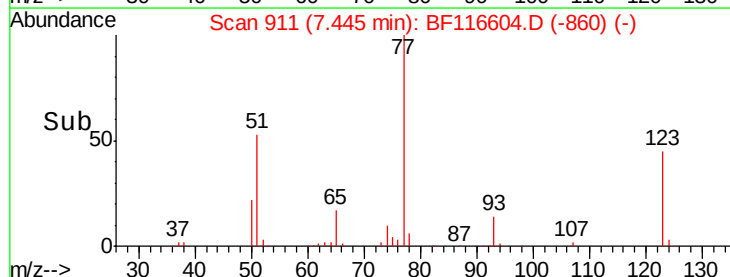
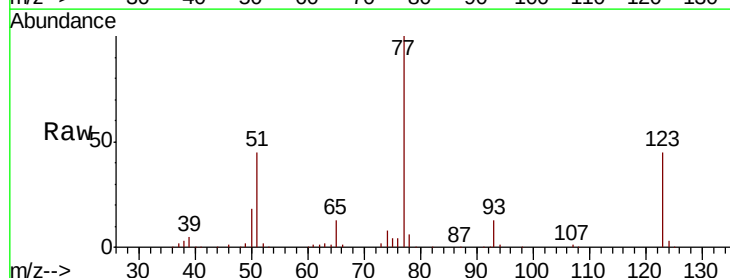
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

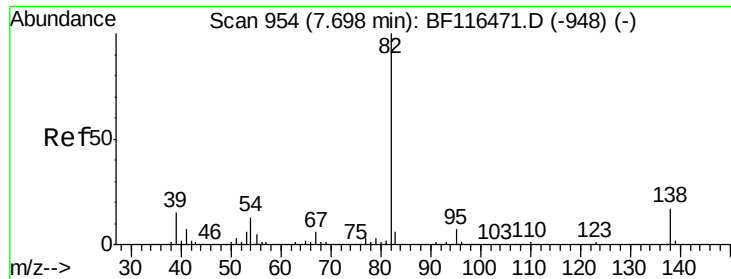
Tot Ion: 82 Resp: 530142
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.0 52.6
 54 44.3 34.4 51.6



#24
 Nitrobenzene
 Concen: 44.197 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion: 77 Resp: 230871
 Ion Ratio Lower Upper
 77 100
 123 45.3 38.2 57.4
 65 13.3 11.0 16.6





#25

Isophorone

Concen: 37.815 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

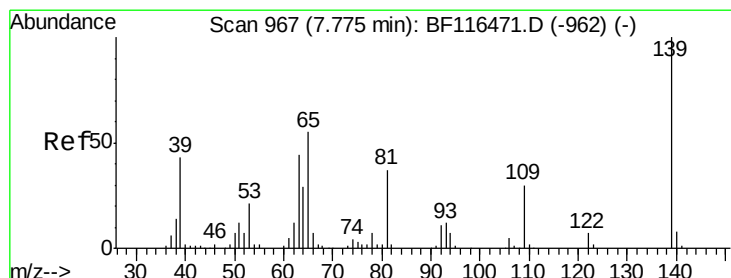
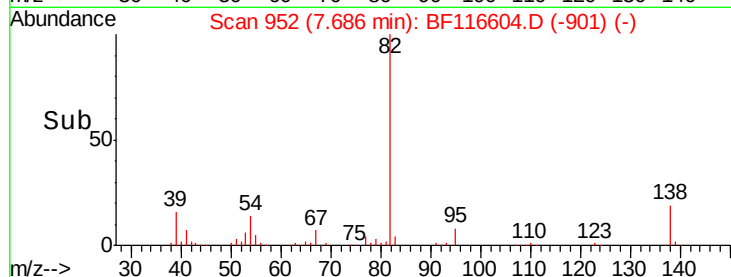
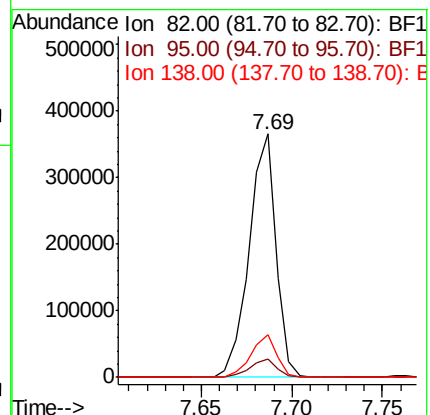
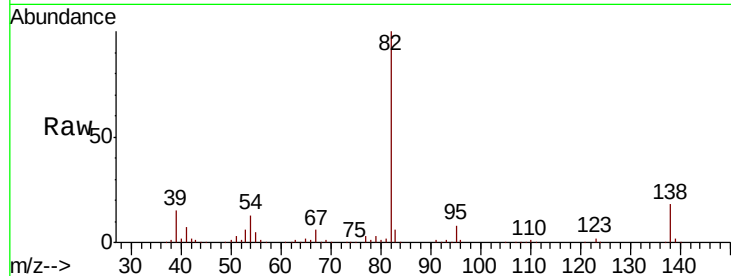
Tot Ion: 82 Resp: 375887

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

138 17.8 14.4 21.6



#26

2-Nitrophenol

Concen: 48.556 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

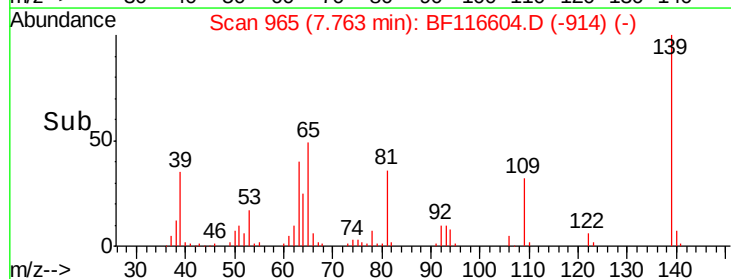
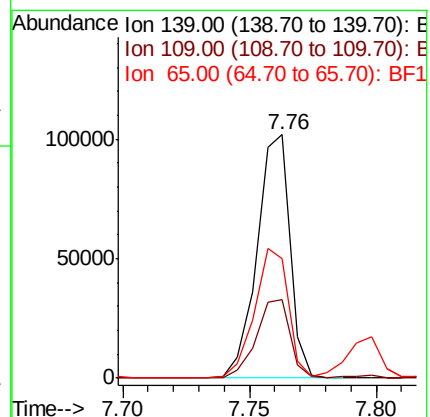
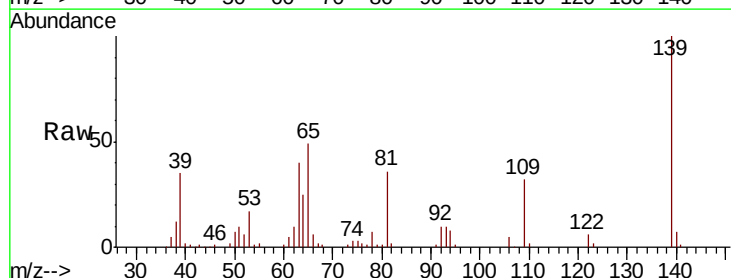
Tgt Ion: 139 Resp: 92647

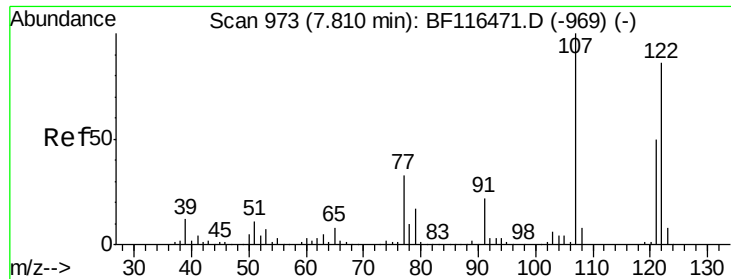
Ion Ratio Lower Upper

139 100

109 32.0 22.4 33.6

65 48.9 36.9 55.3

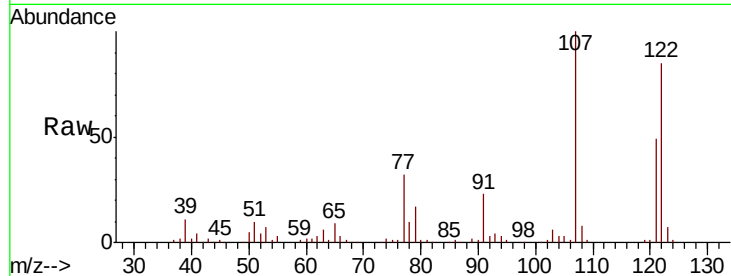




#27
 2,4-Dimethylphenol
 Concen: 36.960 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	95.4	143.0
121	58.3	47.8	71.8

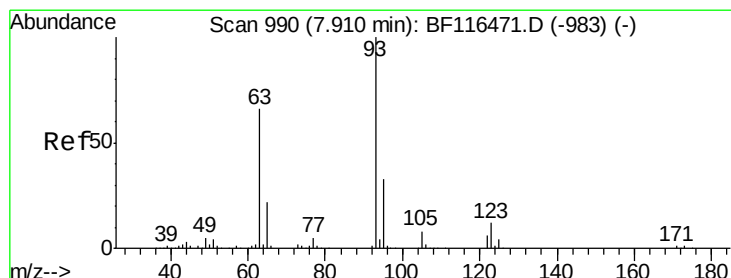
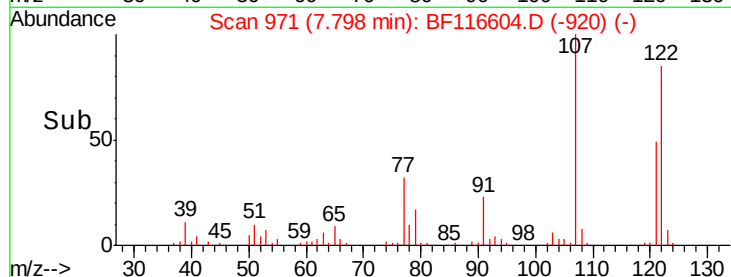
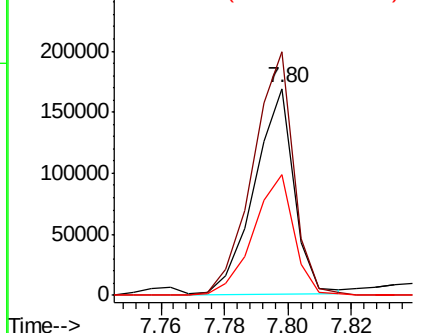


Abundance

Ion 122.00 (121.70 to 122.70): E

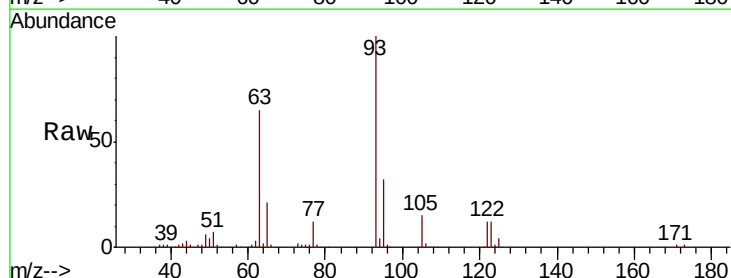
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.478 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	11.6	10.4	15.6

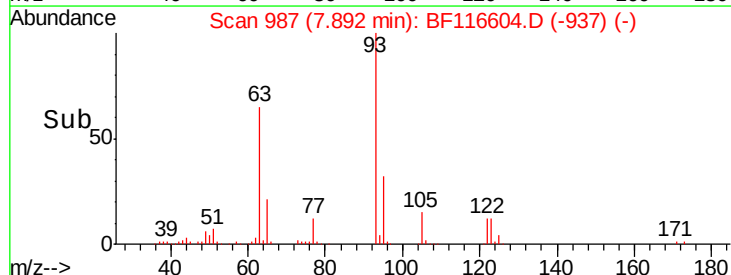
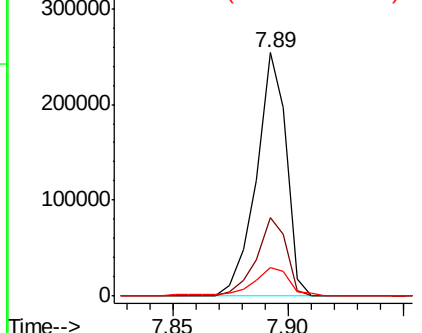


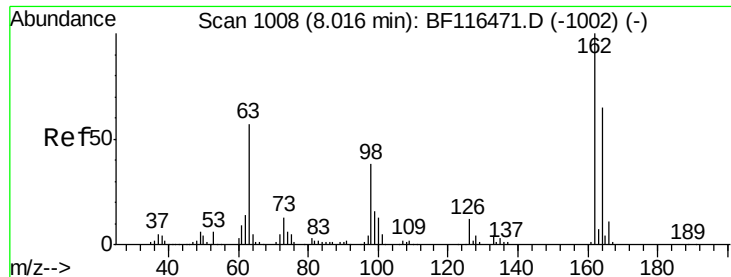
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

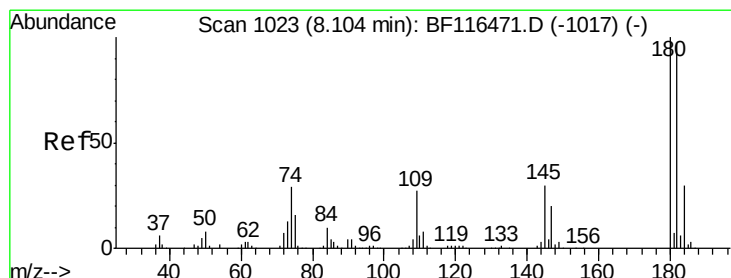
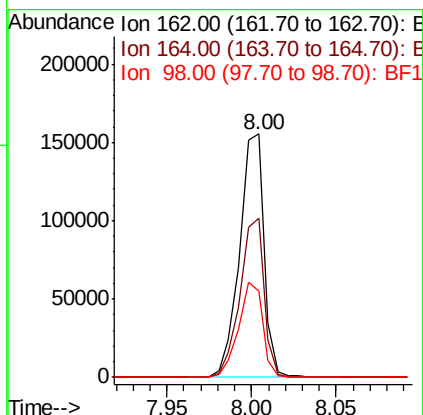
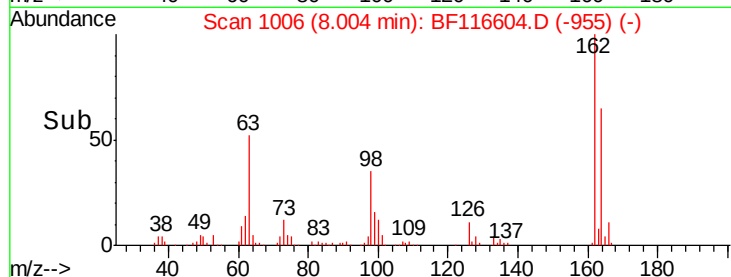
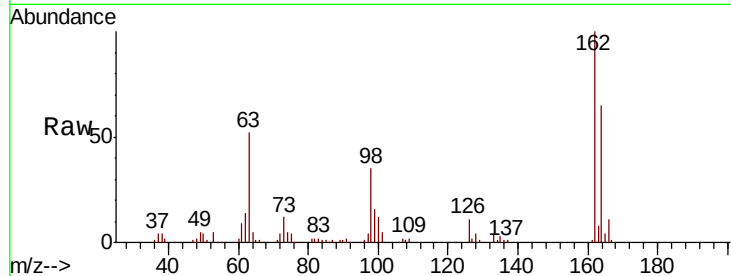




#29
 2,4-Dichlorophenol
 Concen: 41.650 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

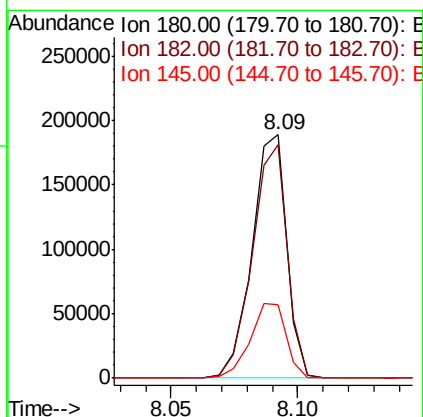
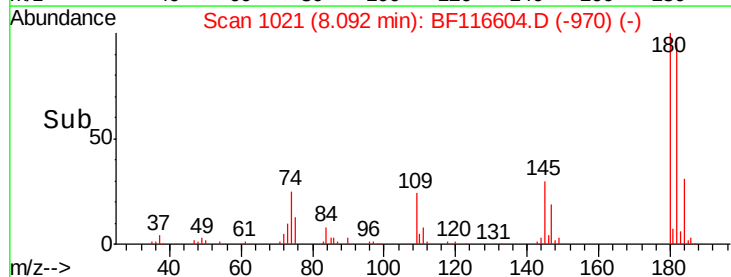
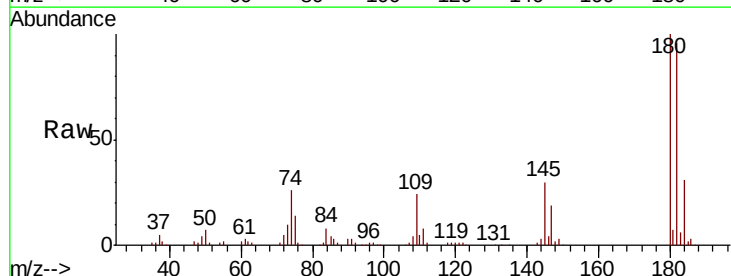
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

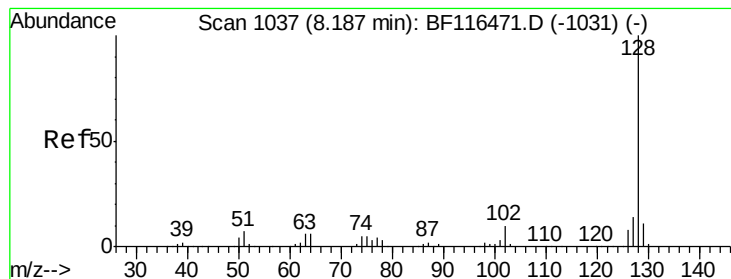
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.9	85.9
98	35.4	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.467 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	30.0	24.1	36.1





#31

Naphthalene

Concen: 42.167 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

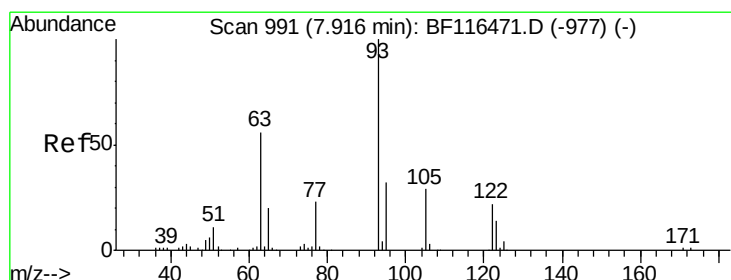
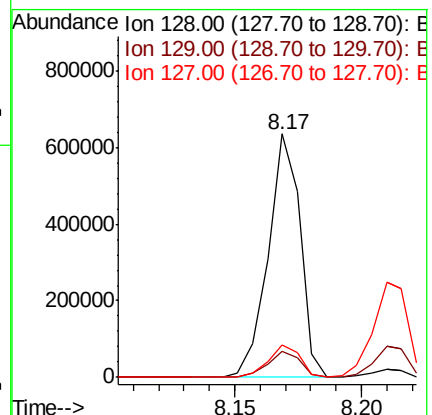
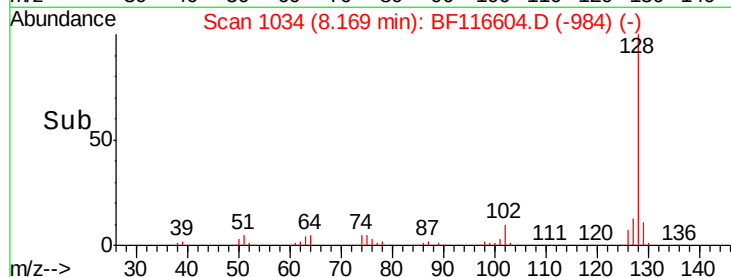
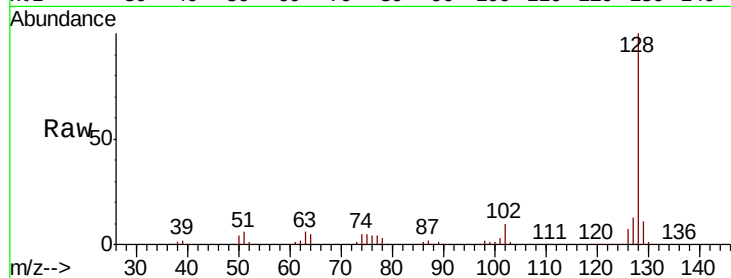
Tot Ion:128 Resp: 562926

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 39.964 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

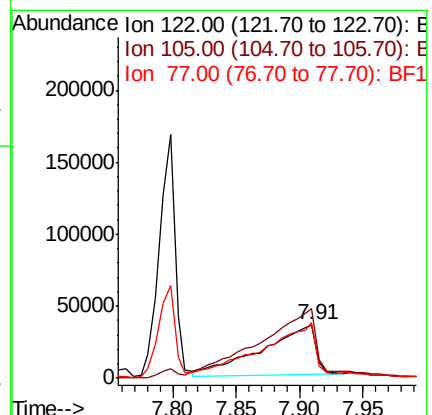
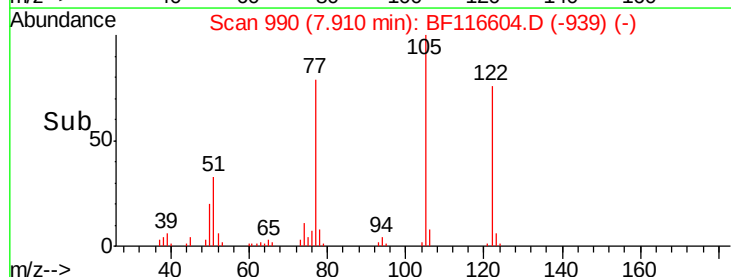
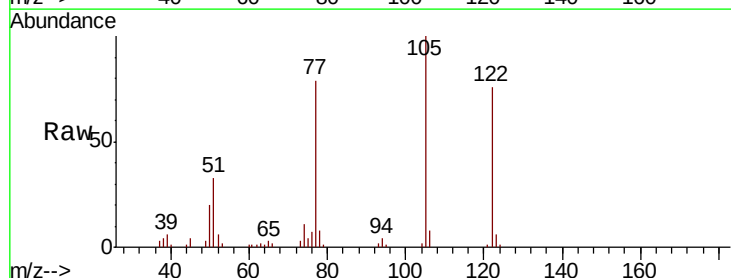
Tgt Ion:122 Resp: 101715

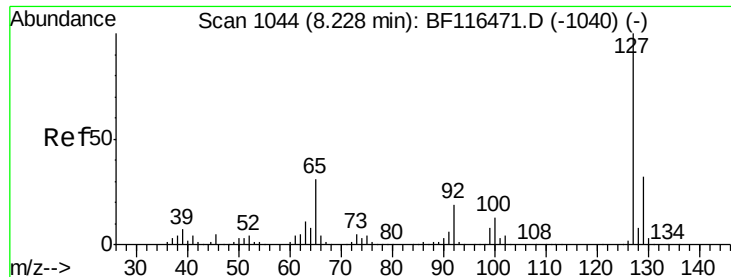
Ion Ratio Lower Upper

122 100

105 131.8 105.8 145.8

77 103.7 74.1 114.1

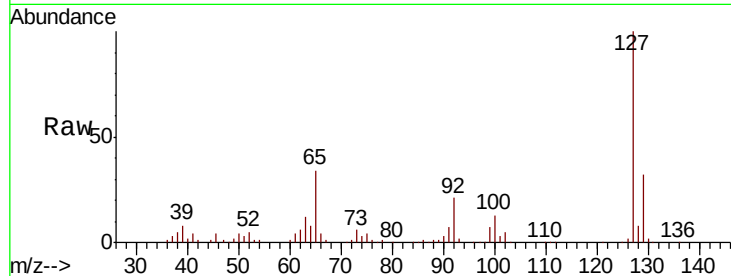




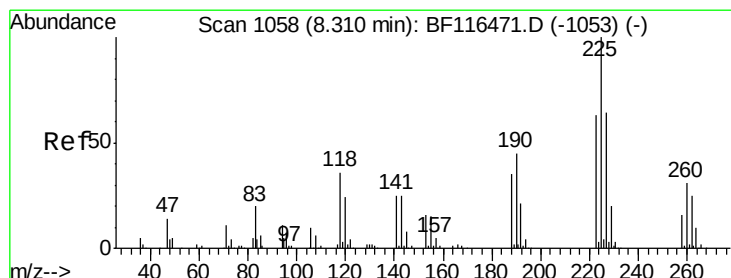
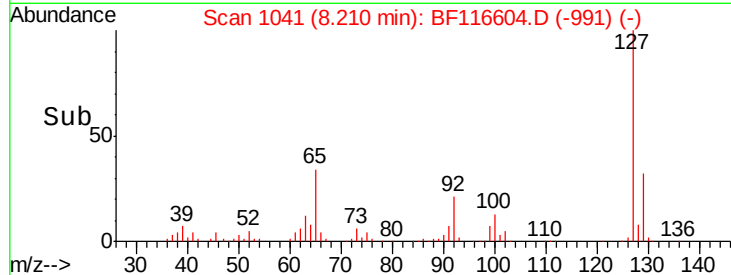
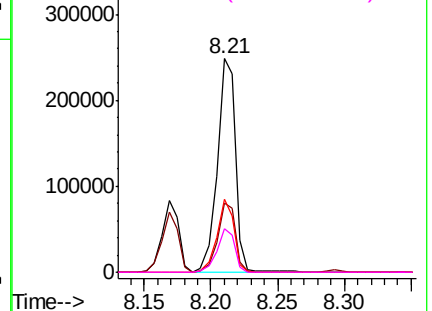
#33
4-Chloroaniline
Concen: 40.846 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	239379
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.9	38.9
65	34.0	22.6	33.8#
92	20.5	15.0	22.6

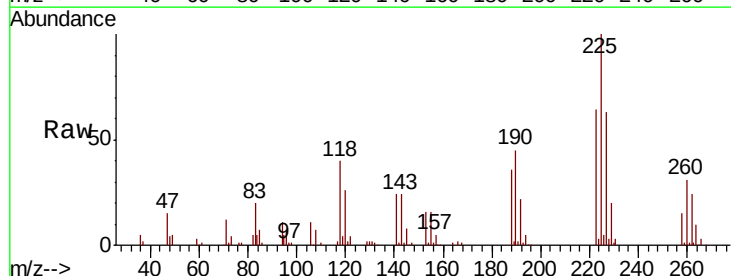


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

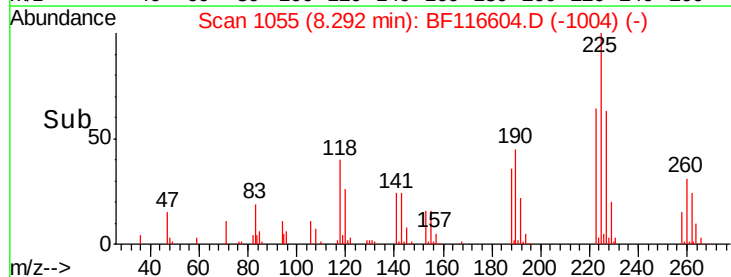
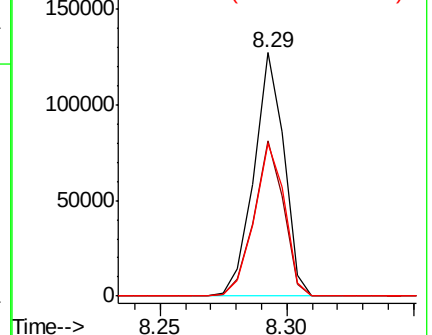


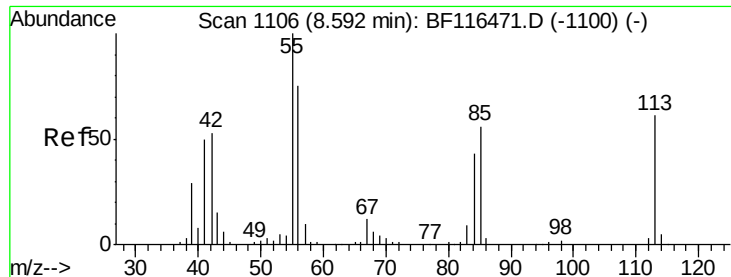
#34
Hexachlorobutadiene
Concen: 45.351 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	225	Resp:	105422
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.7	76.1
227	62.5	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

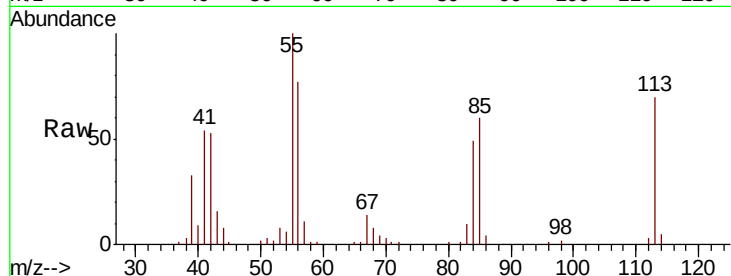




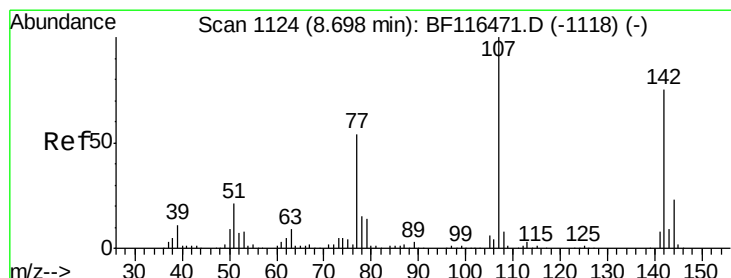
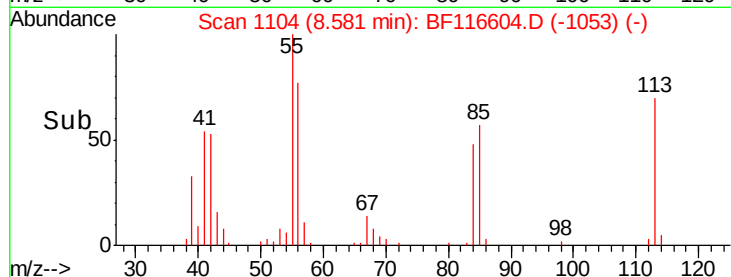
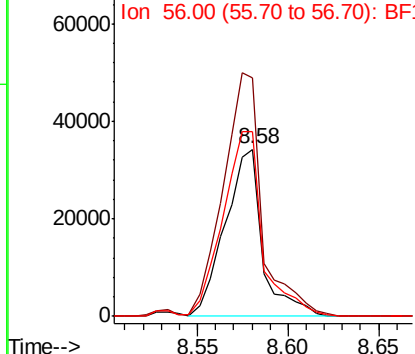
#35
 Caprolactam
 Concen: 37.286 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 49173
 Ion Ratio Lower Upper
 113 100
 55 142.7 128.3 168.3
 56 110.4 93.2 133.2

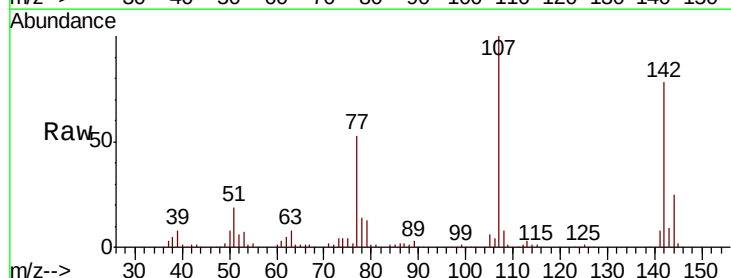


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

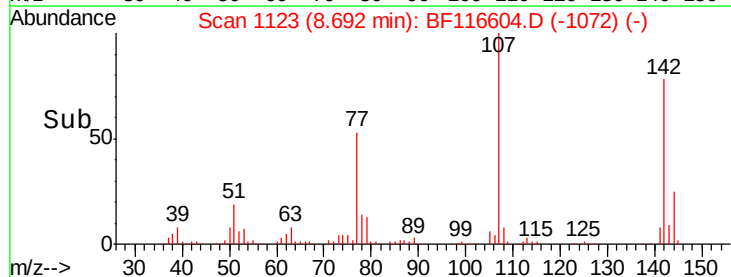
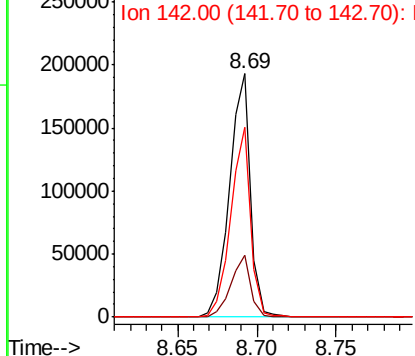


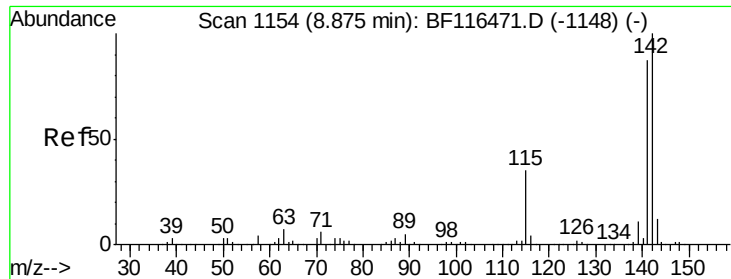
#36
 4-Chloro-3-methylphenol
 Concen: 41.171 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:107 Resp: 175882
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 30.8
 142 78.0 63.8 95.6



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

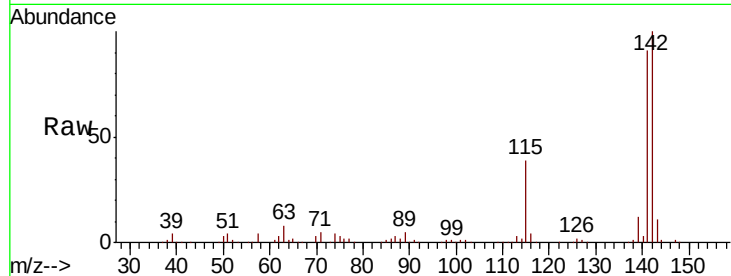




#37
2-Methylnaphthalene
Concen: 40.099 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.5	104.3
115	38.6	26.0	39.0

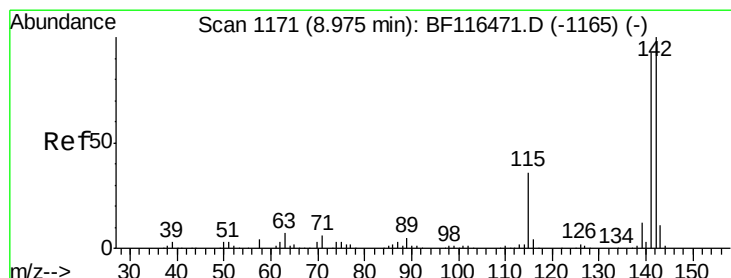
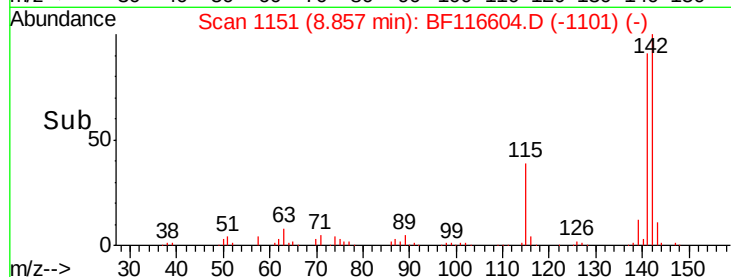
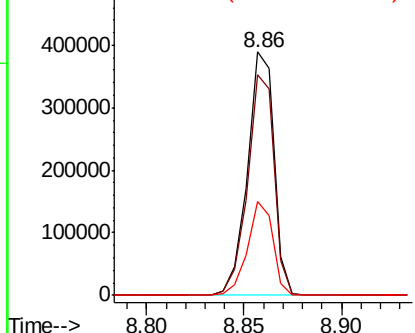


Abundance

Ion 142.00 (141.70 to 142.70): E

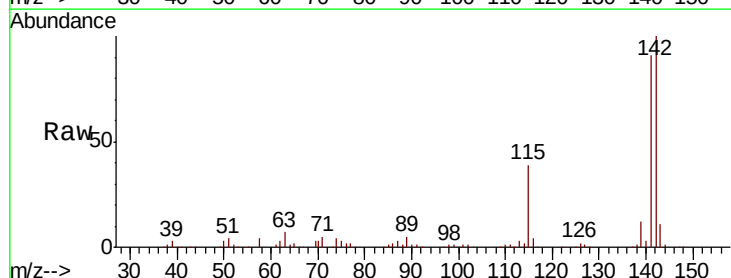
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.868 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	4.1	2.7	4.1#

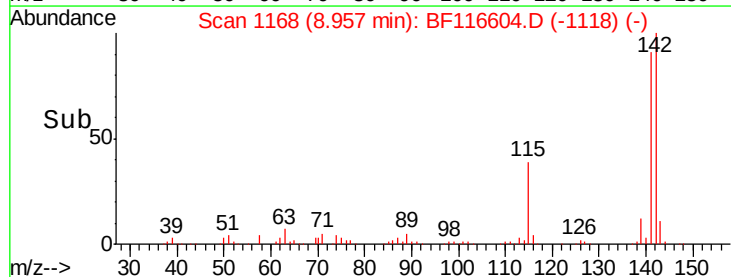
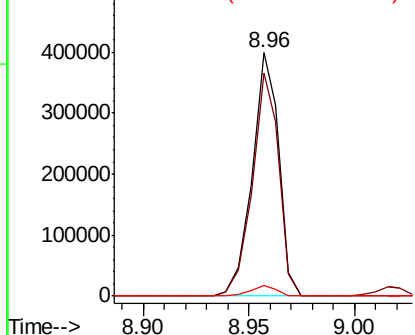


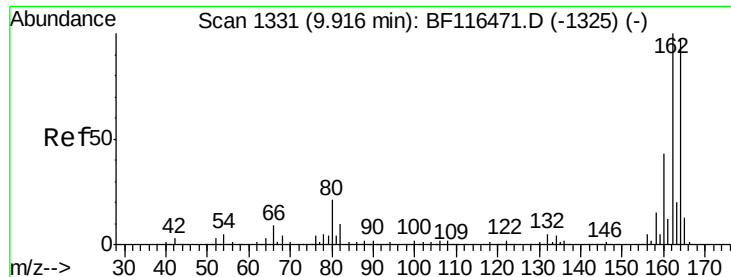
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

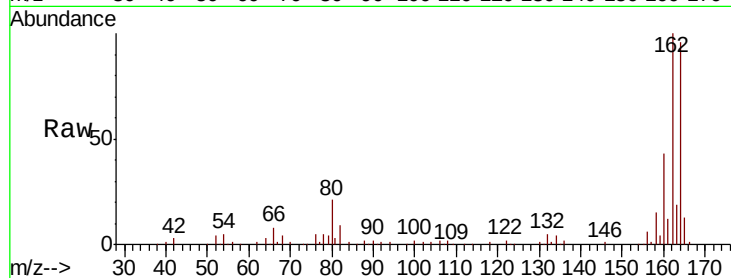
Tot Ion:164 Resp: 147400

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

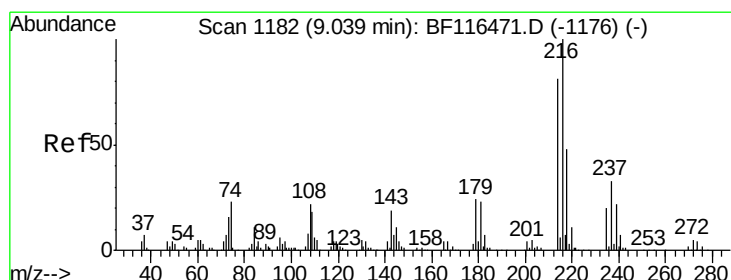
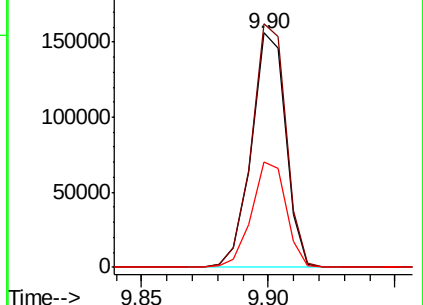
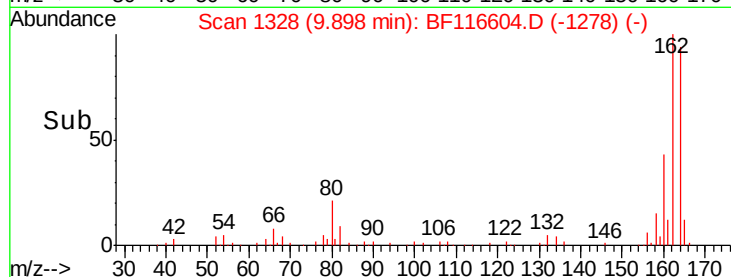
160 44.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.956 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Tgt Ion:216 Resp: 170351

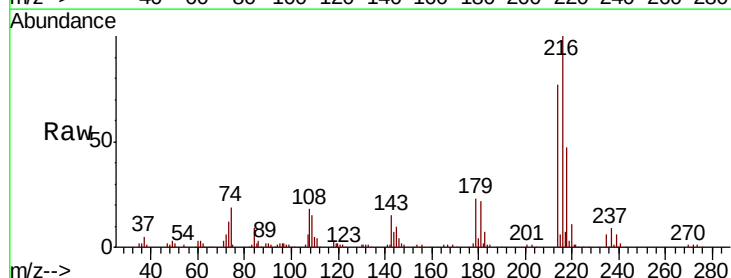
Ion Ratio Lower Upper

216 100

214 79.0 63.3 94.9

179 23.3 17.9 26.9

108 21.1 16.0 24.0

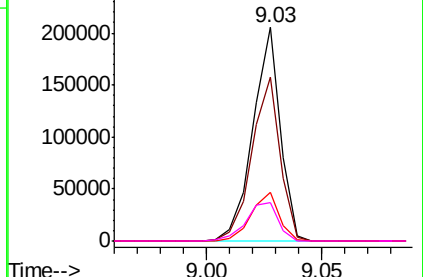
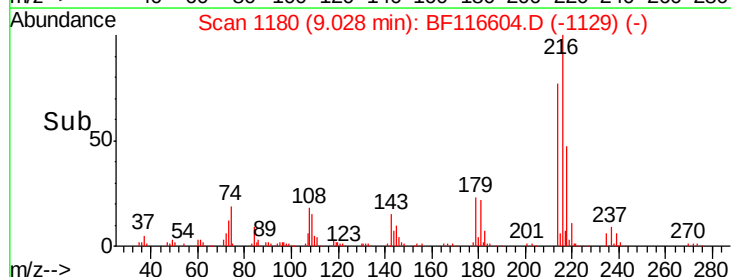


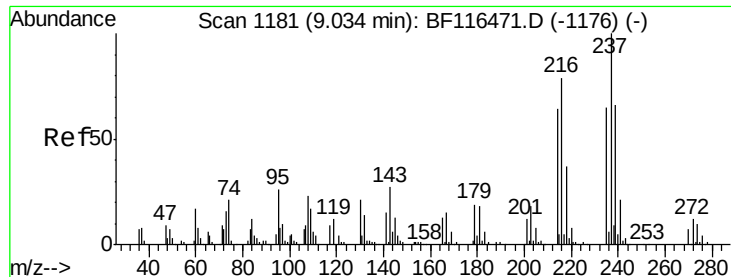
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

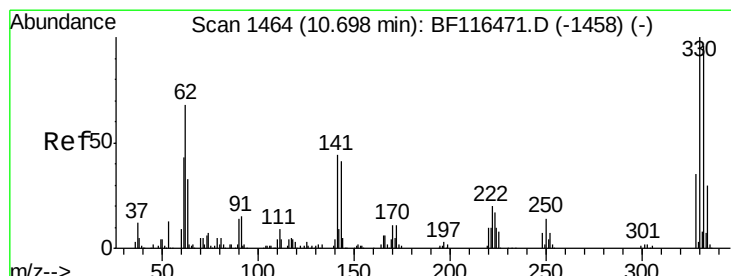
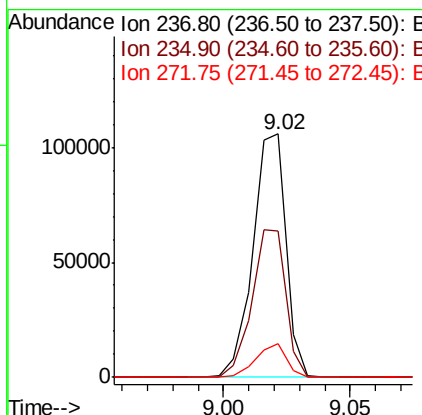
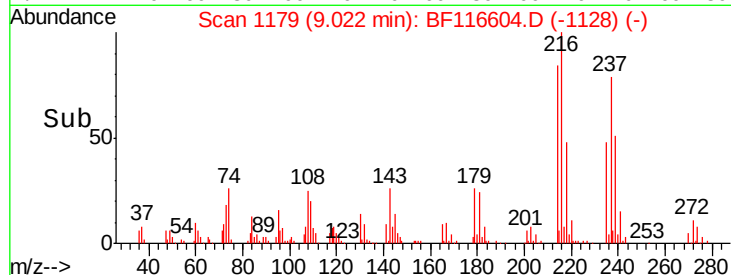
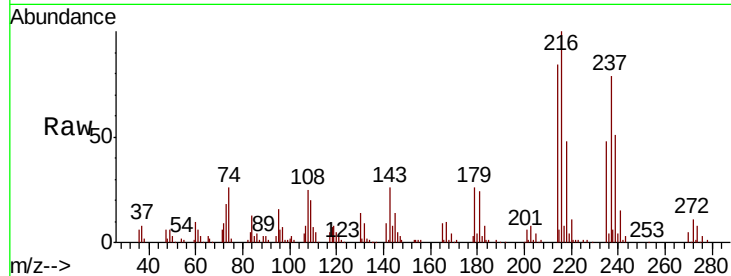




#41
Hexachlorocyclopentadiene
Concen: 45.414 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

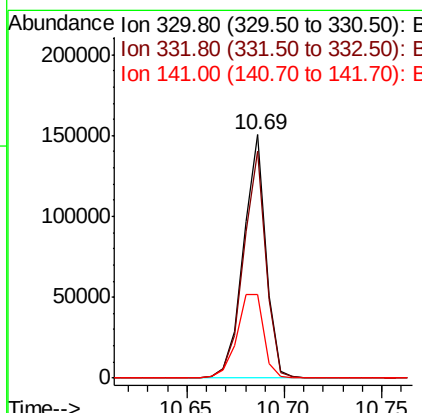
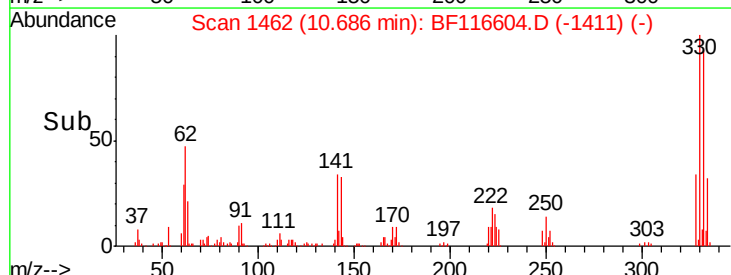
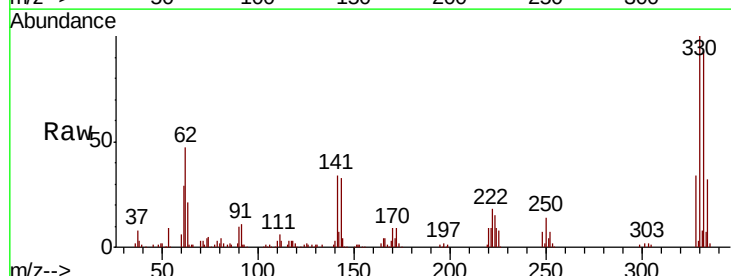
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

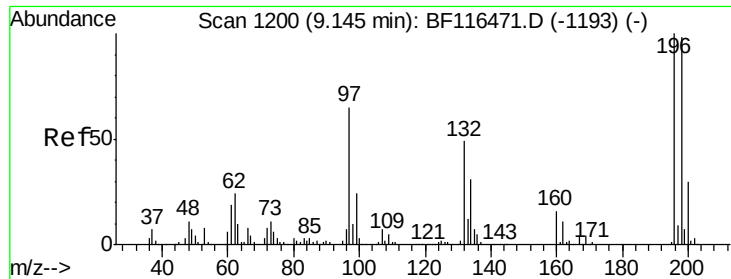
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.1	42.9	82.9
272	13.8	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 94.645 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.5	116.3
141	40.9	28.2	42.2

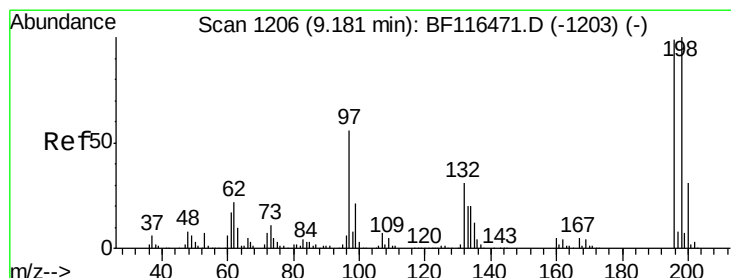
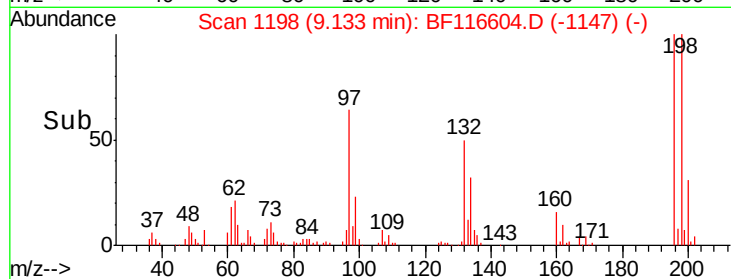
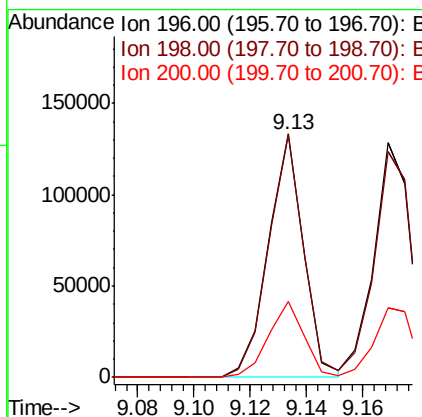
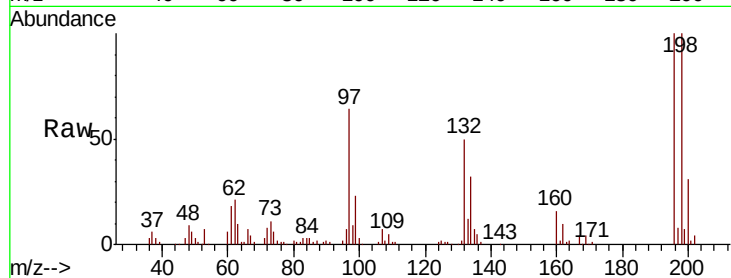




#43
 2,4,6-Trichlorophenol
 Concen: 41.567 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

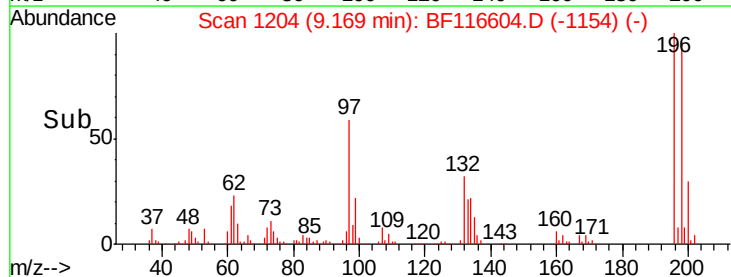
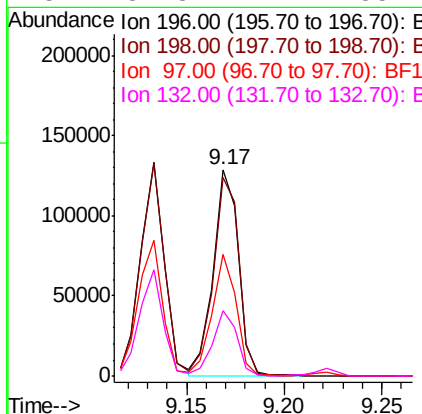
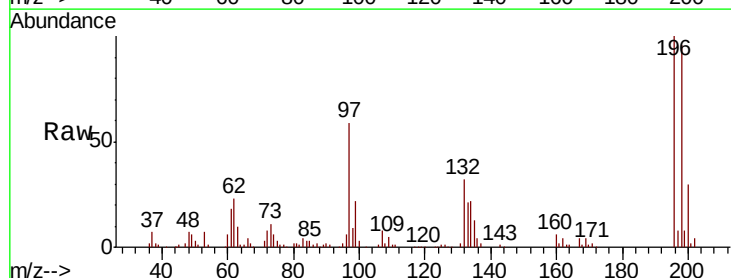
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

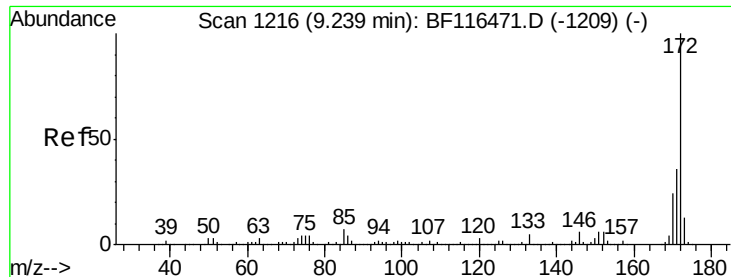
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	76.8	115.2
200	31.3	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.988 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	82.0	123.0
97	59.3	37.0	55.6
132	31.8	22.2	33.2

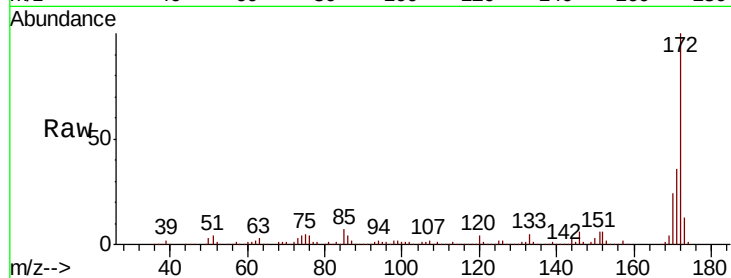




#45
2-Fluorobiphenyl
Concen: 86.513 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.8	19.3	28.9

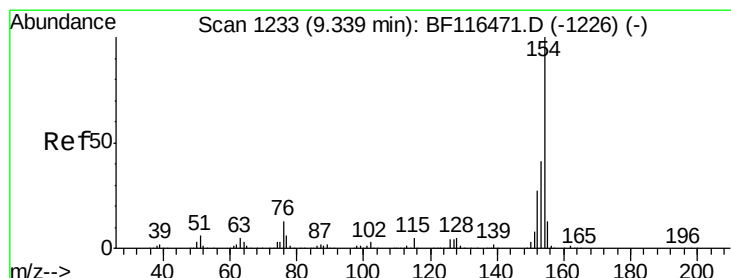
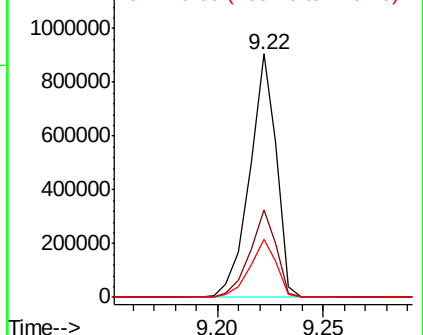
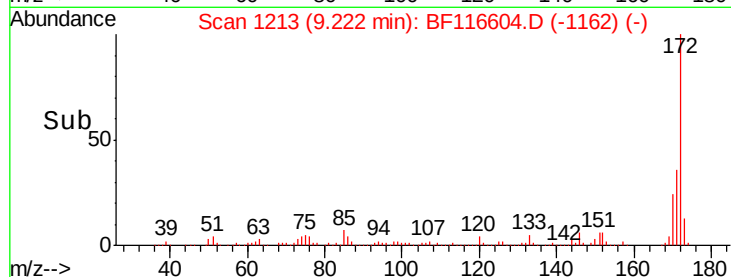


Abundance

Ion 172.00 (171.70 to 172.70): E

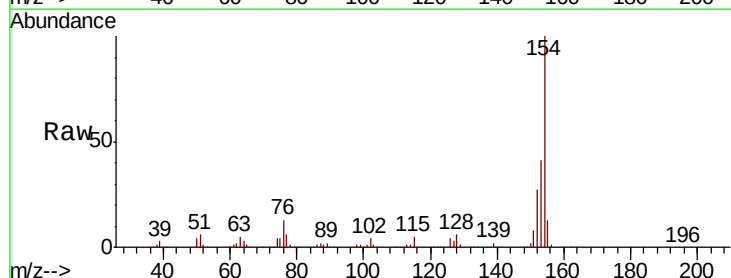
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.904 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	13.3	0.0	31.8

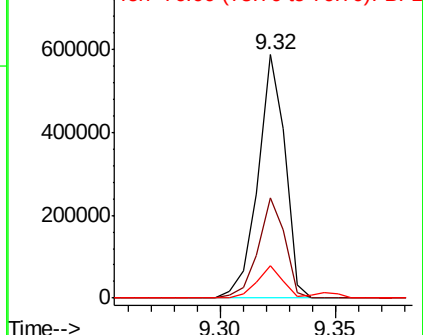
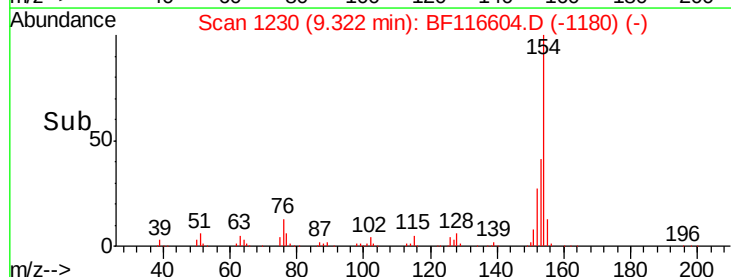


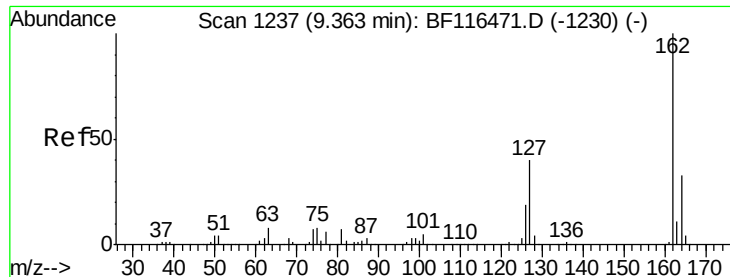
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

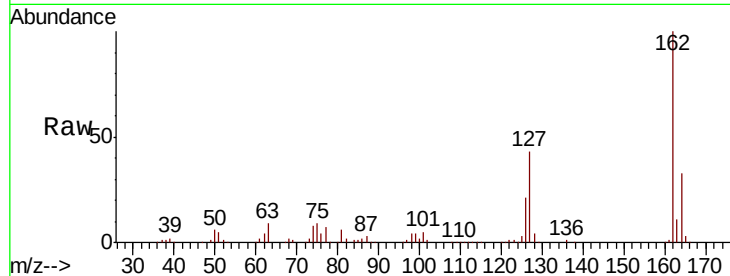




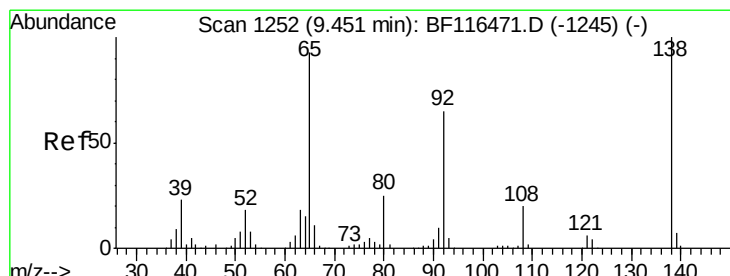
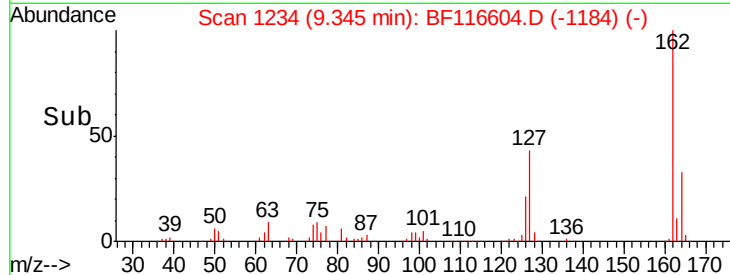
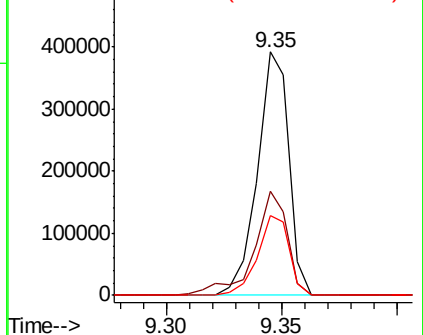
#47
 2-Chloronaphthalene
 Concen: 40.677 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 371633
 Ion Ratio Lower Upper
 162 100
 127 42.7 31.1 46.7
 164 32.9 26.8 40.2

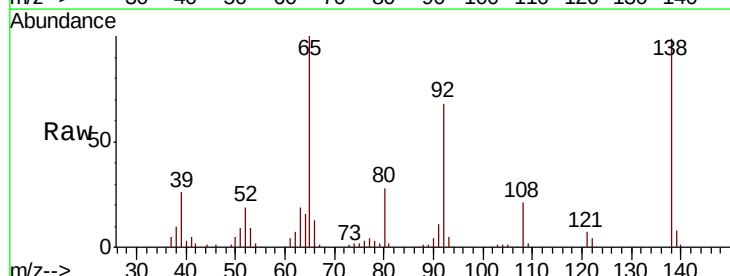


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

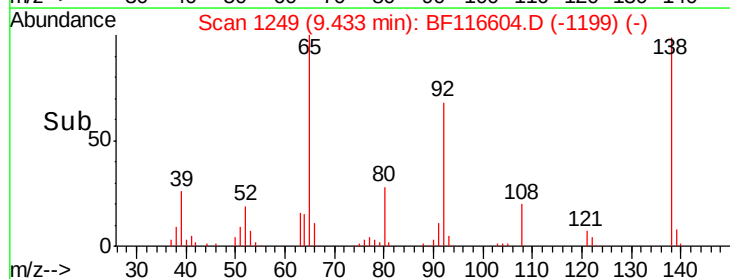
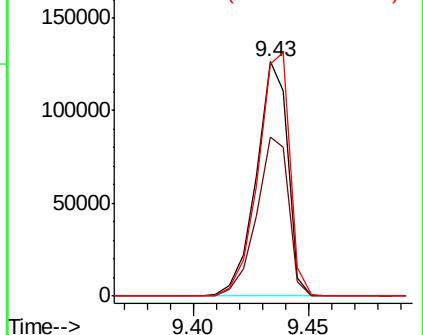


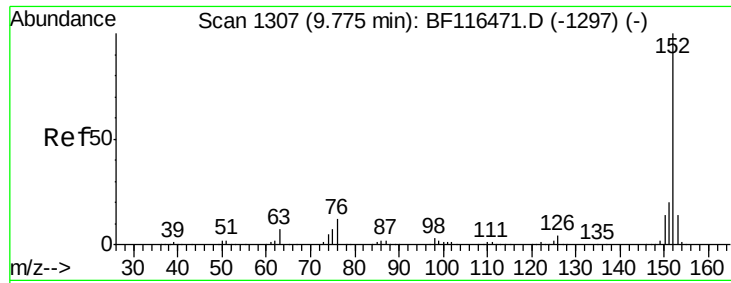
#48
 2-Nitroaniline
 Concen: 43.003 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion: 65 Resp: 120297
 Ion Ratio Lower Upper
 65 100
 92 67.7 58.2 87.2
 138 99.0 96.6 144.8



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: 41.648 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

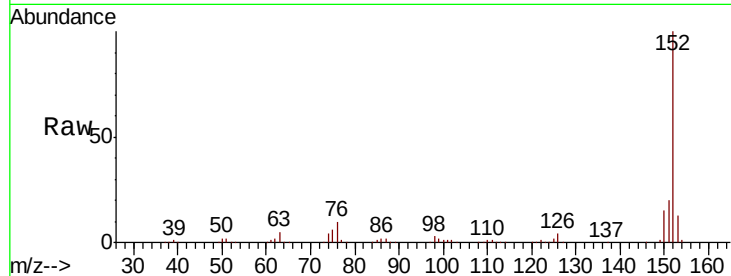
Tot Ion:152 Resp: 556699

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

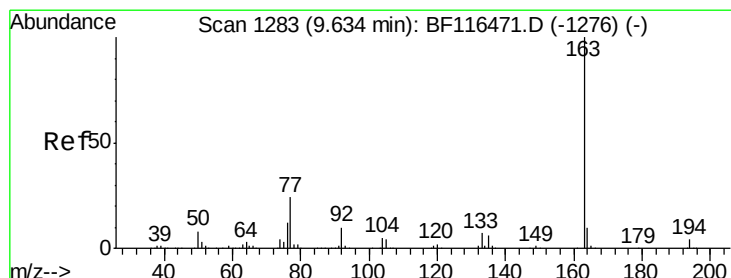
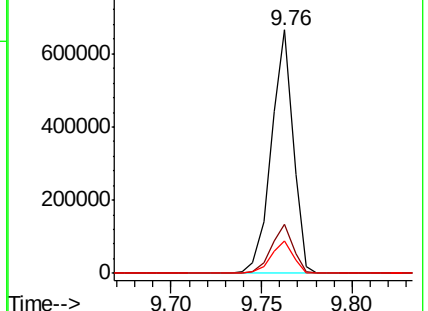
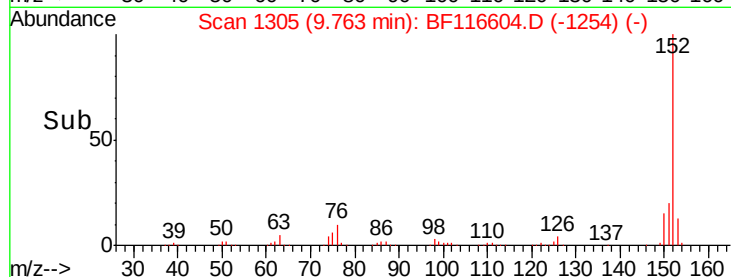
153 13.3 11.3 16.9



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: 41.365 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

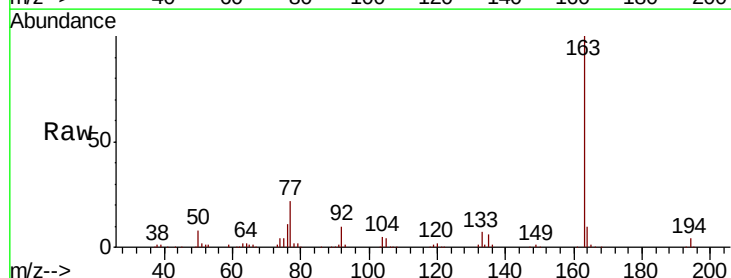
Tgt Ion:163 Resp: 425400

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

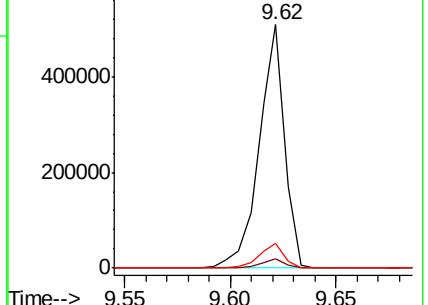
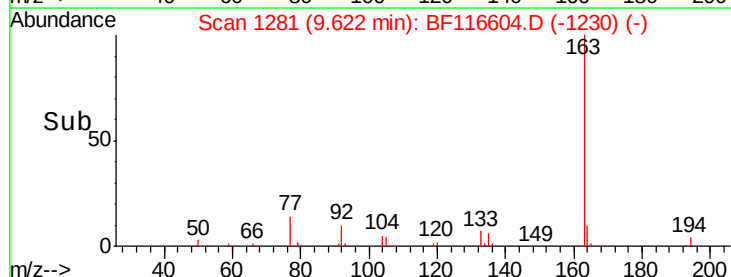
164 10.0 8.2 12.2

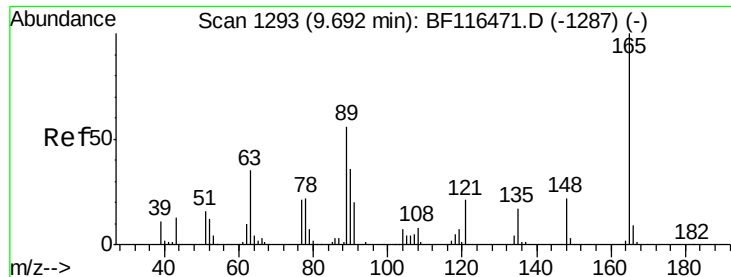


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.874 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

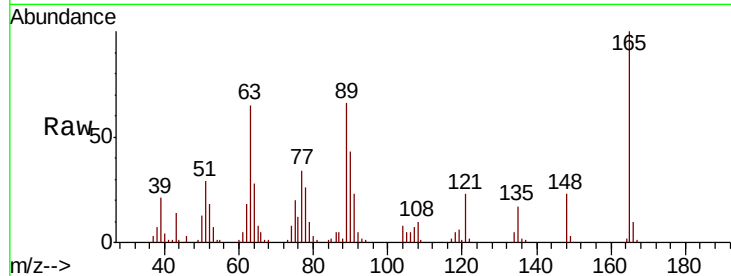
Tot Ion:165 Resp: 90251

Ion Ratio Lower Upper

165 100

63 64.7 37.2 55.8#

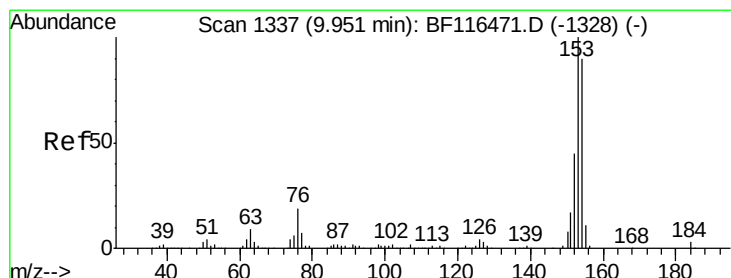
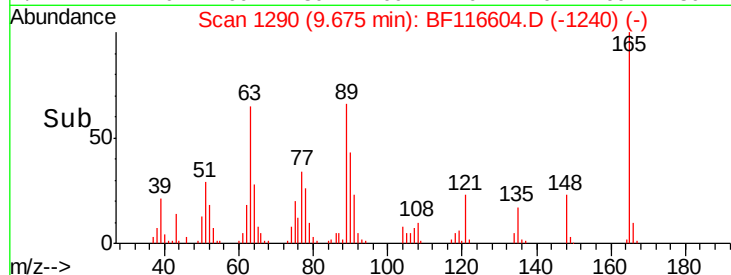
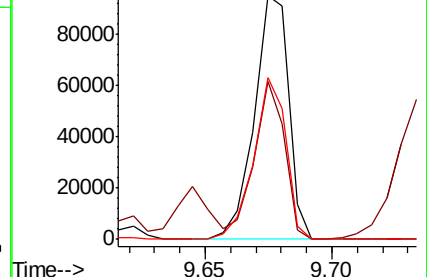
89 66.4 40.8 61.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.901 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

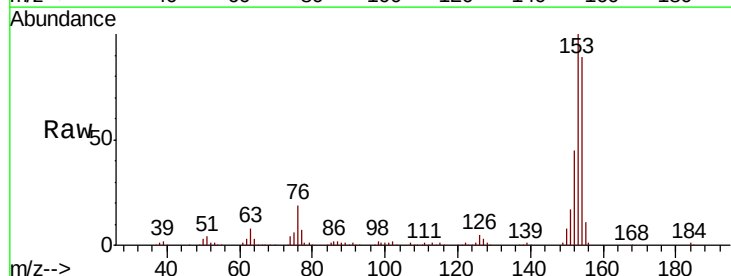
Tgt Ion:154 Resp: 359391

Ion Ratio Lower Upper

154 100

153 112.2 86.6 129.8

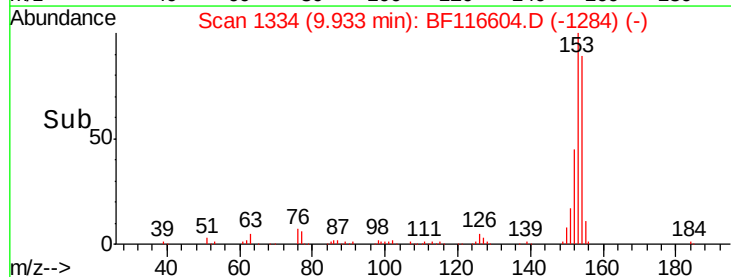
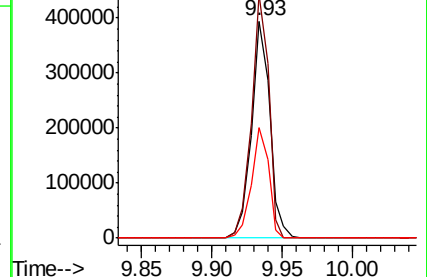
152 51.0 39.4 59.0

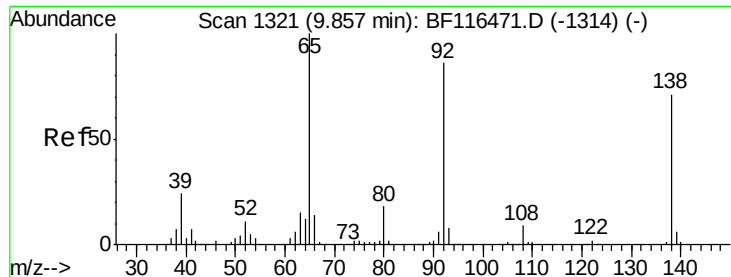


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

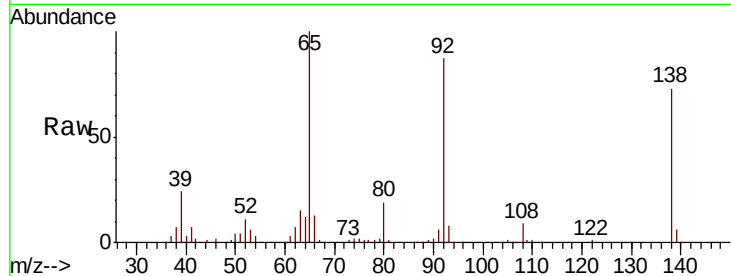




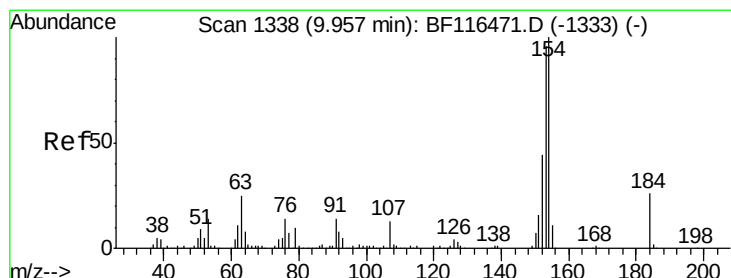
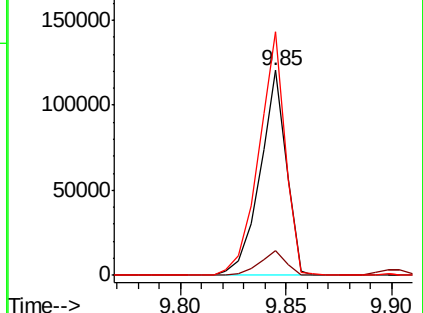
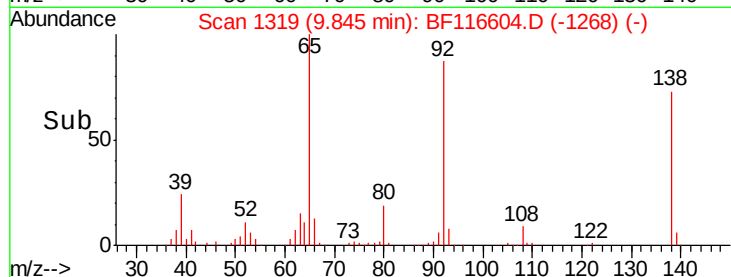
#53
3-Nitroaniline
Concen: 41.566 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 104296
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 118.8 91.6 137.4

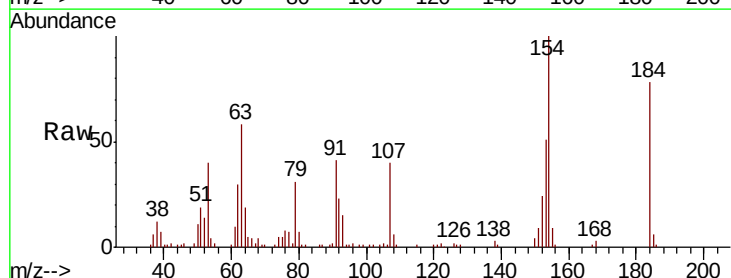


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

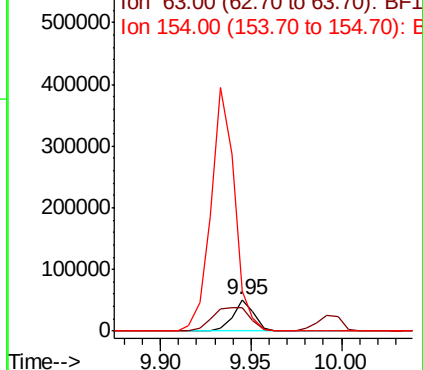
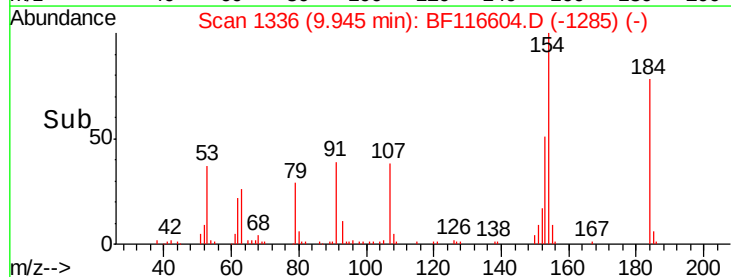


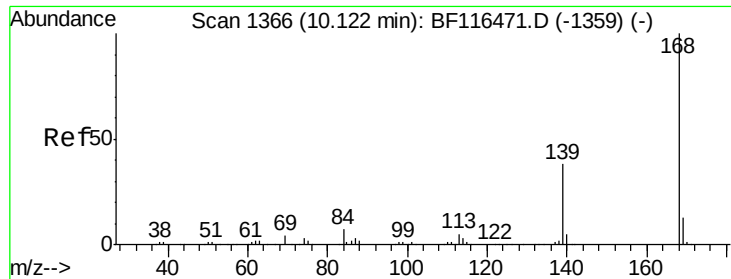
#54
2,4-Dinitrophenol
Concen: 61.718 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:184 Resp: 40848
Ion Ratio Lower Upper
184 100
63 73.8 62.7 94.1
154 127.8 150.0 225.0#



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

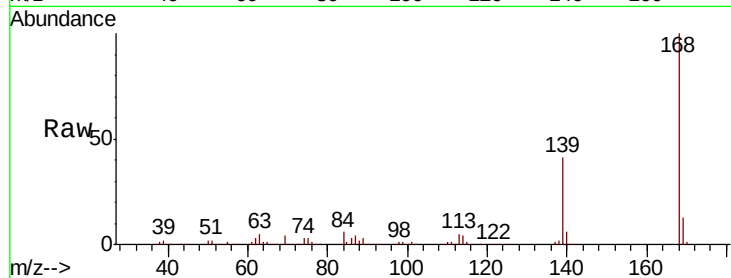




#55
Dibenzofuran
Concen: 42.063 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.3	46.9
169	13.3	11.3	16.9

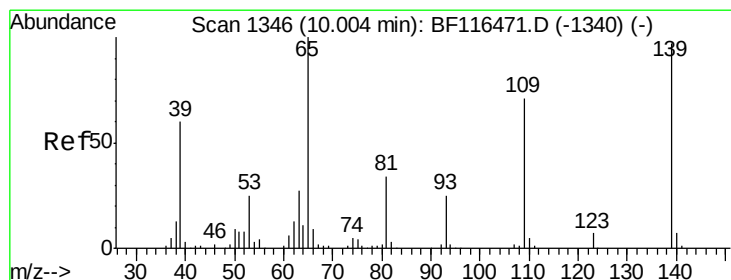
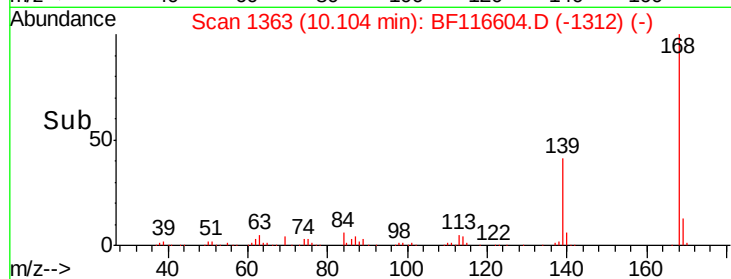
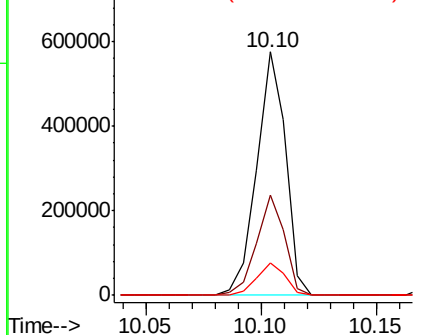


Abundance

Ion 168.00 (167.70 to 168.70): E

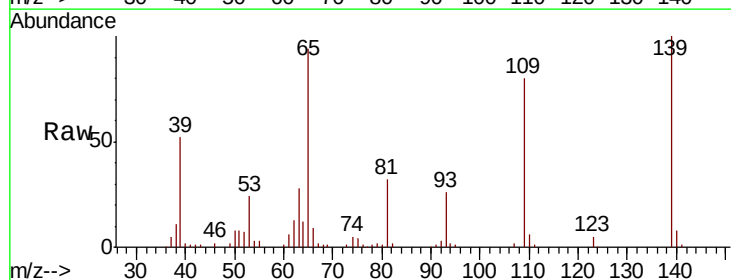
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.435 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.7	45.5	85.5
65	93.9	66.8	106.8

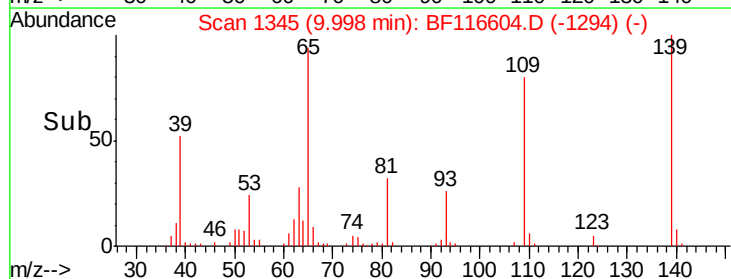
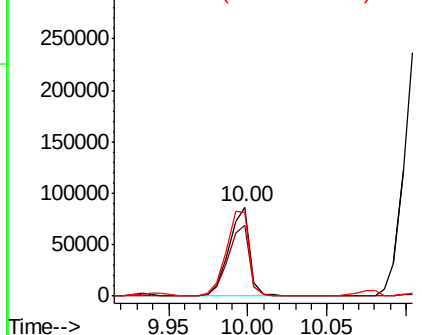


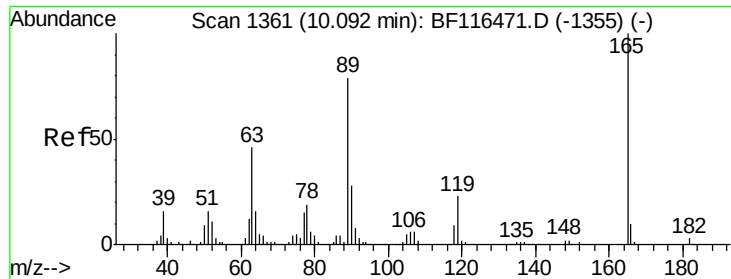
Abundance

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

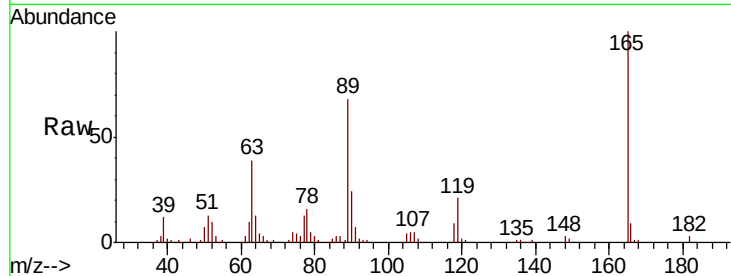




#57
2,4-Dinitrotoluene
Concen: 44.400 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	118927
Ion Ratio	Lower	Upper
165	100	
63	39.3	30.9 46.3
89	67.9	55.0 82.6
182	2.6	2.2 3.2



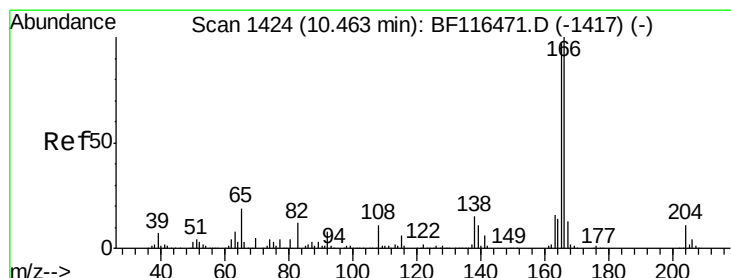
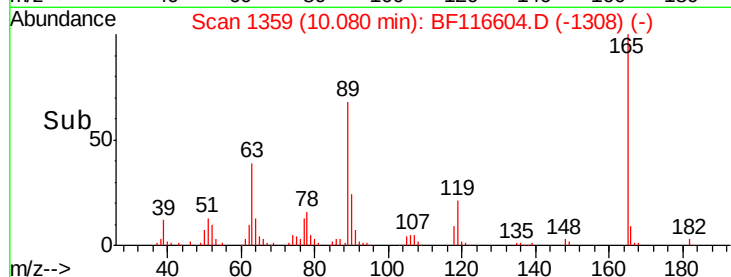
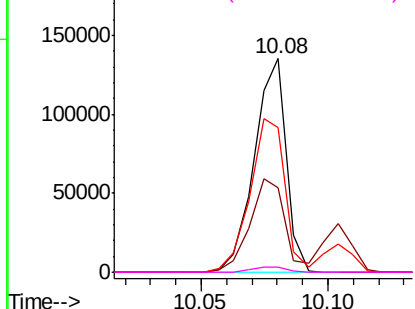
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

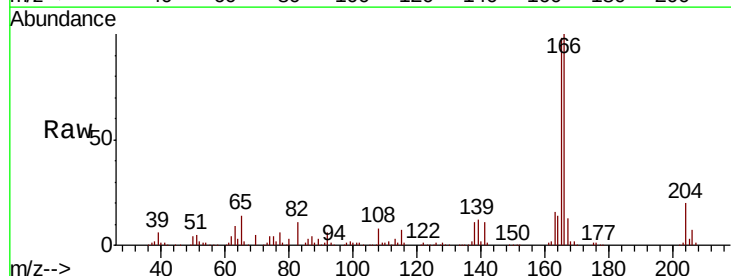
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.060 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:166	Resp:	390703
Ion Ratio	Lower	Upper
166	100	
165	98.2	77.8 116.6
167	13.2	10.6 16.0

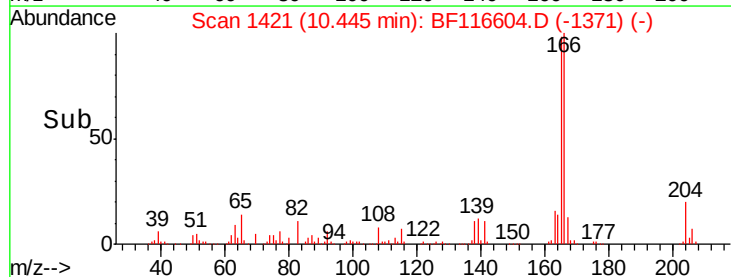
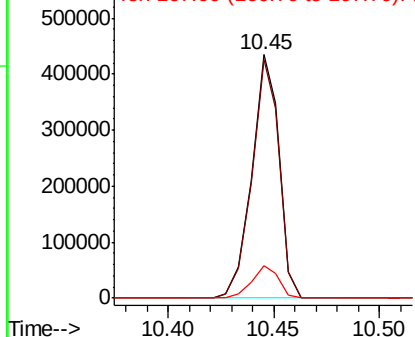


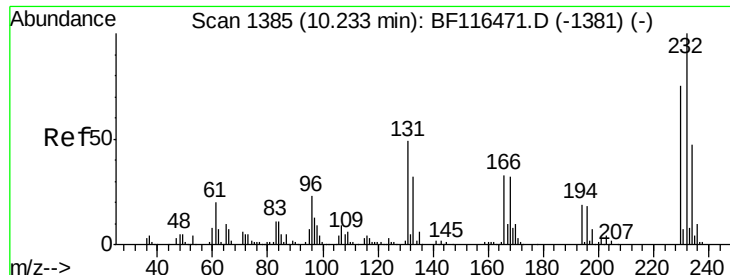
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

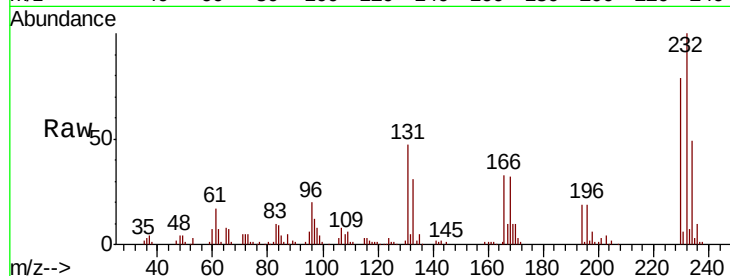




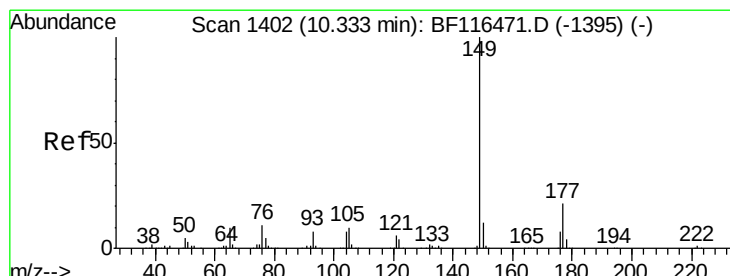
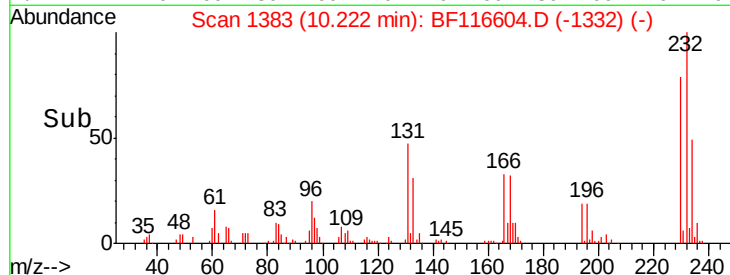
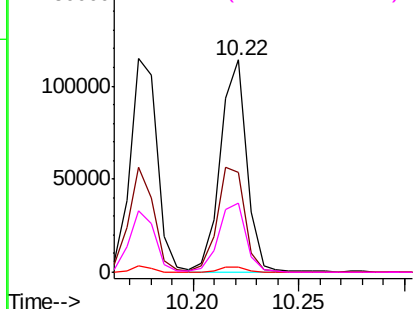
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.500 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	98552
Ion	Ratio	Lower	Upper
232	100		
131	52.2	37.7	56.5
130	2.6	1.8	2.6
166	33.9	25.5	38.3

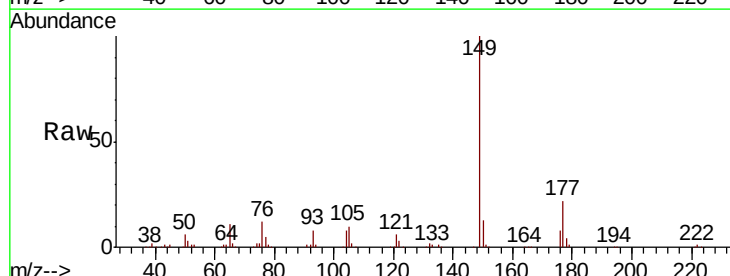


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

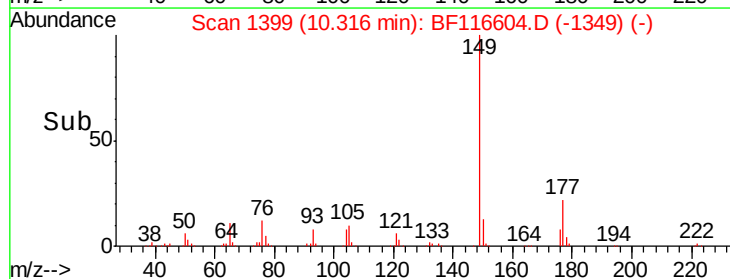
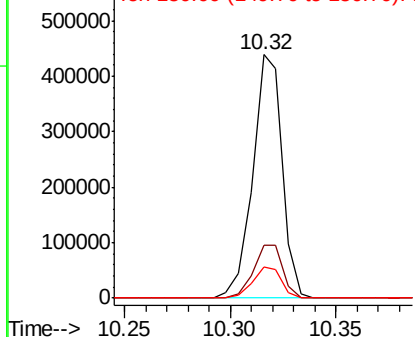


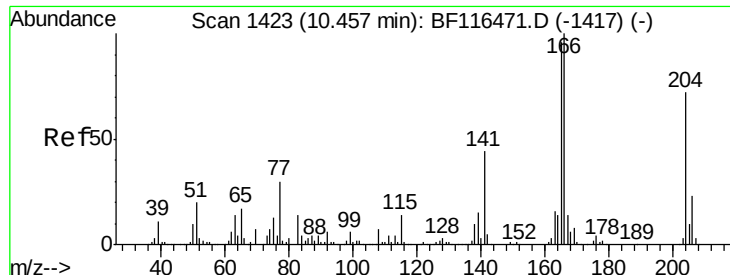
#60
 Diethylphthalate
 Concen: 42.002 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:	149	Resp:	424559
Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.2	27.4
150	12.8	10.1	15.1



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

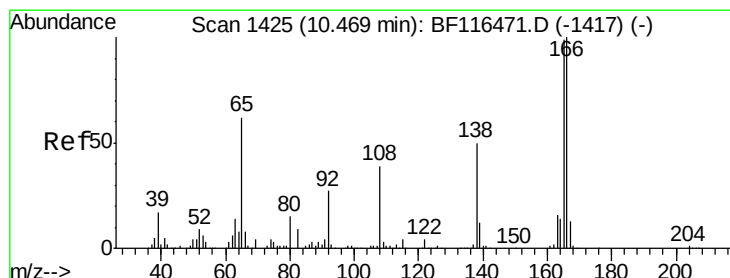
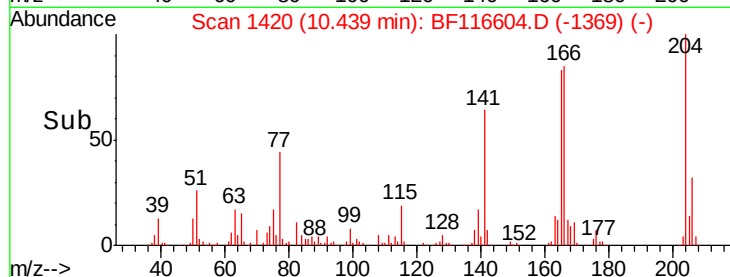
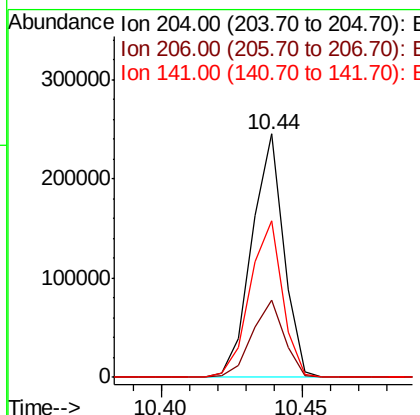
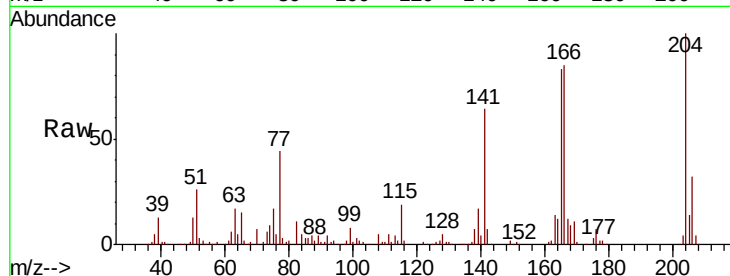




#61
 4-Chlorophenyl-phenylether
 Concen: 42.363 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

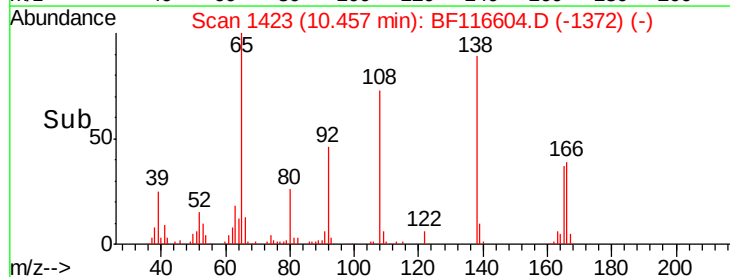
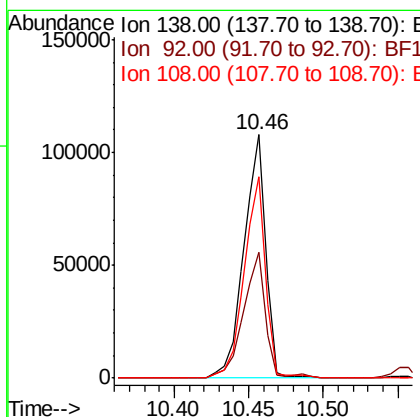
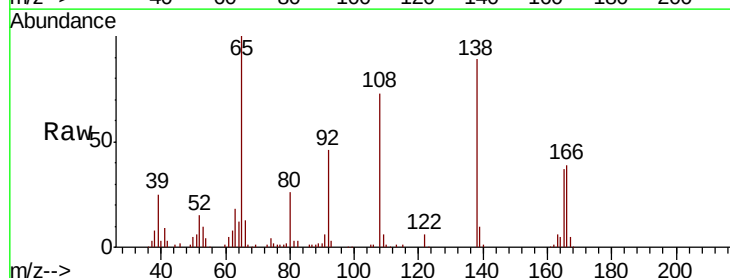
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

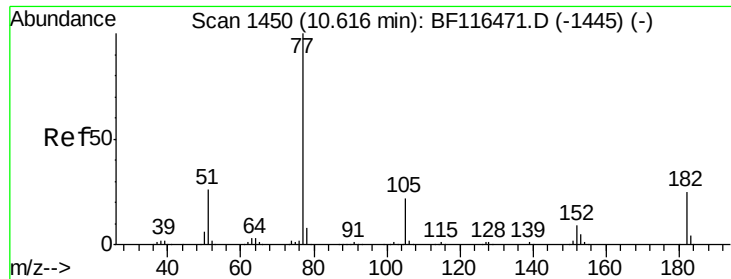
Tot Ion:204 Resp: 191980
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.0 39.0
 141 64.4 47.9 71.9



#62
 4-Nitroaniline
 Concen: 44.402 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:138 Resp: 108965
 Ion Ratio Lower Upper
 138 100
 92 51.5 28.9 68.9
 108 82.5 49.3 89.3

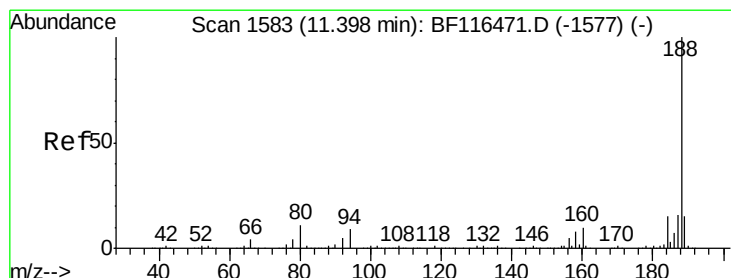
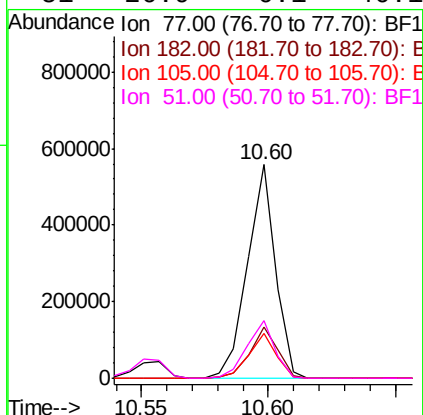
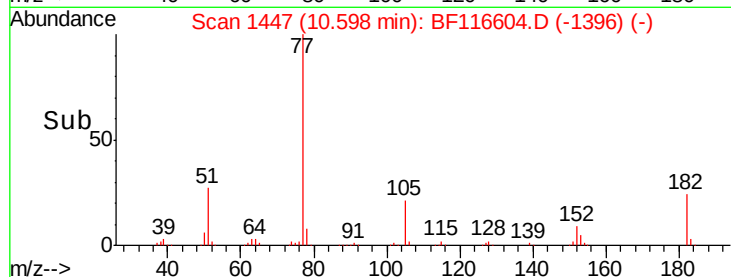
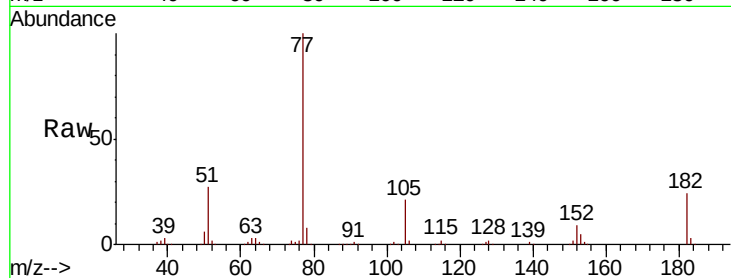




#63
Azobenzene
Concen: 41.236 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

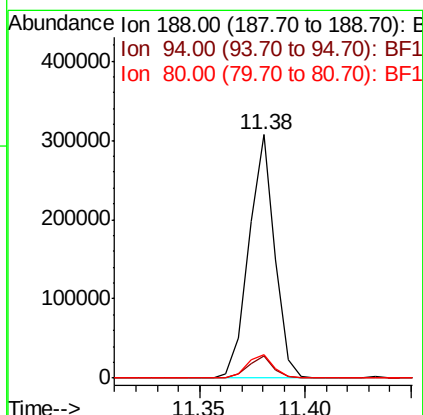
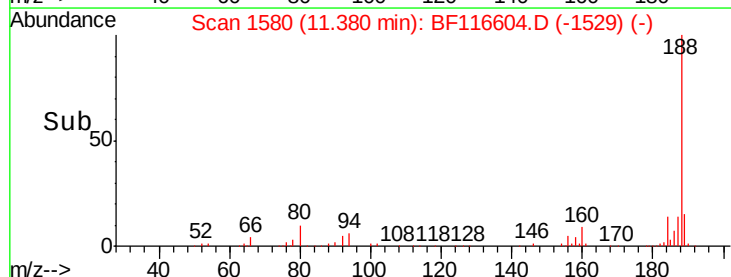
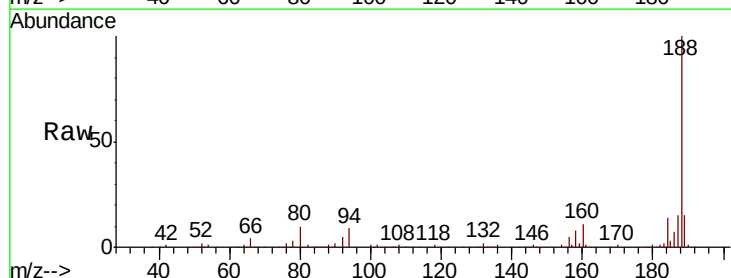
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

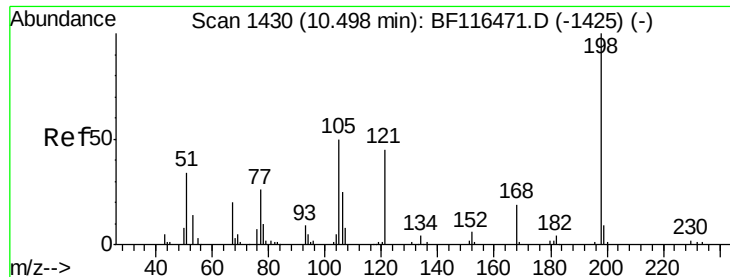
Tot Ion:	77	Resp:	428561
Ion	Ratio	Lower	Upper
77	100		
182	23.9	3.8	43.8
105	21.3	1.6	41.6
51	26.9	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:	188	Resp:	259724
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.4
80	9.8	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 56.305 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

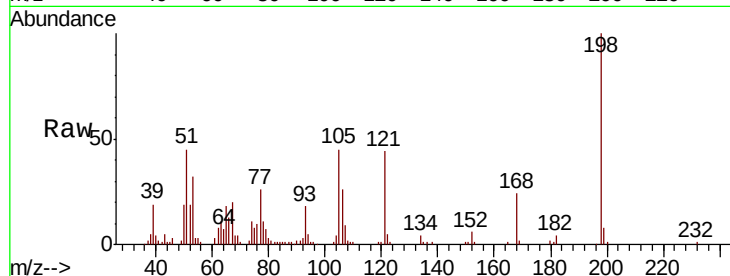
Tot Ion:198 Resp: 53426

Ion Ratio Lower Upper

198 100

51 44.9 21.9 61.9

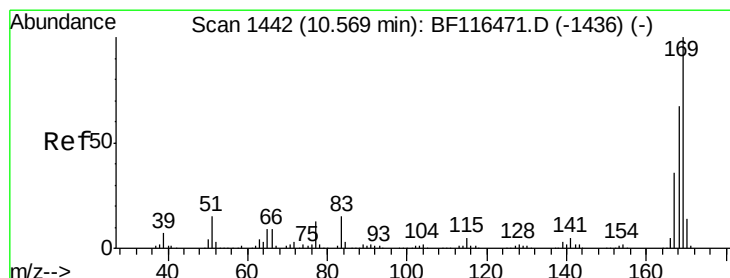
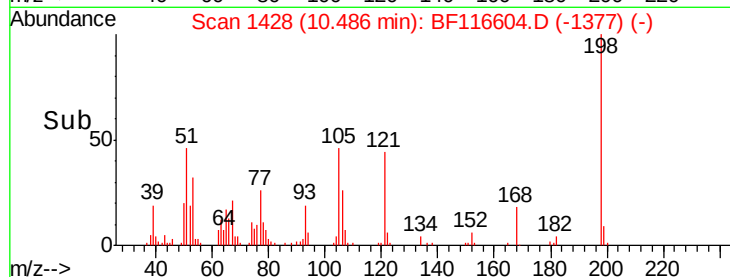
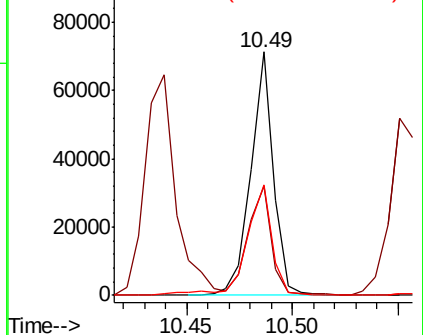
105 45.4 25.2 65.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.269 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

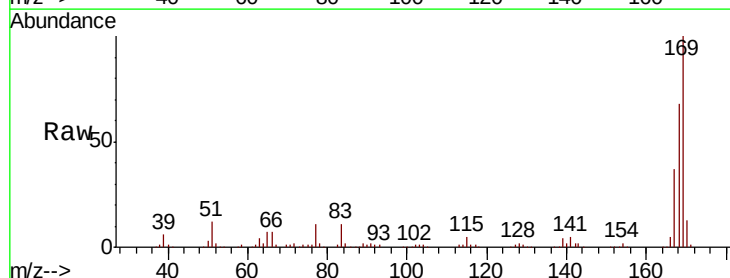
Tgt Ion:169 Resp: 338655

Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.8

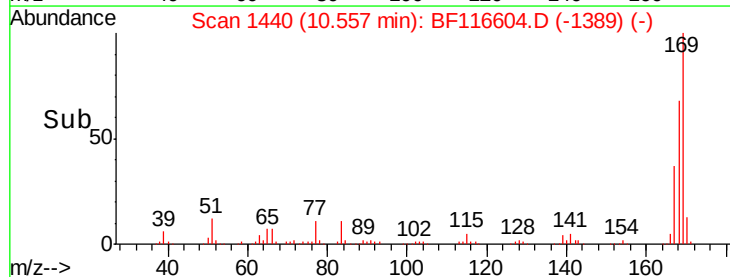
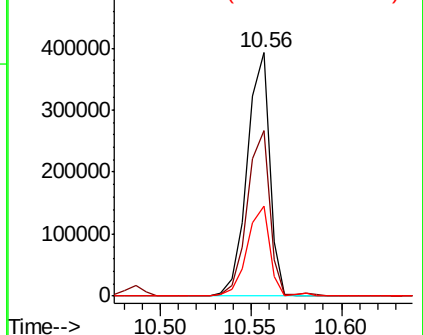
167 36.8 29.3 43.9

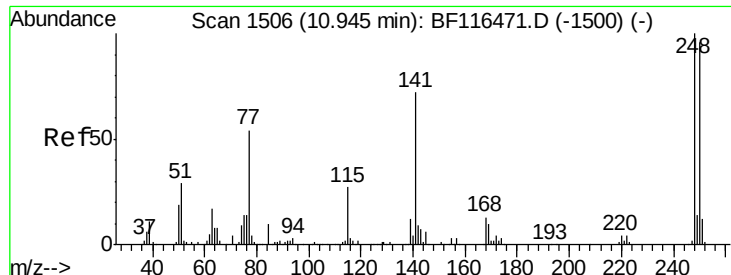


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

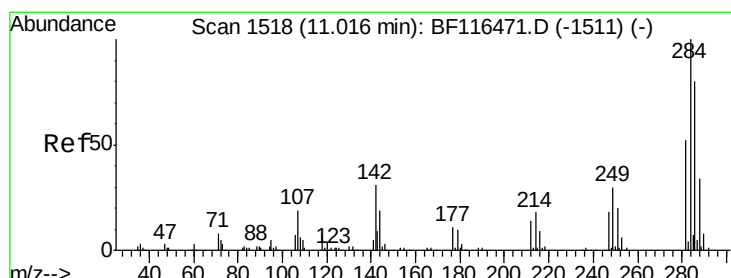
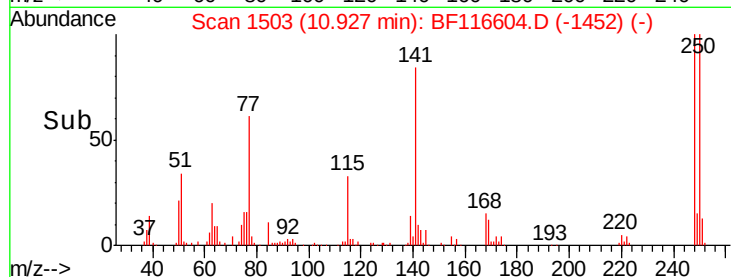
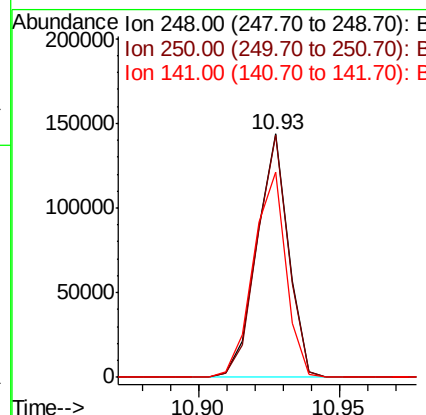
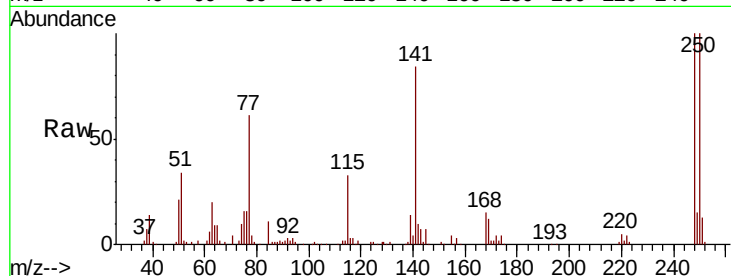




#67
 4-Bromophenyl-phenylether
 Concen: 40.952 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

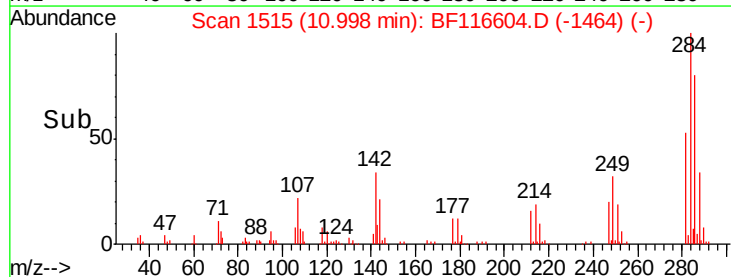
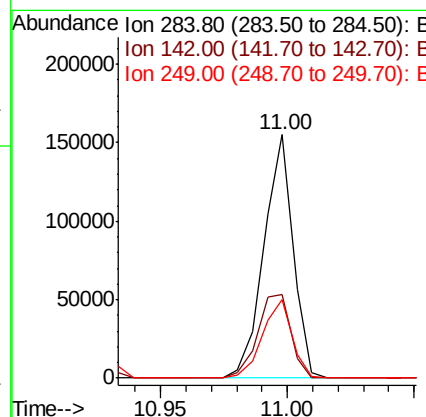
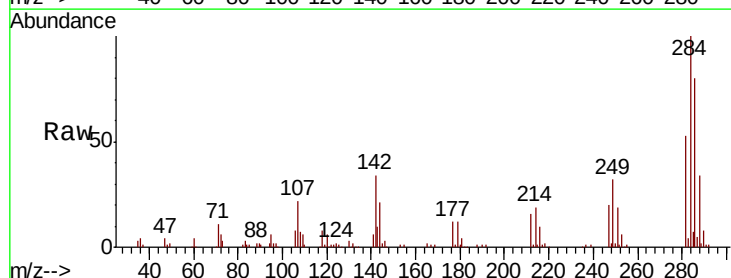
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

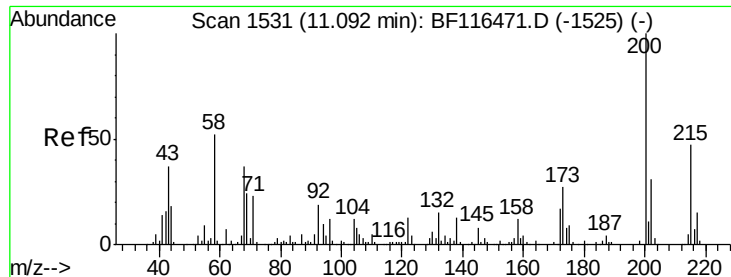
Tot Ion:248 Resp: 111510
 Ion Ratio Lower Upper
 248 100
 250 99.7 76.6 115.0
 141 84.4 60.8 91.2



#68
 Hexachlorobenzene
 Concen: 41.554 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:284 Resp: 125146
 Ion Ratio Lower Upper
 284 100
 142 34.4 27.8 41.8
 249 32.2 24.2 36.4

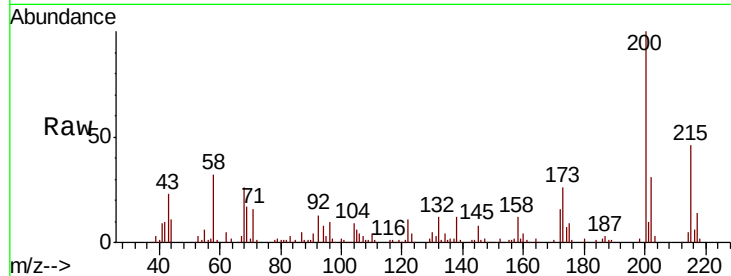




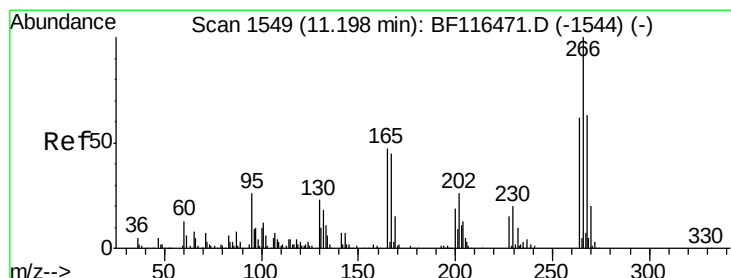
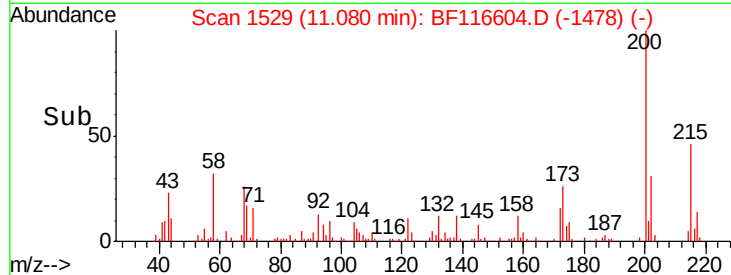
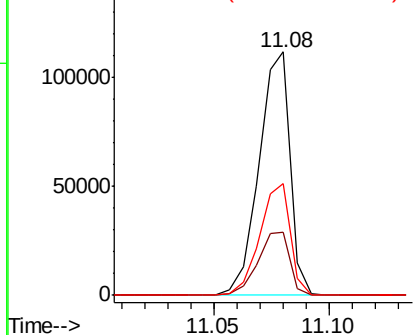
#69
 Atrazine
 Concen: 41.497 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.8	46.8
215	45.9	28.5	68.5

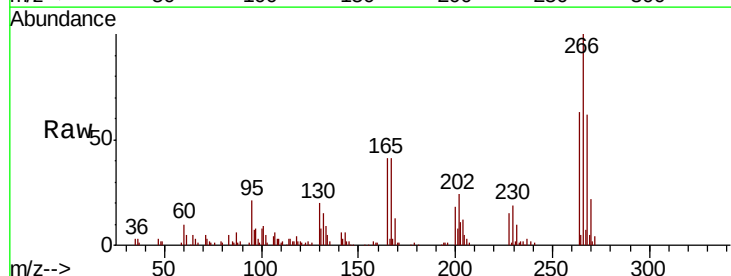


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

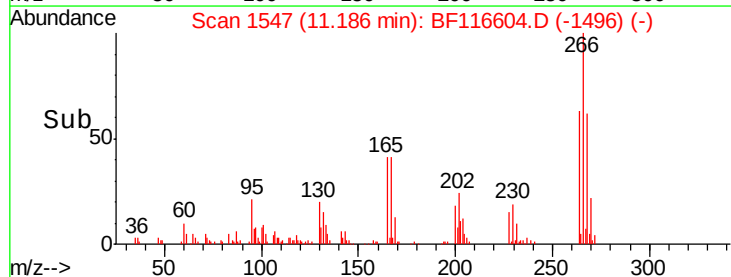
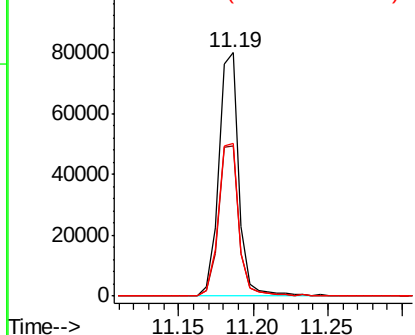


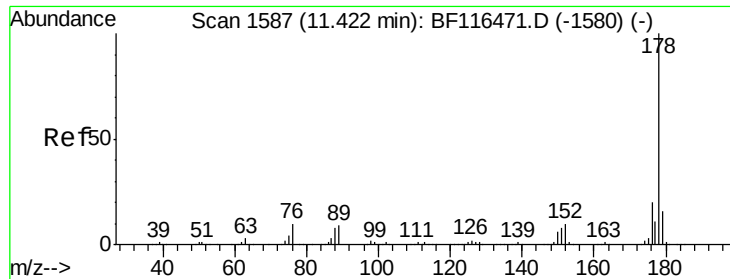
#70
 Pentachlorophenol
 Concen: 43.189 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	49.8	74.8
264	62.7	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: 41.625 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

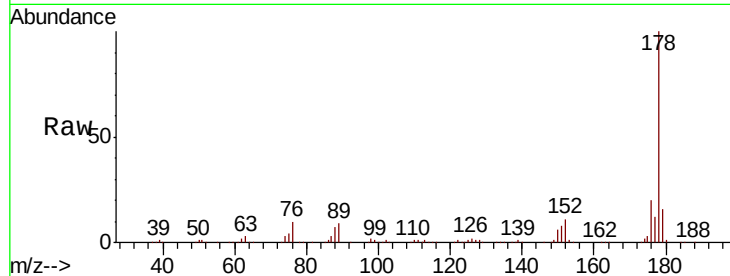
Tot Ion:178 Resp: 588933

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

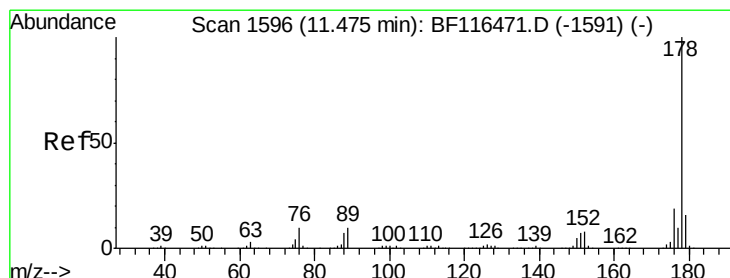
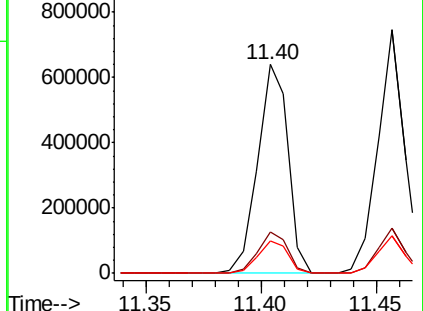
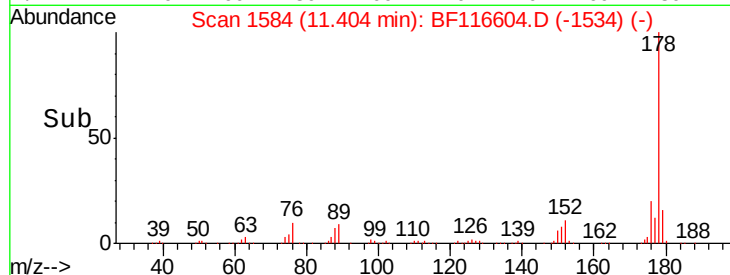
179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.248 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

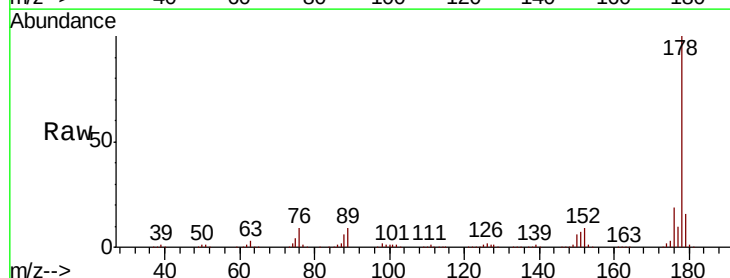
Tgt Ion:178 Resp: 586441

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

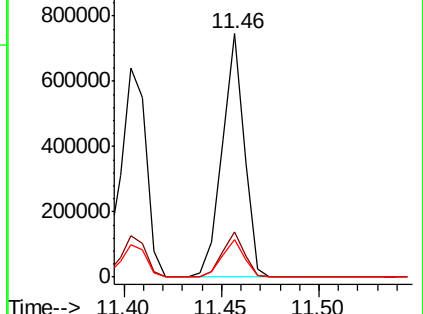
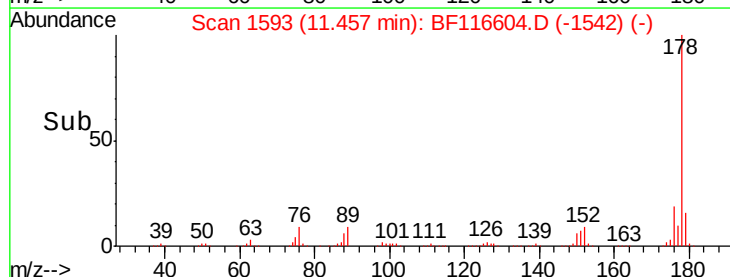
179 15.6 12.7 19.1

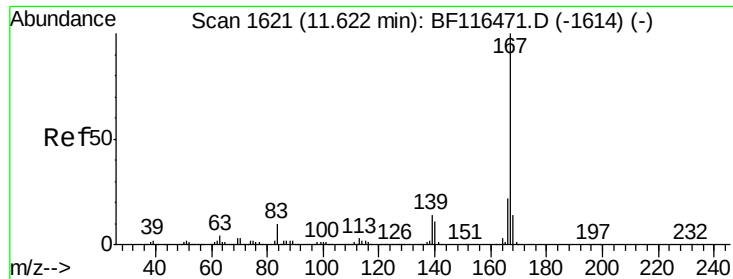


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

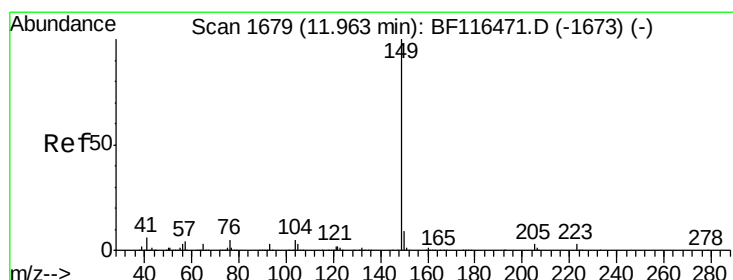
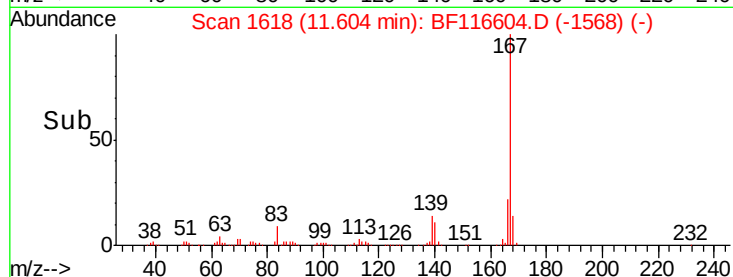
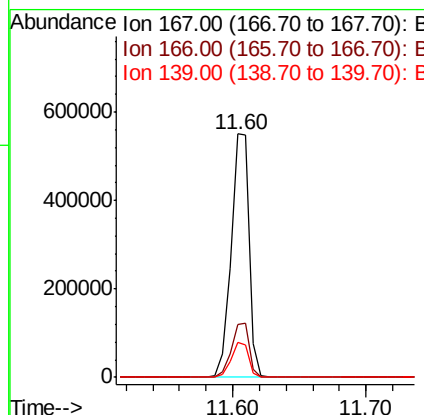
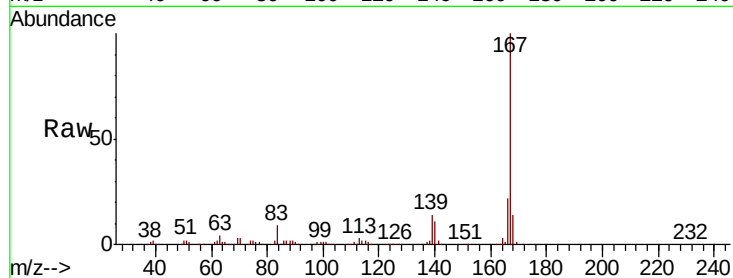




#73
 Carbazole
 Concen: 41.295 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

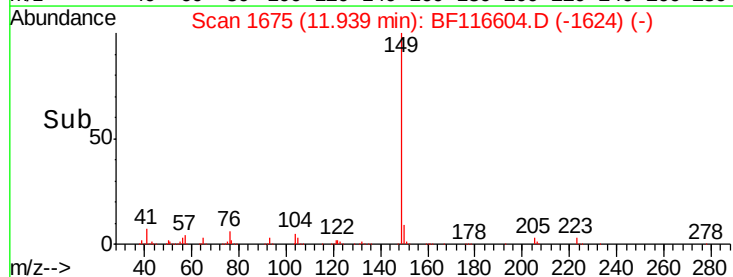
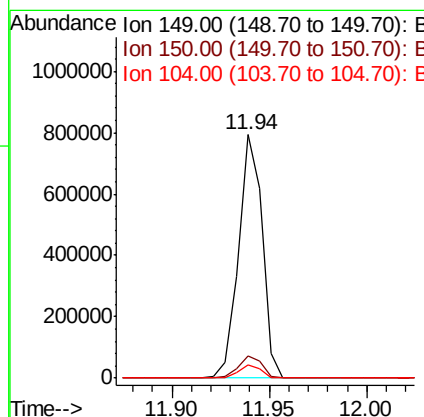
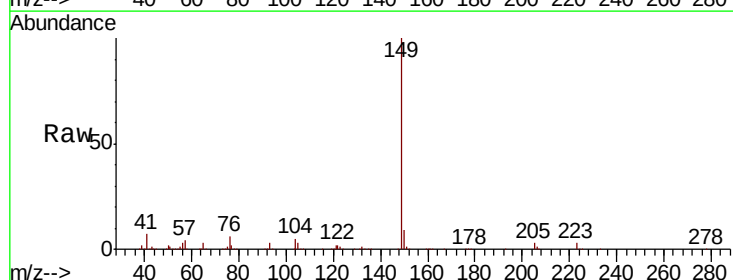
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

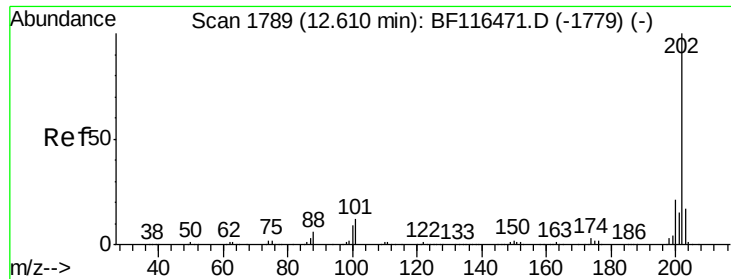
Tot Ion:167 Resp: 527001
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 14.2 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.030 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:149 Resp: 664666
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.5 4.2 6.4

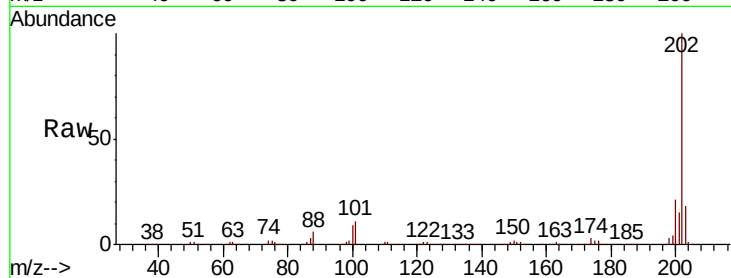




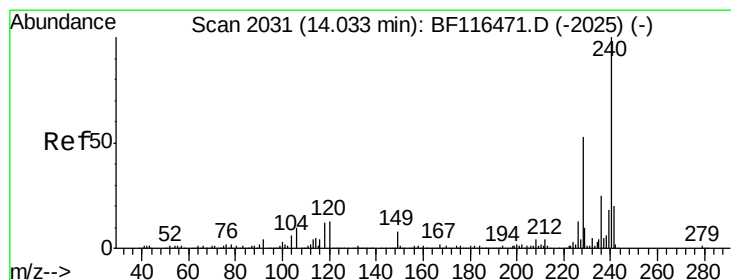
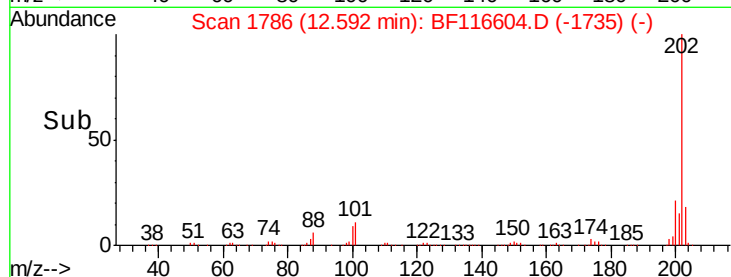
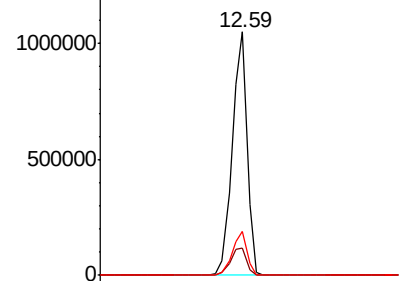
#75
Fluoranthene
Concen: 63.633 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.8
203	17.9	0.0	37.1

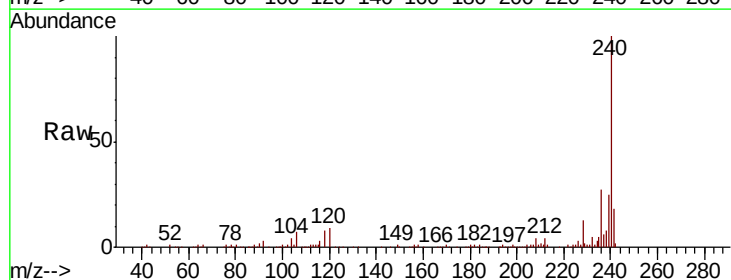


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

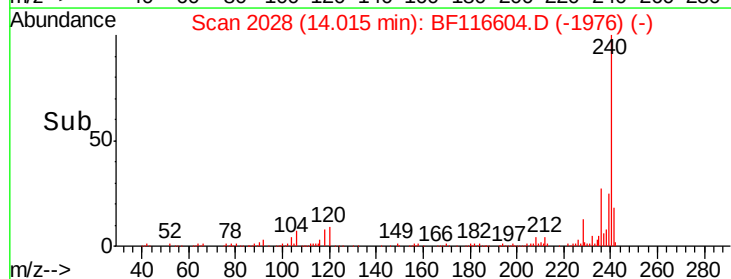
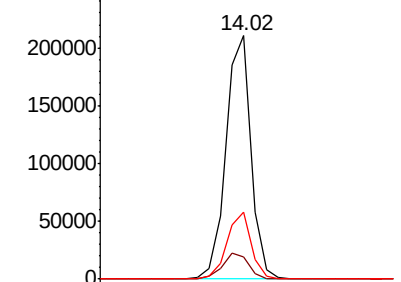


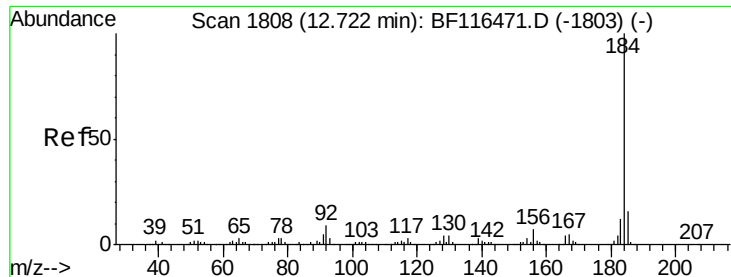
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	11.3	16.9#
236	27.4	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.621 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

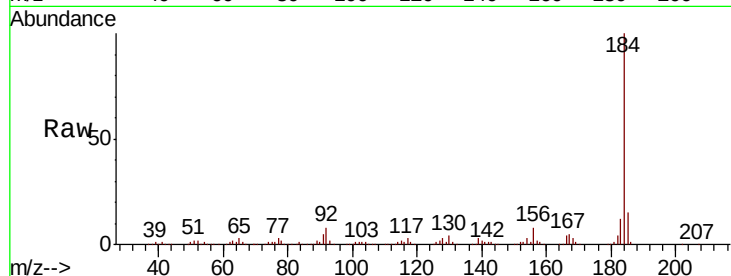
Tot Ion:184 Resp: 454177

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

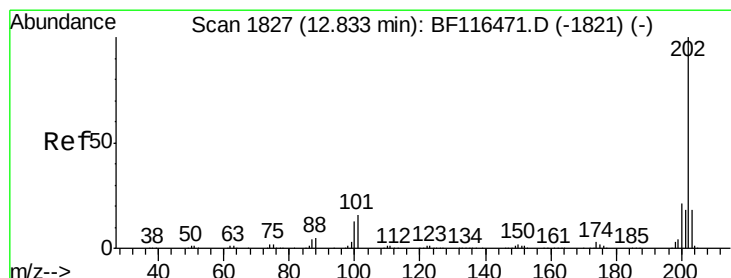
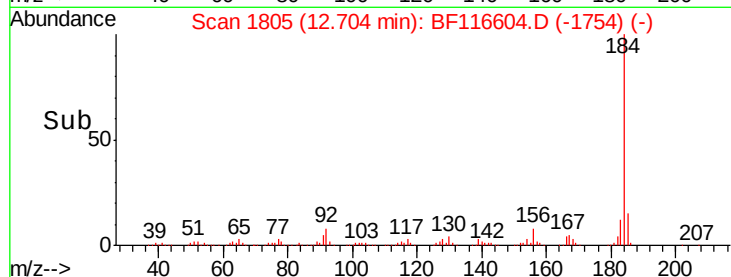
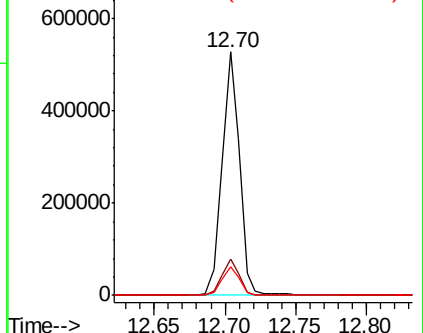
183 11.9 9.3 13.9



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: 59.677 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

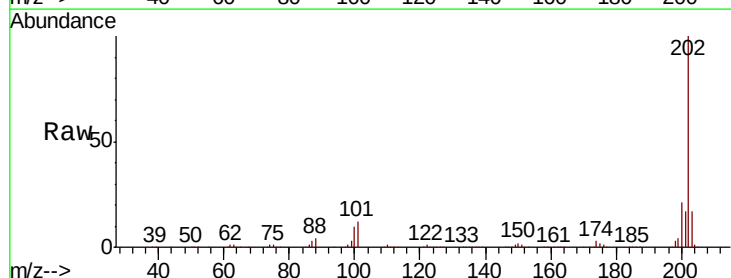
Tgt Ion:202 Resp: 888701

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.0

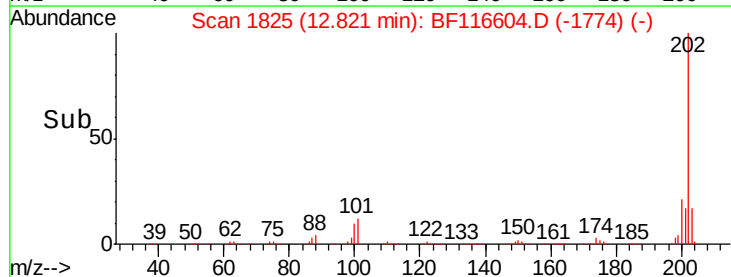
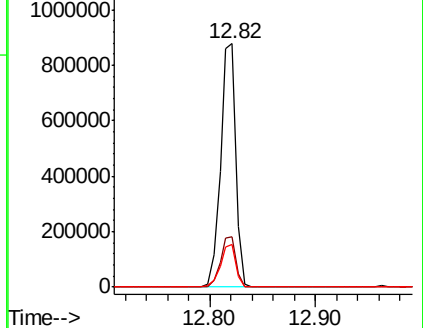
203 17.4 14.2 21.4

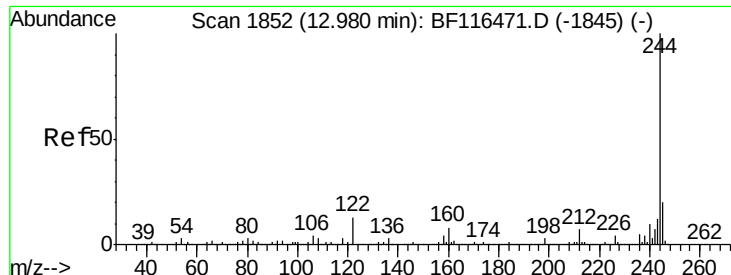


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

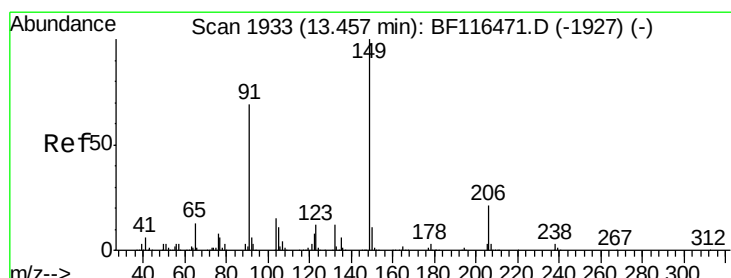
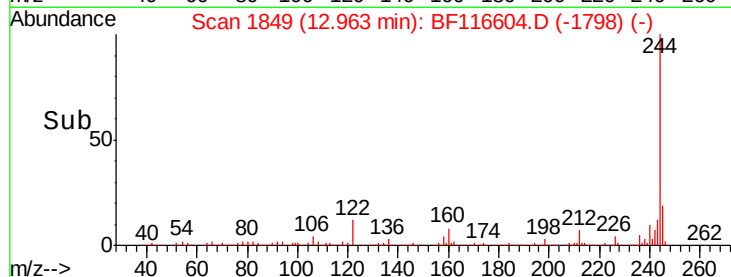
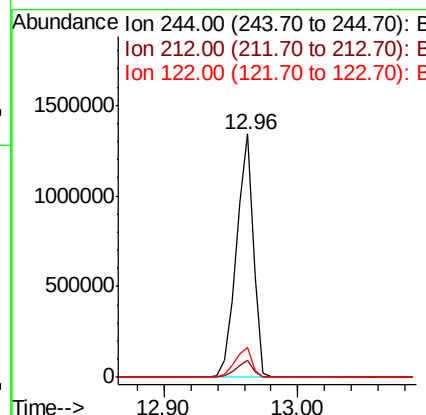
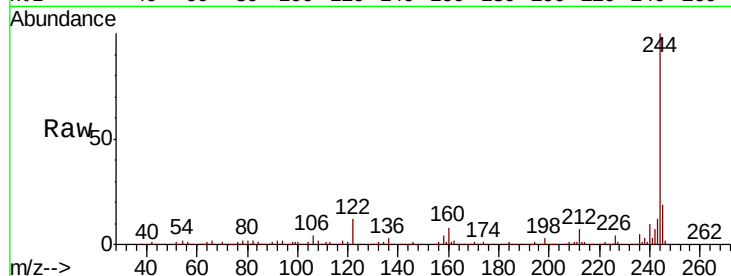




#79
 Terphenyl-d14
 Concen: 121.107 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

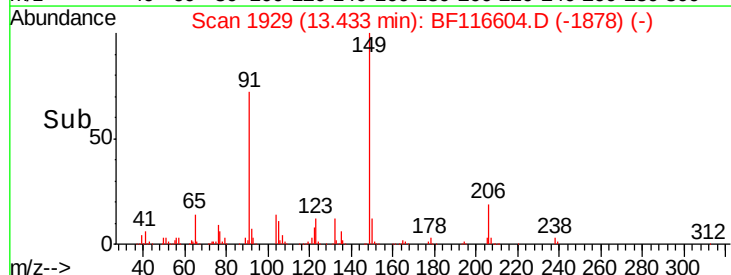
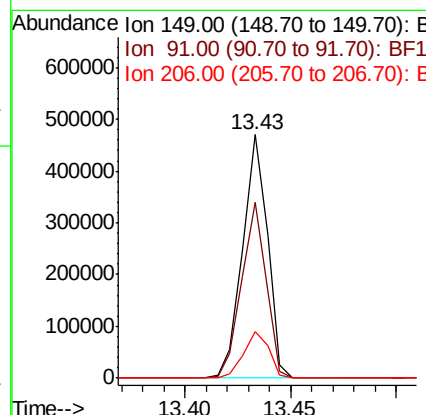
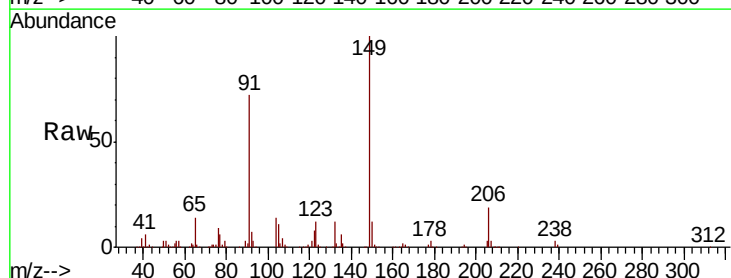
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

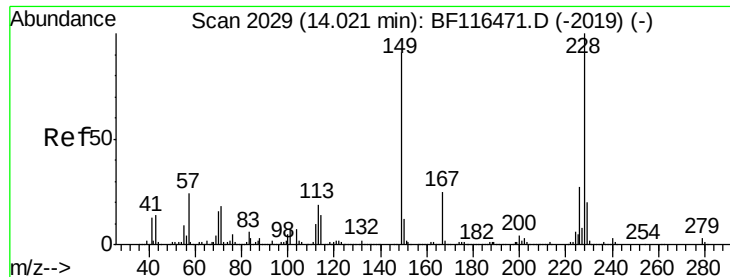
Tot Ion:244 Resp: 1207330
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 59.147 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF116604.D
 Acq: 28 Aug 2019 8:57

Tgt Ion:149 Resp: 380389
 Ion Ratio Lower Upper
 149 100
 91 72.3 57.9 86.9
 206 19.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 42.248 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

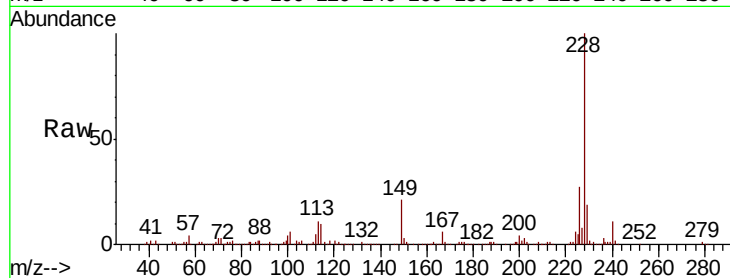
Tot Ion:228 Resp: 509534

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

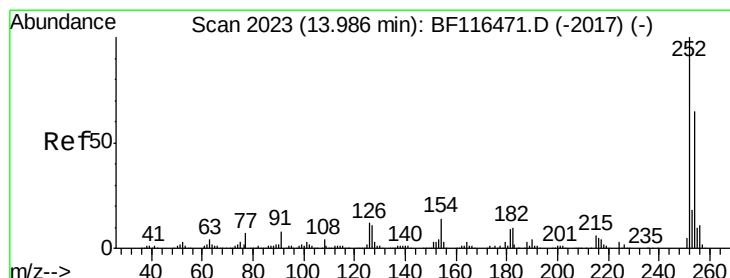
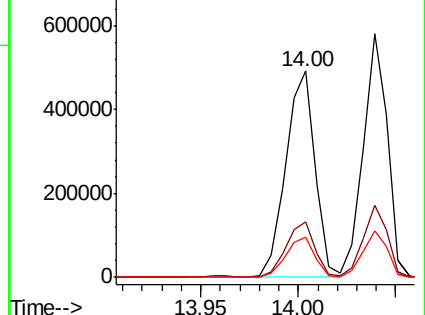
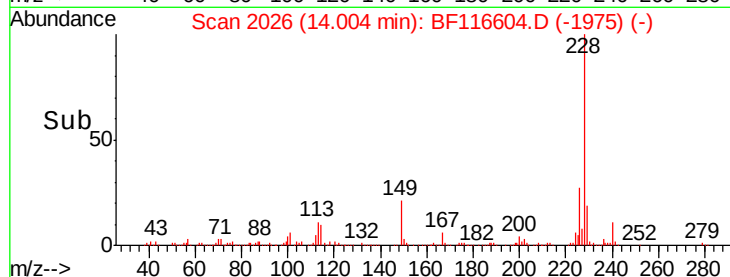
229 19.4 15.4 23.0



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: 40.635 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

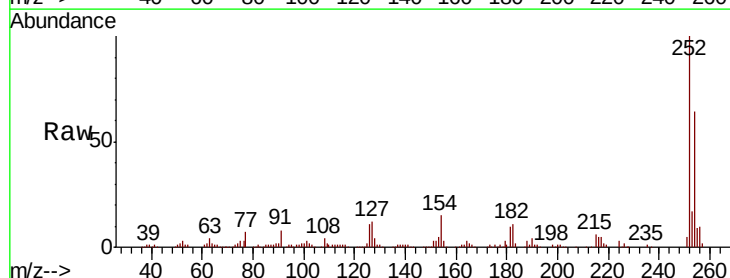
Tgt Ion:252 Resp: 174645

Ion Ratio Lower Upper

252 100

254 63.6 51.9 77.9

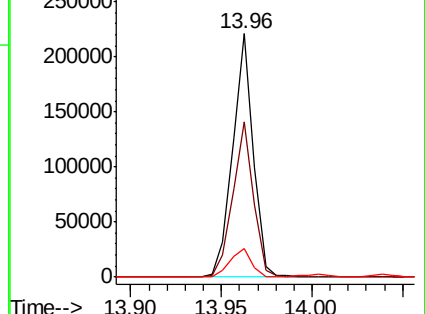
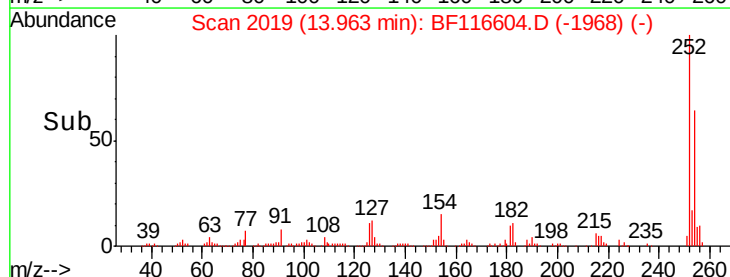
126 11.5 8.7 13.1

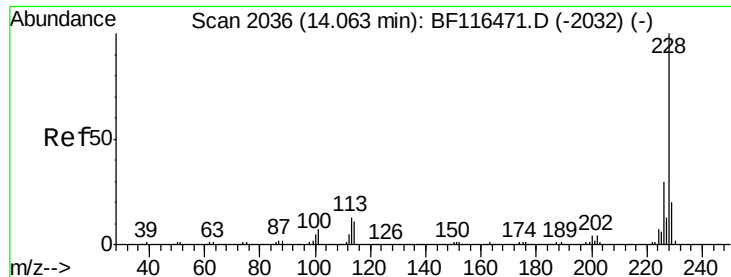


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.313 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

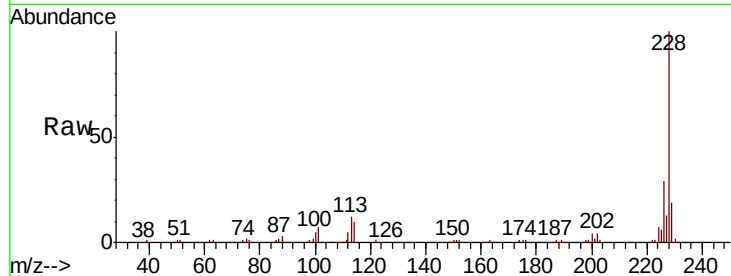
Tot Ion:228 Resp: 492787

Ion Ratio Lower Upper

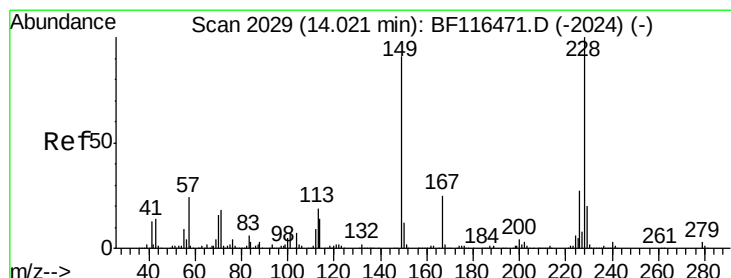
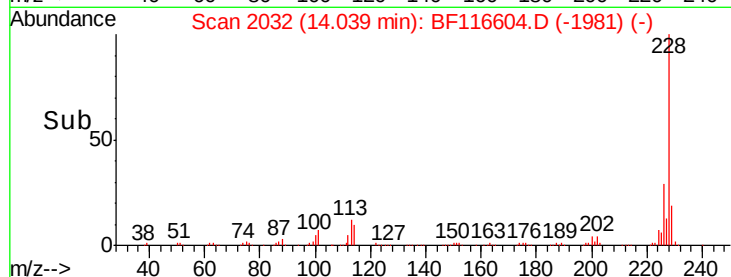
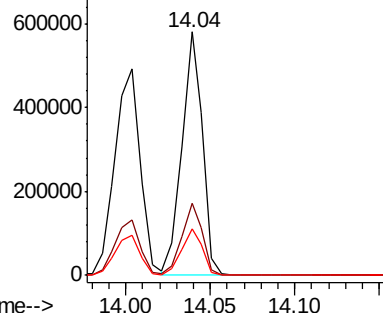
228 100

226 29.4 24.0 36.0

229 19.3 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.972 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF116604.D

Acq: 28 Aug 2019 8:57

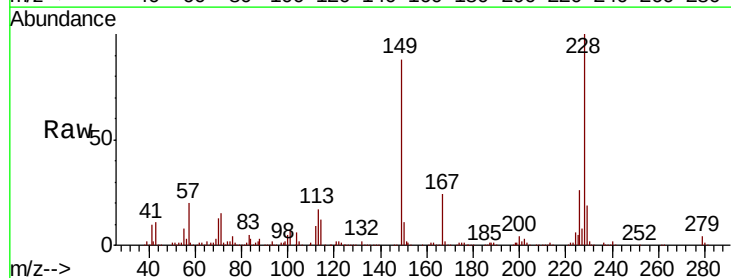
Tgt Ion:149 Resp: 351365

Ion Ratio Lower Upper

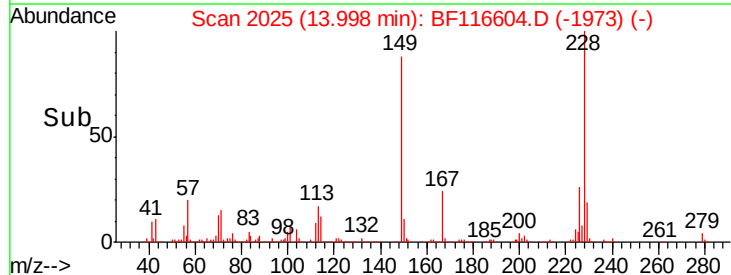
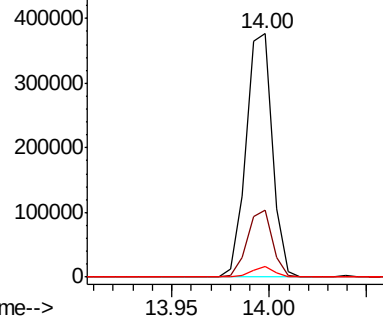
149 100

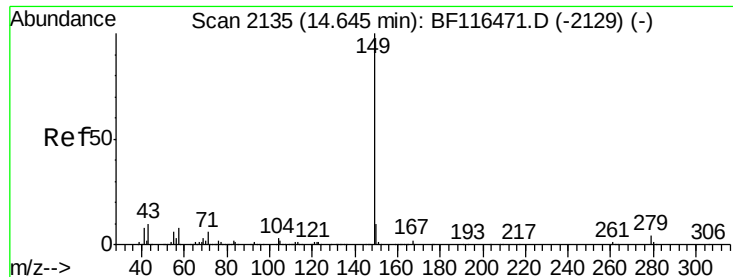
167 27.5 21.2 31.8

279 4.3 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

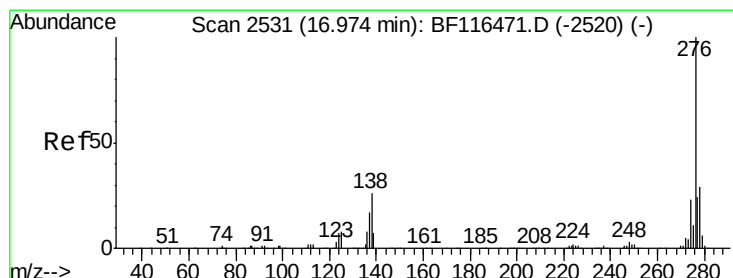
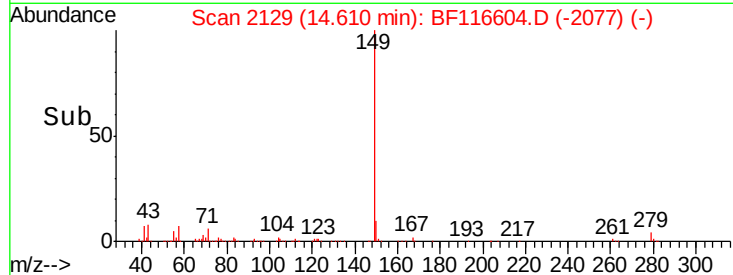
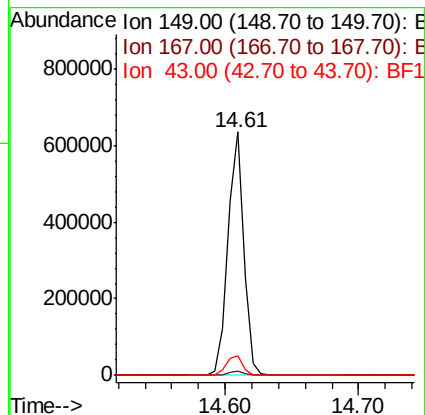
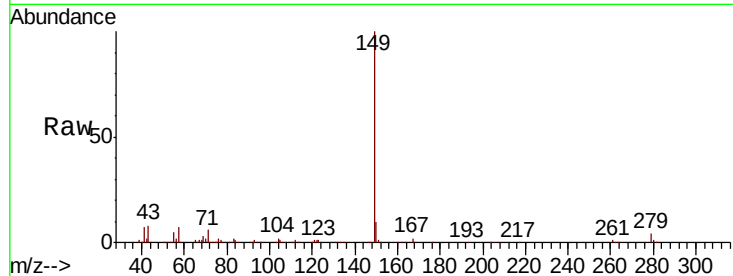




#85
Di-n-octyl phthalate
Concen: 36.858 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

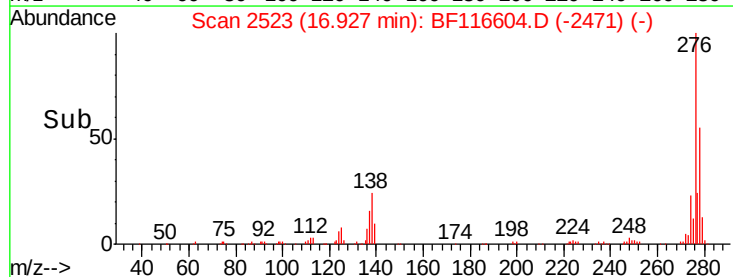
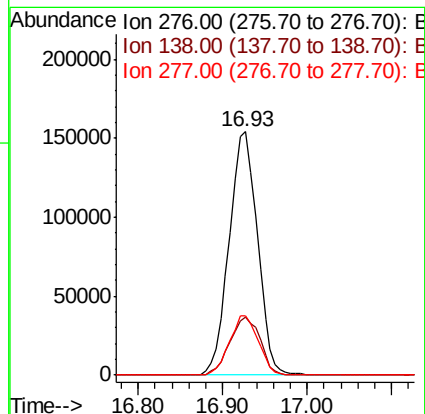
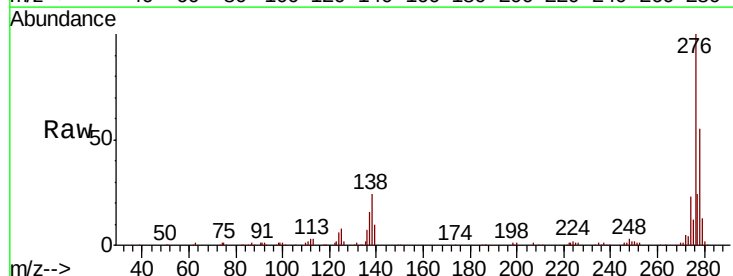
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

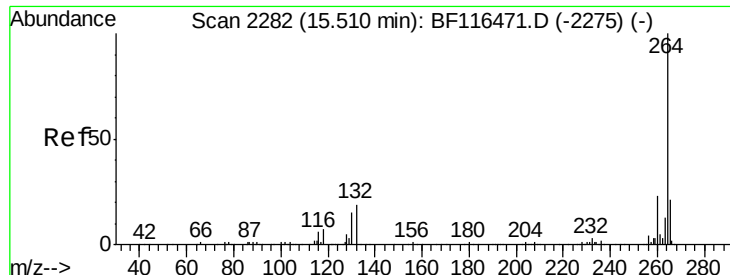
Tot Ion:149	Resp:	536621
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.2 1.8
43	8.8	7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.040 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:276	Resp:	356447
Ion Ratio	Lower	Upper
276	100	
138	25.6	21.5 32.3
277	25.1	20.0 30.0

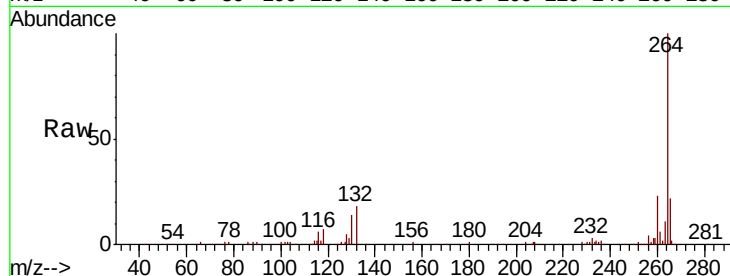




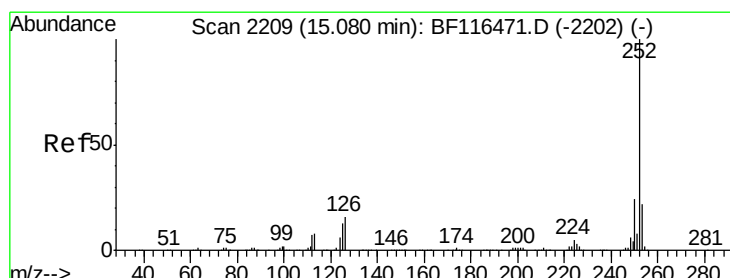
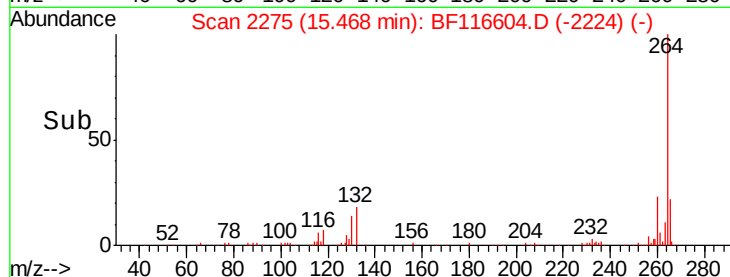
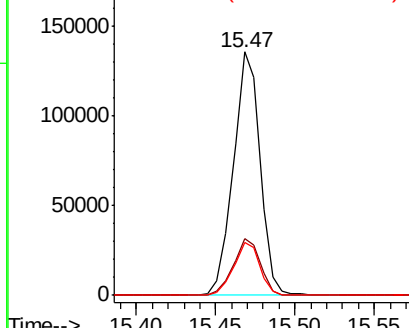
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 158690
Ion Ratio Lower Upper
264 100
260 23.5 20.0 30.0
265 21.5 17.6 26.4

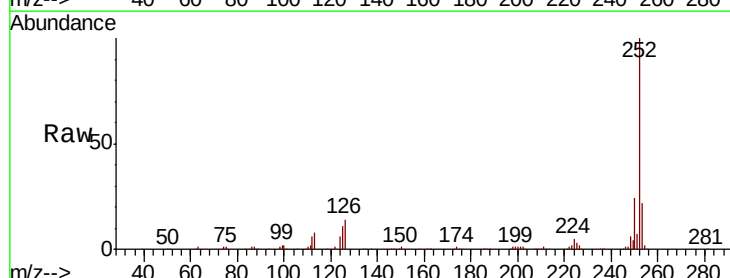


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

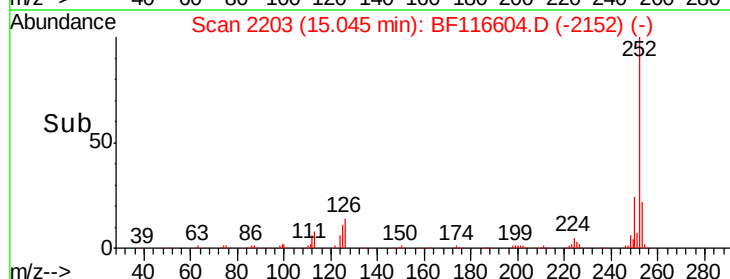
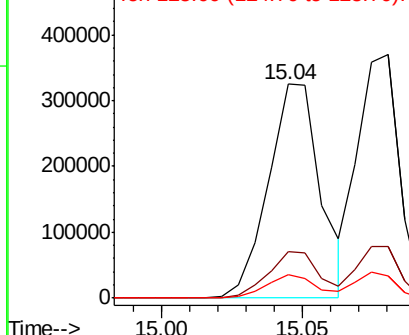


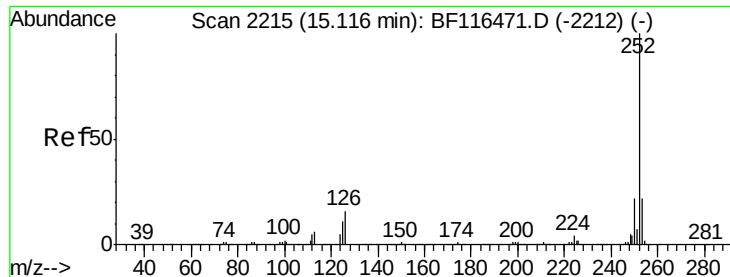
#88
Benzo(b)fluoranthene
Concen: 42.622 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:252 Resp: 417830
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.1 9.0 13.6



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

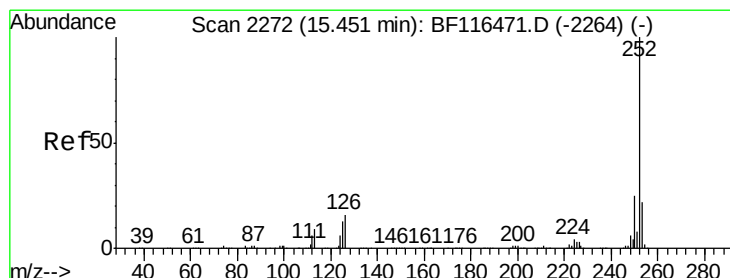
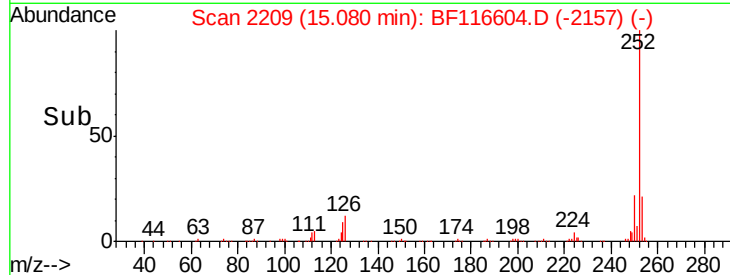
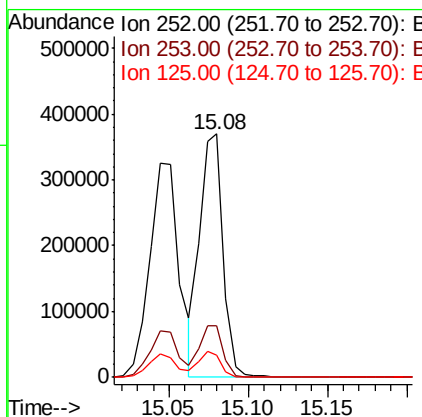
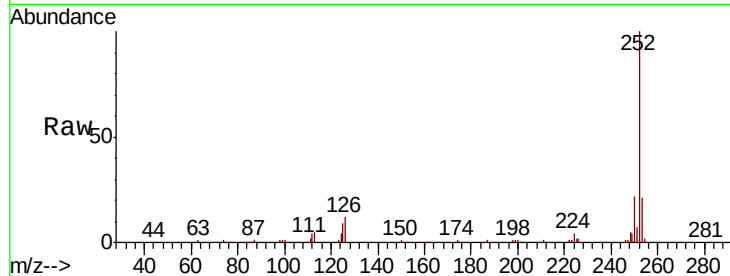




#89
Benzo(k)fluoranthene
Concen: 42.815 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

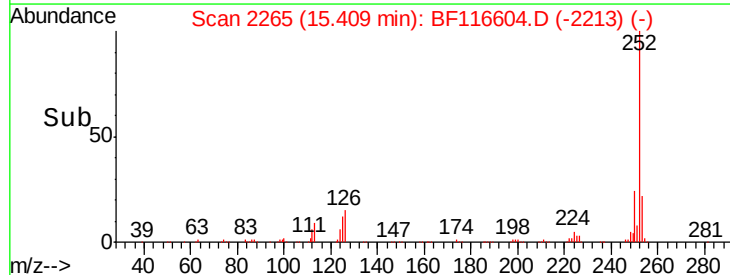
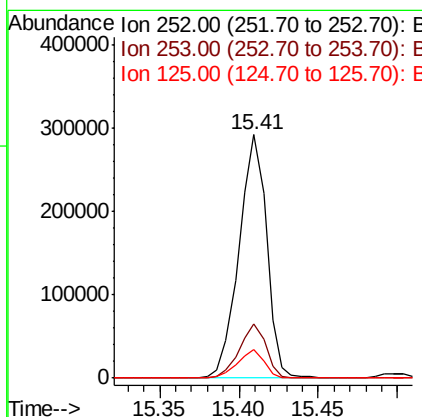
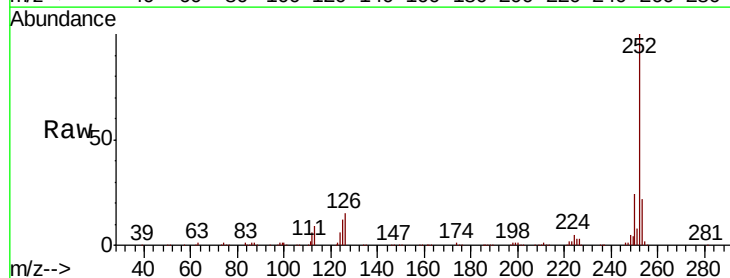
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

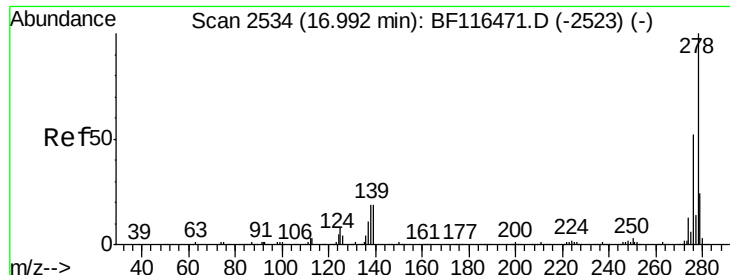
Tot Ion:252 Resp: 380249
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.832 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion:252 Resp: 353771
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.5 10.6 16.0

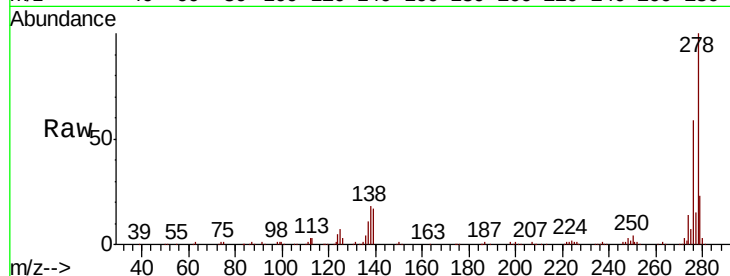




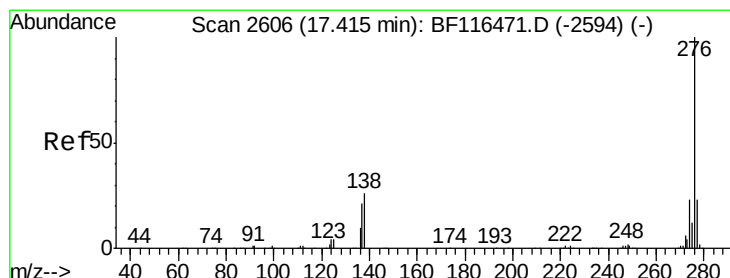
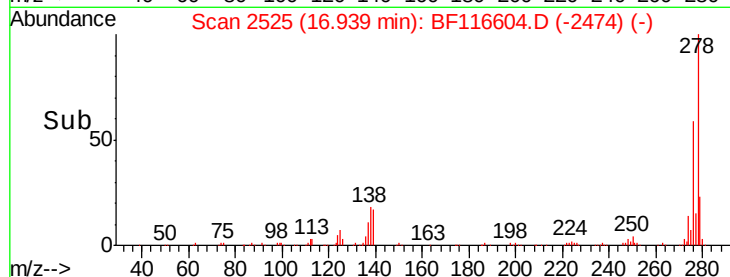
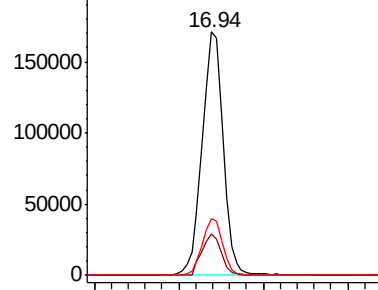
#91
Dibenzo(a,h)anthracene
Concen: 41.272 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.1	21.1
279	23.2	19.5	29.3

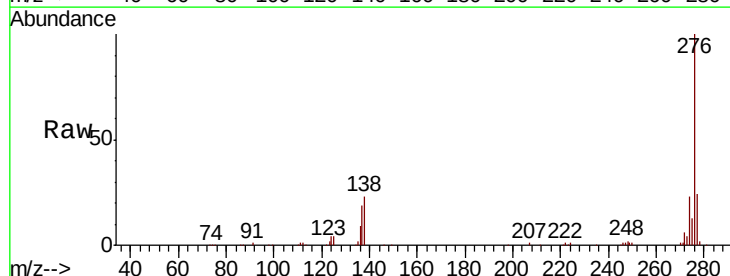


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.214 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BF116604.D
Acq: 28 Aug 2019 8:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	23.3	18.2	27.2



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

