

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116470.D
 Acq On : 23 Aug 2019 10:40
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 23 12:30:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 12:15:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125831	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	512508	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	272038	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	481655	20.00	ng	0.00
76) Chrysene-d12	14.03	240	383472	20.00	ng	0.00
87) Perylene-d12	15.50	264	415176	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	344095	45.78	ng	0.00
7) Phenol-d6	6.50	99	437122	46.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	376044	42.35	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	101996	38.67	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	745895	51.36	ng	0.00
79) Terphenyl-d14	12.97	244	867152	47.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	74282	19.562	ng	99
3) Pyridine	3.42	79	216949	20.453	ng	99
4) n-Nitrosodimethylamine	3.35	42	82887	19.801	ng	98
6) Aniline	6.54	93	291773	21.483	ng	99
8) 2-Chlorophenol	6.66	128	180667	21.736	ng	98
9) Benzaldehyde	6.43	77	155569	23.775	ng	96
10) Phenol	6.51	94	224977	20.145	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	180515	21.986	ng	99
12) 1,3-Dichlorobenzene	6.82	146	205227	21.365	ng	98
13) 1,4-Dichlorobenzene	6.90	146	206556	21.476	ng	99
14) 1,2-Dichlorobenzene	7.05	146	196031	22.135	ng	97
15) Benzyl Alcohol	7.01	79	170117	23.637	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	246015	21.967	ng	99
17) 2-Methylphenol	7.12	107	155542	22.100	ng	99
18) Hexachloroethane	7.40	117	75425	21.300	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	140572	23.920	ng	98
20) 3+4-Methylphenols	7.27	107	199790	23.989	ng	94
22) Acetophenone	7.29	105	274494	24.421	ng	# 93
24) Nitrobenzene	7.46	77	197224	20.572	ng	99
25) Isophorone	7.70	82	367759	21.662	ng	98
26) 2-Nitrophenol	7.77	139	64898	14.361	ng	96
27) 2,4-Dimethylphenol	7.80	122	147172	21.646	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	232335	22.079	ng	99
29) 2,4-Dichlorophenol	8.01	162	146427	20.397	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	174490	21.323	ng	99
31) Naphthalene	8.19	128	541308	22.445	ng	99
32) Benzoic acid	7.89	122	88945	18.555	ng	97
33) 4-Chloroaniline	8.22	127	235984	21.899	ng	99
34) Hexachlorobutadiene	8.31	225	96253	20.421	ng	97
35) Caprolactam	8.57	113	48935	21.076	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	160123	21.441	ng	96
37) 2-Methylnaphthalene	8.87	142	362188	22.803	ng	99
38) 1-Methylnaphthalene	8.97	142	336474	22.392	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	158539	21.799	ng	100

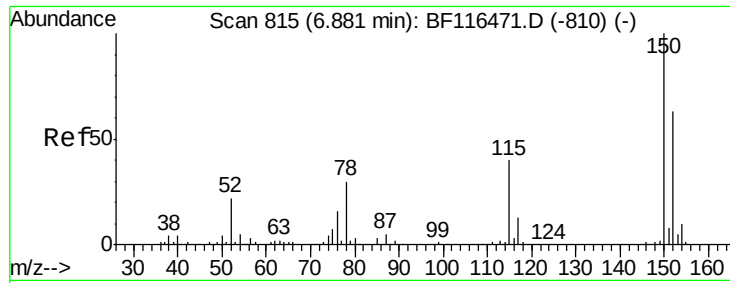
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116470.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	80780	28.416	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	106290	21.233	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	107539	20.782	ng	96
46) 1,1'-Biphenyl	9.33	154	465431	24.234	ng	98
47) 2-Chloronaphthalene	9.36	162	354582	22.182	ng	99
48) 2-Nitroaniline	9.45	65	95998	18.169	ng	95
49) Acenaphthylene	9.77	152	531589	22.795	ng	99
50) Dimethylphthalate	9.63	163	403588	21.789	ng	100
51) 2,6-Dinitrotoluene	9.69	165	78661	19.542	ng	95
52) Acenaphthene	9.95	154	333031	23.278	ng	100
53) 3-Nitroaniline	9.85	138	94046	18.908	ng	98
54) 2,4-Dinitrophenol	9.96	184	18935	11.078	ng	# 43
55) Dibenzofuran	10.12	168	472381	22.704	ng	99
56) 4-Nitrophenol	10.00	139	71465	22.429	ng	95
57) 2,4-Dinitrotoluene	10.09	165	94033	17.546	ng	99
58) Fluorene	10.46	166	366527	22.897	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	92930	21.346	ng	98
60) Diethylphthalate	10.33	149	403886	23.355	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	180823	22.305	ng	98
62) 4-Nitroaniline	10.46	138	93674	18.224	ng	95
63) Azobenzene	10.61	77	412516	23.192	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	29549	11.577	ng	97
66) n-Nitrosodiphenylamine	10.57	169	332542	22.938	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	107611	20.871	ng	# 92
68) Hexachlorobenzene	11.01	284	118070	19.803	ng	# 92
69) Atrazine	11.09	200	103857	21.776	ng	98
70) Pentachlorophenol	11.20	266	66782	23.071	ng	98
71) Phenanthrene	11.42	178	578209	23.482	ng	99
72) Anthracene	11.47	178	580026	23.276	ng	99
73) Carbazole	11.62	167	523144	23.139	ng	99
74) Di-n-butylphthalate	11.96	149	646071	24.497	ng	100
75) Fluoranthene	12.60	202	604020	23.432	ng	98
77) Benzidine	12.72	184	346901	26.777	ng	98
78) Pyrene	12.83	202	624175	21.593	ng	99
80) Butylbenzylphthalate	13.45	149	266286	21.777	ng	92
81) Benzo(a)anthracene	14.02	228	544418	22.212	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	192701	22.630	ng	99
83) Chrysene	14.06	228	531165	22.322	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	372757	23.459	ng	99
85) Di-n-octyl phthalate	14.63	149	622323	24.658	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	505025	25.269	ng	100
88) Benzo(b)fluoranthene	15.07	252	501490	20.890	ng	99
89) Benzo(k)fluoranthene	15.10	252	514612	22.009	ng	100
90) Benzo(a)pyrene	15.43	252	467561	21.788	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	410264	22.086	ng	99
92) Benzo(g,h,i)perylene	17.40	276	391859	21.480	ng	99

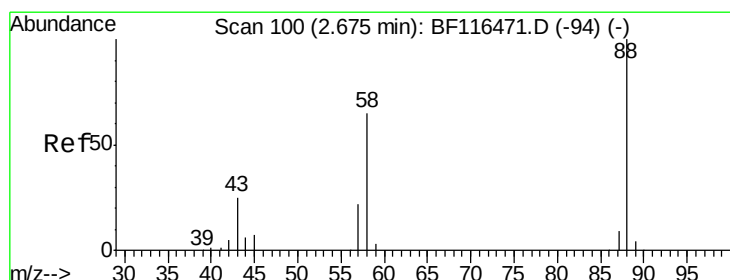
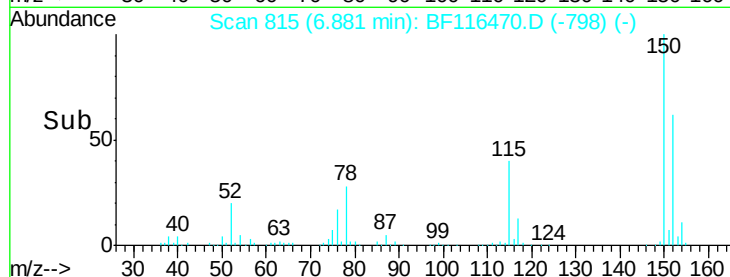
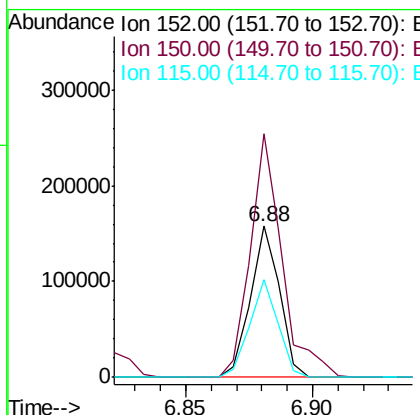
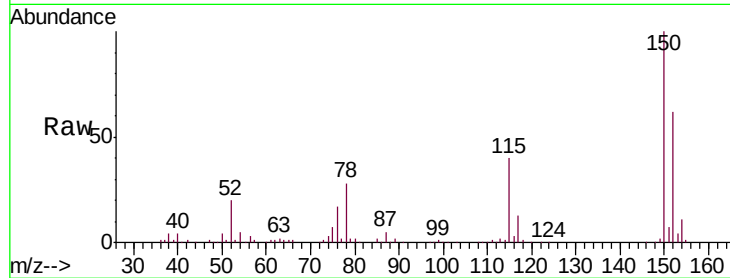
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

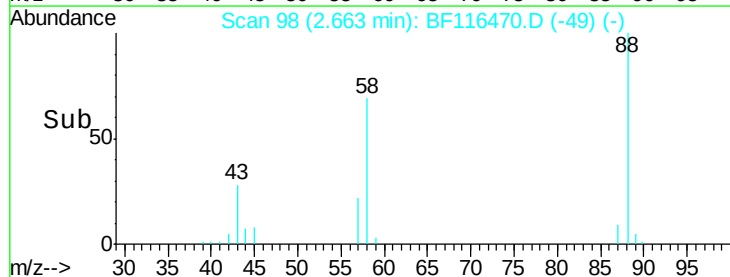
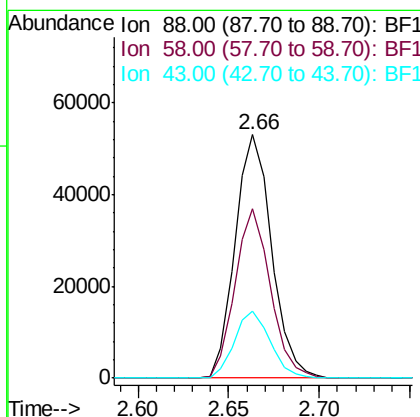
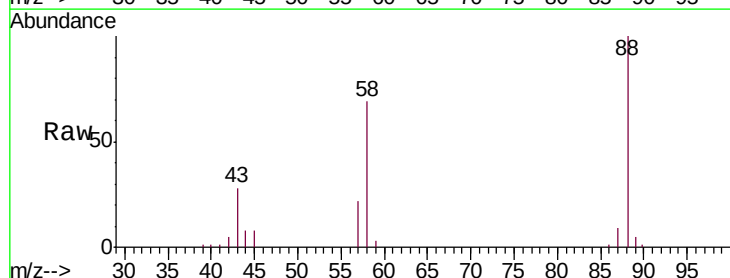
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

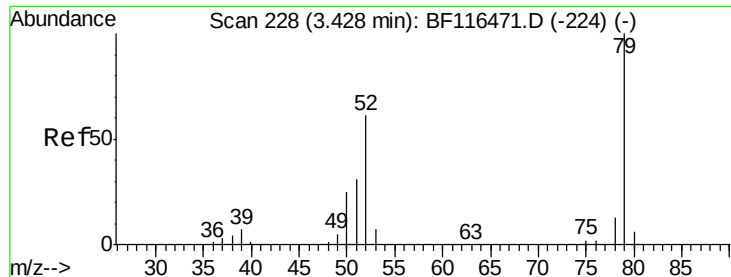
Tgt Ion:152 Resp: 125831
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.7 190.1
 115 65.0 50.9 76.3



#2
 1,4-Dioxane
 Concen: 19.562 ng
 RT: 2.66 min Scan# 98
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion: 88 Resp: 74282
 Ion Ratio Lower Upper
 88 100
 58 67.5 53.4 80.0
 43 26.9 21.2 31.8





#3

Pyridine

Concen: 20.453 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

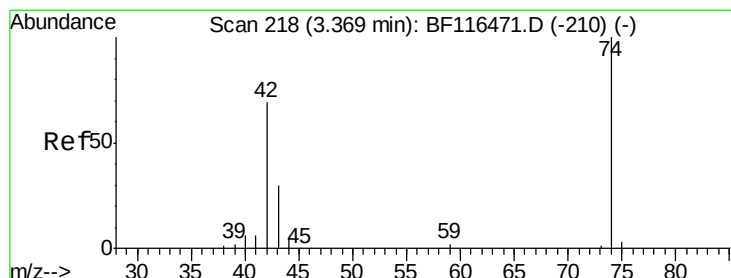
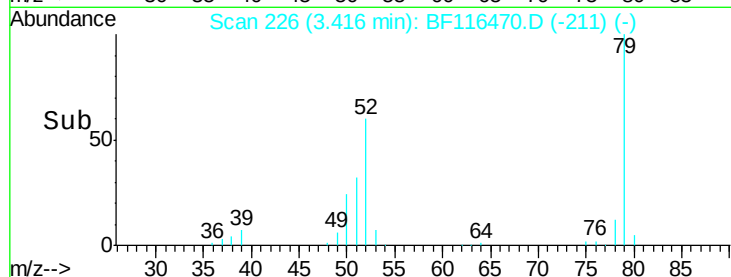
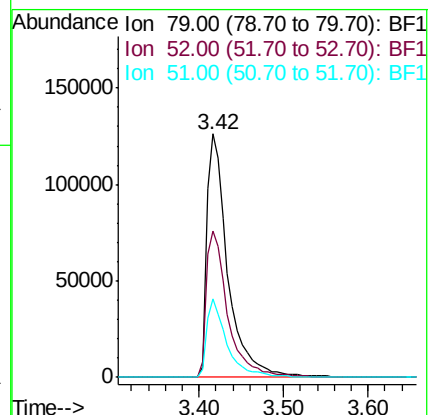
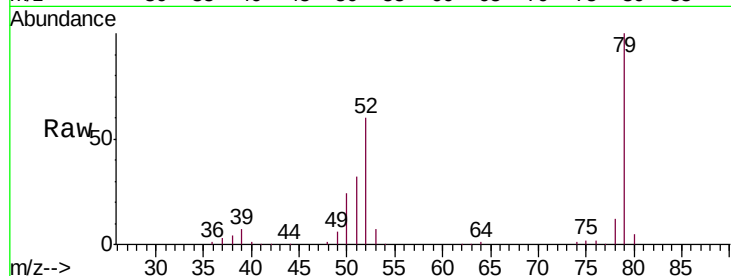
Tgt Ion: 79 Resp: 216949

Ion Ratio Lower Upper

79 100

52 60.3 48.8 73.2

51 32.1 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 19.801 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

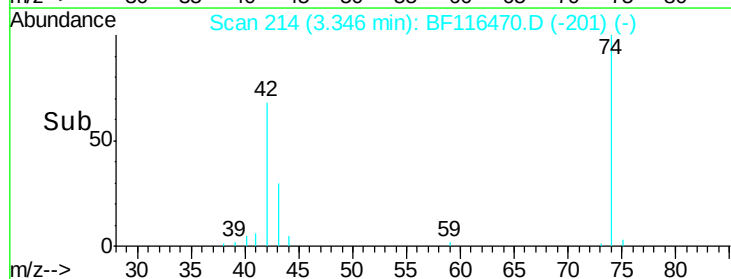
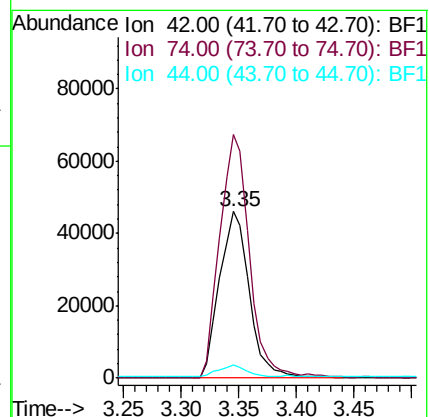
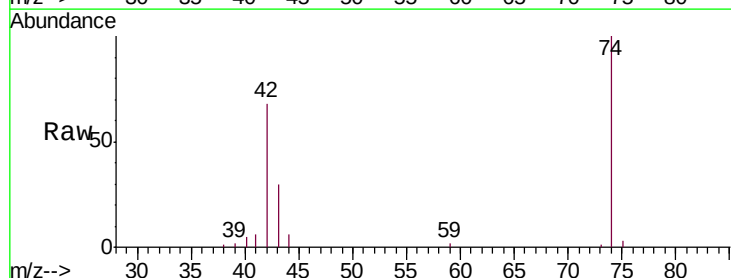
Tgt Ion: 42 Resp: 82887

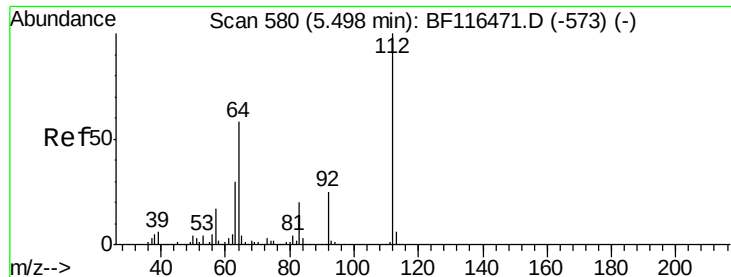
Ion Ratio Lower Upper

42 100

74 146.1 115.3 172.9

44 8.2 5.8 8.8





#5

2-Fluorophenol

Concen: 45.779 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

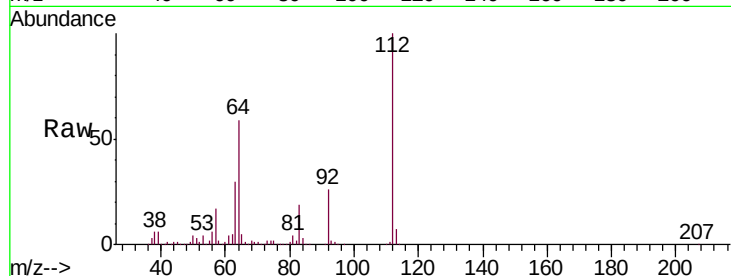
Tgt Ion: 112 Resp: 344095

Ion Ratio Lower Upper

112 100

64 58.8 46.3 69.5

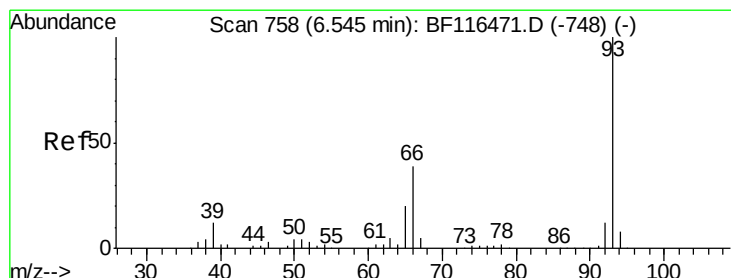
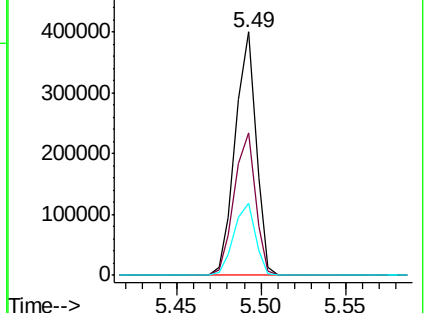
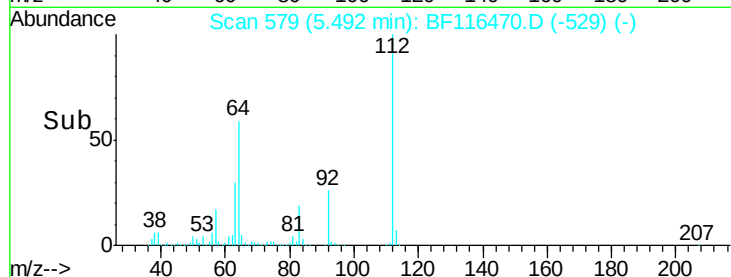
63 29.6 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.483 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

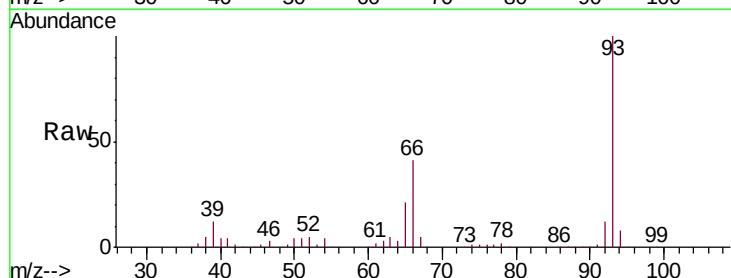
Tgt Ion: 93 Resp: 291773

Ion Ratio Lower Upper

93 100

66 40.6 32.2 48.2

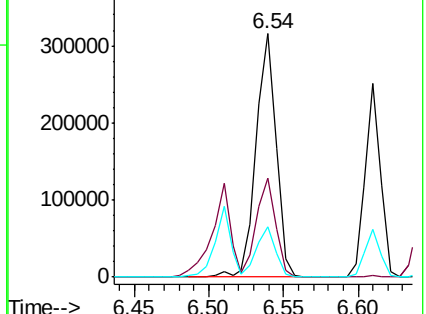
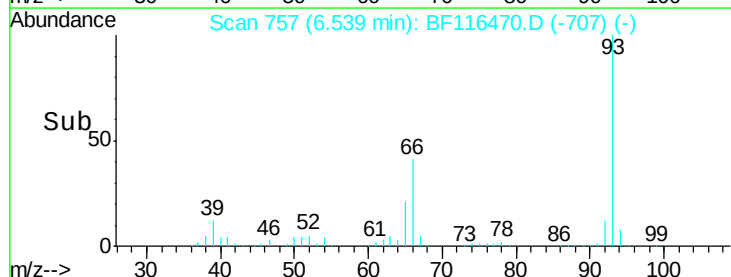
65 20.6 16.3 24.5

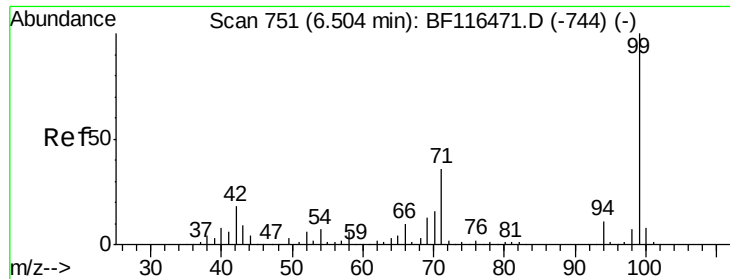


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 46.093 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

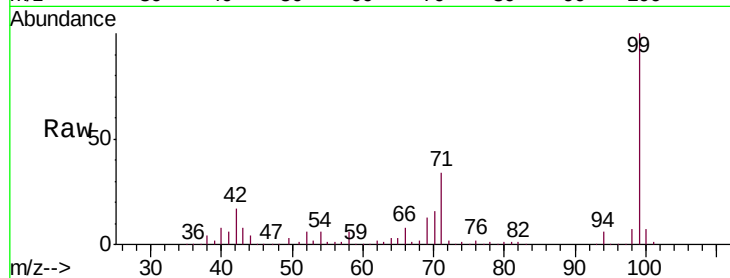
Tgt Ion: 99 Resp: 437122

Ion Ratio Lower Upper

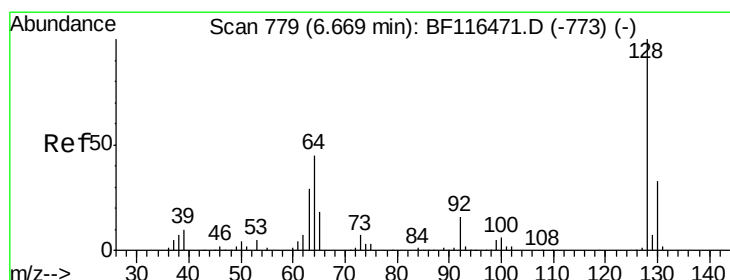
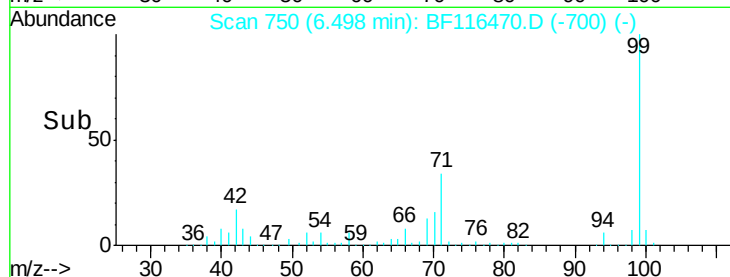
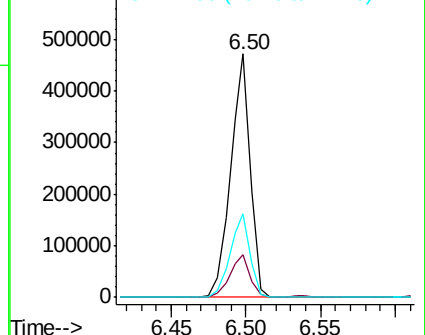
99 100

42 17.3 14.6 21.8

71 34.3 28.5 42.7



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: 21.736 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

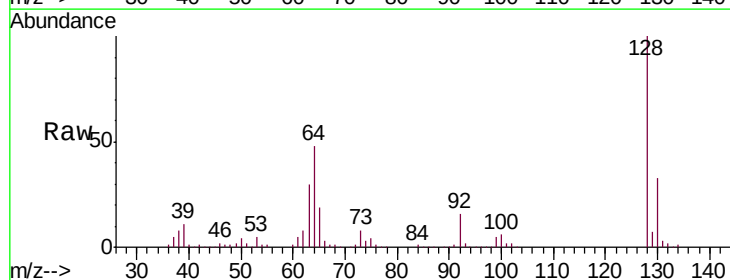
Tgt Ion: 128 Resp: 180667

Ion Ratio Lower Upper

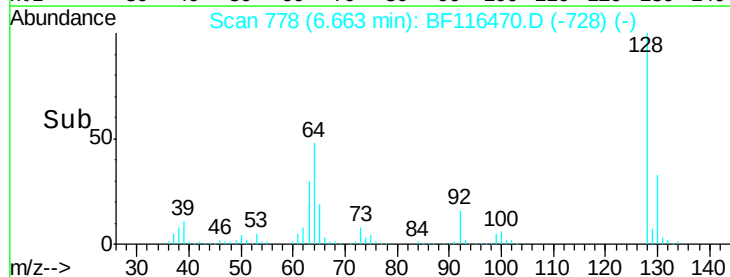
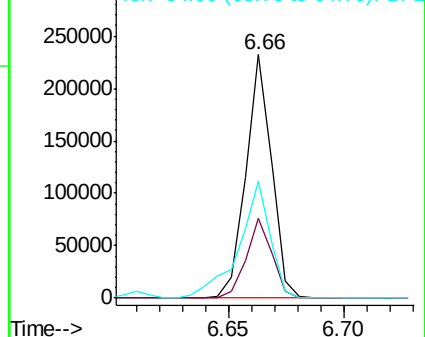
128 100

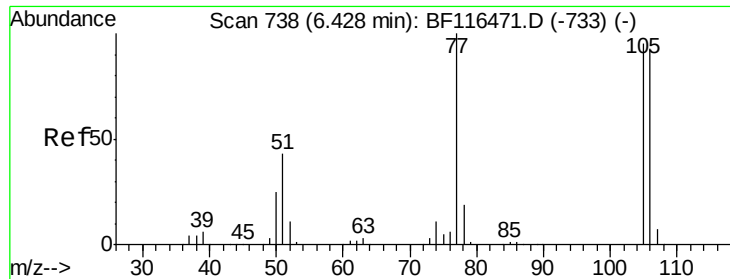
130 32.5 13.4 53.4

64 48.2 26.3 66.3



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: 23.775 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

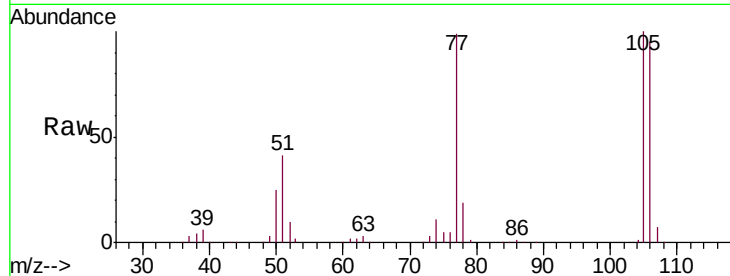
Tgt Ion: 77 Resp: 155569

Ion Ratio Lower Upper

77 100

105 100.7 75.5 115.5

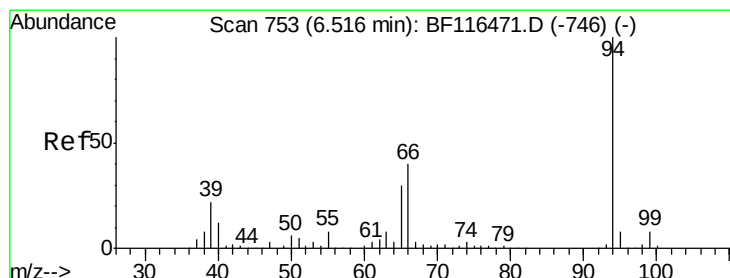
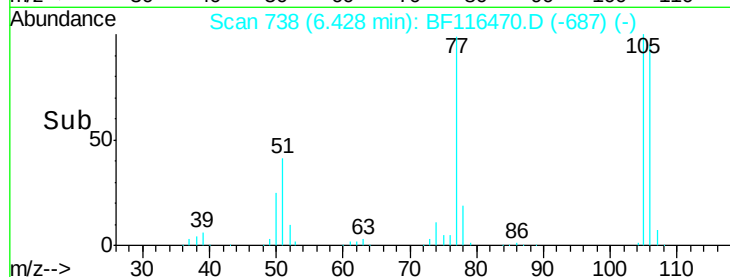
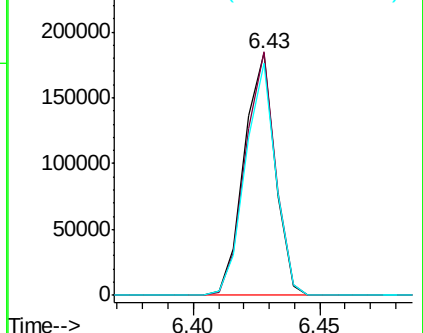
106 96.0 73.2 113.2



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: 20.145 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

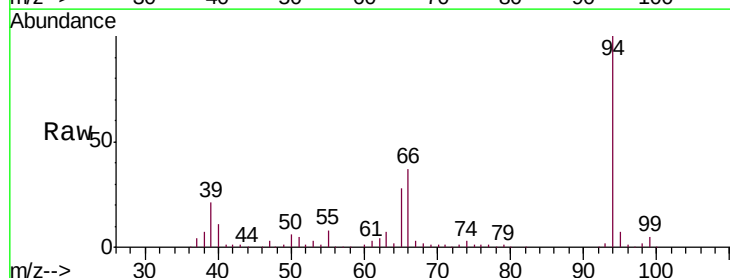
Tgt Ion: 94 Resp: 224977

Ion Ratio Lower Upper

94 100

65 28.5 10.0 50.0

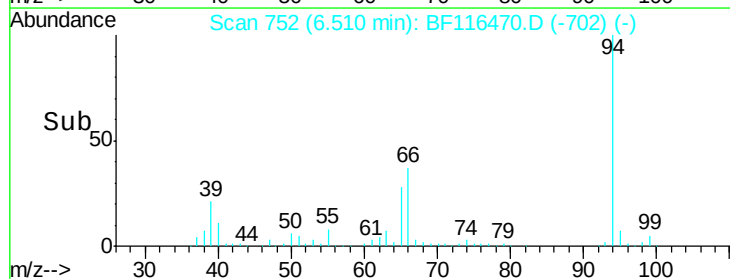
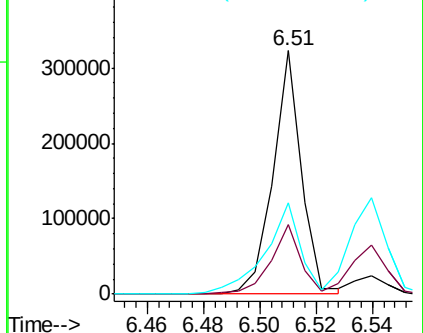
66 37.5 19.8 59.8

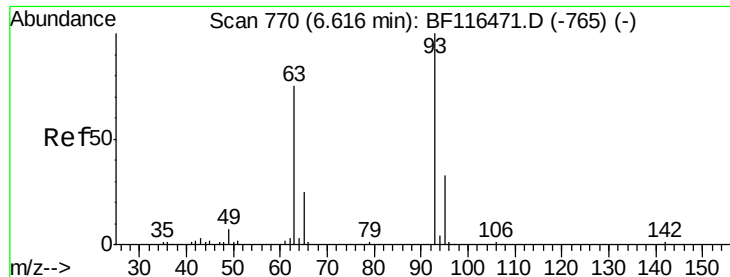


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

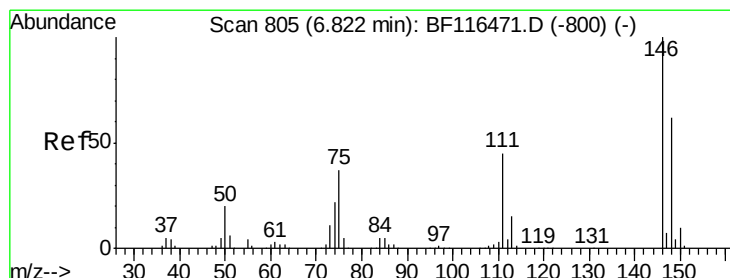
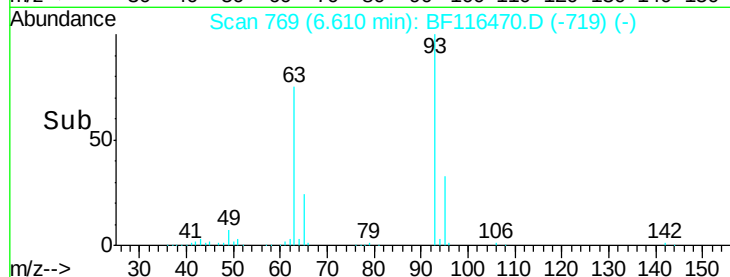
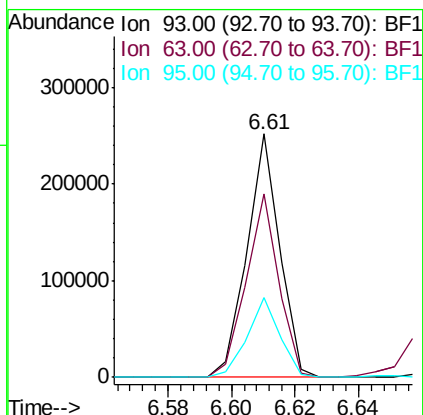
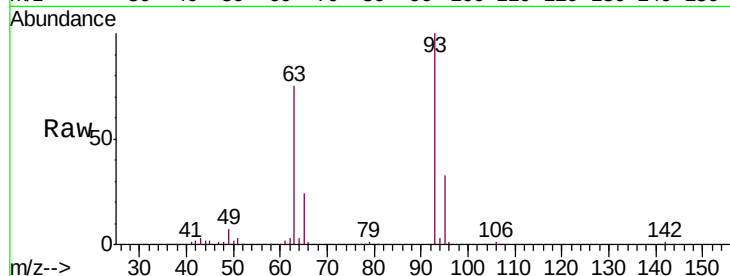




#11
bis(2-Chloroethyl)ether
Concen: 21.986 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

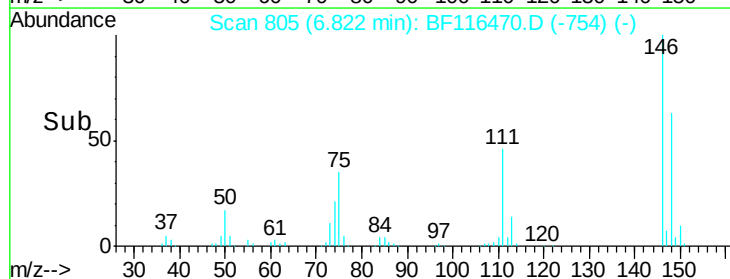
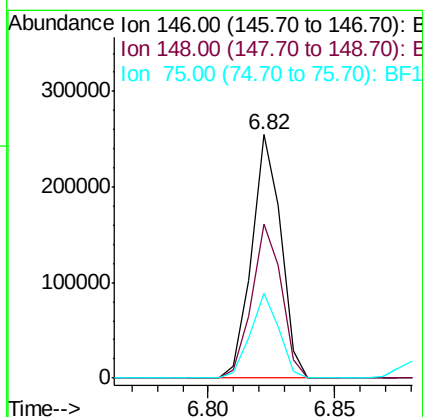
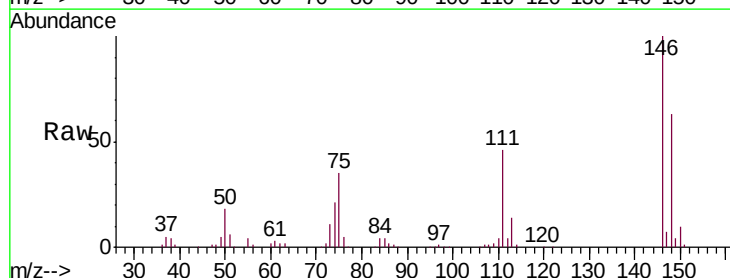
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

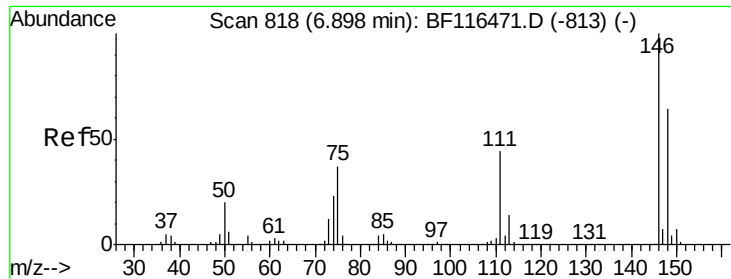
Tgt Ion:	93	Resp:	180515
Ion	Ratio	Lower	Upper
93	100		
63	75.2	54.3	94.3
95	32.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 21.365 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:	146	Resp:	205227
Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.8
75	35.1	29.3	43.9

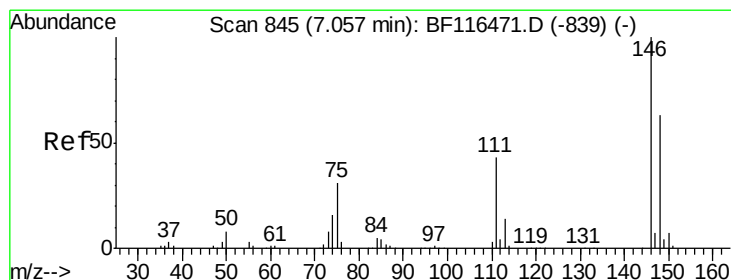
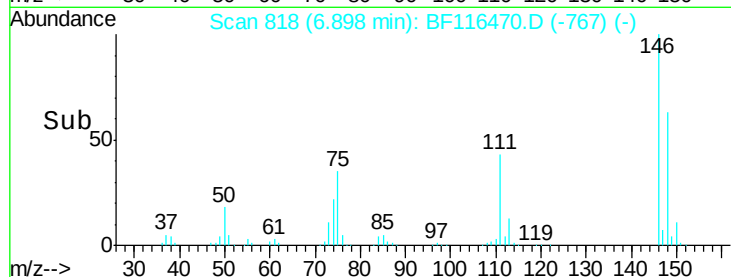
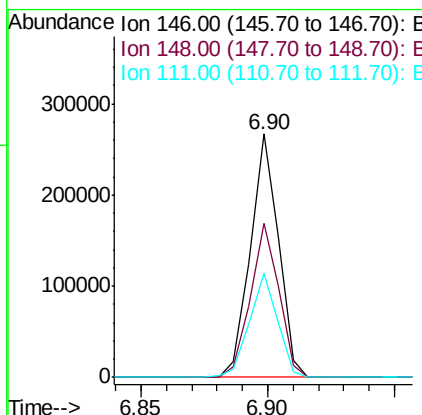
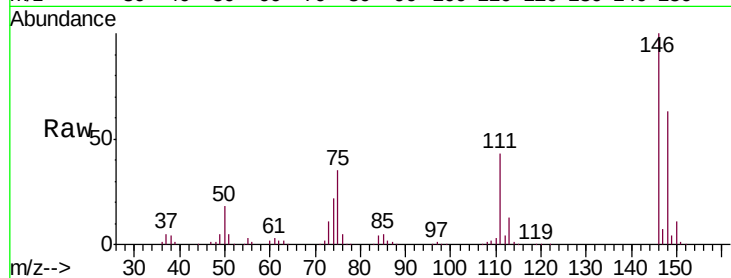




#13
1,4-Dichlorobenzene
Concen: 21.476 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

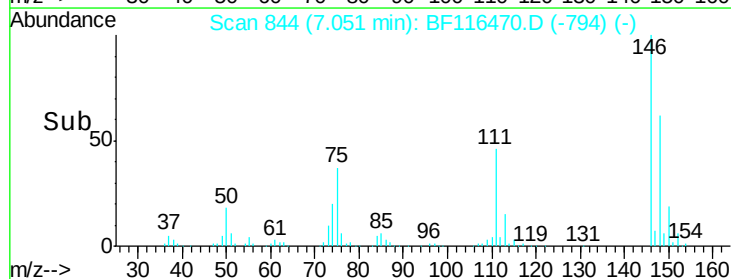
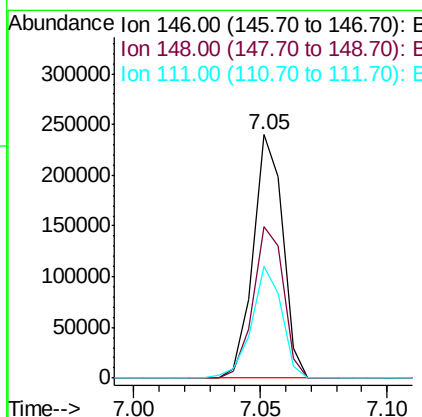
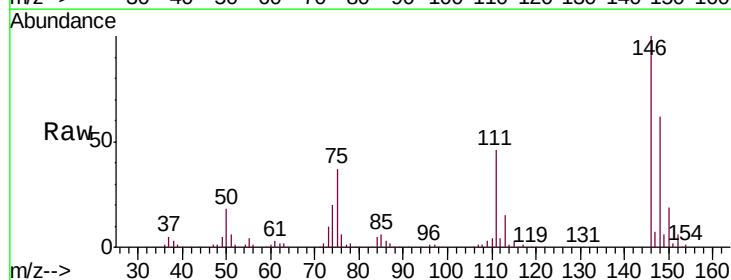
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

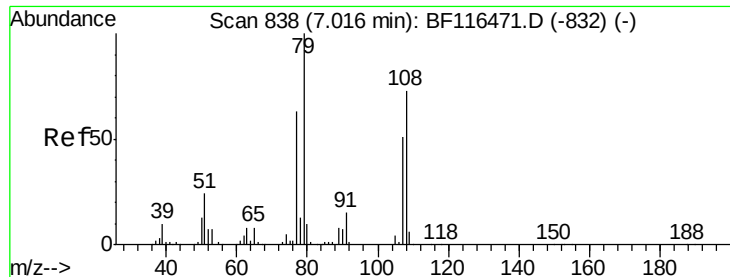
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	43.0	35.4	53.2



#14
1,2-Dichlorobenzene
Concen: 22.135 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	46.0	34.5	51.7





#15

Benzyl Alcohol

Concen: 23.637 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

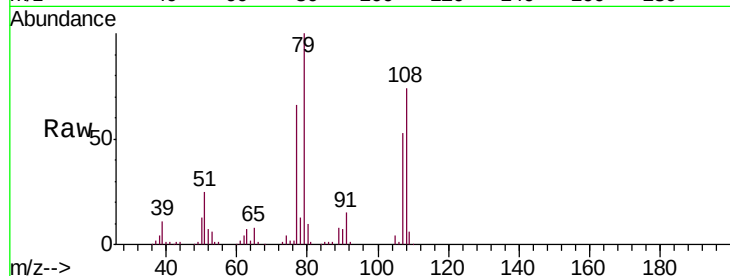
Tgt Ion: 79 Resp: 170117

Ion Ratio Lower Upper

79 100

108 73.8 58.1 87.1

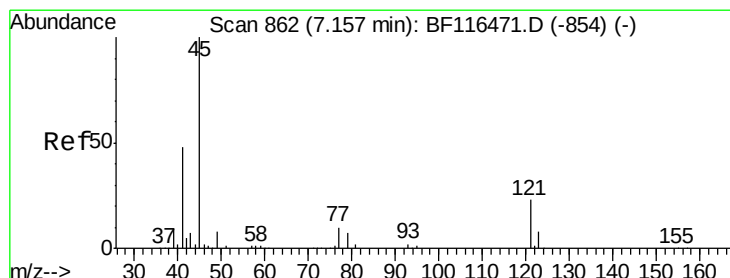
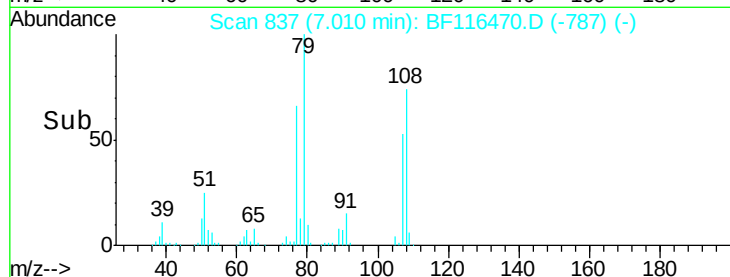
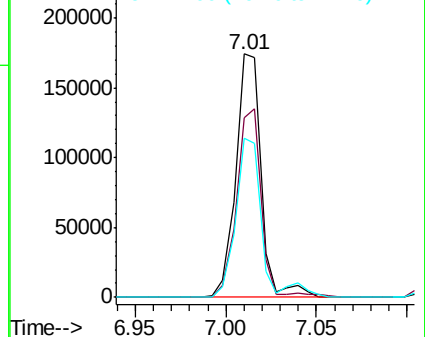
77 65.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.967 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

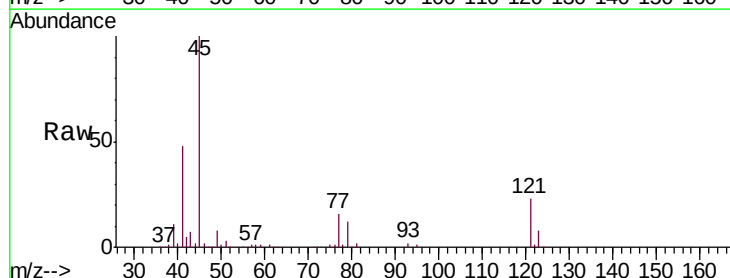
Tgt Ion: 45 Resp: 246015

Ion Ratio Lower Upper

45 100

77 15.7 0.0 36.1

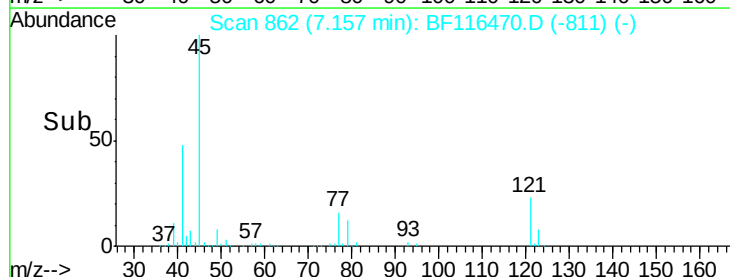
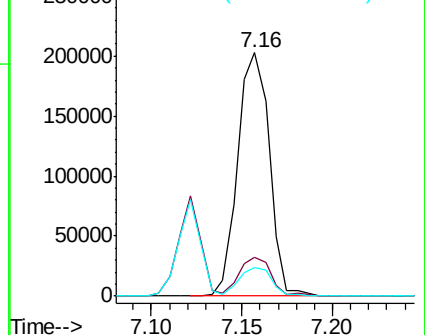
79 11.9 0.0 32.3

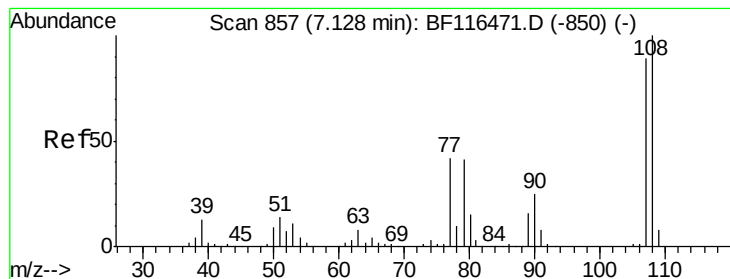


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 22.100 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tgt Ion:107 Resp: 155542

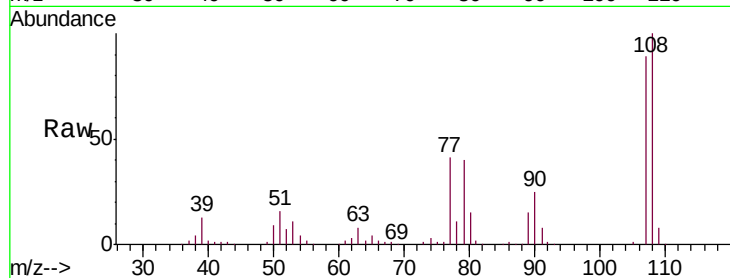
Ion Ratio Lower Upper

107 100

108 111.7 90.0 135.0

77 46.3 37.6 56.4

79 44.5 36.8 55.2

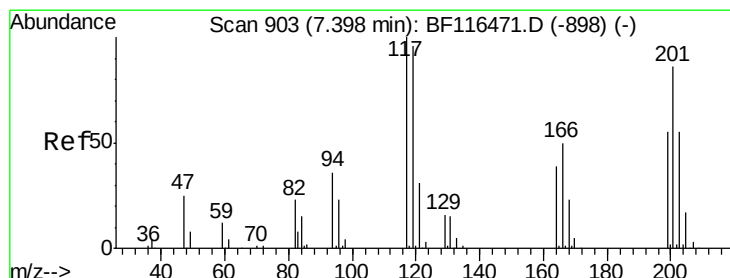
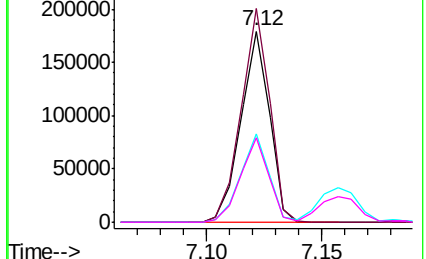
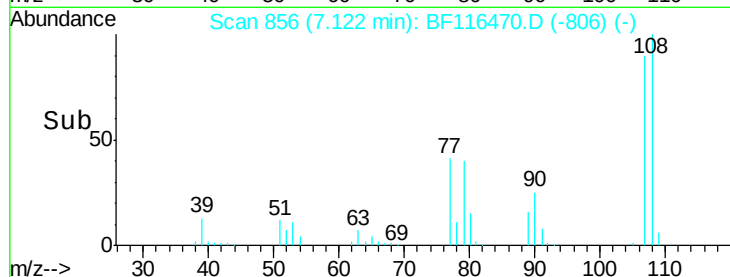


Abundance Ion 107.00 (106.70 to 107.70): E

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: 21.300 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

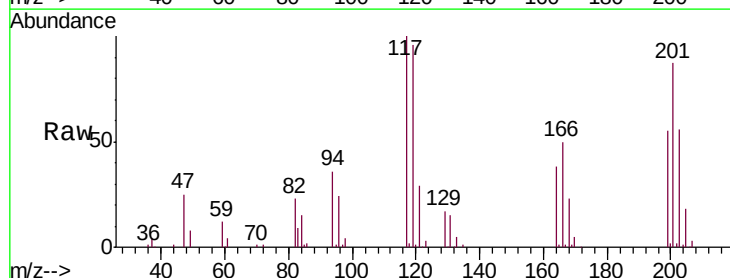
Tgt Ion:117 Resp: 75425

Ion Ratio Lower Upper

117 100

119 95.8 77.0 115.6

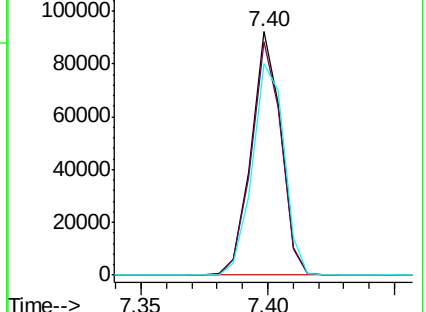
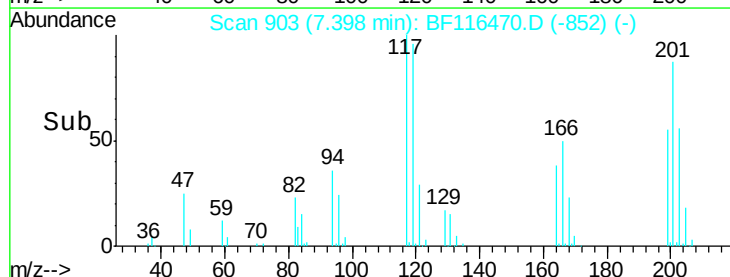
201 86.7 69.1 103.7

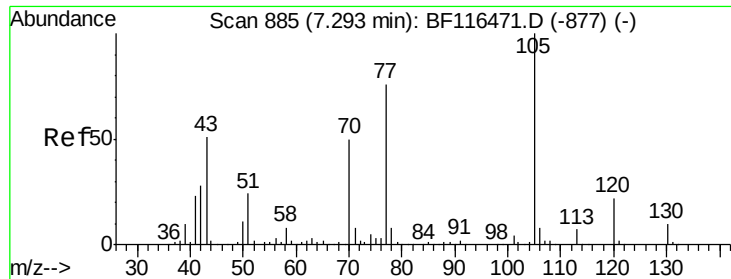


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

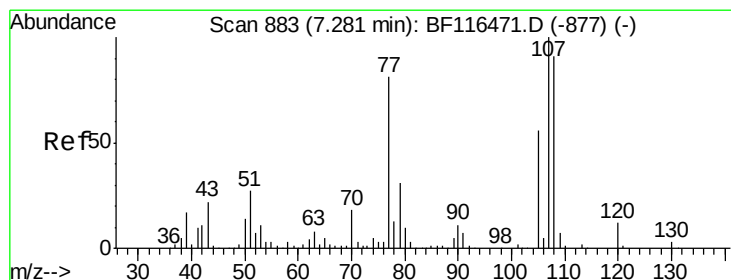
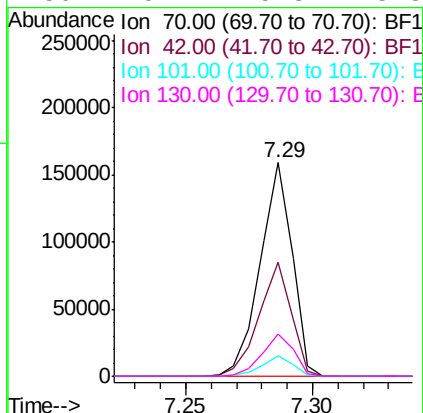
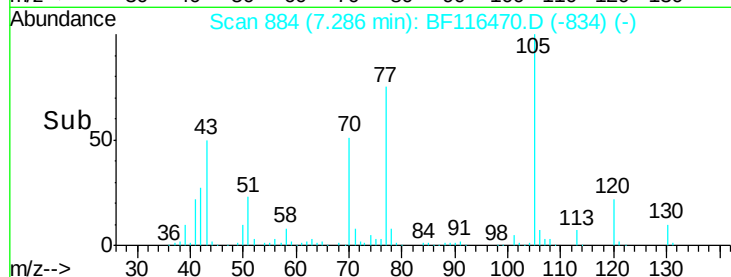
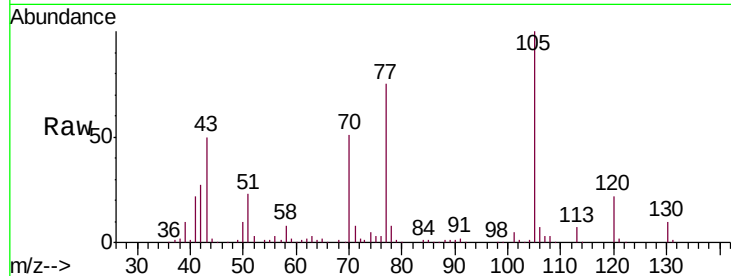




#19
n-Nitroso-di-n-propylamine
Concen: 23.920 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

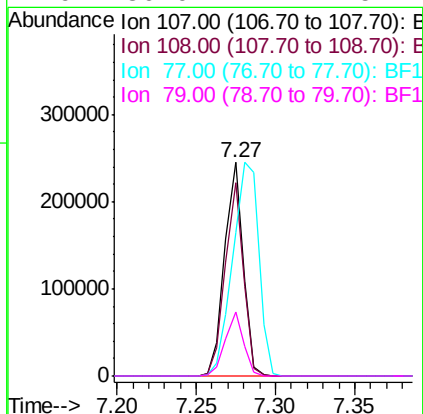
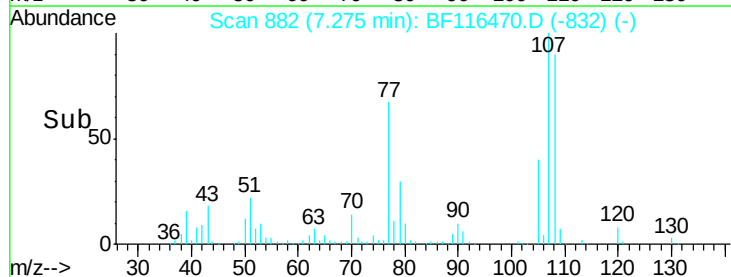
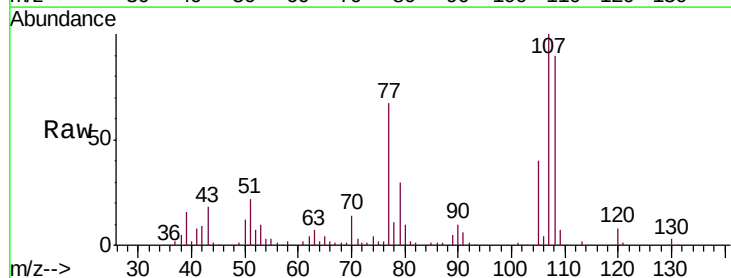
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

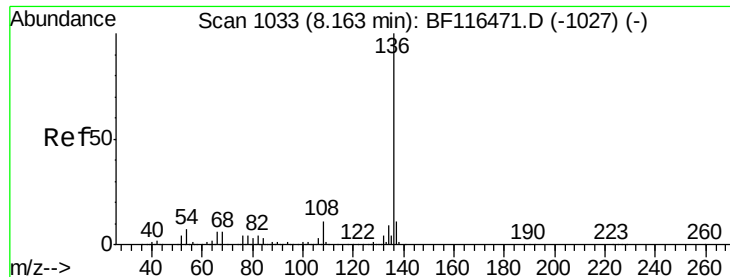
Tgt Ion:	70	Resp:	140572
Ion	Ratio	Lower	Upper
70	100		
42	53.6	44.4	66.6
101	9.4	7.1	10.7
130	19.7	15.8	23.8



#20
3+4-Methylphenols
Concen: 23.989 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:	107	Resp:	199790
Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.7	110.7
77	67.4	60.6	100.6
79	30.0	11.1	51.1

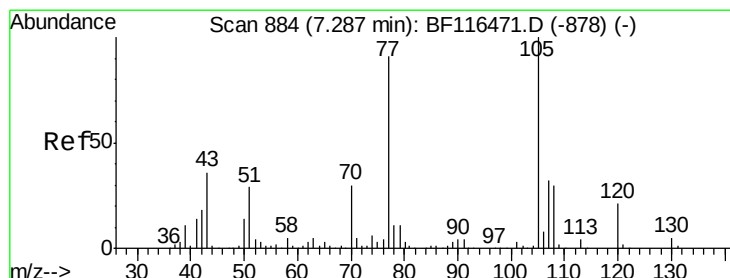
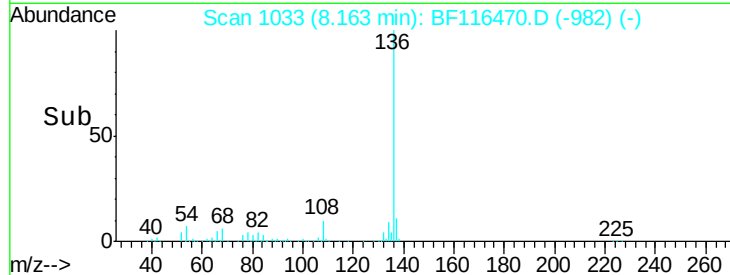
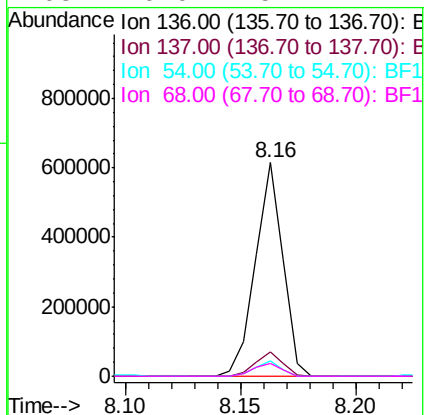
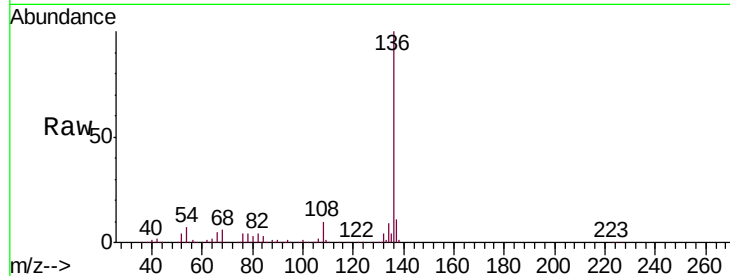




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

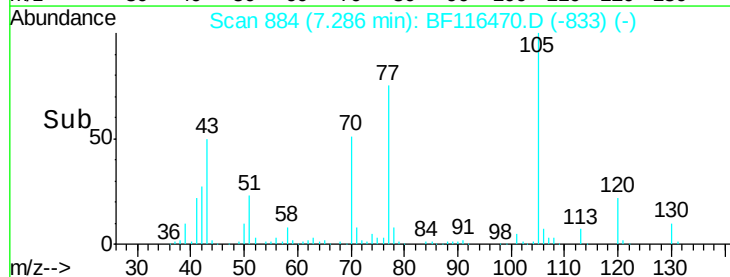
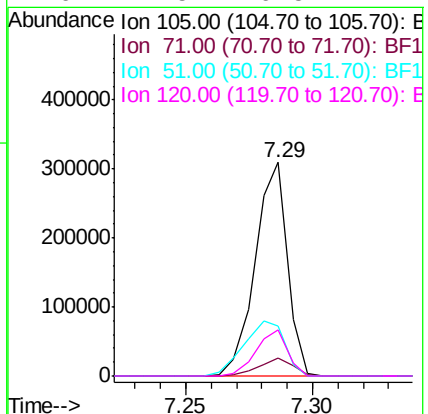
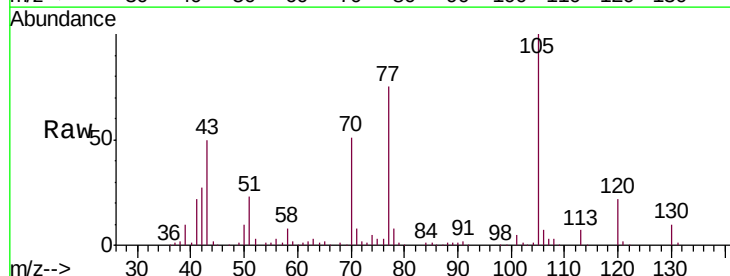
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

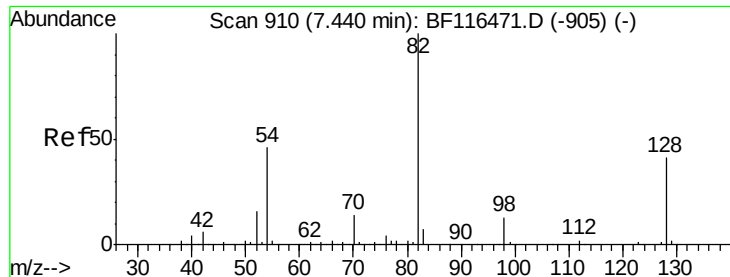
Tgt Ion:	136	Resp:	512508
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.2	5.8	8.6
68	6.0	5.1	7.7



#22
Acetophenone
Concen: 24.421 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:	105	Resp:	274494
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.2	6.2#
51	23.3	23.0	34.4
120	21.5	16.5	24.7

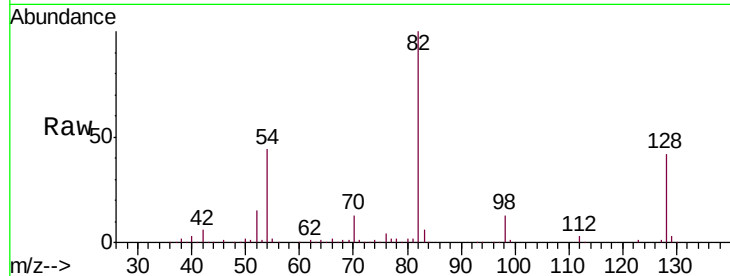




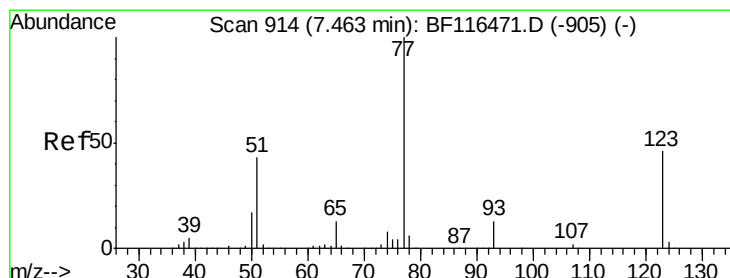
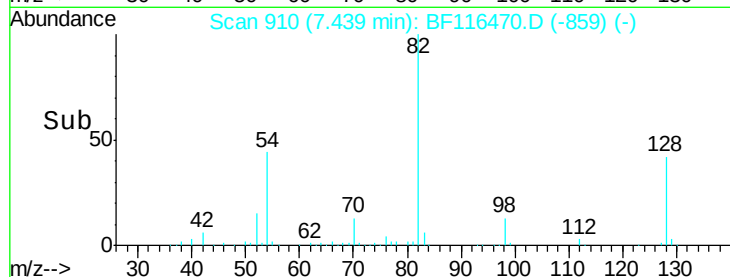
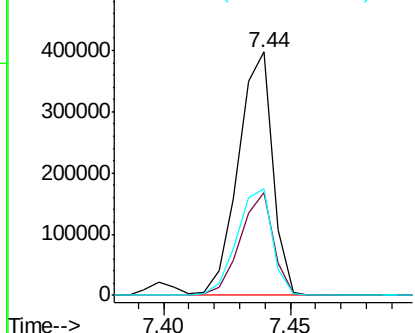
#23
 Nitrobenzene-d5
 Concen: 42.353 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tgt Ion: 82 Resp: 376044
 Ion Ratio Lower Upper
 82 100
 128 42.1 32.2 48.4
 54 43.6 36.5 54.7

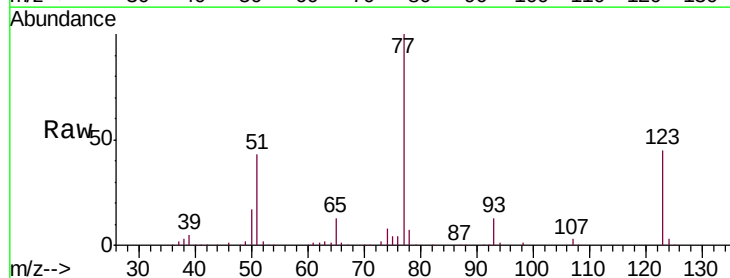


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

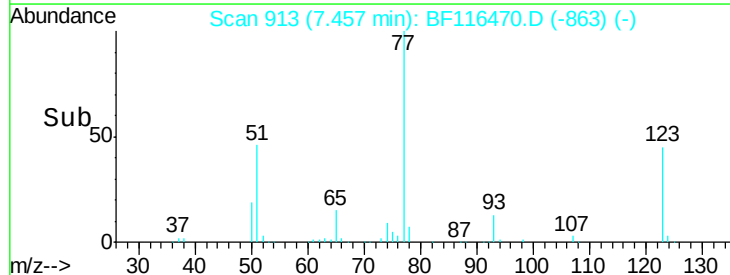
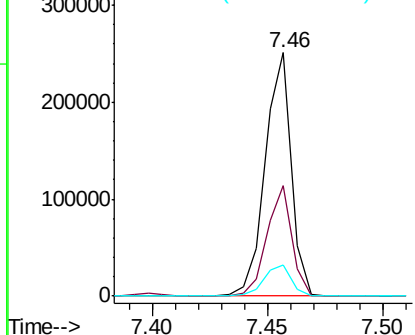


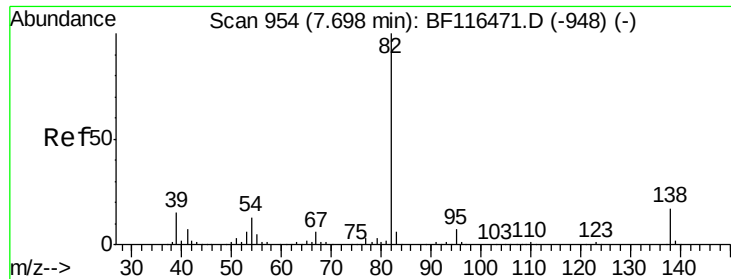
#24
 Nitrobenzene
 Concen: 20.572 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion: 77 Resp: 197224
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.0 55.4
 65 13.0 10.5 15.7



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





#25

Isophorone

Concen: 21.662 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

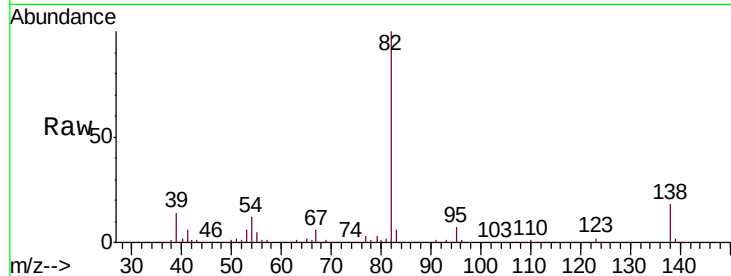
Tgt Ion: 82 Resp: 367759

Ion Ratio Lower Upper

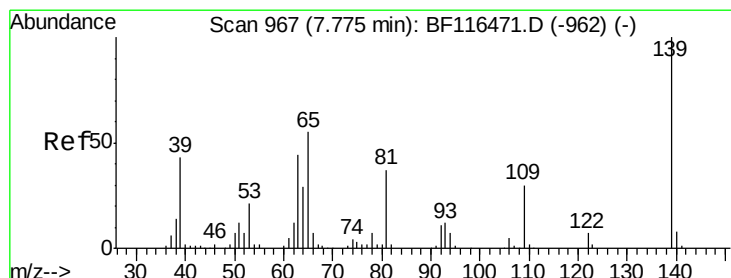
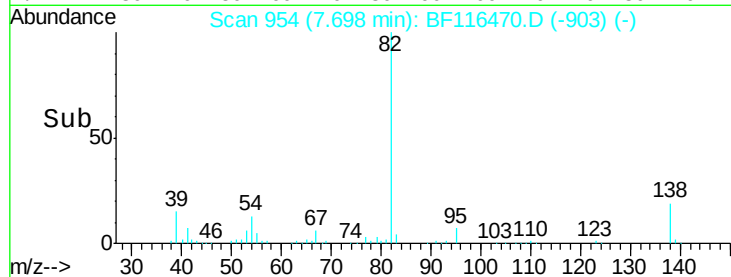
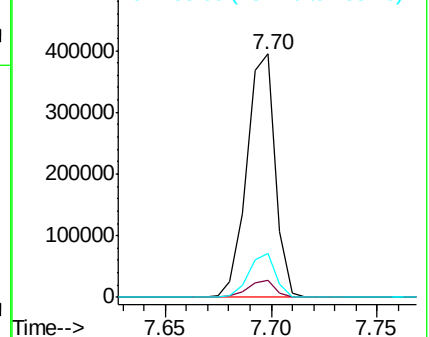
82 100

95 6.9 5.3 7.9

138 17.9 13.3 19.9



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



#26

2-Nitrophenol

Concen: 14.361 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

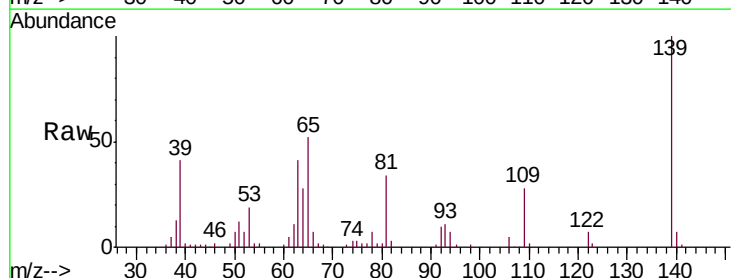
Tgt Ion: 139 Resp: 64898

Ion Ratio Lower Upper

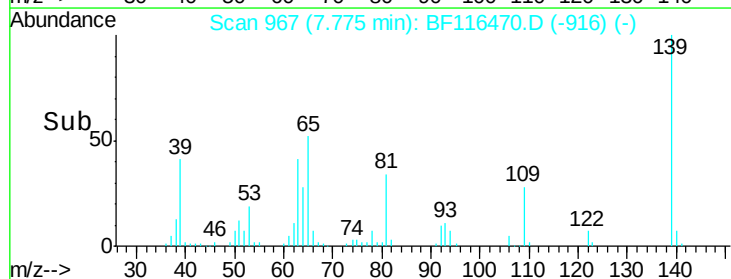
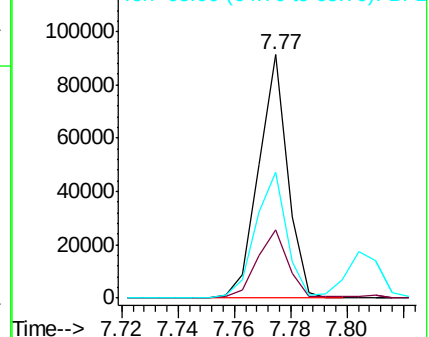
139 100

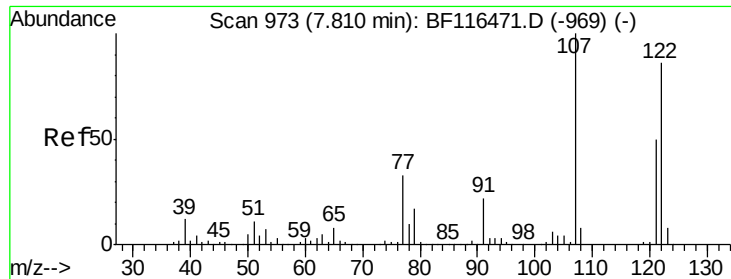
109 28.3 24.3 36.5

65 51.6 44.0 66.0



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

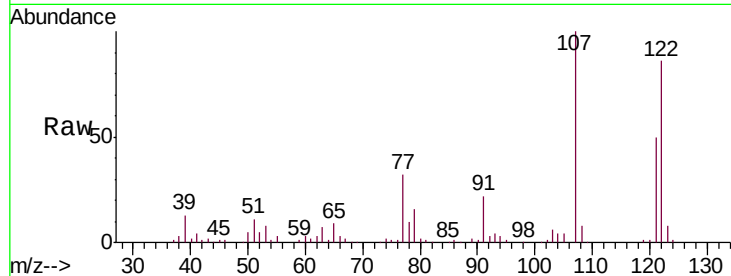




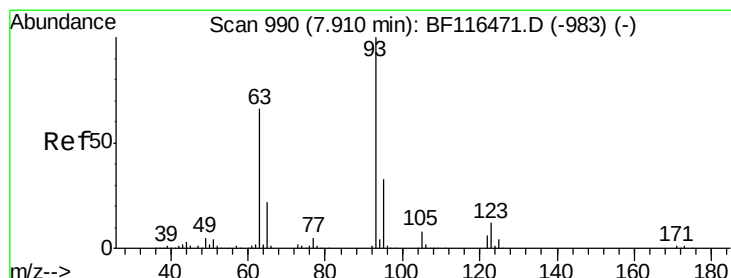
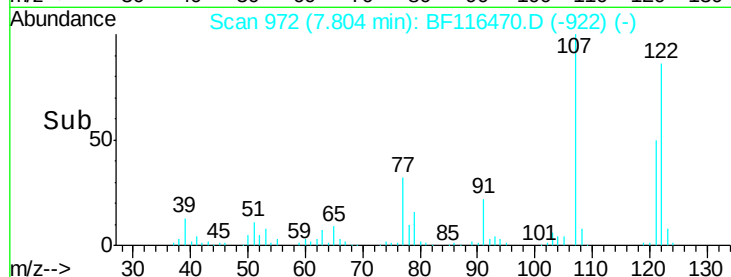
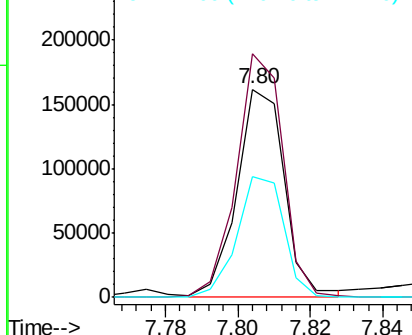
#27
2,4-Dimethylphenol
Concen: 21.646 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.4	138.6
121	58.1	46.2	69.4

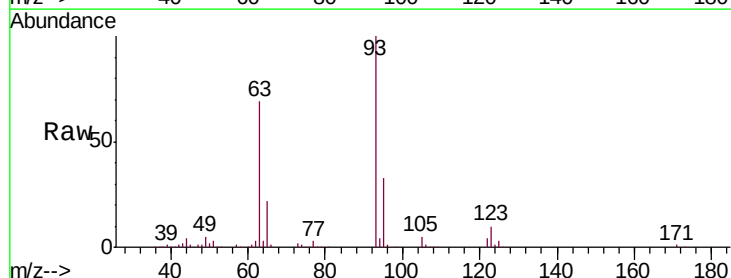


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

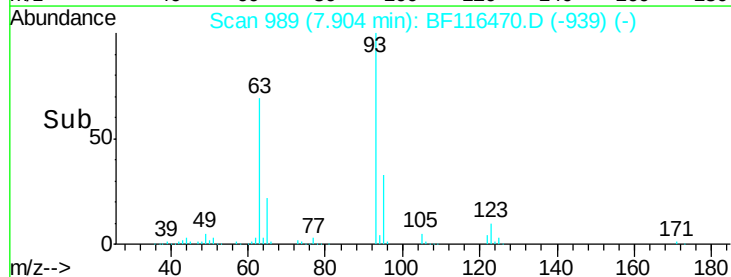
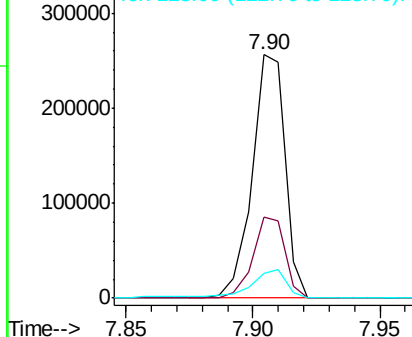


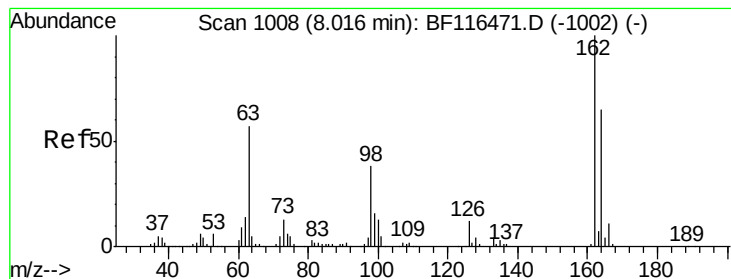
#28
bis(2-Chloroethoxy)methane
Concen: 22.079 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	10.3	9.8	14.6



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: 20.397 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

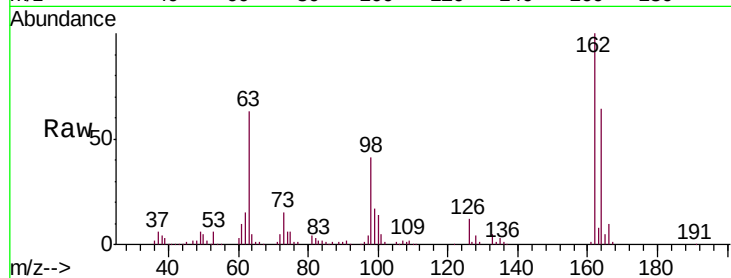
Tgt Ion:162 Resp: 146427

Ion Ratio Lower Upper

162 100

164 64.2 44.9 84.9

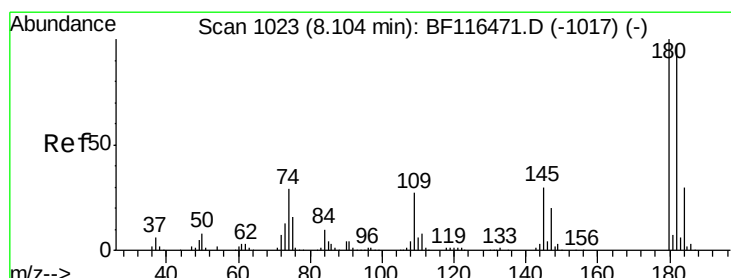
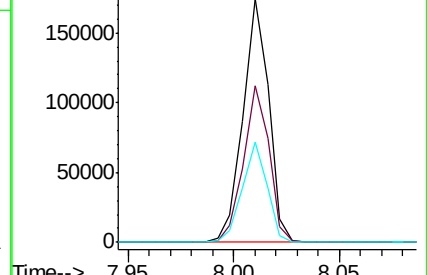
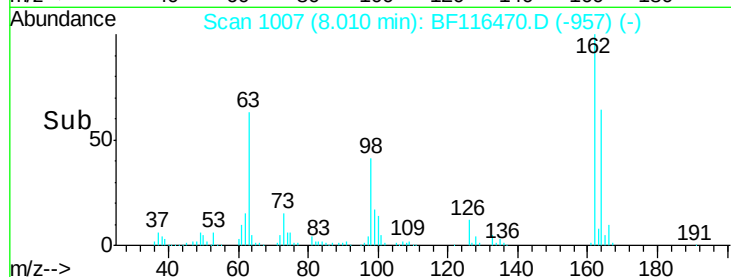
98 41.3 17.9 57.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 21.323 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

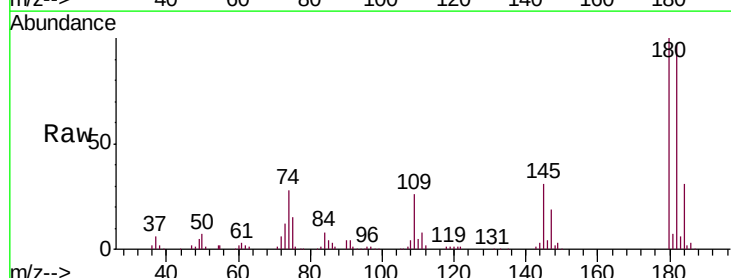
Tgt Ion:180 Resp: 174490

Ion Ratio Lower Upper

180 100

182 97.0 77.4 116.0

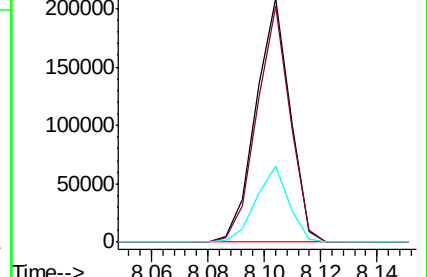
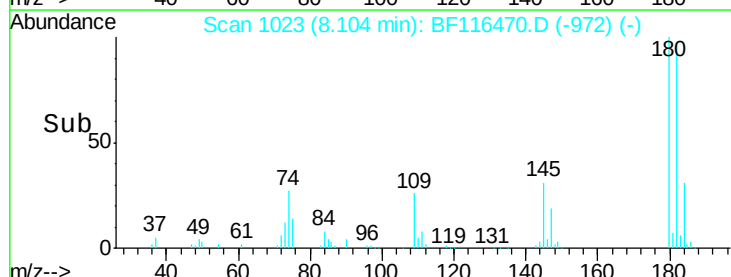
145 31.3 24.3 36.5

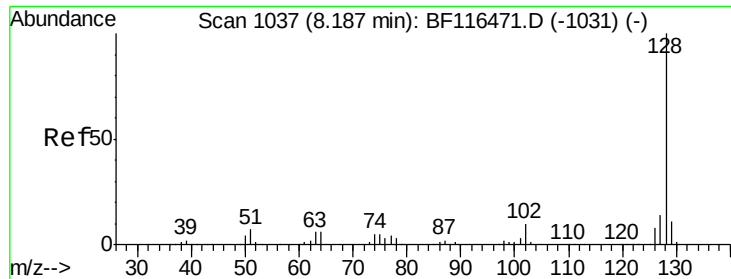


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

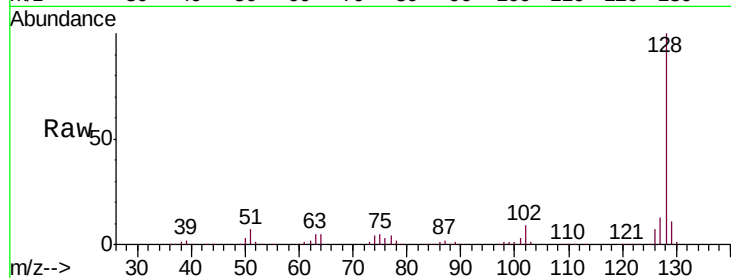




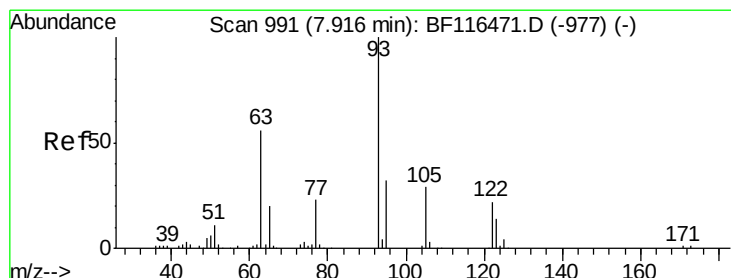
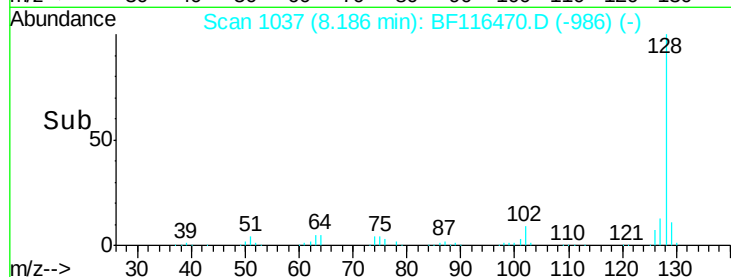
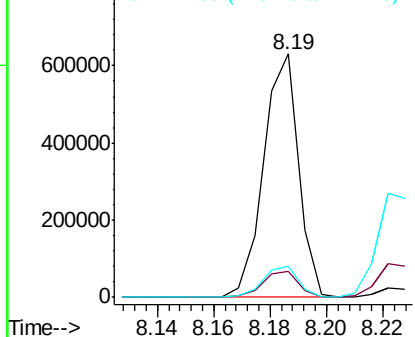
#31
Naphthalene
Concen: 22.445 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion:128 Resp: 541308
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.9 16.3

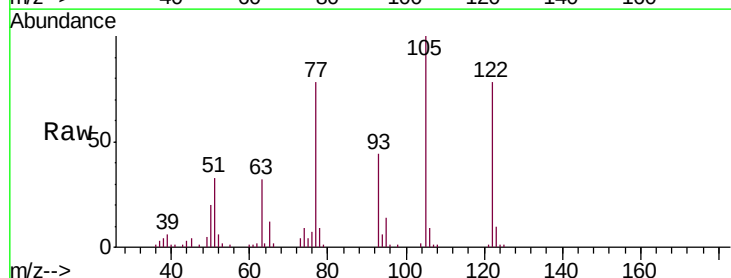


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

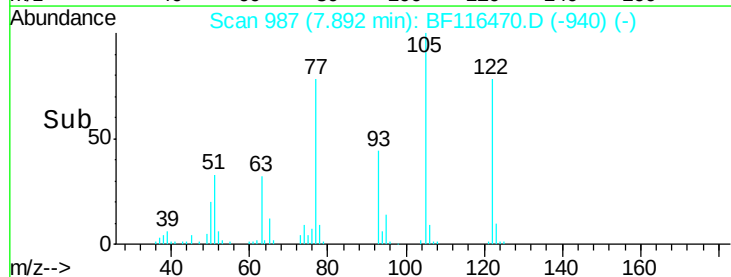
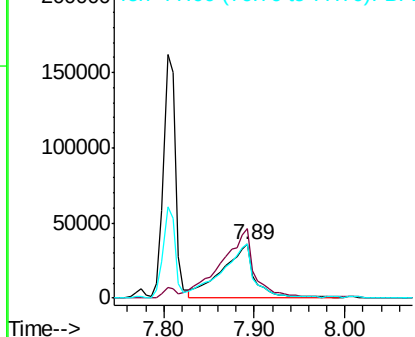


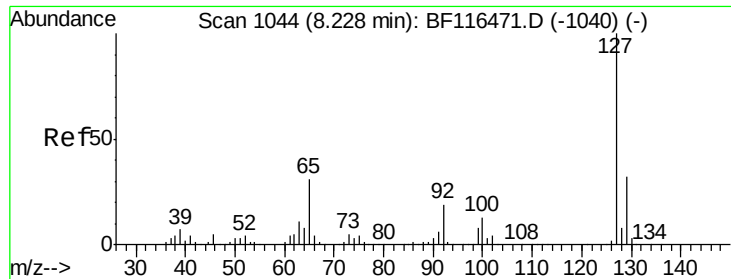
#32
Benzoic acid
Concen: 18.555 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:122 Resp: 88945
Ion Ratio Lower Upper
122 100
105 128.4 109.9 149.9
77 100.2 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

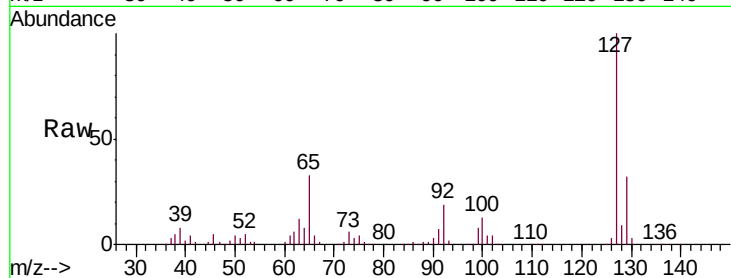




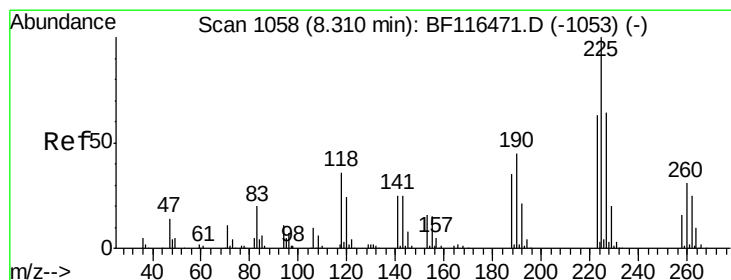
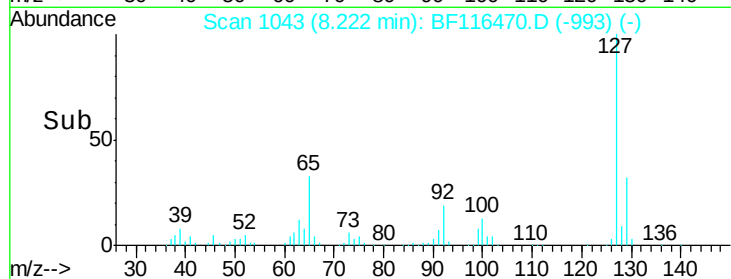
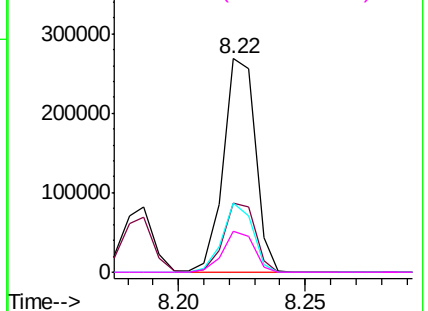
#33
4-Chloroaniline
Concen: 21.899 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion:	127	Resp:	235984
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	32.7	25.0	37.6
92	19.1	15.0	22.6

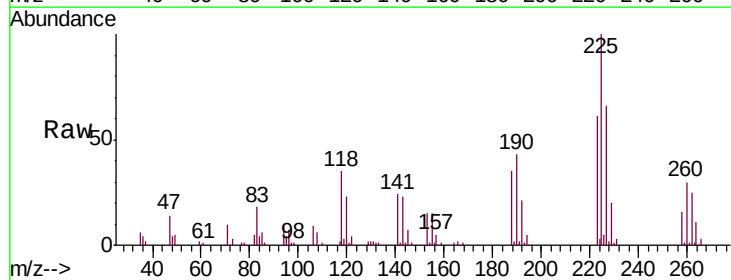


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

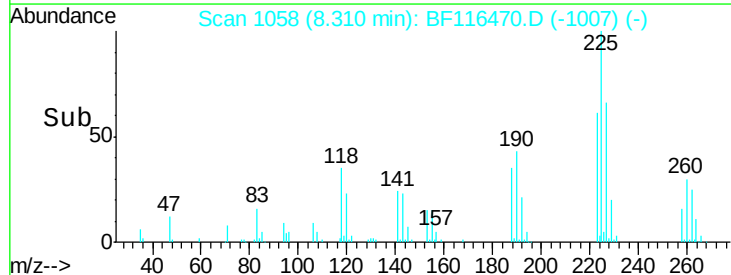
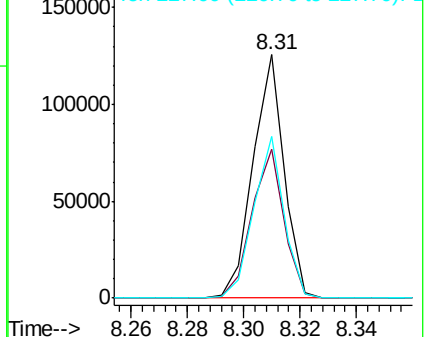


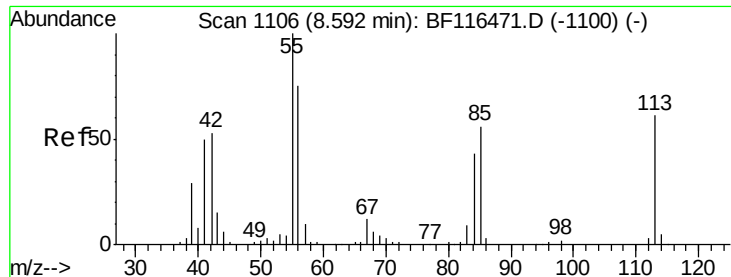
#34
Hexachlorobutadiene
Concen: 20.421 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:	225	Resp:	96253
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.3	75.5
227	66.3	51.0	76.4



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

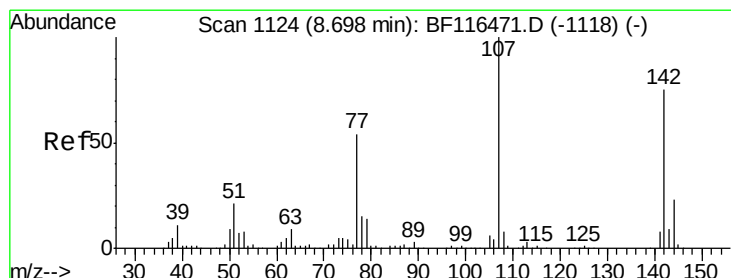
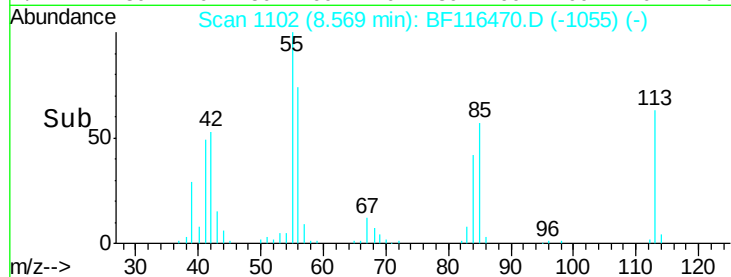
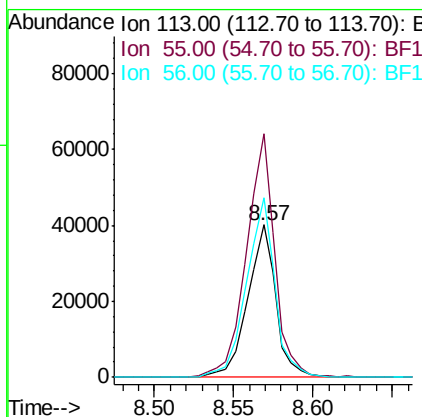
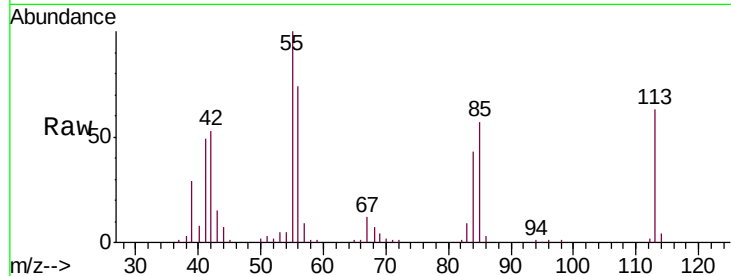




#35
 Caprolactam
 Concen: 21.076 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

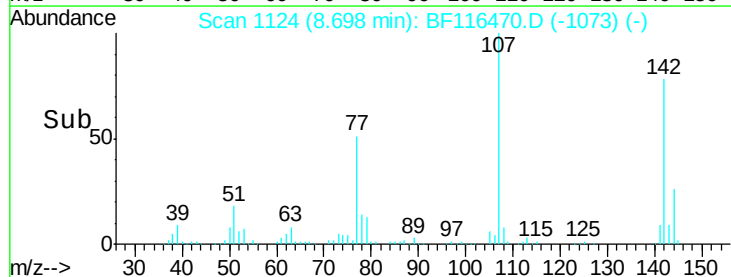
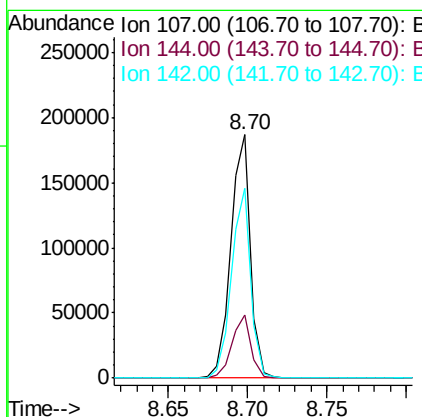
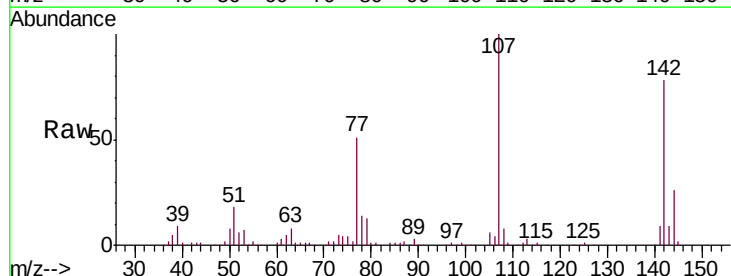
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

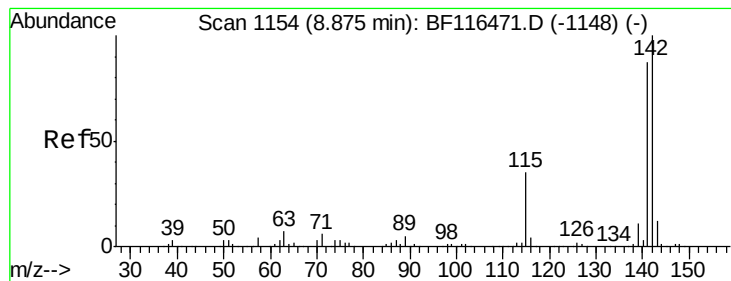
Tgt Ion:113 Resp: 48935
 Ion Ratio Lower Upper
 113 100
 55 159.7 143.6 183.6
 56 118.0 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 21.441 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion:107 Resp: 160123
 Ion Ratio Lower Upper
 107 100
 144 26.0 18.8 28.2
 142 78.2 59.8 89.6





#37

2-Methylnaphthalene

Concen: 22.803 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

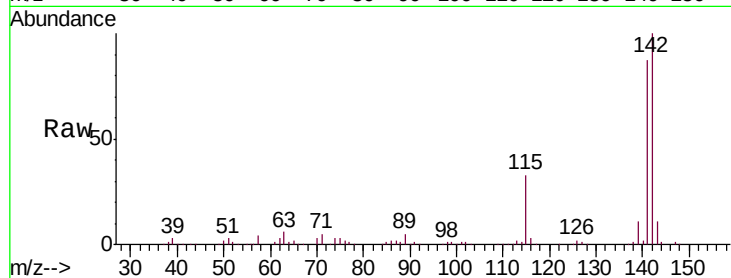
Tgt Ion:142 Resp: 362188

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

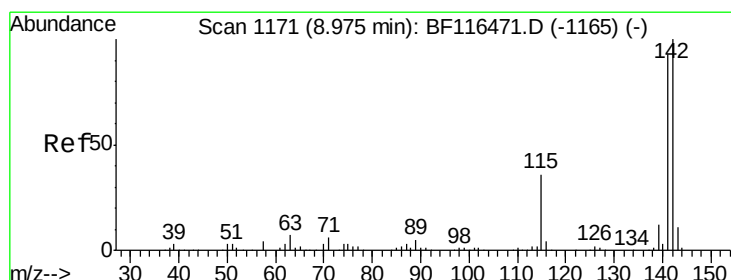
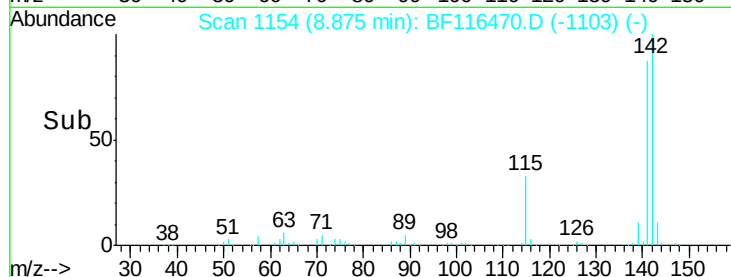
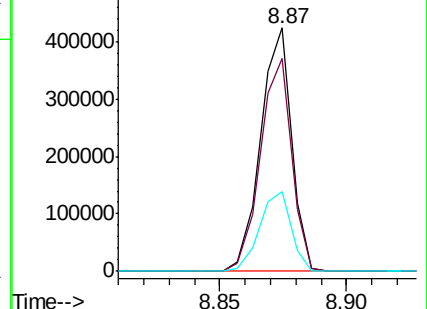
115 32.5 27.7 41.5



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: 22.392 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

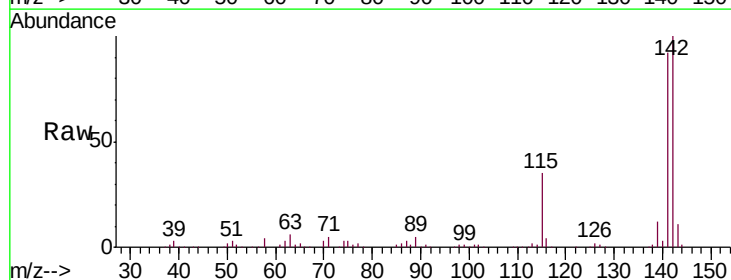
Tgt Ion:142 Resp: 336474

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.2

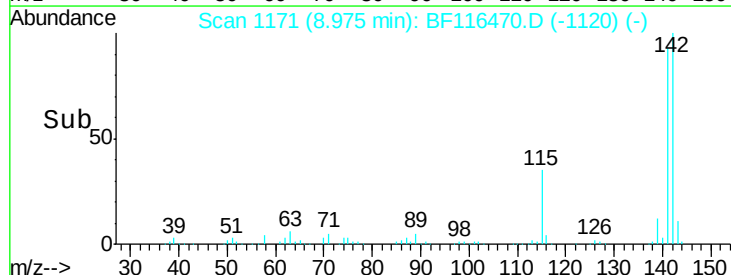
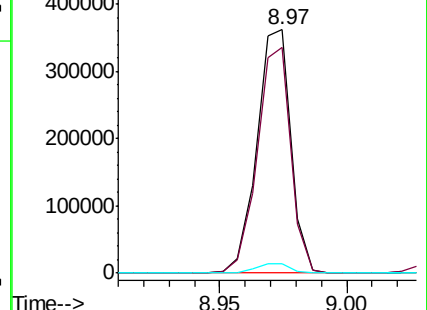
116 3.7 2.9 4.3

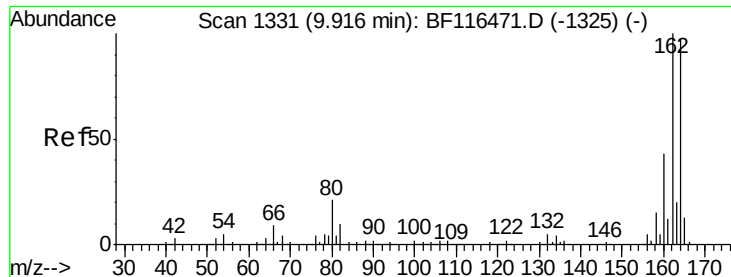


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

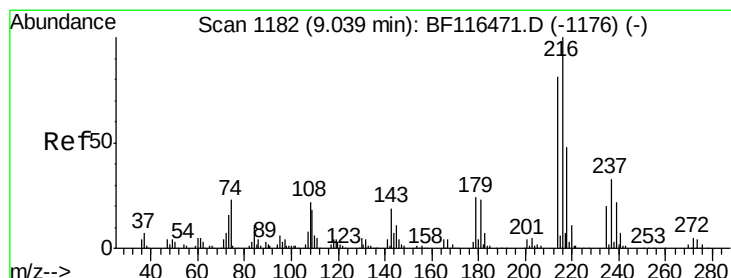
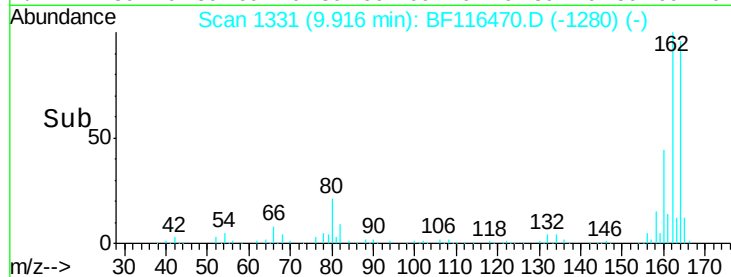
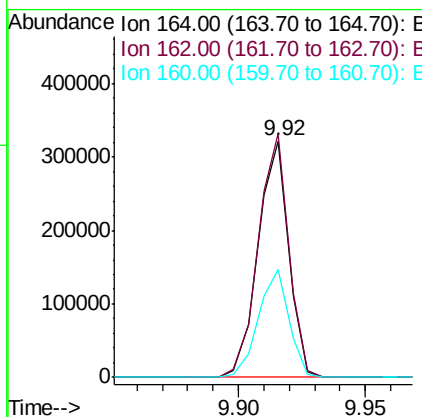
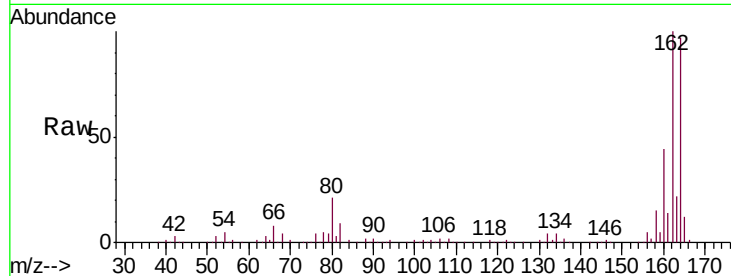




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

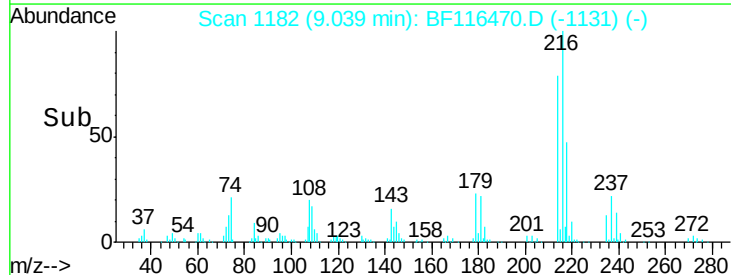
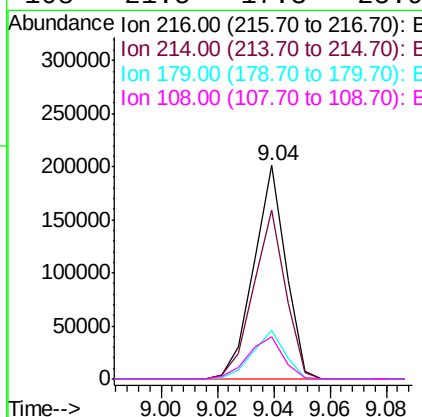
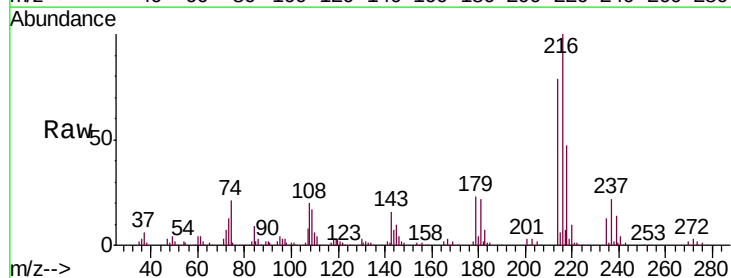
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

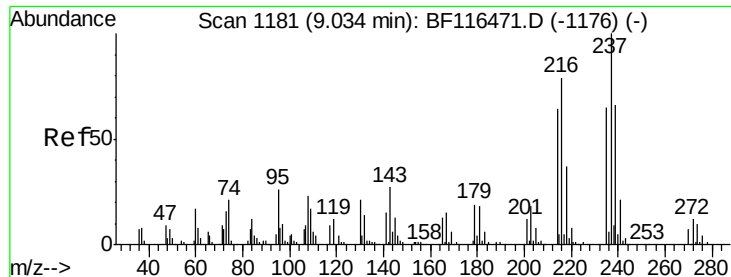
Tgt Ion:164 Resp: 272038
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 45.7 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.799 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:216 Resp: 158539
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 23.1 18.5 27.7
108 21.5 17.3 25.9

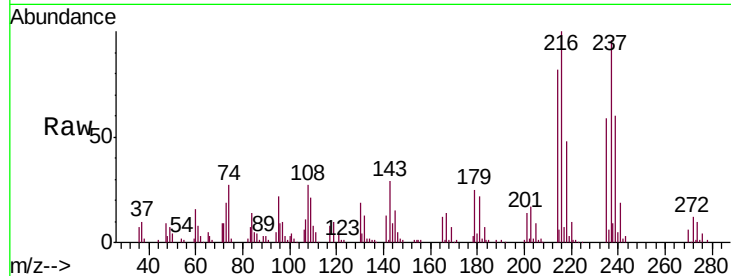




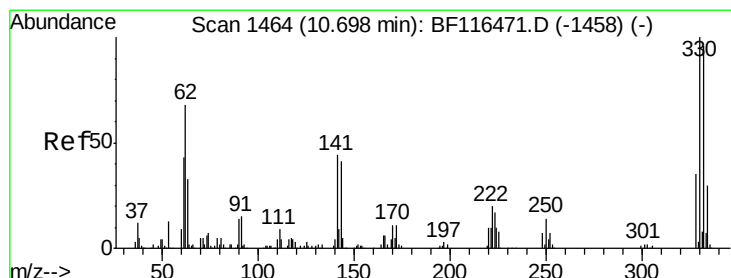
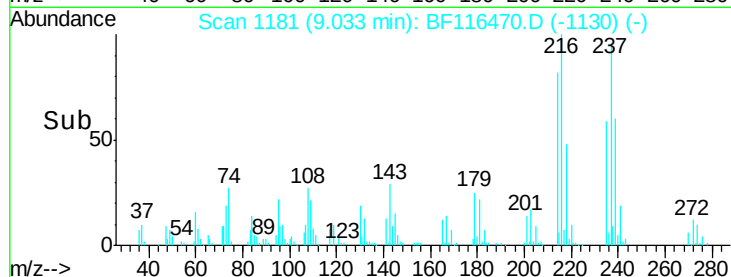
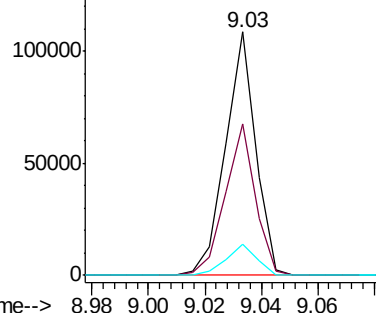
#41
Hexachlorocyclopentadiene
Concen: 28.416 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion: 237 Resp: 80780
Ion Ratio Lower Upper
237 100
235 62.0 44.8 84.8
272 12.9 0.0 32.5

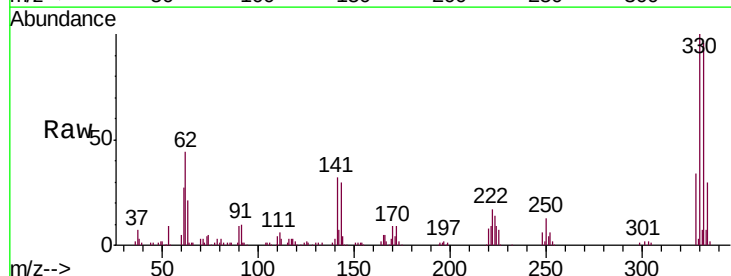


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

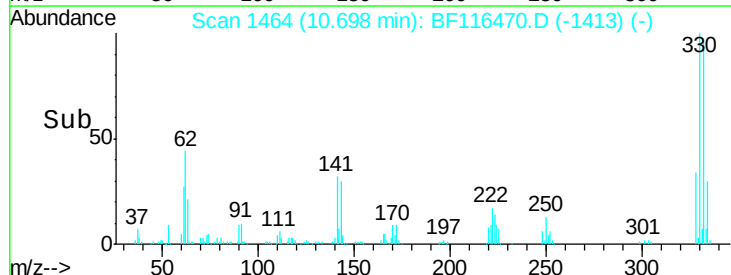
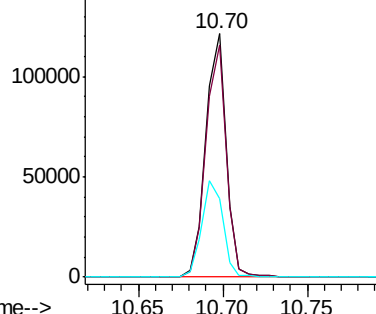


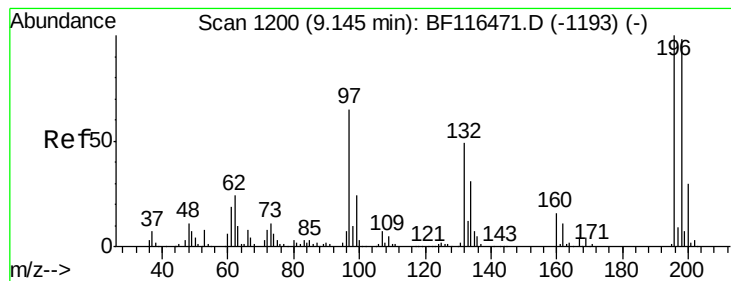
#42
2,4,6-Tribromophenol
Concen: 38.672 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion: 330 Resp: 101996
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 40.6 33.3 49.9



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





#43

2,4,6-Trichlorophenol

Concen: 21.233 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

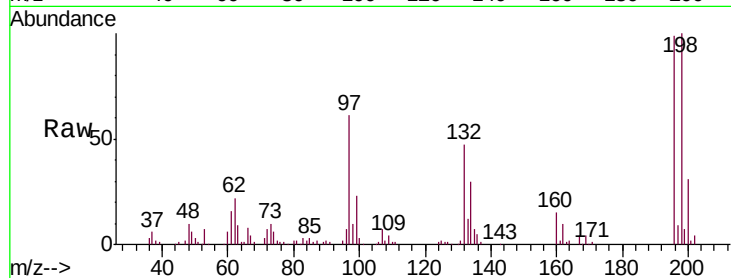
Tgt Ion:196 Resp: 106290

Ion Ratio Lower Upper

196 100

198 101.4 78.0 117.0

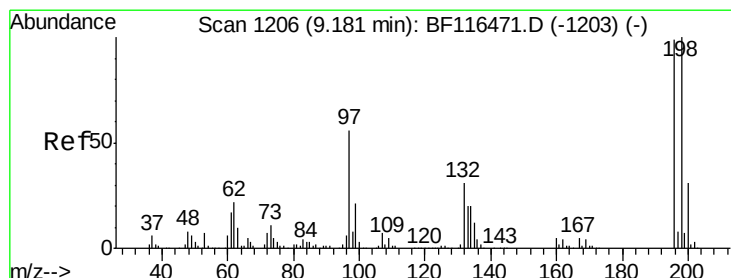
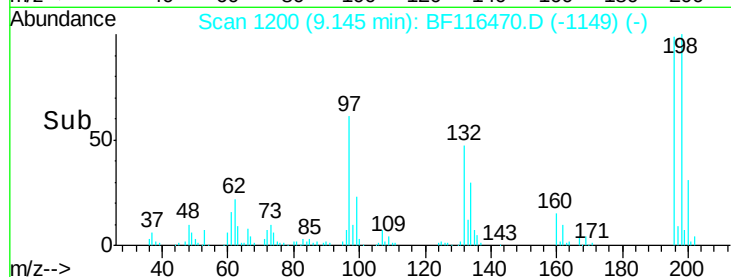
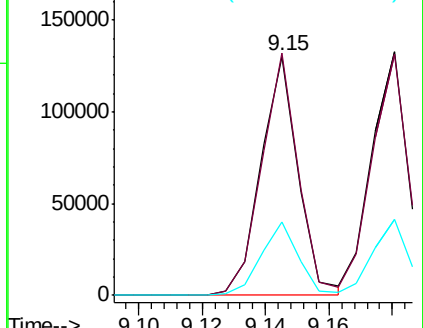
200 31.0 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 20.782 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Tgt Ion:196 Resp: 107539

Ion Ratio Lower Upper

196 100

198 98.9 80.8 121.2

97 51.2 45.7 68.5

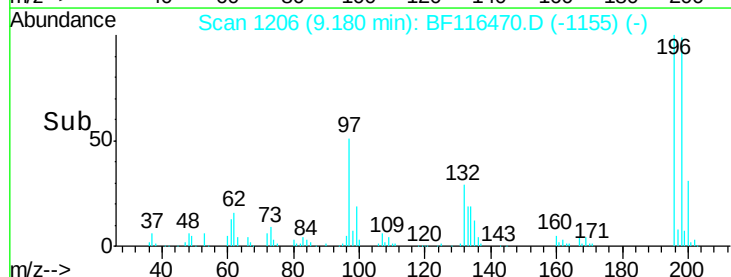
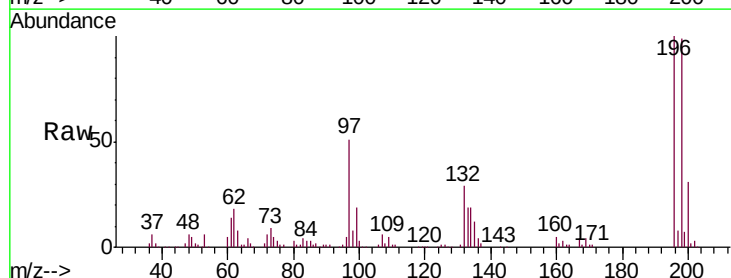
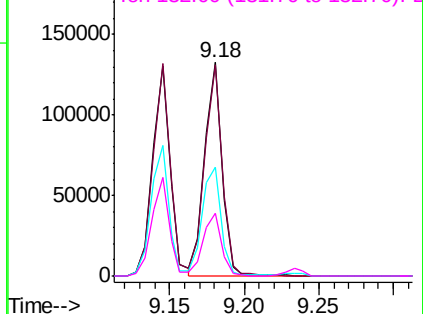
132 29.4 25.1 37.7

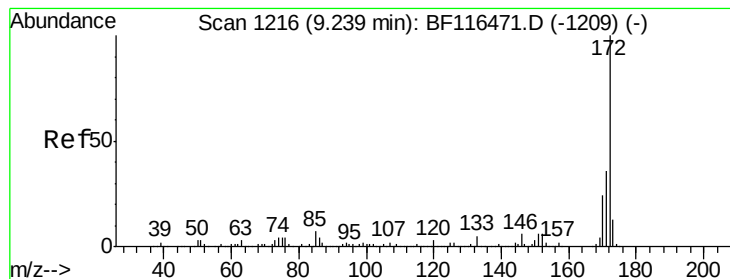
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 51.357 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

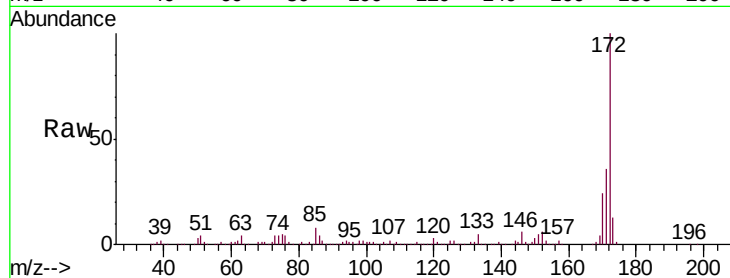
Tgt Ion:172 Resp: 745895

Ion Ratio Lower Upper

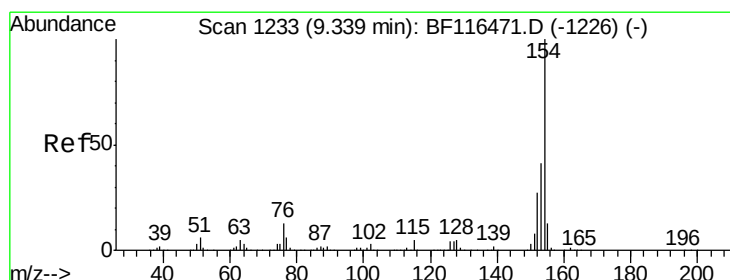
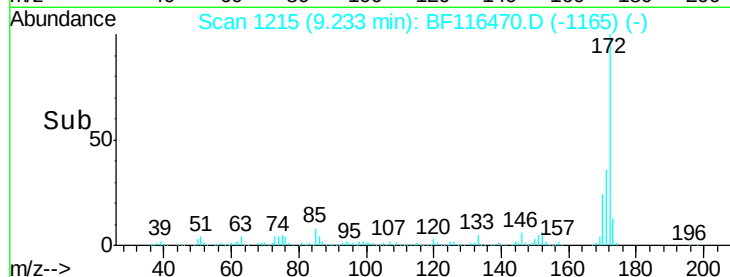
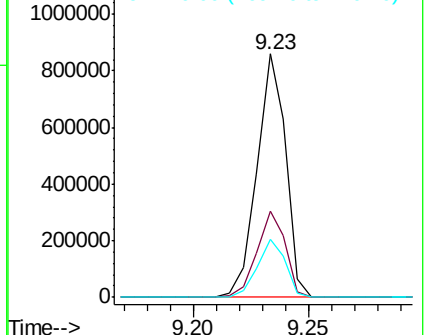
172 100

171 35.6 28.9 43.3

170 23.6 19.4 29.0



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: 24.234 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

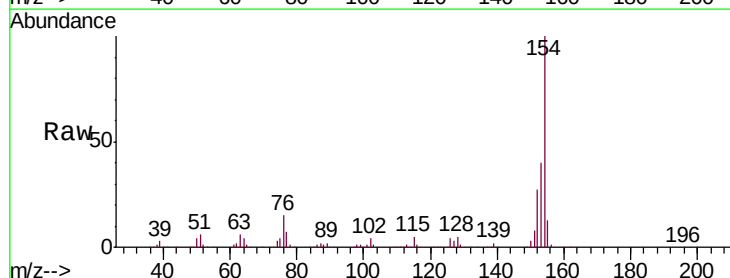
Tgt Ion:154 Resp: 465431

Ion Ratio Lower Upper

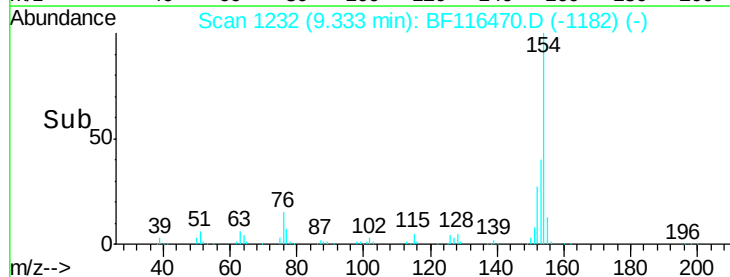
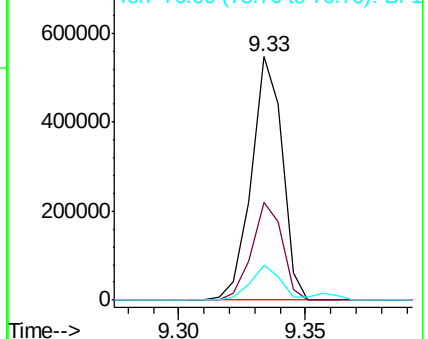
154 100

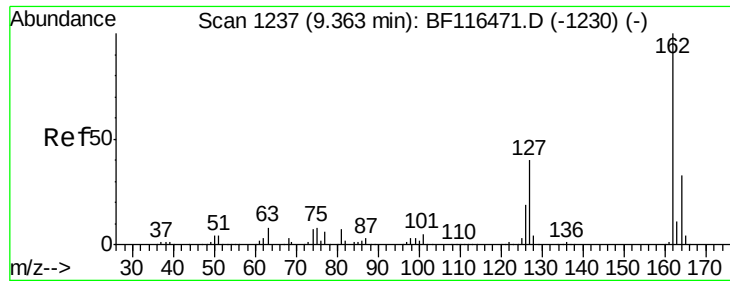
153 40.2 21.3 61.3

76 14.6 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

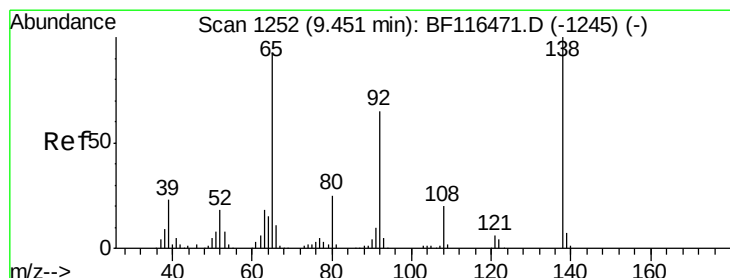
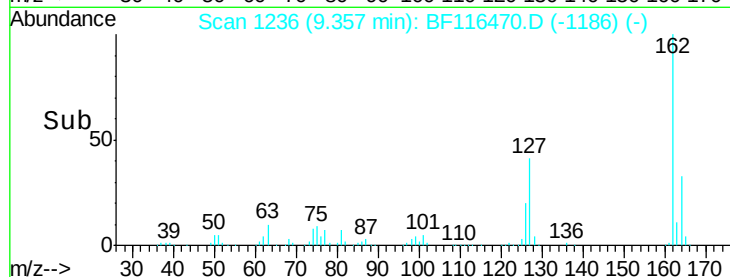
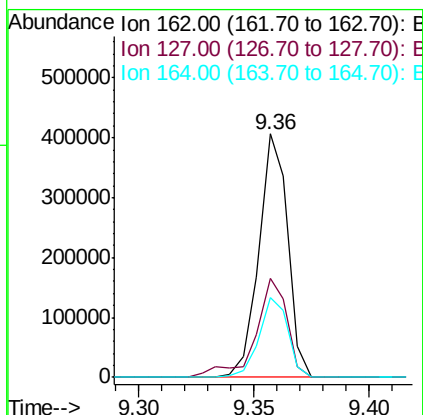
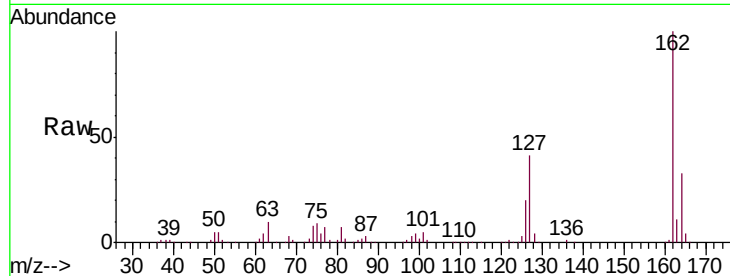




#47
 2-Chloronaphthalene
 Concen: 22.182 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

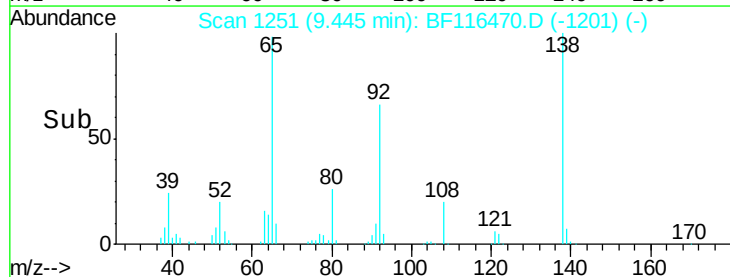
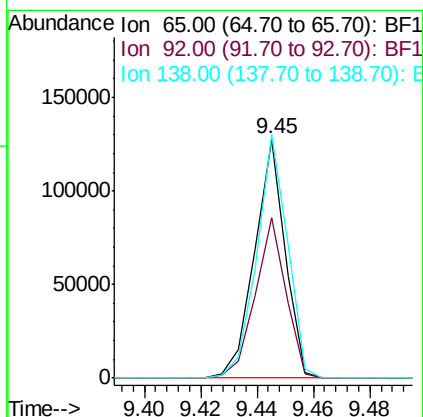
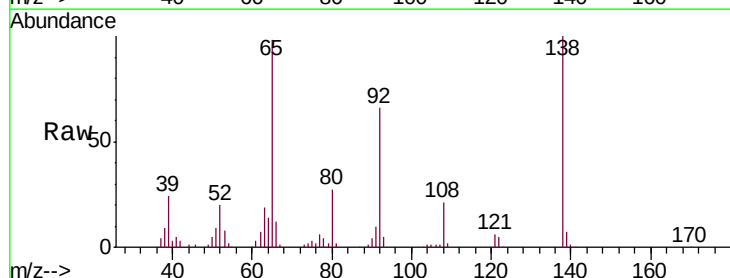
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

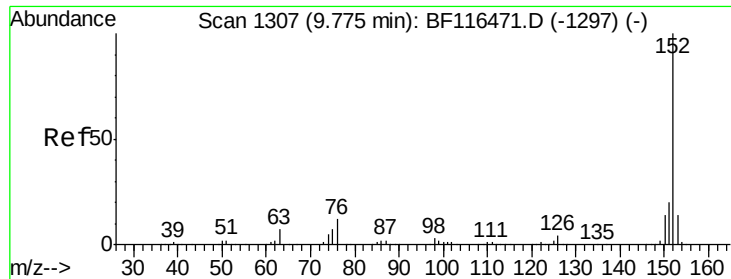
Tgt Ion: 162 Resp: 354582
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.5 48.7
 164 32.8 26.7 40.1



#48
 2-Nitroaniline
 Concen: 18.169 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion: 65 Resp: 95998
 Ion Ratio Lower Upper
 65 100
 92 66.9 56.2 84.2
 138 101.8 86.0 129.0





#49

Acenaphthylene

Concen: 22.795 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

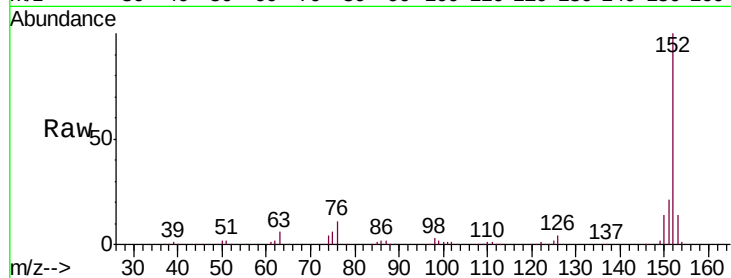
Tgt Ion:152 Resp: 531589

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

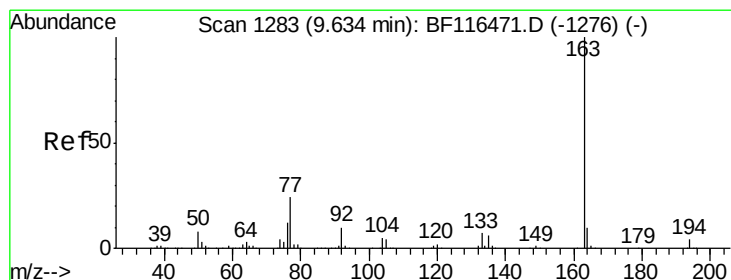
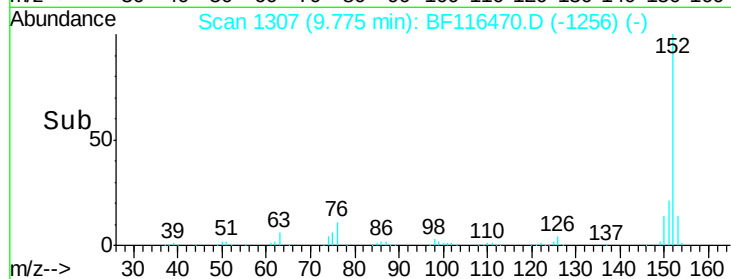
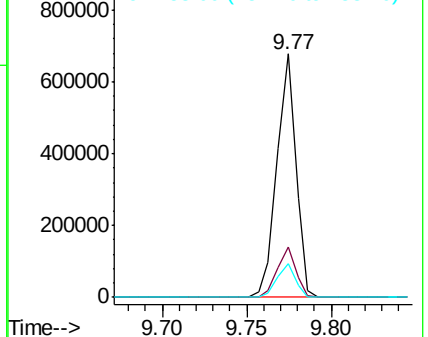
153 13.7 11.4 17.0



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: 21.789 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

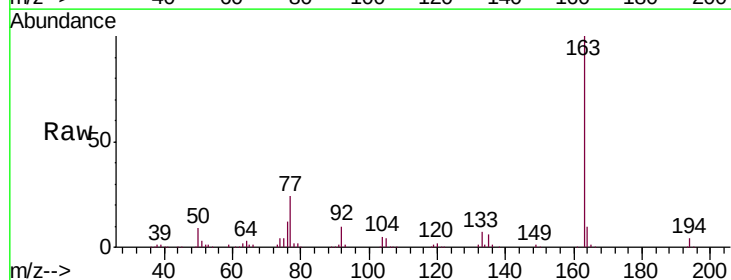
Tgt Ion:163 Resp: 403588

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

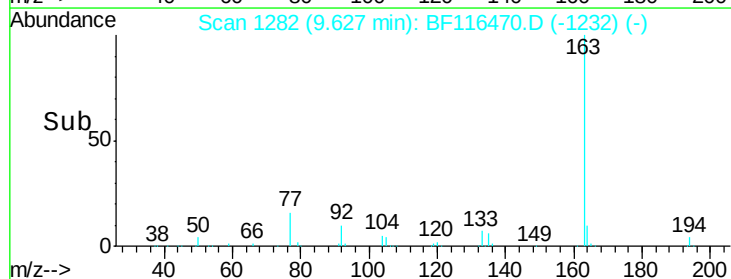
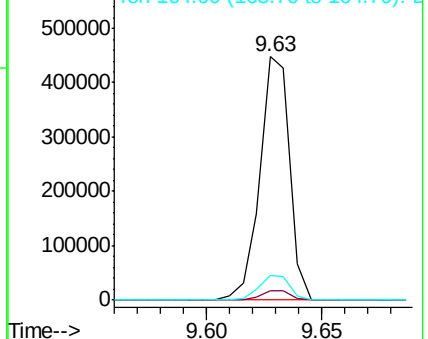
164 10.2 8.2 12.2

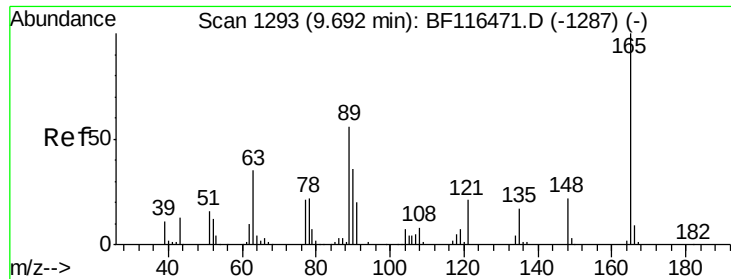


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 19.542 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

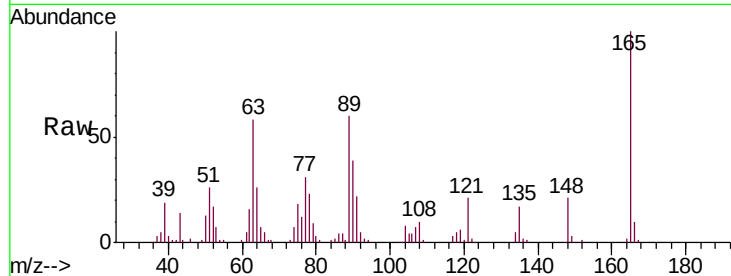
Tgt Ion:165 Resp: 78661

Ion Ratio Lower Upper

165 100

63 57.6 43.7 65.5

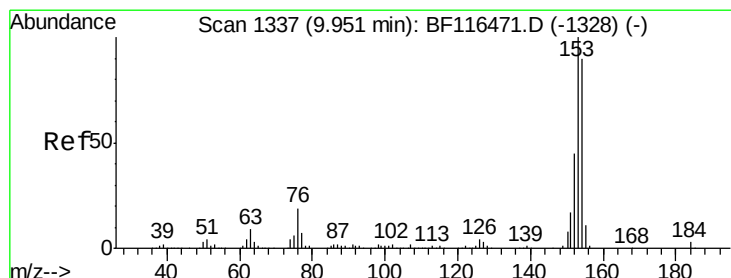
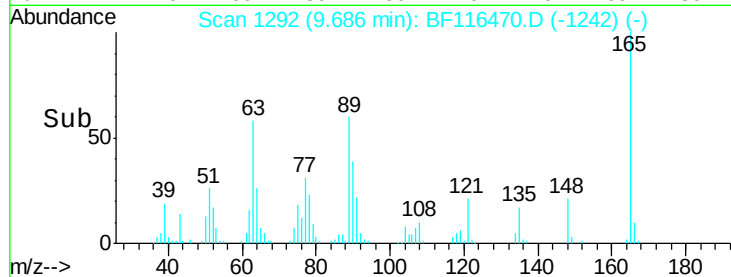
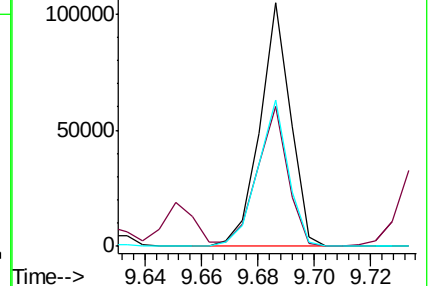
89 60.2 45.1 67.7



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: 23.278 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

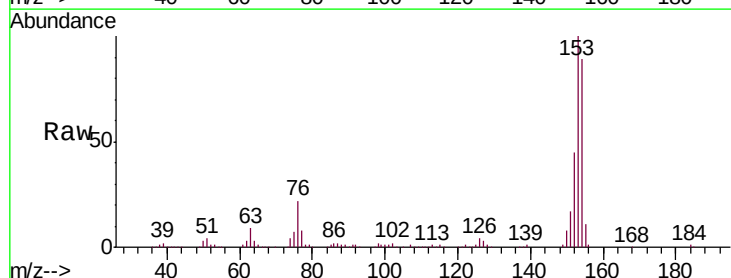
Tgt Ion:154 Resp: 333031

Ion Ratio Lower Upper

154 100

153 111.8 89.3 133.9

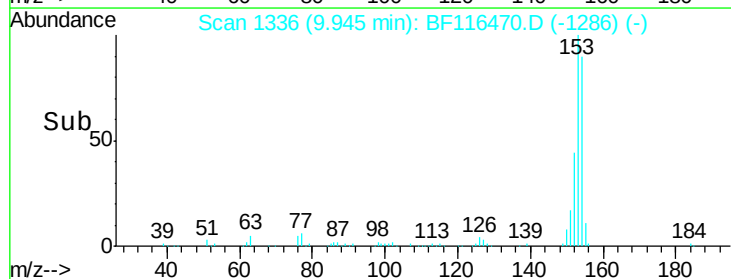
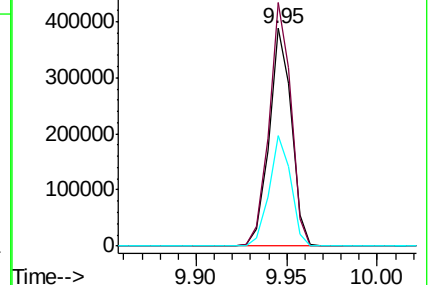
152 50.6 40.2 60.4

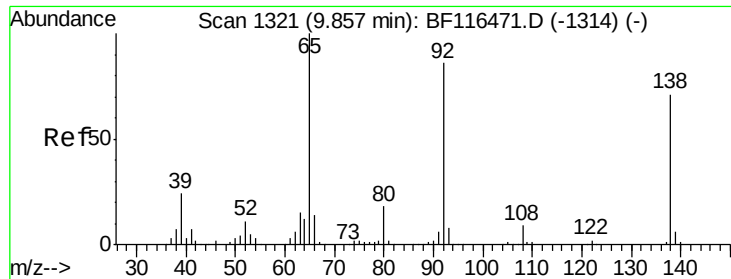


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

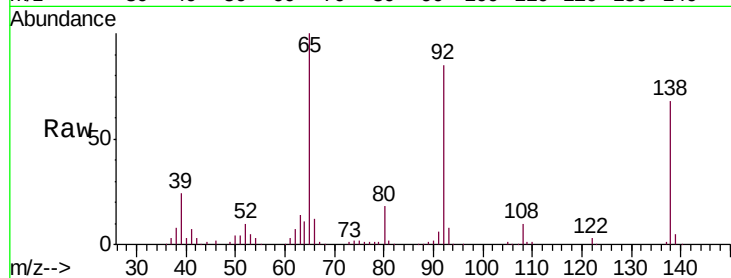




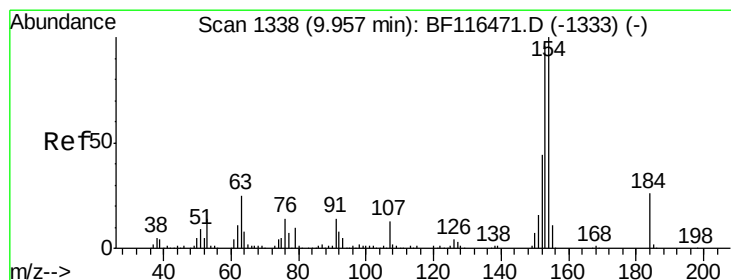
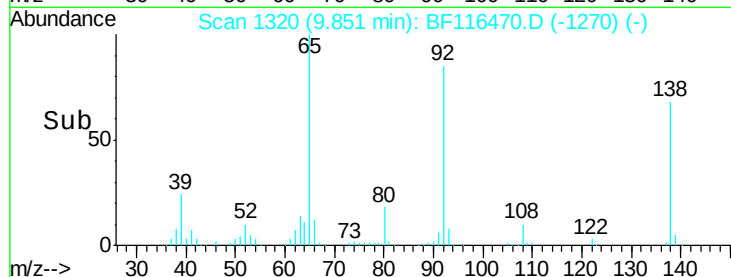
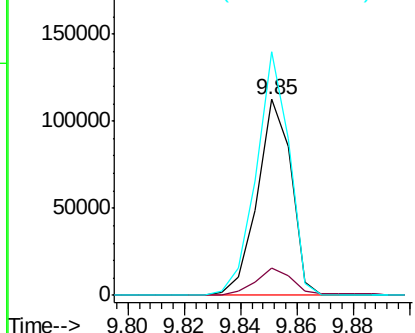
#53
3-Nitroaniline
Concen: 18.908 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion:138 Resp: 94046
Ion Ratio Lower Upper
138 100
108 14.2 10.0 15.0
92 124.2 97.7 146.5

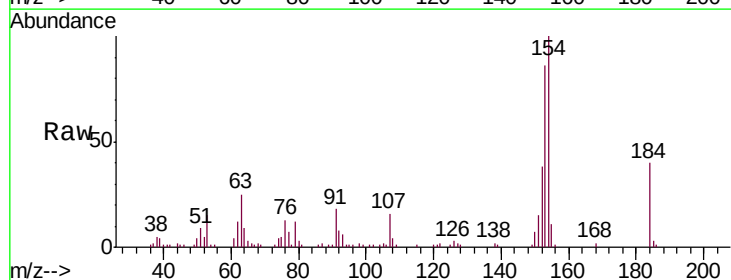


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

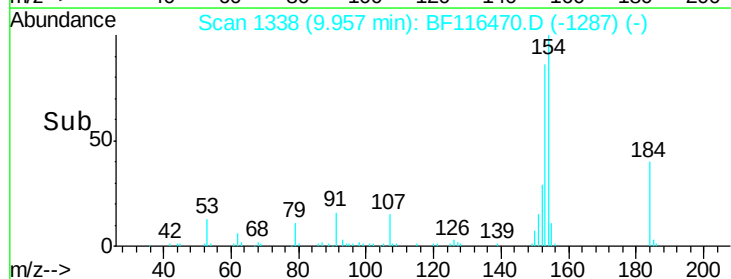
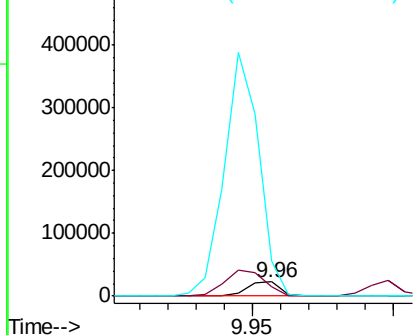


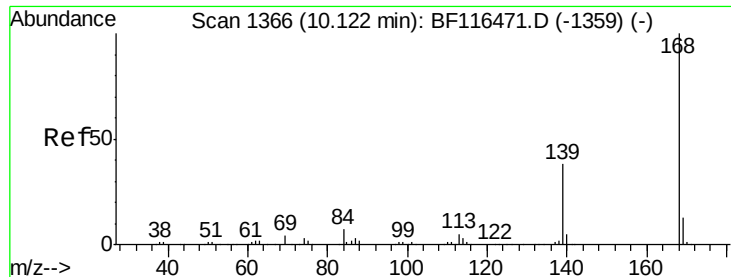
#54
2,4-Dinitrophenol
Concen: 11.078 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:184 Resp: 18935
Ion Ratio Lower Upper
184 100
63 63.7 78.2 117.4#
154 251.1 320.4 480.6#



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

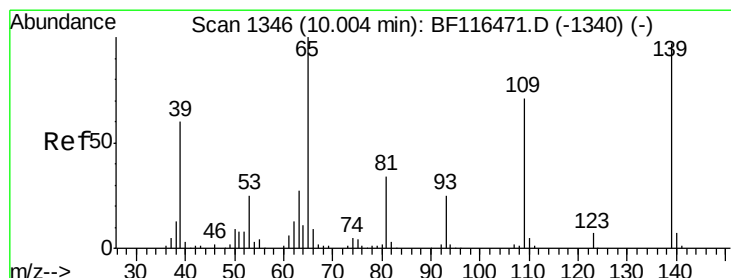
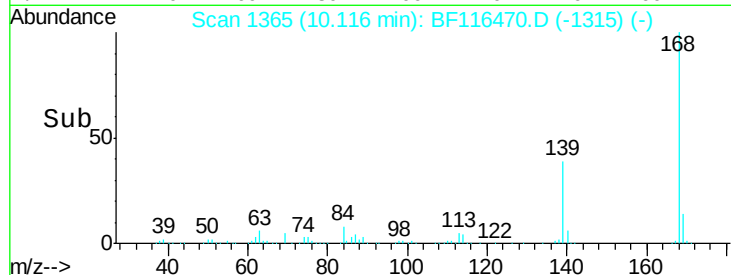
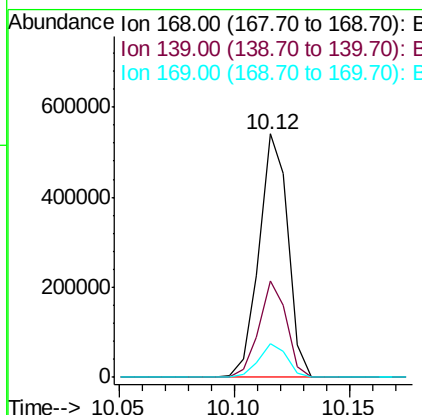
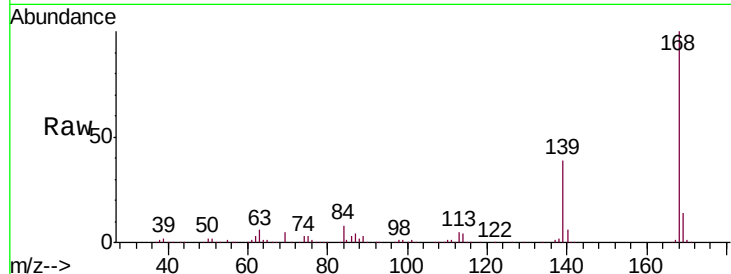




#55
Dibenzenofuran
Concen: 22.704 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

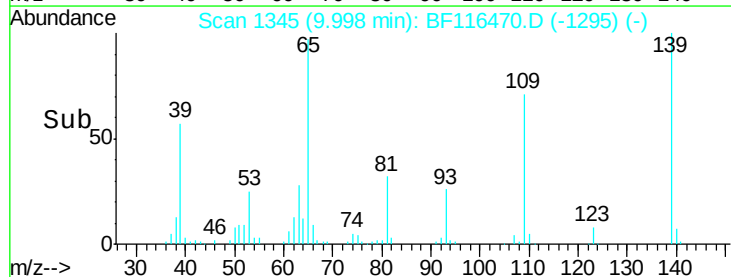
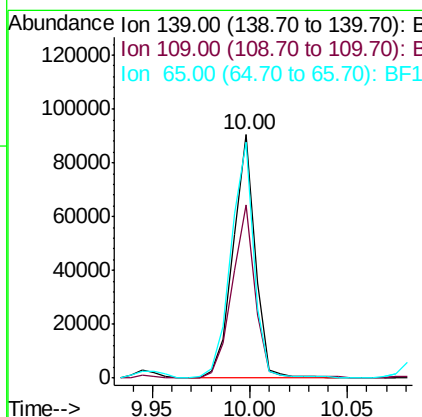
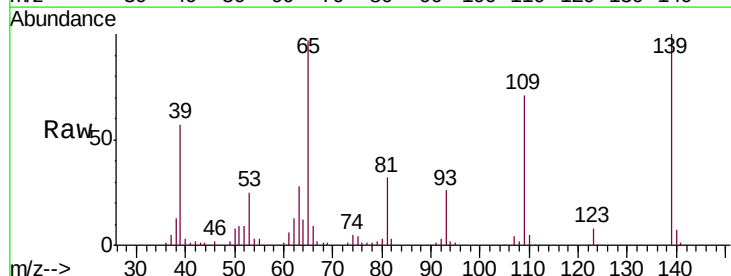
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

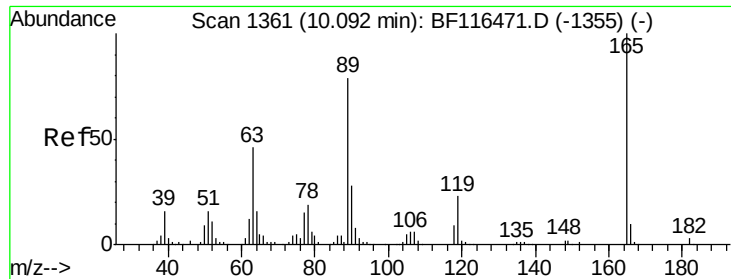
Tgt Ion:168 Resp: 472381
Ion Ratio Lower Upper
168 100
139 39.4 30.7 46.1
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 22.429 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:139 Resp: 71465
Ion Ratio Lower Upper
139 100
109 70.9 53.4 93.4
65 97.1 83.0 123.0

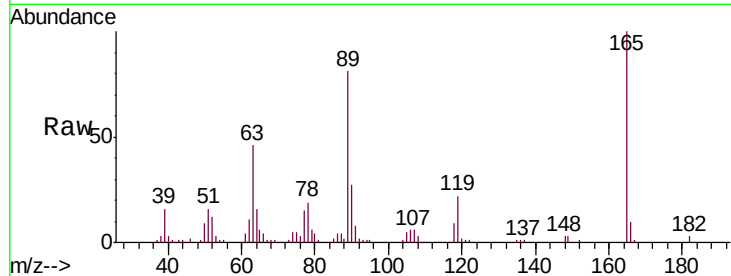




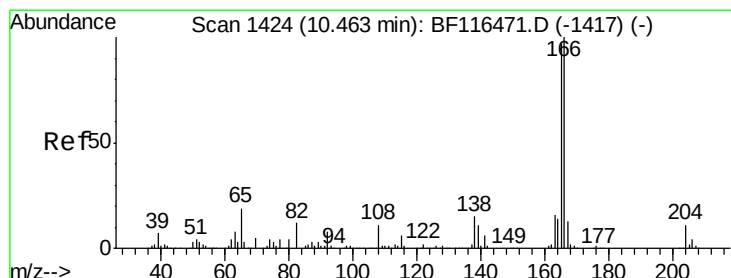
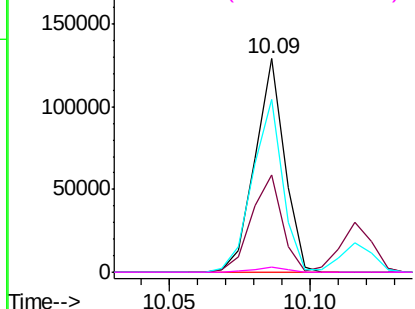
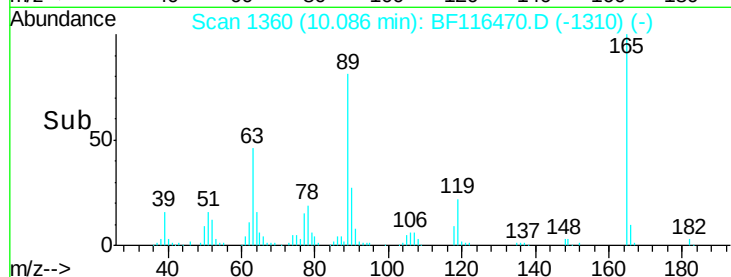
#57
2,4-Dinitrotoluene
Concen: 17.546 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion:	165	Resp:	94033
Ion	Ratio	Lower	Upper
165	100		
63	45.7	36.9	55.3
89	80.7	63.4	95.0
182	2.5	2.1	3.1

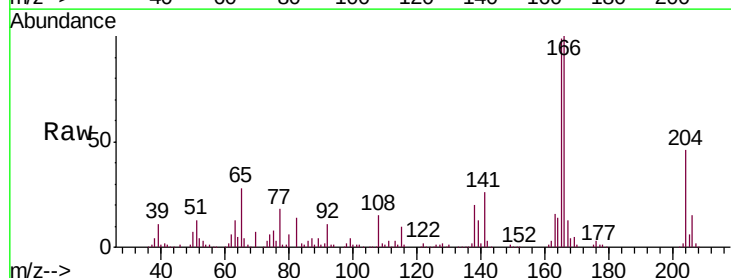


Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

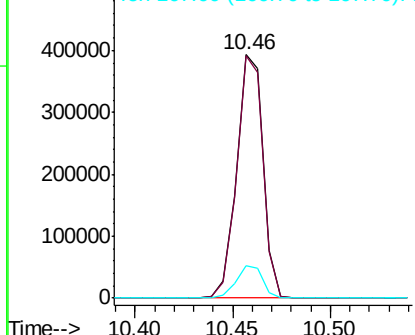
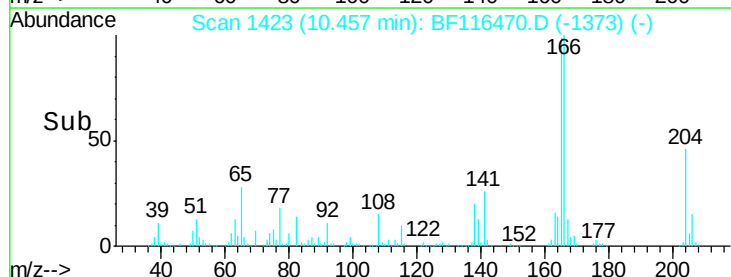


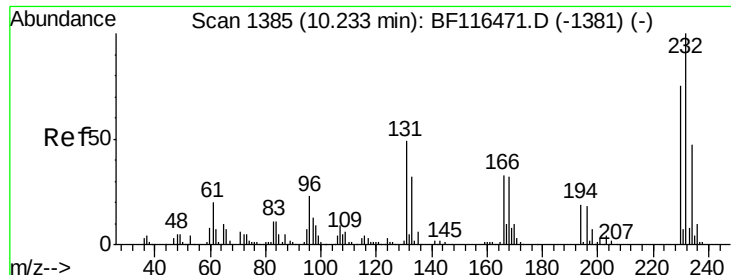
#58
Fluorene
Concen: 22.897 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:	166	Resp:	366527
Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.4	116.0
167	13.4	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

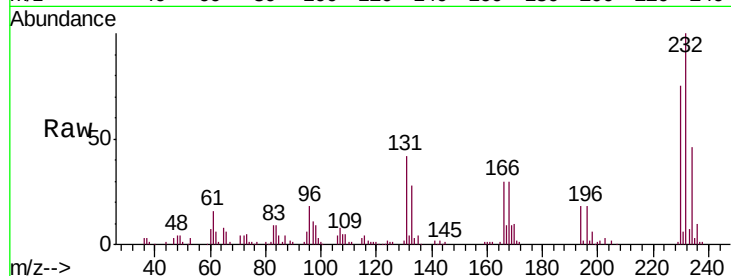




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.346 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	40.8	61.2
130	2.3	1.8	2.8
166	32.2	26.8	40.2



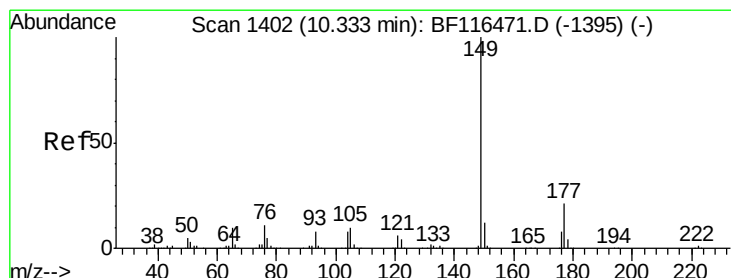
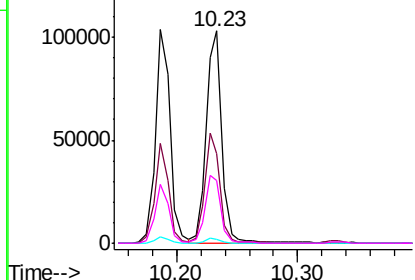
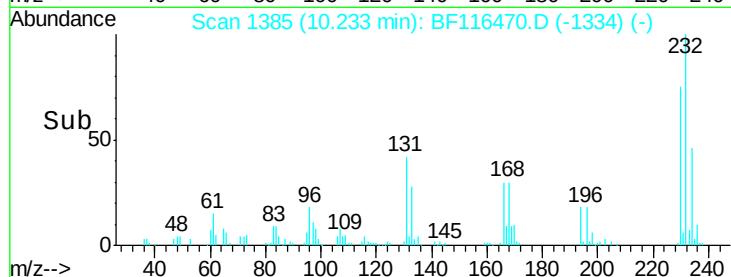
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

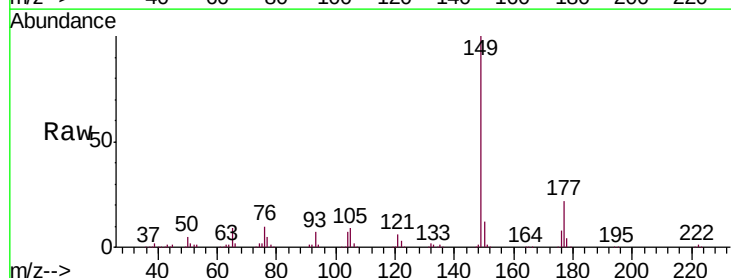
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 23.355 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.1	9.8	14.6

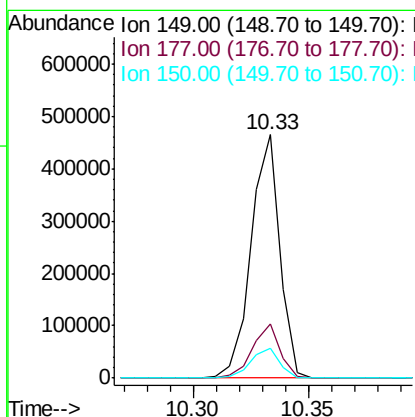
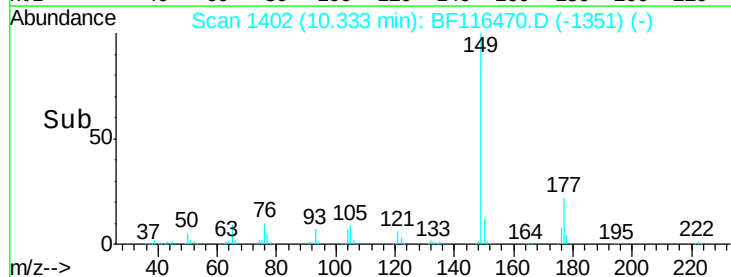


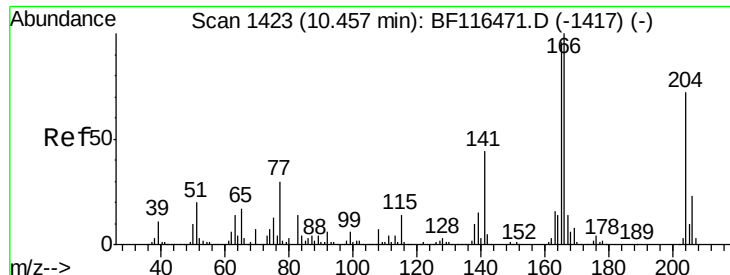
Abundance

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

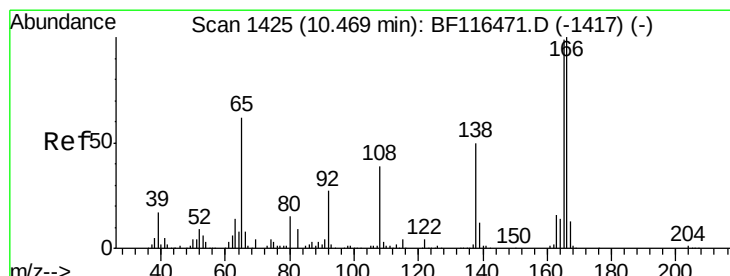
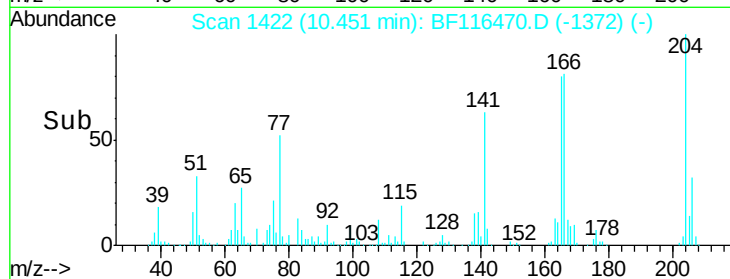
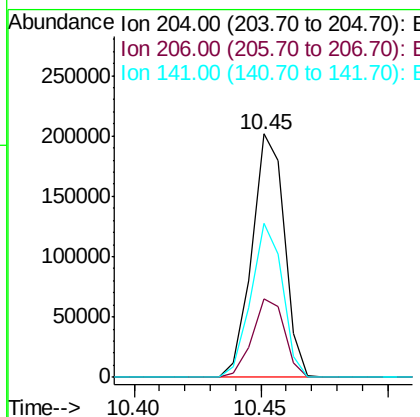
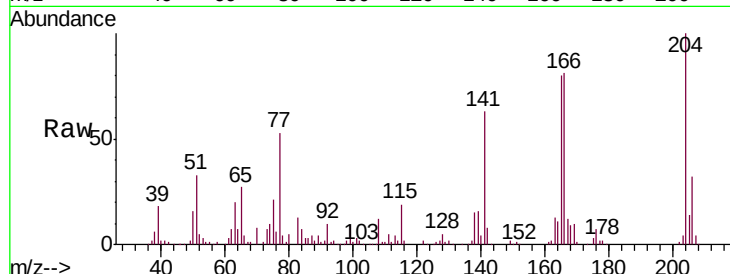




#61
 4-Chlorophenyl-phenylether
 Concen: 22.305 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

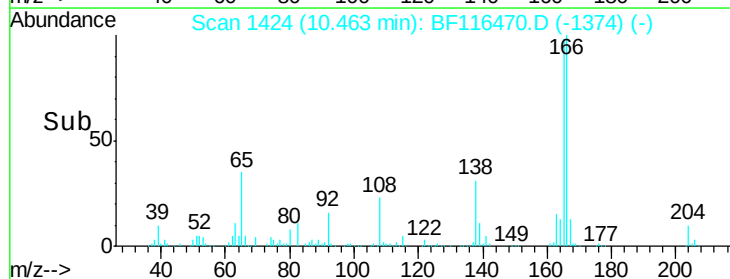
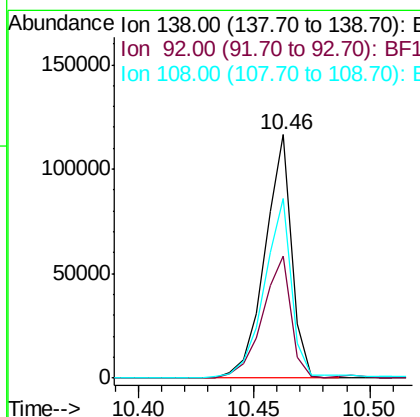
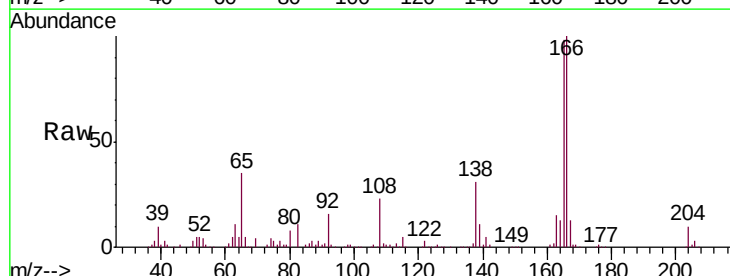
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

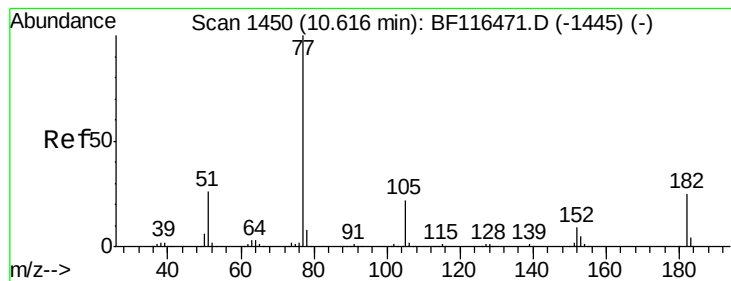
Tgt Ion:204 Resp: 180823
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 63.4 48.6 73.0



#62
 4-Nitroaniline
 Concen: 18.224 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion:138 Resp: 93674
 Ion Ratio Lower Upper
 138 100
 92 50.3 34.9 74.9
 108 73.9 57.7 97.7





#63

Azobenzene

Concen: 23.192 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tgt Ion: 77 Resp: 412516

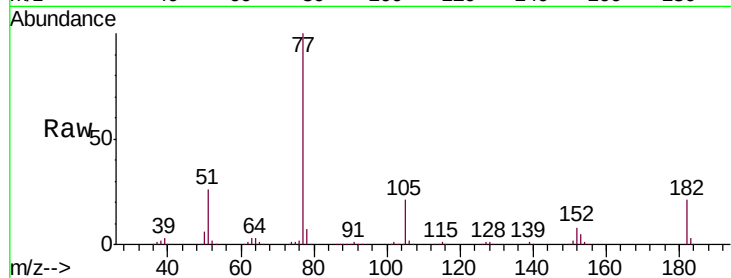
Ion Ratio Lower Upper

77 100

182 21.1 5.4 45.4

105 20.8 1.6 41.6

51 26.5 6.2 46.2

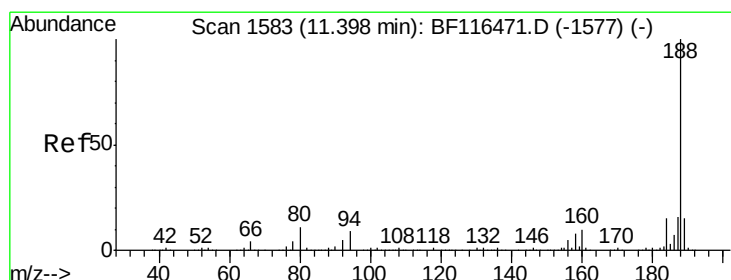
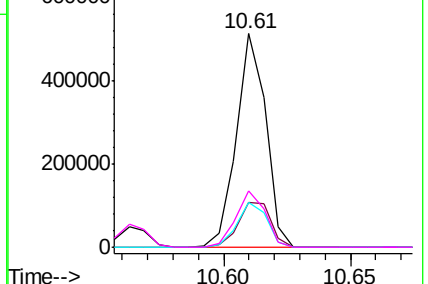
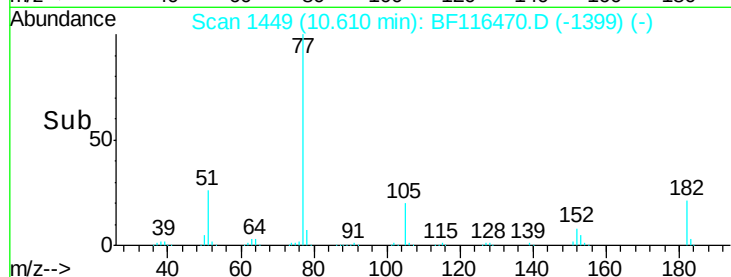


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

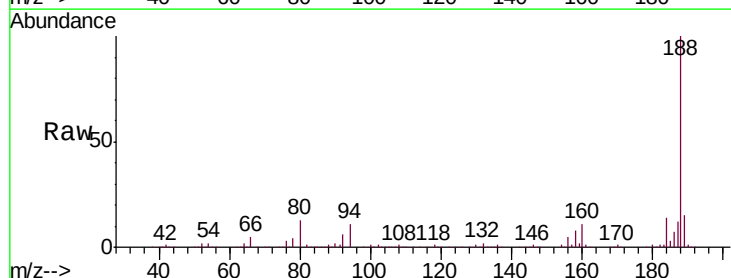
Tgt Ion: 188 Resp: 481655

Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

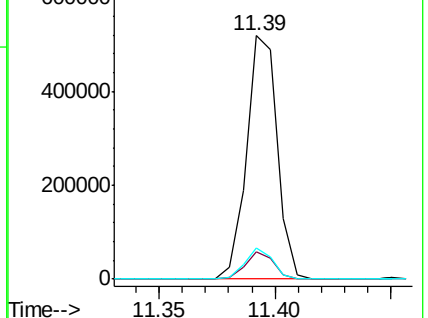
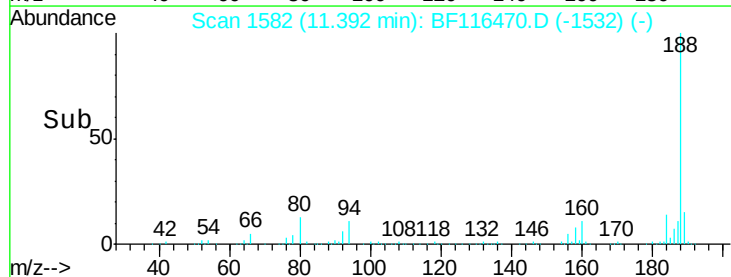
80 13.0 8.6 12.8#

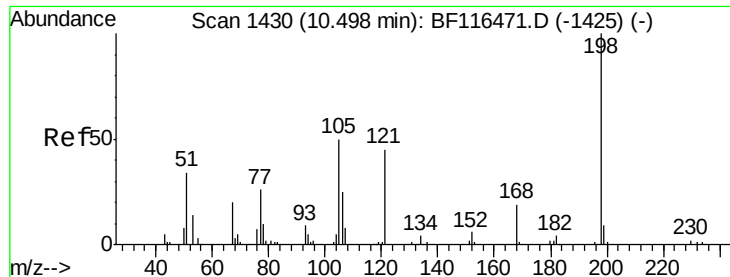


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 11.577 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

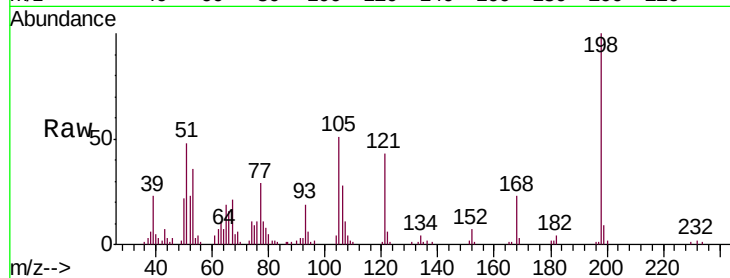
Tgt Ion:198 Resp: 29549

Ion Ratio Lower Upper

198 100

51 48.4 30.4 70.4

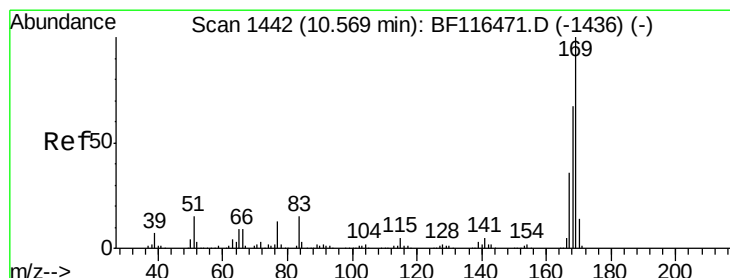
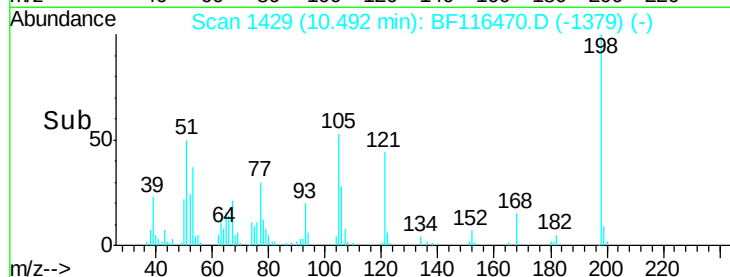
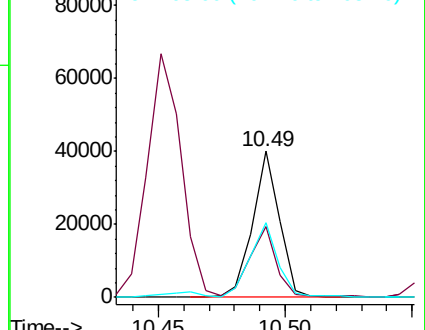
105 51.2 32.8 72.8



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: 22.938 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

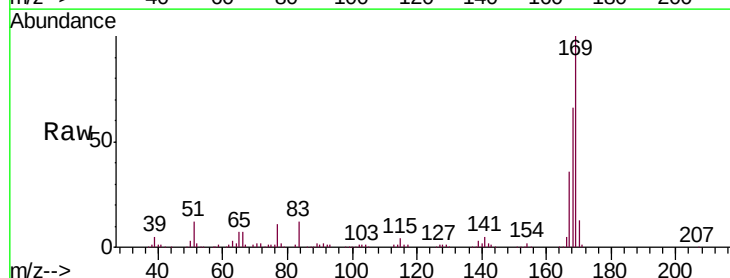
Tgt Ion:169 Resp: 332542

Ion Ratio Lower Upper

169 100

168 66.2 53.6 80.4

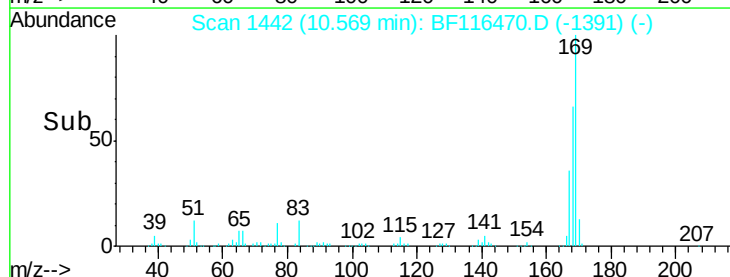
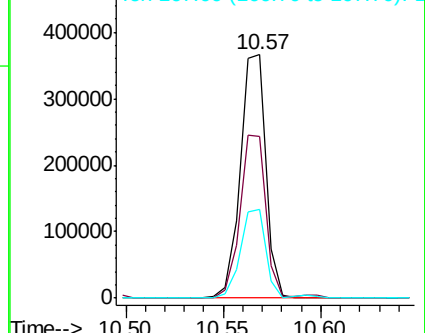
167 36.3 28.7 43.1

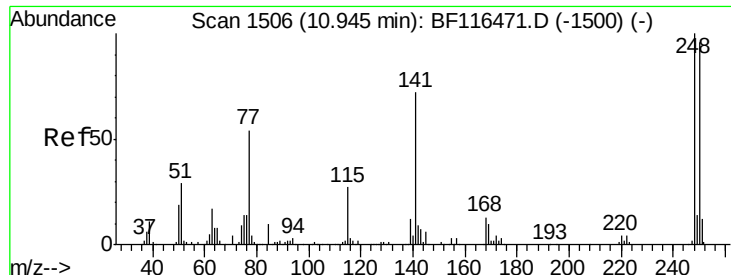


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

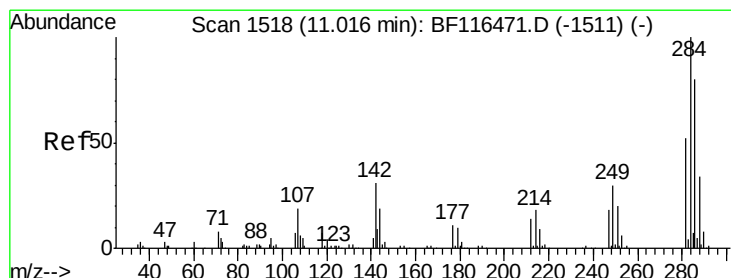
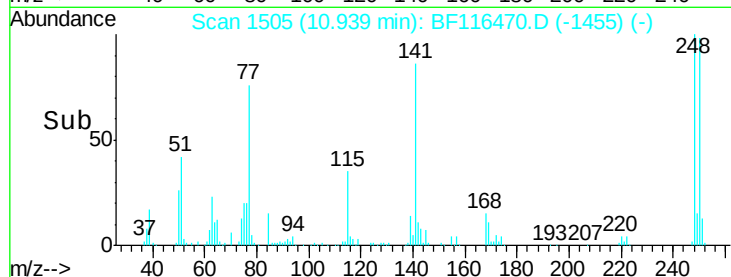
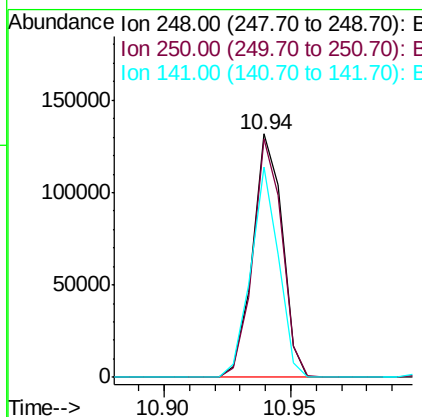
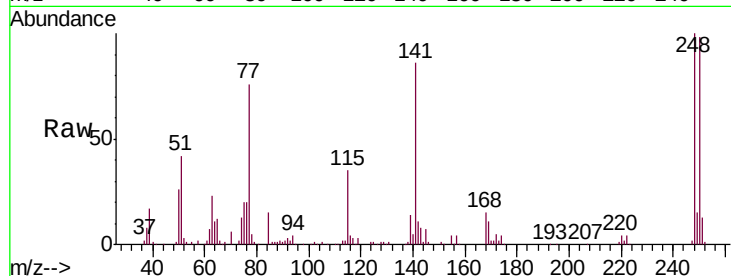




#67
 4-Bromophenyl-phenylether
 Concen: 20.871 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

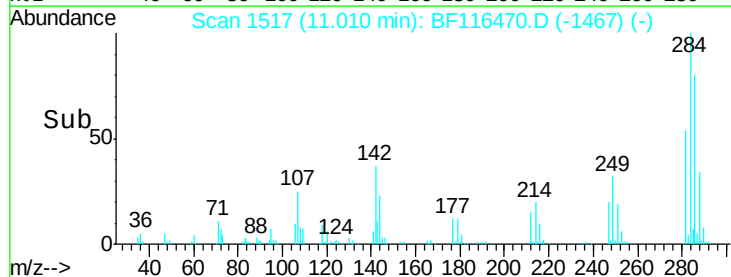
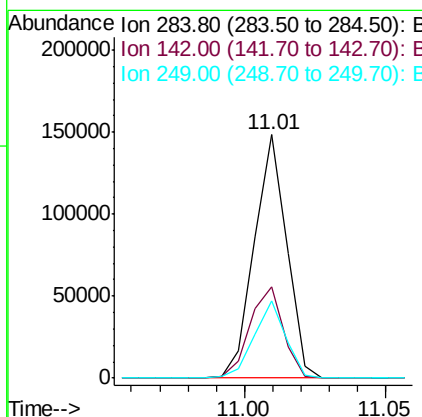
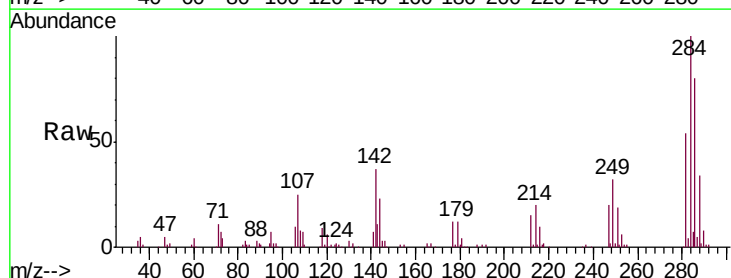
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC020

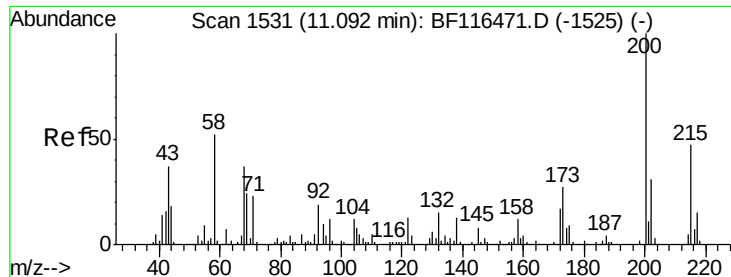
Tgt Ion: 248 Resp: 107611
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.0 115.6
 141 86.3 57.4 86.0#



#68
 Hexachlorobenzene
 Concen: 19.803 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion: 284 Resp: 118070
 Ion Ratio Lower Upper
 284 100
 142 37.5 24.6 36.8#
 249 31.8 24.1 36.1





#69

Atrazine

Concen: 21.776 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

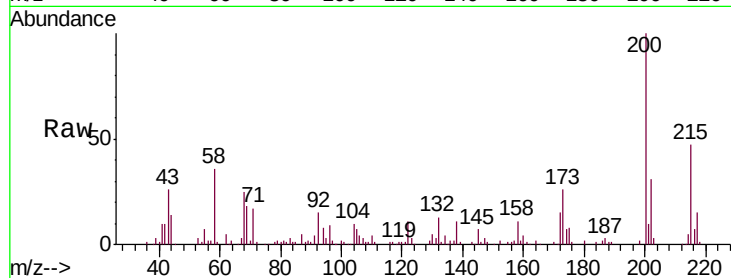
Tgt Ion:200 Resp: 103857

Ion Ratio Lower Upper

200 100

173 25.6 7.3 47.3

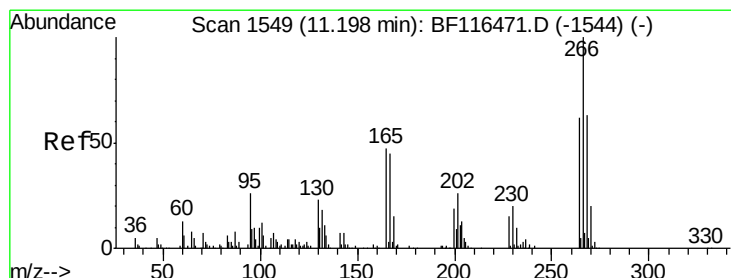
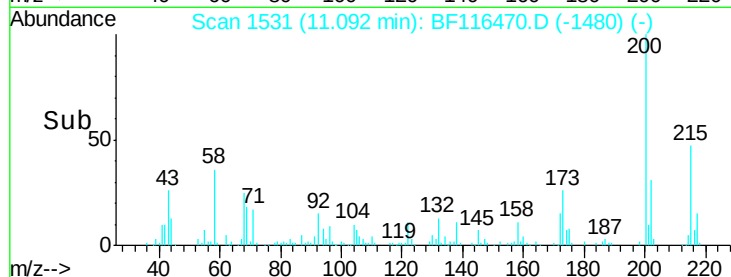
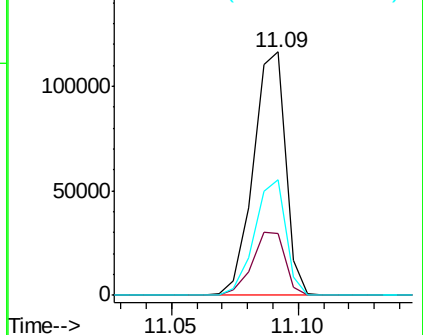
215 47.3 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 23.071 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

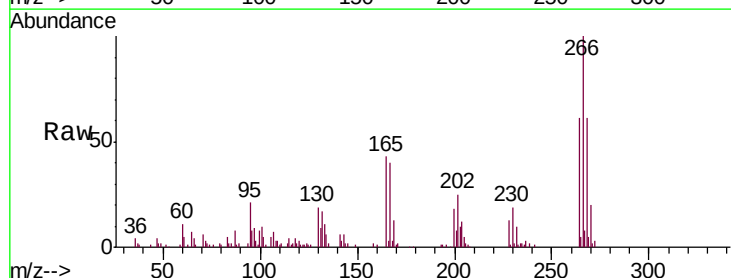
Tgt Ion:266 Resp: 66782

Ion Ratio Lower Upper

266 100

268 61.3 50.7 76.1

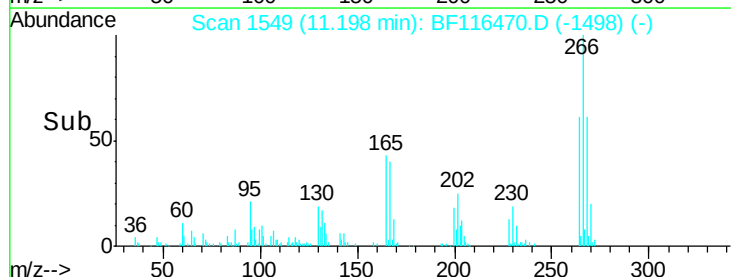
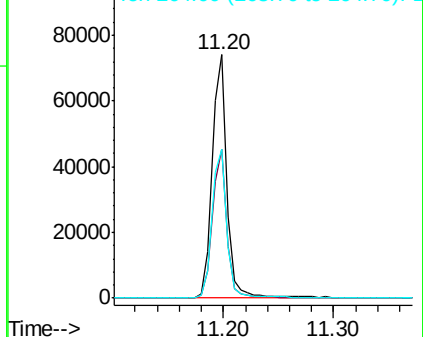
264 61.3 50.0 75.0

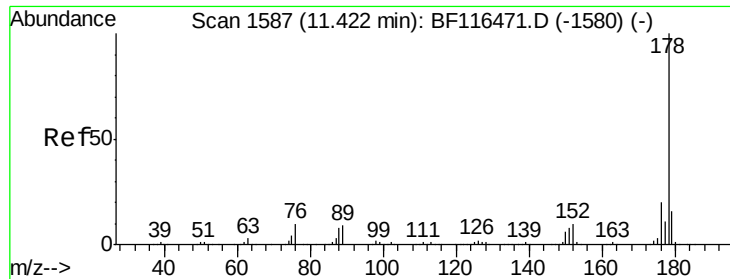


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

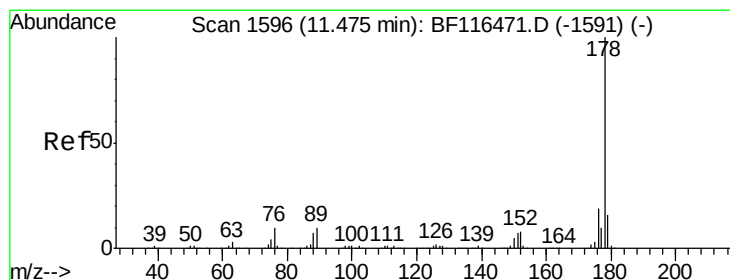
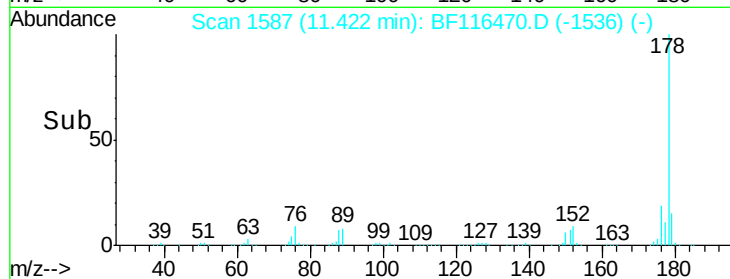
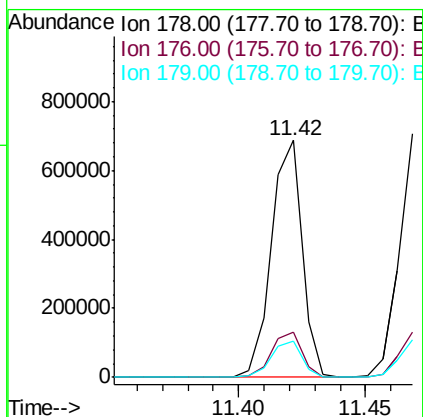
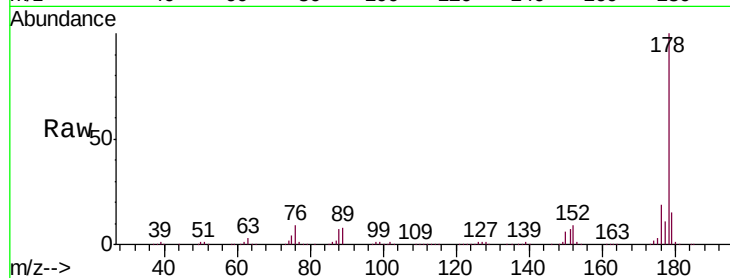




#71
 Phenanthrene
 Concen: 23.482 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

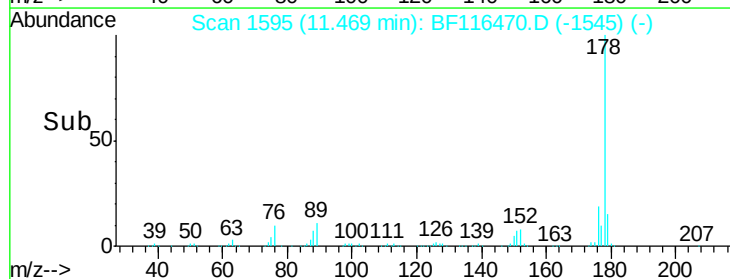
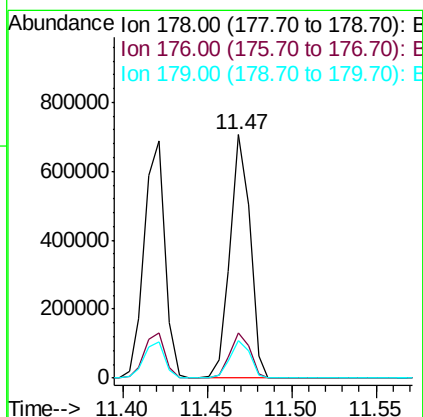
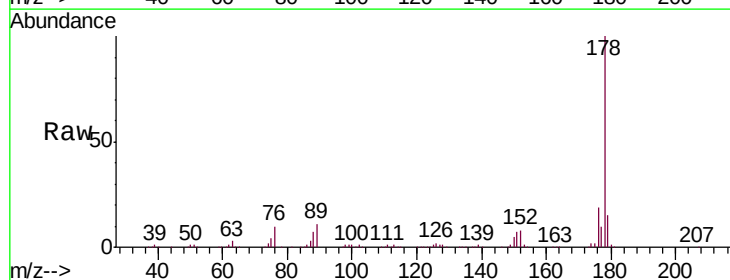
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

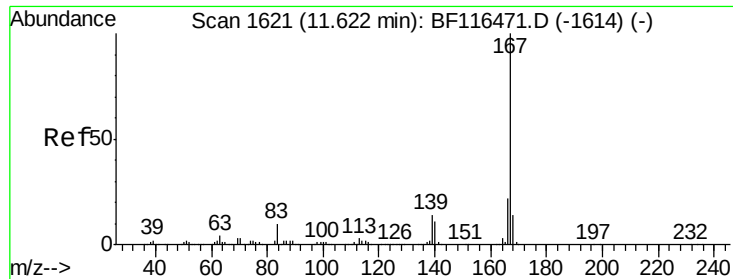
Tgt Ion:178 Resp: 578209
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.3 12.8 19.2



#72
 Anthracene
 Concen: 23.276 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion:178 Resp: 580026
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.3 12.5 18.7

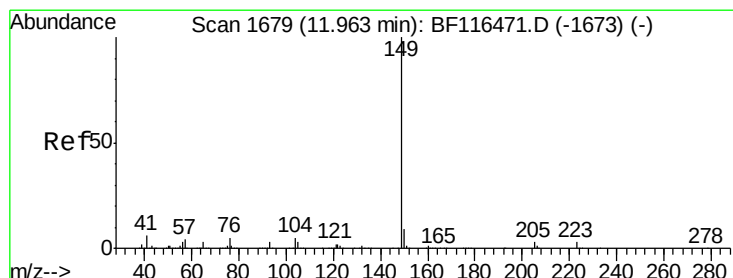
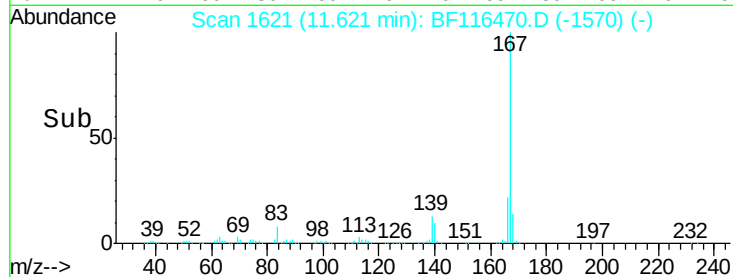
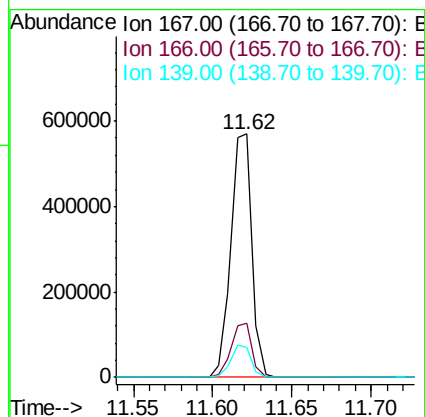
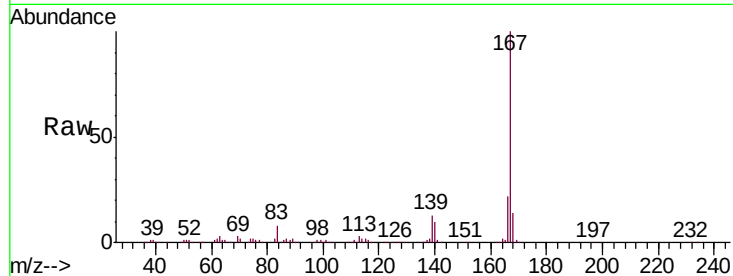




#73
 Carbazole
 Concen: 23.139 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

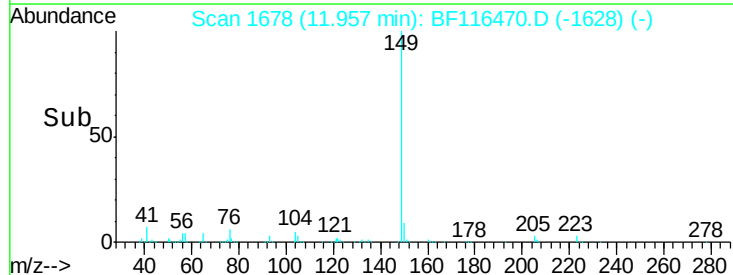
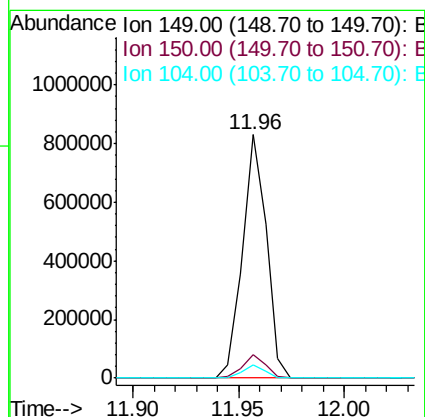
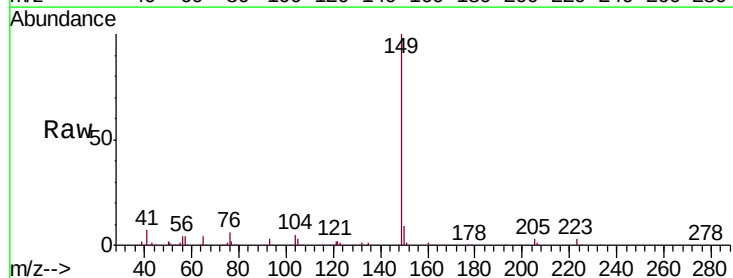
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

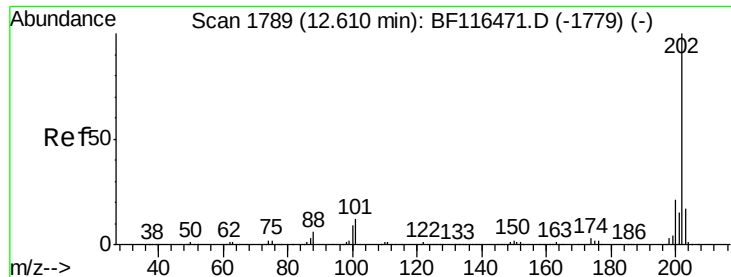
Tgt Ion:167 Resp: 523144
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 12.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 24.497 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116470.D
 Acq: 23 Aug 2019 10:40

Tgt Ion:149 Resp: 646071
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 23.432 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

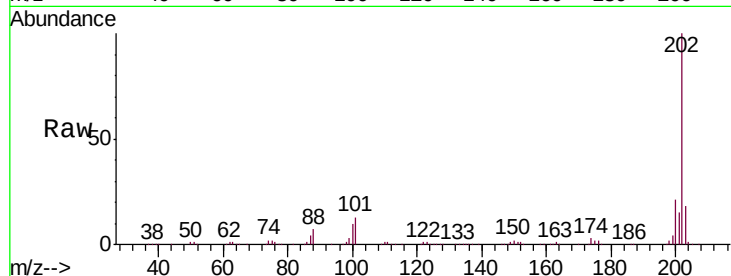
Tgt Ion: 202 Resp: 604020

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

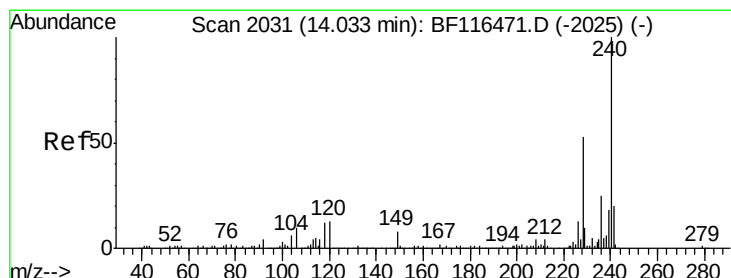
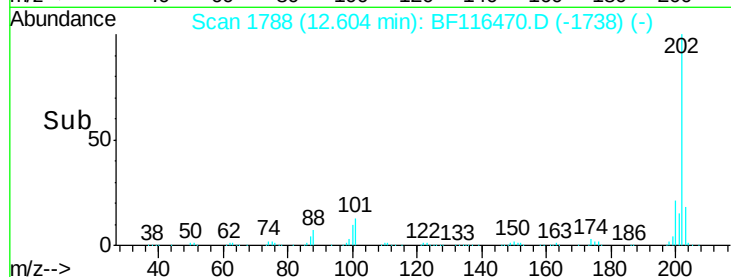
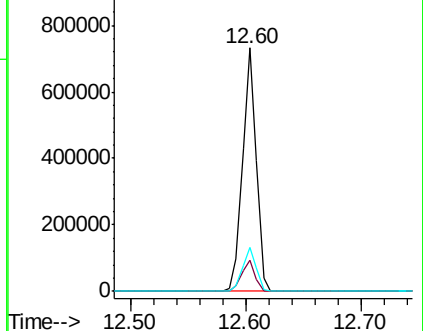
203 17.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

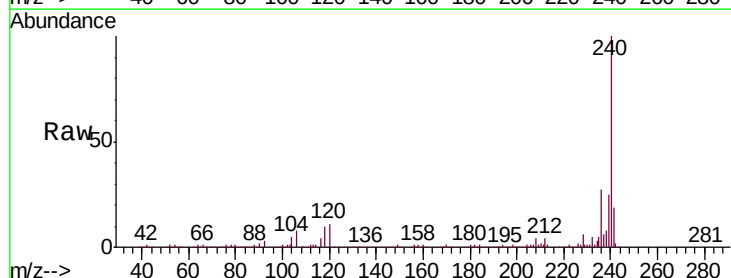
Tgt Ion: 240 Resp: 383472

Ion Ratio Lower Upper

240 100

120 11.0 10.5 15.7

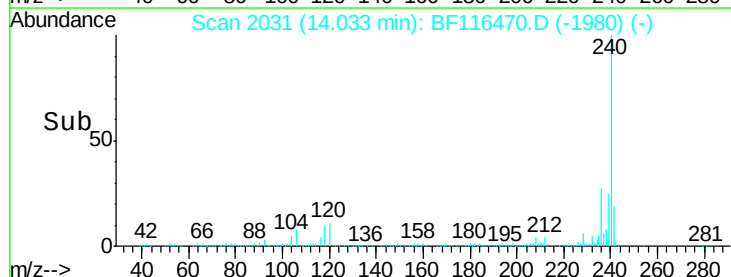
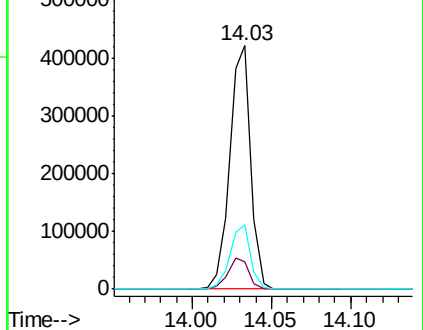
236 26.6 20.2 30.2

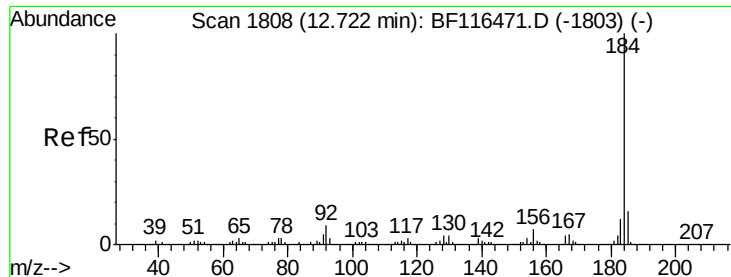


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.777 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

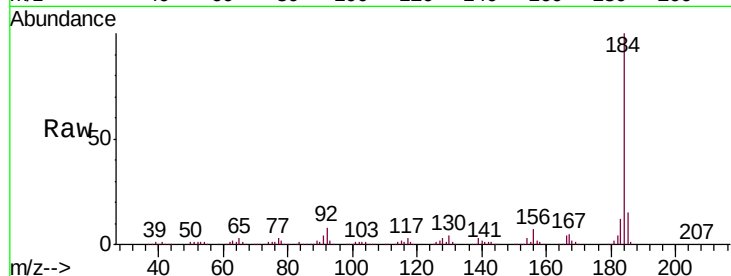
Tgt Ion:184 Resp: 346901

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.4

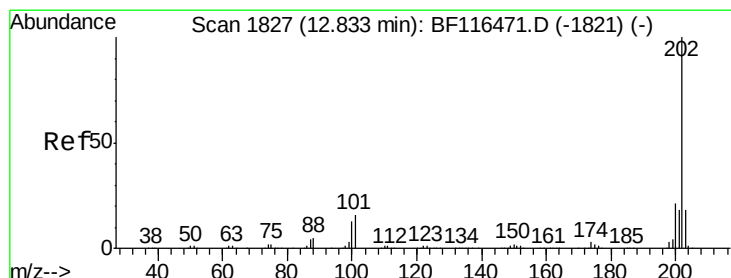
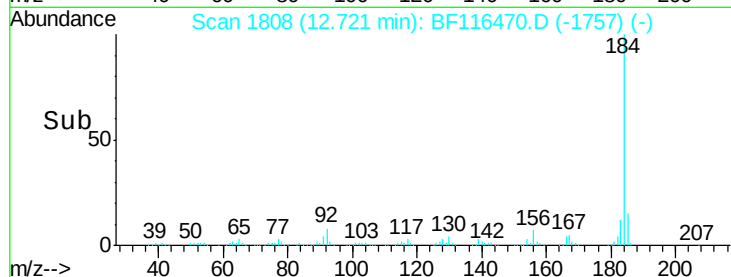
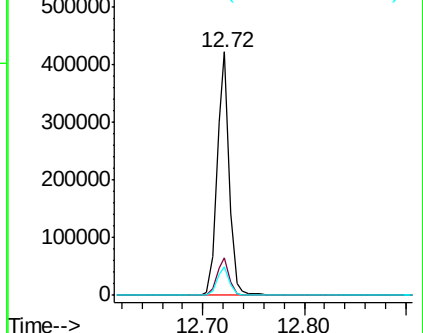
183 11.8 9.8 14.6



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: 21.593 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

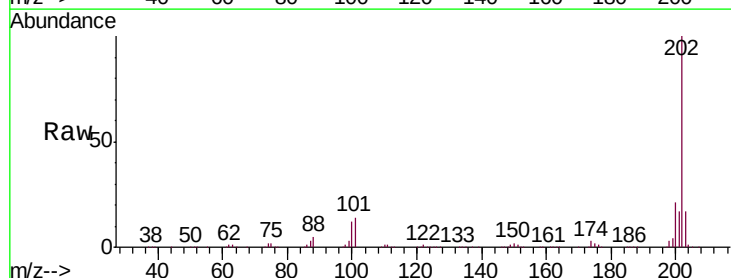
Tgt Ion:202 Resp: 624175

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

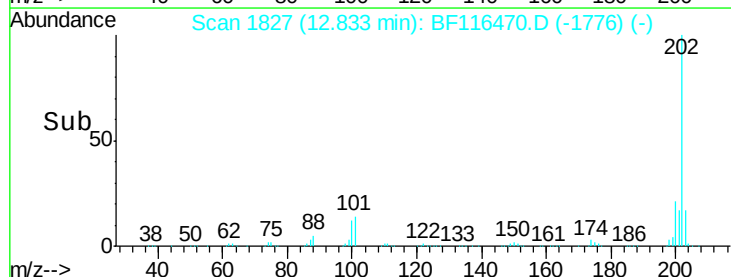
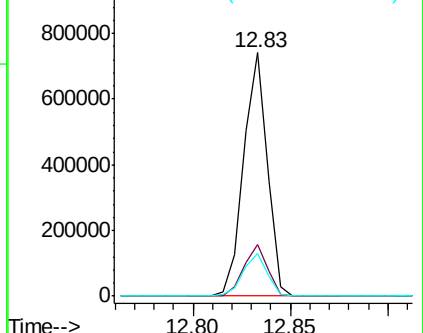
203 17.5 14.2 21.4

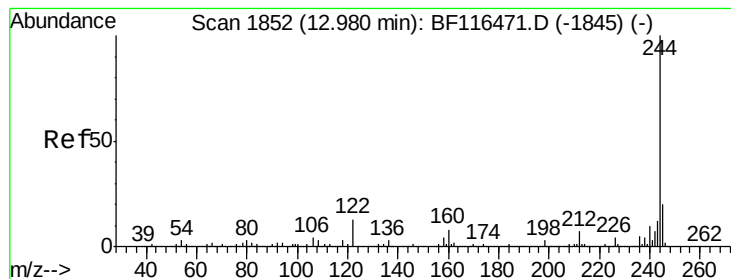


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.650 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

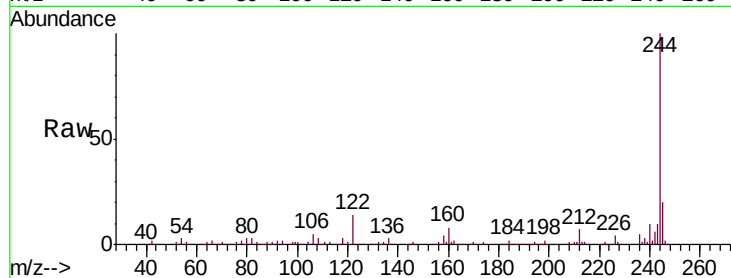
Tgt Ion:244 Resp: 867152

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

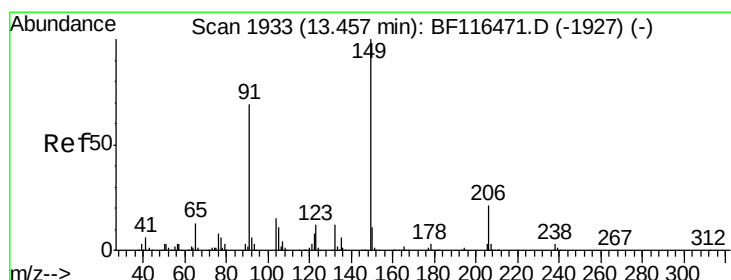
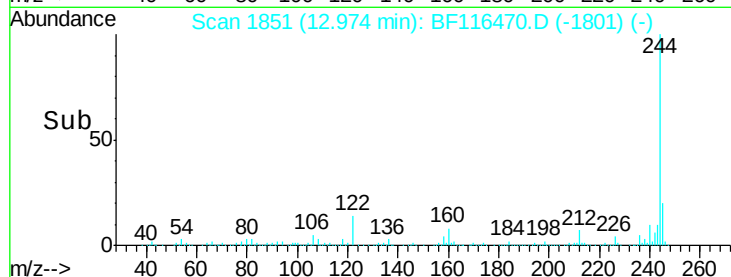
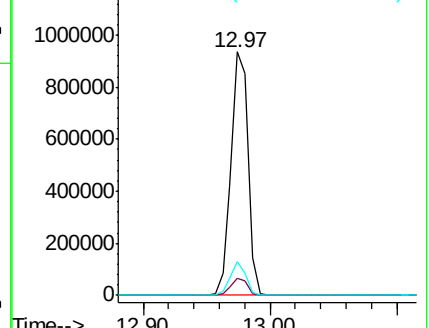
122 13.7 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 21.777 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

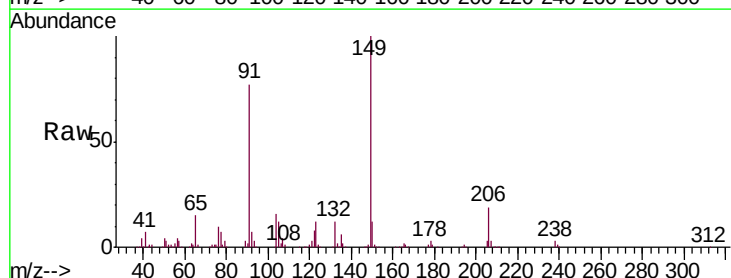
Tgt Ion:149 Resp: 266286

Ion Ratio Lower Upper

149 100

91 76.6 54.9 82.3

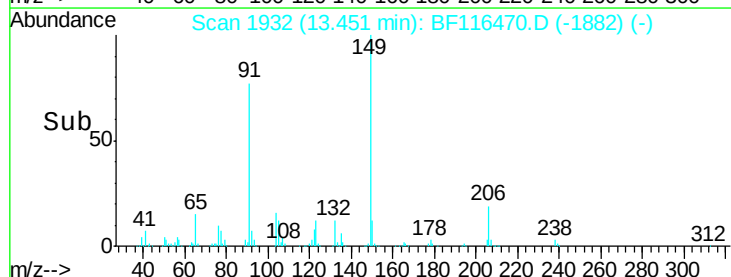
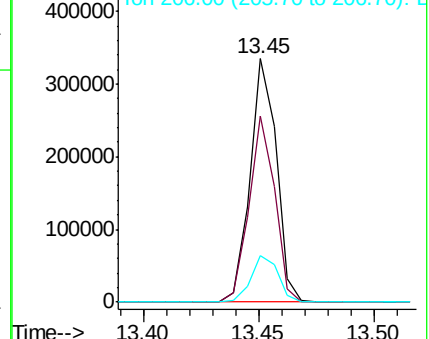
206 19.3 16.6 24.8

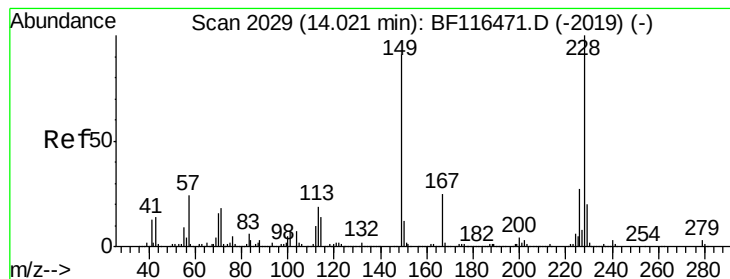


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.212 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

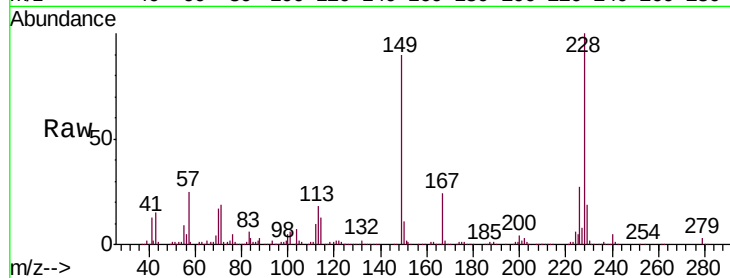
Tgt Ion:228 Resp: 544418

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

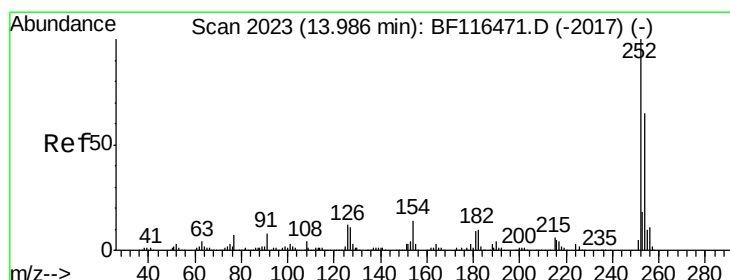
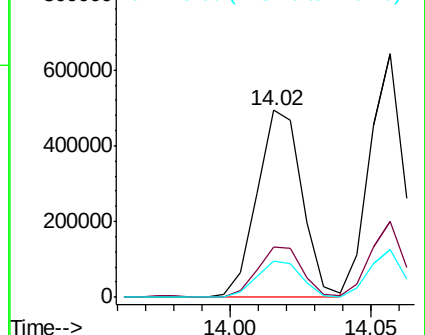
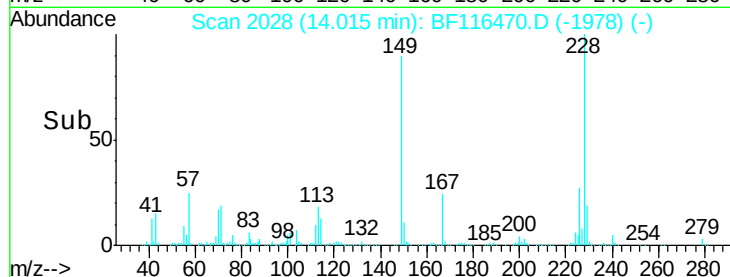
229 19.4 15.9 23.9



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: 22.630 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

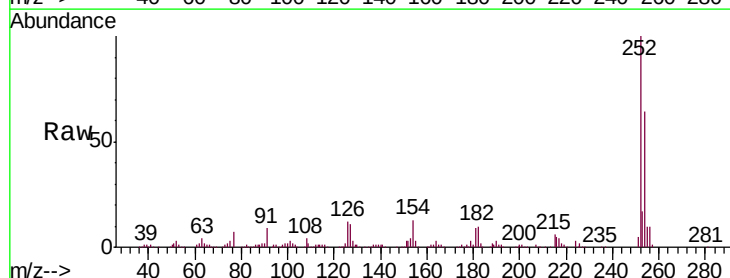
Tgt Ion:252 Resp: 192701

Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

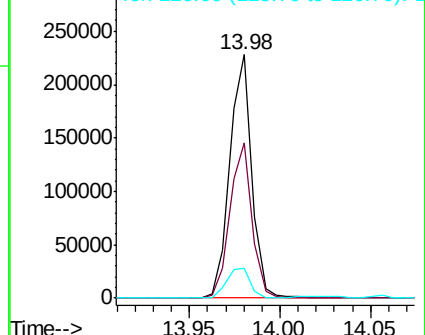
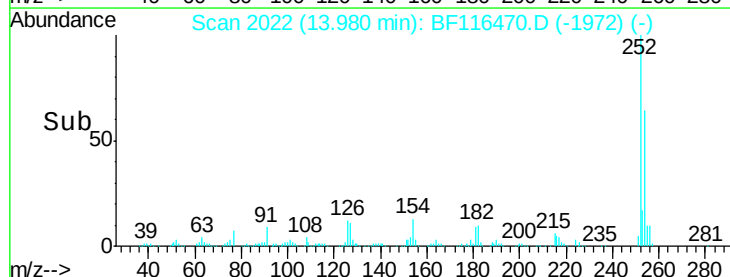
126 12.0 9.4 14.0

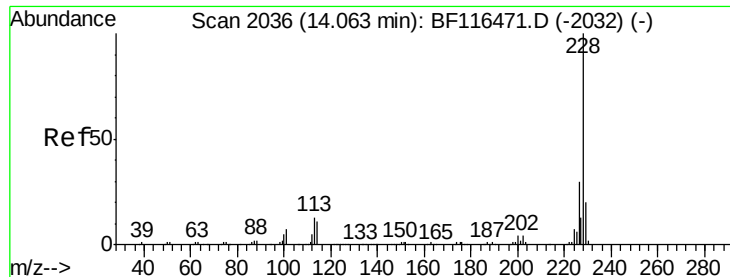


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 22.322 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

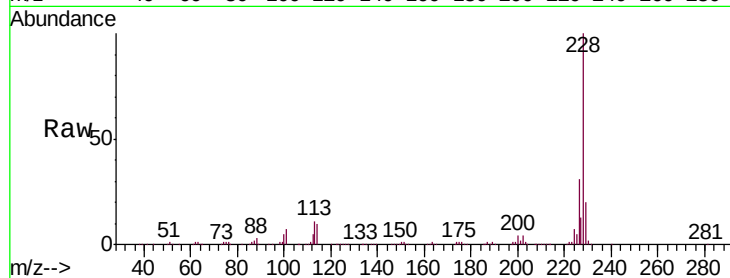
Tgt Ion:228 Resp: 531165

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

800000

600000

400000

200000

0

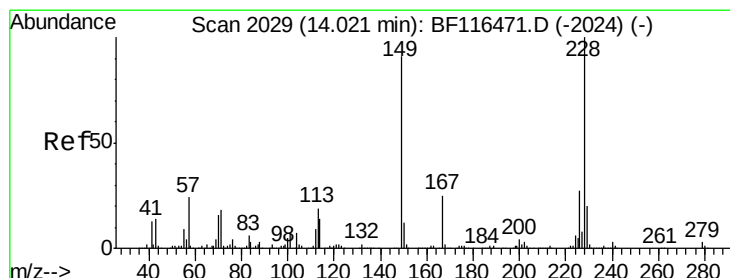
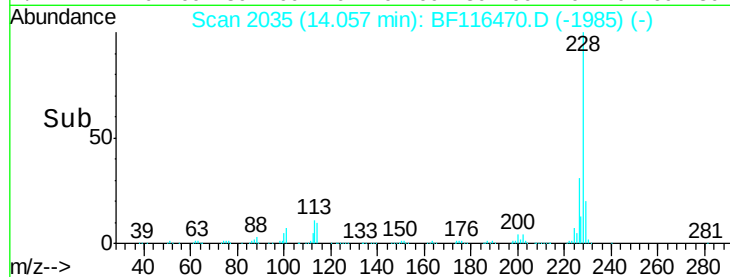
14.00

14.06

14.10

14.20

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.459 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

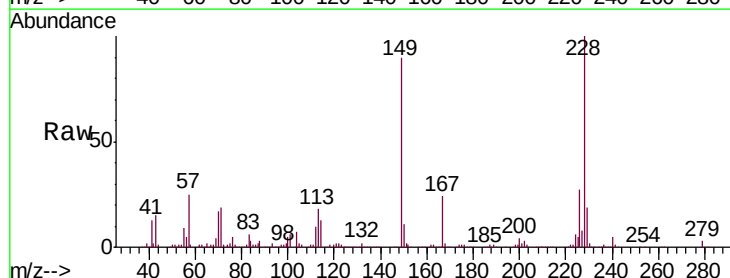
Tgt Ion:149 Resp: 372757

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

279 3.3 3.0 4.4



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

600000

500000

400000

300000

200000

100000

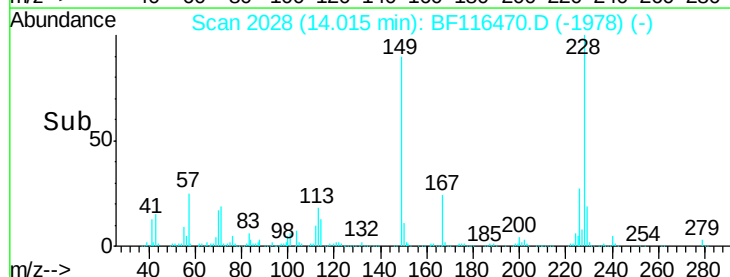
0

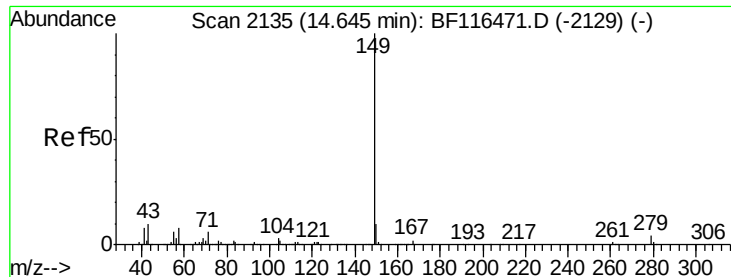
14.00

14.02

14.05

Time-->





#85

Di-n-octyl phthalate

Concen: 24.658 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

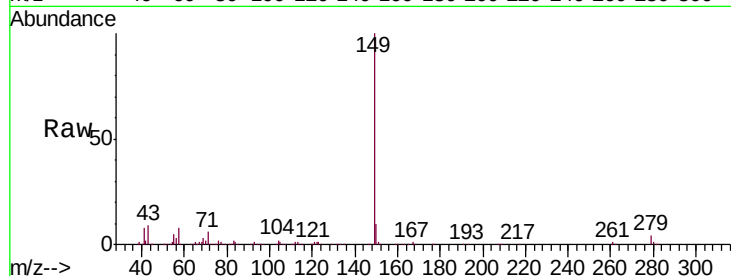
Tgt Ion:149 Resp: 622323

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

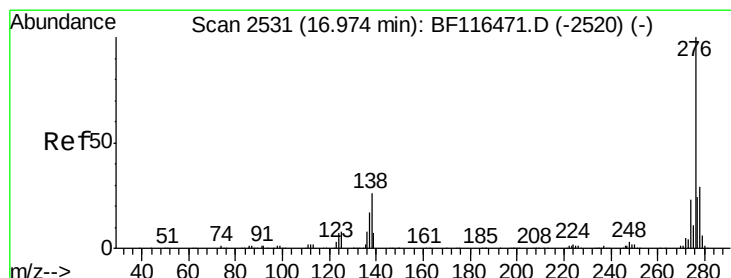
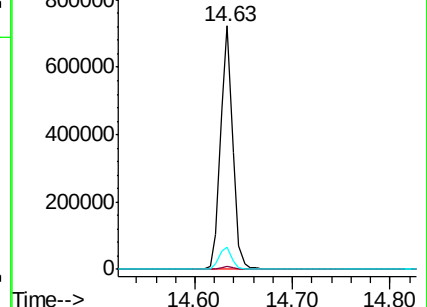
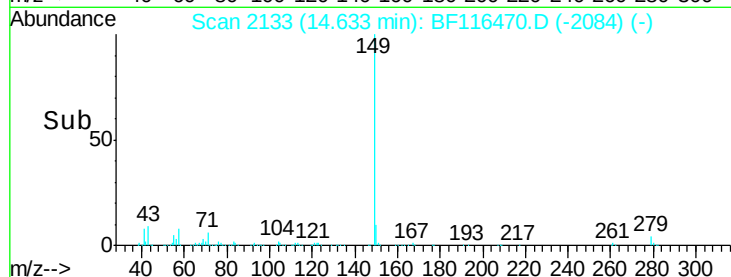
43 9.7 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.269 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF116470.D

Acq: 23 Aug 2019 10:40

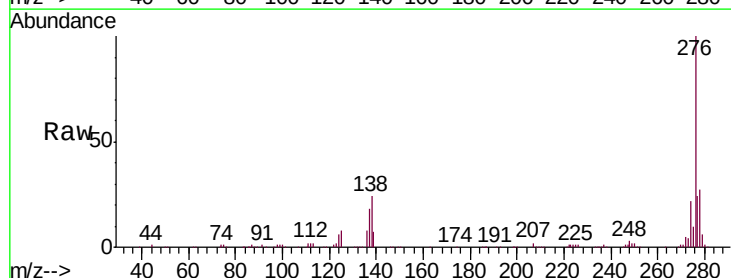
Tgt Ion:276 Resp: 505025

Ion Ratio Lower Upper

276 100

138 28.5 22.9 34.3

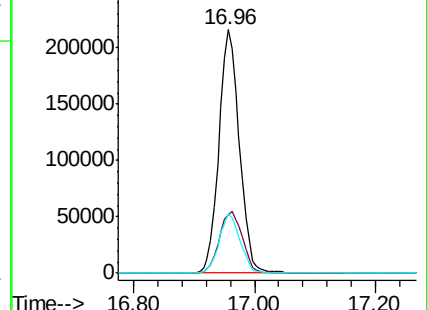
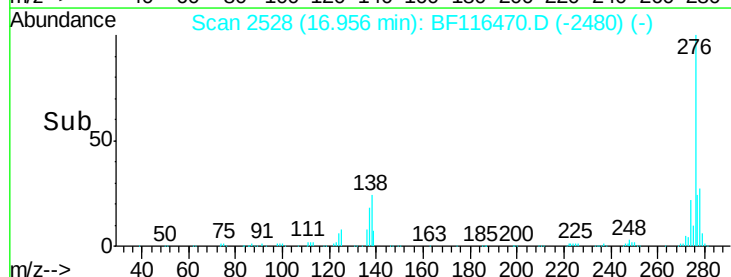
277 24.9 19.9 29.9

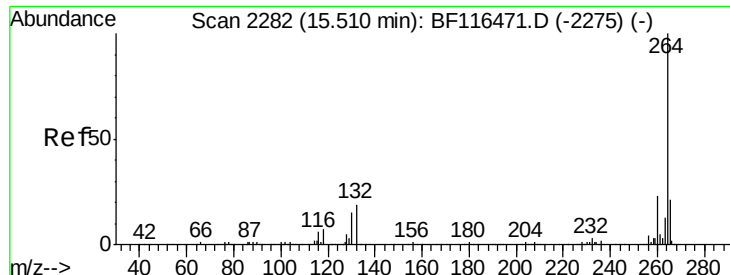


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



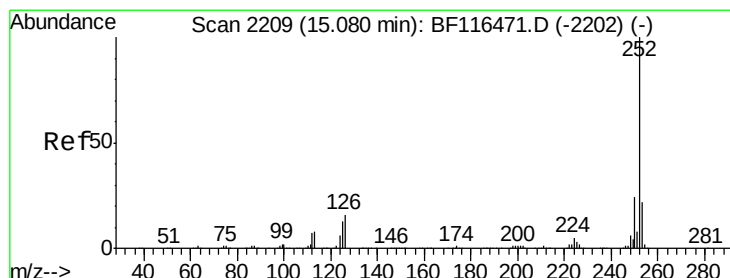
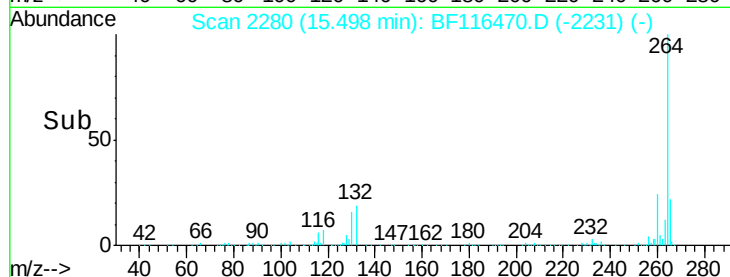
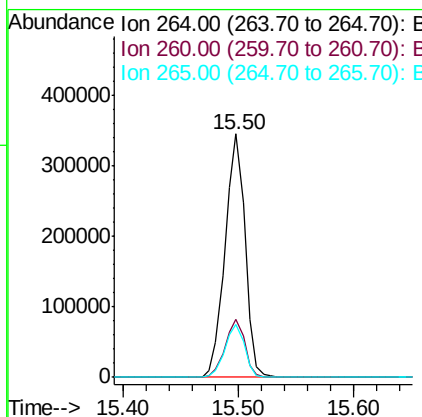
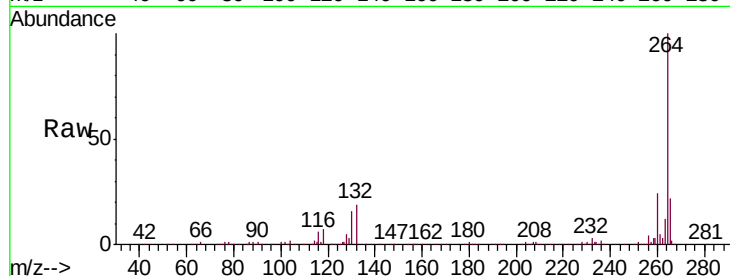


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion: 264 Resp: 415176

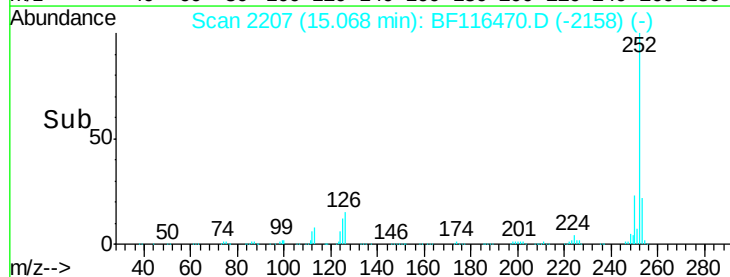
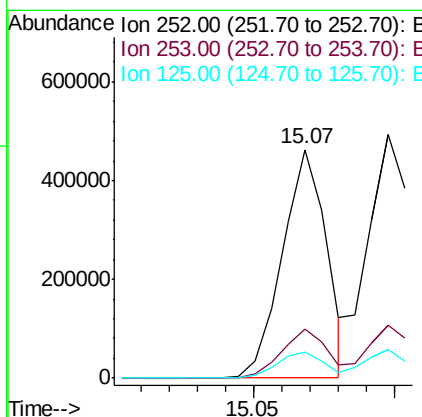
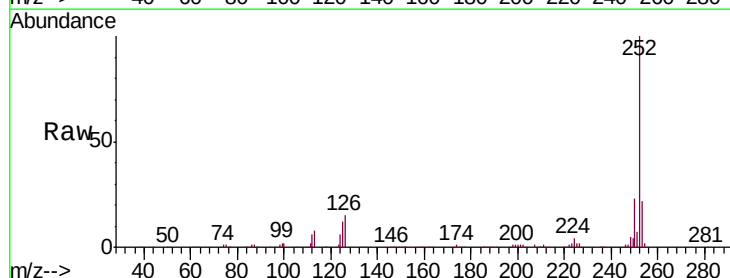
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.8	17.1	25.7

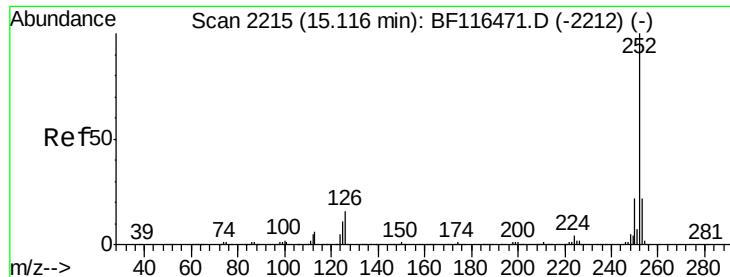


#88
Benzo(b)fluoranthene
Concen: 20.890 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion: 252 Resp: 501490

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.6	10.1	15.1

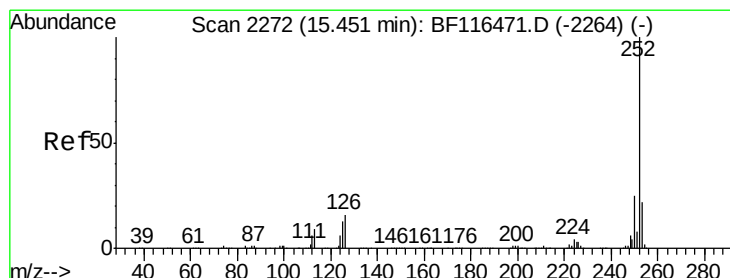
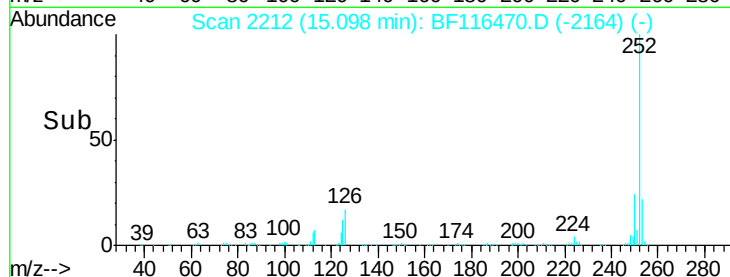
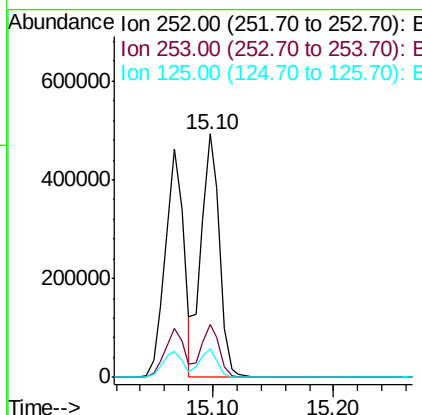
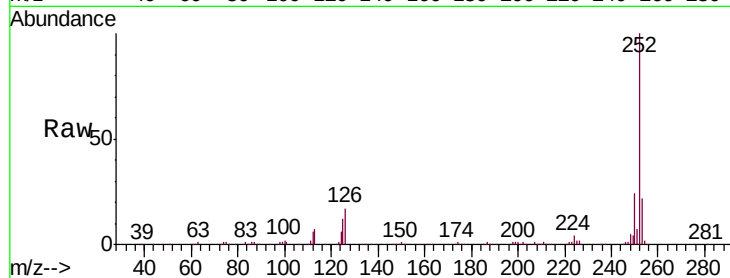




#89
Benzo(k)fluoranthene
Concen: 22.009 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

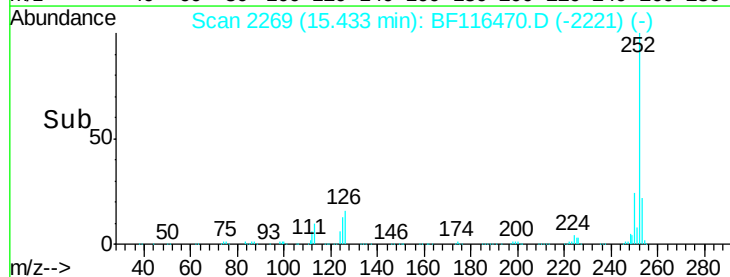
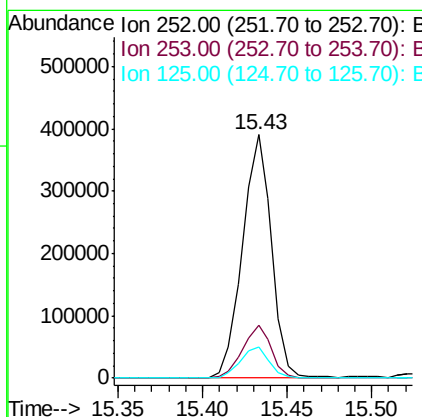
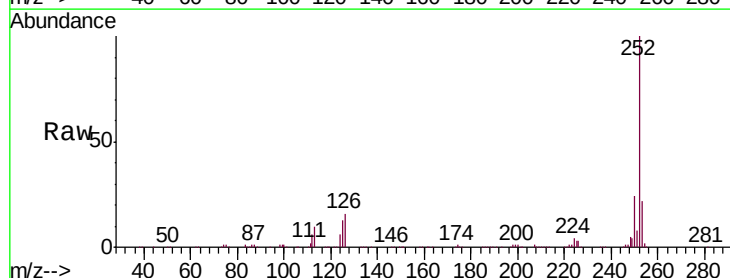
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

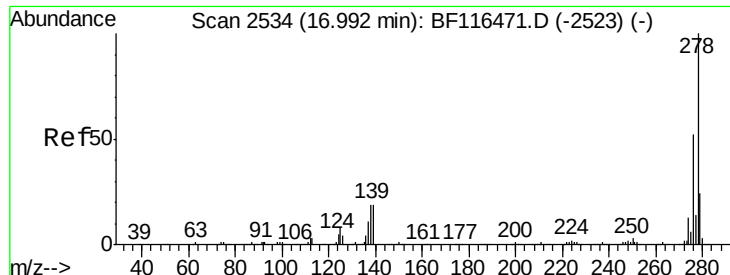
Tgt Ion:252 Resp: 514612
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 21.788 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion:252 Resp: 467561
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.9 10.2 15.4

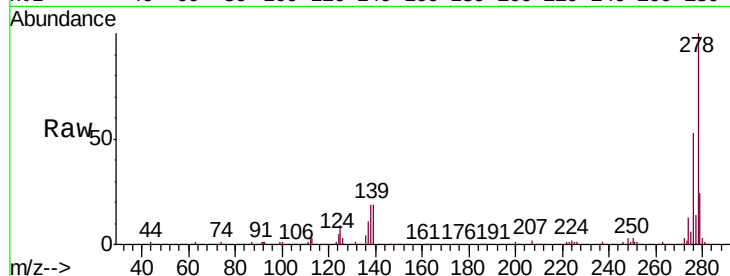




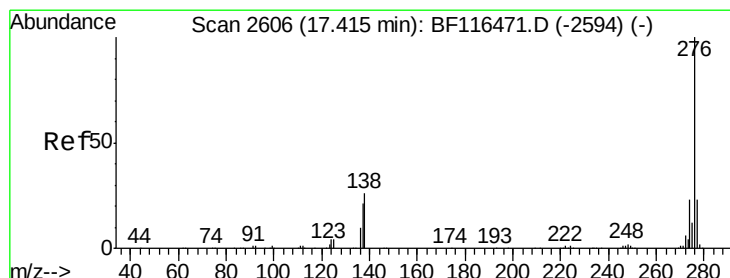
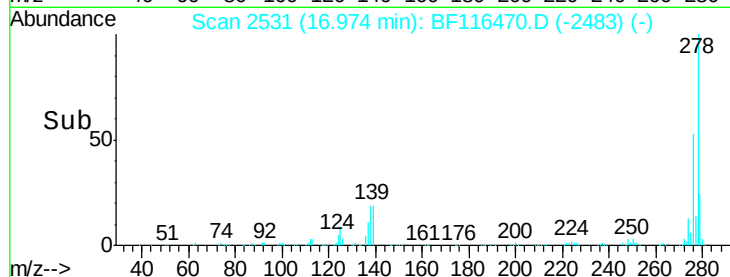
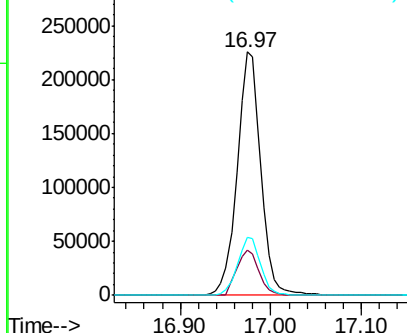
#91
Dibenzo(a,h)anthracene
Concen: 22.086 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.3	22.9
279	24.0	19.0	28.6

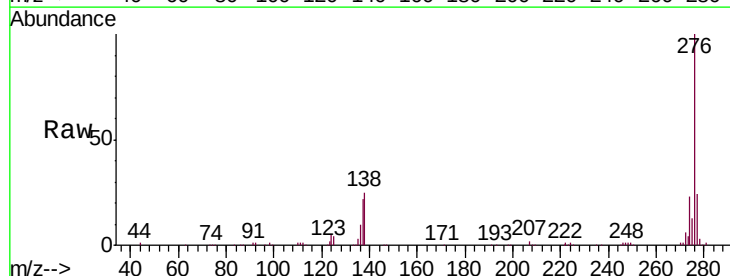


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 21.480 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116470.D
Acq: 23 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	25.4	20.8	31.2



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

