

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116141.D
 Acq On : 10 Aug 2019 10:54
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 12 00:53:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125316	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	523585	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	278307	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	483554	20.00	ng	0.00
76) Chrysene-d12	14.01	240	358858	20.00	ng	0.00
87) Perylene-d12	15.47	264	334113	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	655082	87.51	ng	0.00
7) Phenol-d6	6.48	99	802442	84.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	741688	81.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	229877	85.19	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1255588	84.50	ng	-0.01
79) Terphenyl-d14	12.94	244	1442316	84.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	155361	41.082	ng	99
3) Pyridine	3.35	79	394524	37.346	ng	97
4) n-Nitrosodimethylamine	3.30	42	158195	37.946	ng	98
6) Aniline	6.50	93	545951	40.364	ng	94
8) 2-Chlorophenol	6.63	128	365293	44.130	ng	96
9) Benzaldehyde	6.39	77	252432	38.737	ng	99
10) Phenol	6.49	94	471325	42.378	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	351375	42.971	ng	99
12) 1,3-Dichlorobenzene	6.78	146	408432	42.694	ng	99
13) 1,4-Dichlorobenzene	6.86	146	407938	42.588	ng	99
14) 1,2-Dichlorobenzene	7.01	146	379915	43.075	ng	98
15) Benzyl Alcohol	6.99	79	299071	41.726	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	475238	42.609	ng	99
17) 2-Methylphenol	7.10	107	296018	42.233	ng	99
18) Hexachloroethane	7.35	117	152305	43.187	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	247789	42.338	ng	99
20) 3+4-Methylphenols	7.25	107	366802	44.223	ng	# 88
22) Acetophenone	7.25	105	476902	41.531	ng	99
24) Nitrobenzene	7.42	77	415533	42.427	ng	97
25) Isophorone	7.66	82	726241	41.872	ng	100
26) 2-Nitrophenol	7.74	139	203305	44.036	ng	98
27) 2,4-Dimethylphenol	7.77	122	285652	41.125	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	460760	42.860	ng	100
29) 2,4-Dichlorophenol	7.99	162	319542	43.570	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	349176	41.768	ng	100
31) Naphthalene	8.15	128	1044916	42.409	ng	99
32) Benzoic acid	7.93	122	180735	36.907	ng	98
33) 4-Chloroaniline	8.19	127	458786	41.674	ng	99
34) Hexachlorobutadiene	8.26	225	203634	42.289	ng	99
35) Caprolactam	8.57	113	96284	40.592	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	329408	43.175	ng	97
37) 2-Methylnaphthalene	8.83	142	693203	42.720	ng	99
38) 1-Methylnaphthalene	8.93	142	653306	42.557	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322711	43.374	ng	99

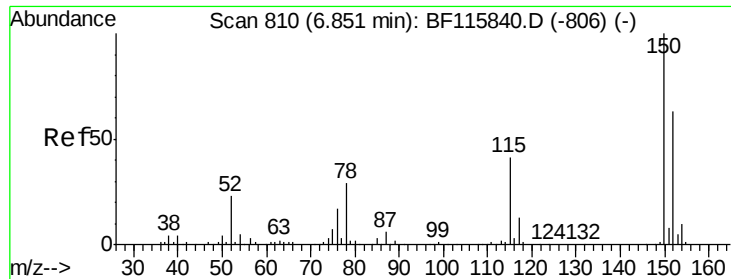
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116141.D
 Acq On : 10 Aug 2019 10:54
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 12 00:53:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	115923	38.059	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	203470	39.731	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	214010	40.426	ng	99
46) 1,1'-Biphenyl	9.30	154	839234	42.713	ng	98
47) 2-Chloronaphthalene	9.32	162	685083	41.893	ng	99
48) 2-Nitroaniline	9.42	65	224077	41.455	ng	93
49) Acenaphthylene	9.74	152	1021470	42.815	ng	98
50) Dimethylphthalate	9.60	163	802294	42.338	ng	99
51) 2,6-Dinitrotoluene	9.66	165	174500	42.374	ng	92
52) Acenaphthene	9.91	154	615223	42.034	ng	99
53) 3-Nitroaniline	9.84	138	206618	40.606	ng	95
54) 2,4-Dinitrophenol	9.96	184	76533	40.784	ng	99
55) Dibenzofuran	10.08	168	884437	41.552	ng	99
56) 4-Nitrophenol	10.01	139	125199	38.409	ng	93
57) 2,4-Dinitrotoluene	10.07	165	223334	40.733	ng	99
58) Fluorene	10.43	166	710806	43.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	179514	40.306	ng	99
60) Diethylphthalate	10.29	149	761646	43.051	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	361963	43.643	ng	97
62) 4-Nitroaniline	10.45	138	214355	40.763	ng	99
63) Azobenzene	10.57	77	776032	42.646	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	110057	42.949	ng	85
66) n-Nitrosodiphenylamine	10.53	169	622068	42.741	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	226951	43.843	ng	96
68) Hexachlorobenzene	10.98	284	253672	42.379	ng	97
69) Atrazine	11.06	200	159660	33.345	ng	98
70) Pentachlorophenol	11.18	266	99855	34.361	ng	98
71) Phenanthrene	11.39	178	1050620	42.500	ng	99
72) Anthracene	11.44	178	1082173	43.256	ng	99
73) Carbazole	11.59	167	1003964	44.232	ng	99
74) Di-n-butylphthalate	11.92	149	1211925	45.771	ng	99
75) Fluoranthene	12.57	202	1120407	43.293	ng	97
77) Benzidine	12.69	184	501294	41.348	ng	100
78) Pyrene	12.80	202	1127935	41.696	ng	99
80) Butylbenzylphthalate	13.41	149	509985	44.568	ng	95
81) Benzo(a)anthracene	14.00	228	987282	43.043	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	339605	42.617	ng	98
83) Chrysene	14.03	228	948573	42.598	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	713556	47.987	ng	98
85) Di-n-octyl phthalate	14.58	149	1115725	47.239	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	740876	39.613	ng	100
88) Benzo(b)fluoranthene	15.04	252	806223	41.733	ng	100
89) Benzo(k)fluoranthene	15.07	252	828123	44.010	ng	99
90) Benzo(a)pyrene	15.41	252	736826	42.666	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	616010	41.208	ng	100
92) Benzo(g,h,i)perylene	17.39	276	595021	40.530	ng	98

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

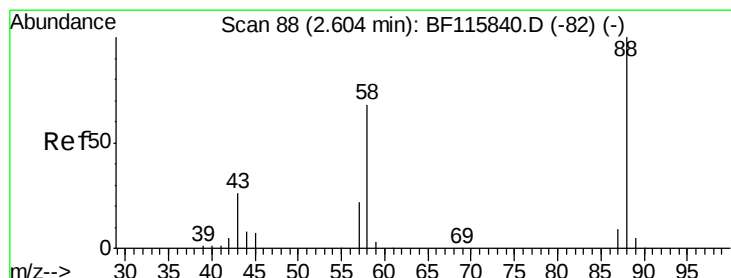
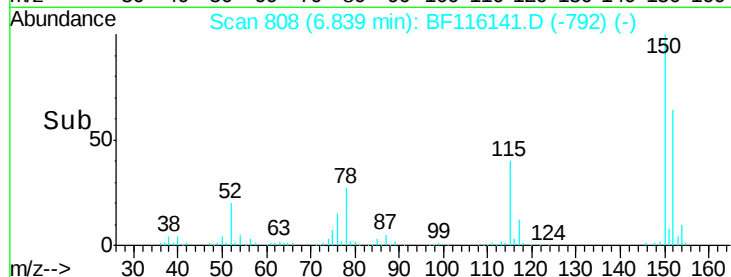
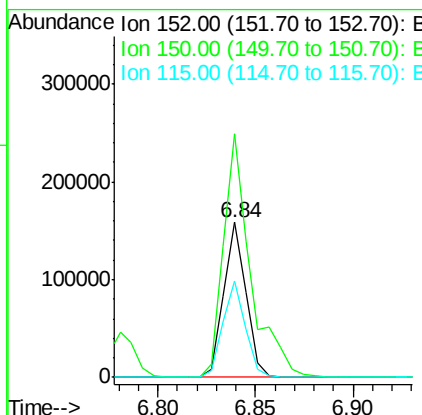
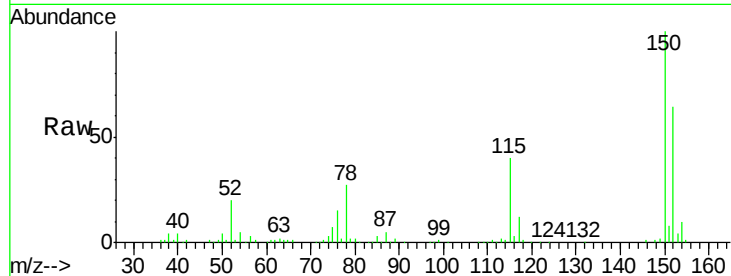


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

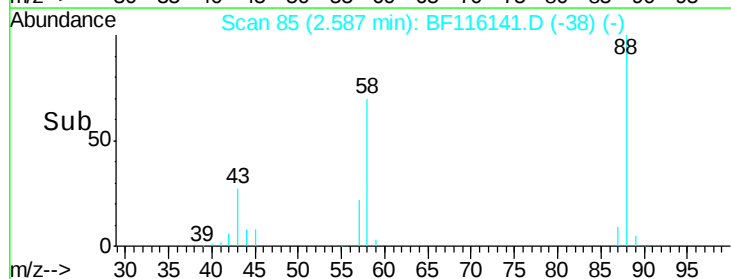
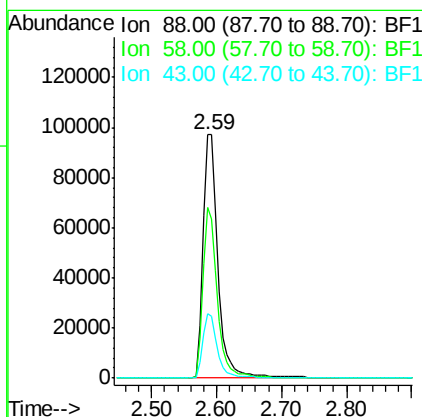
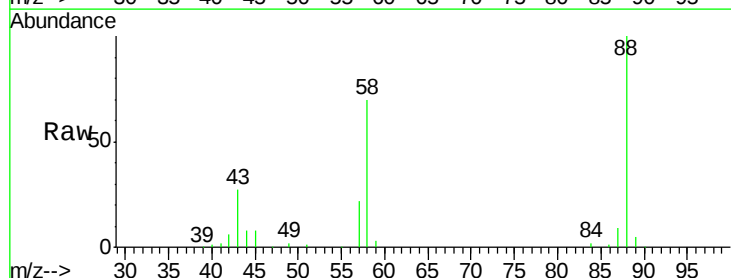
Tot Ion:152 Resp: 125316
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 62.1 49.9 74.9

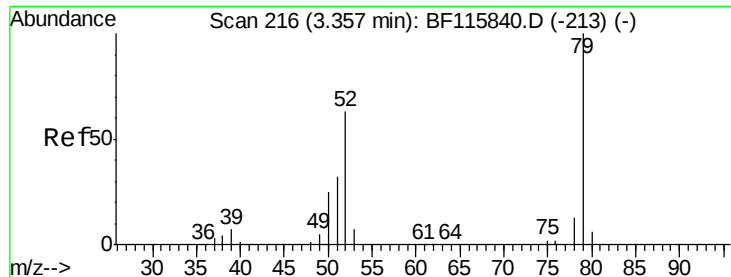


#2

1,4-Dioxane
Concen: 41.082 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion: 88 Resp: 155361
Ion Ratio Lower Upper
88 100
58 66.7 53.7 80.5
43 25.5 21.0 31.4





#3

Pvridine

Concen: 37.346 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

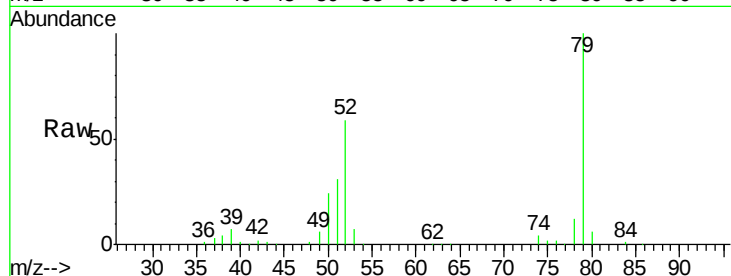
Tot Ion: 79 Resp: 394524

Ion Ratio Lower Upper

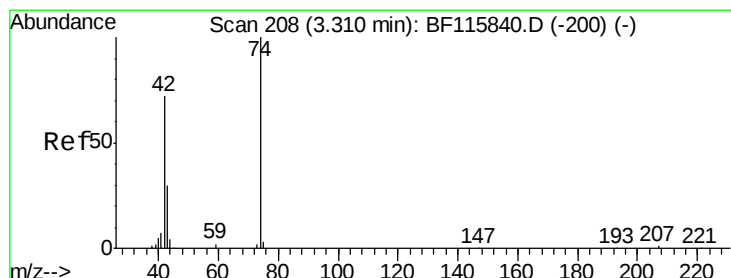
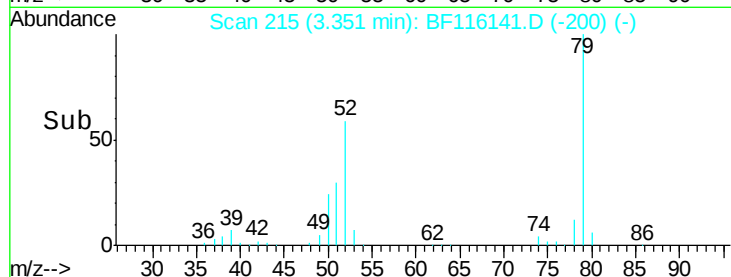
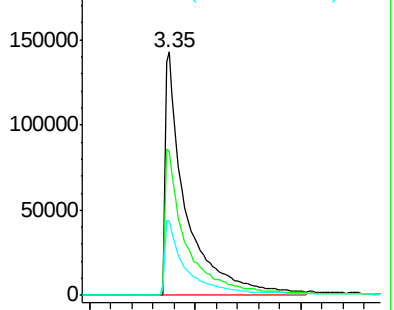
79 100

52 59.3 49.8 74.8

51 30.8 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.946 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

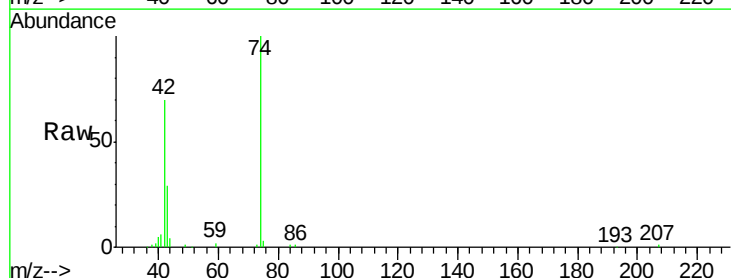
Tgt Ion: 42 Resp: 158195

Ion Ratio Lower Upper

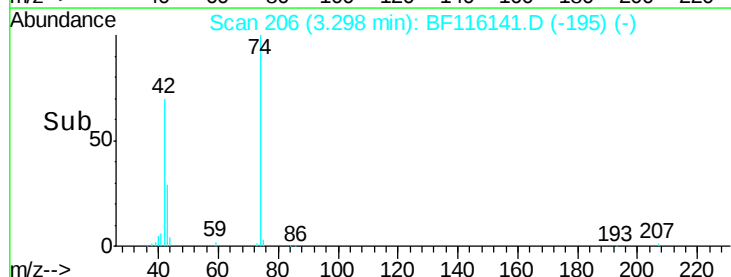
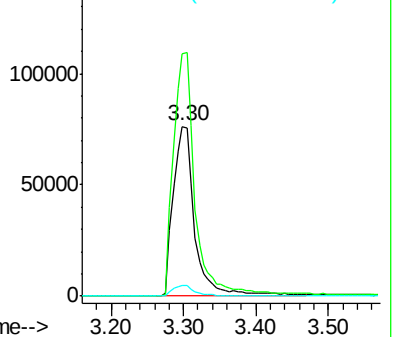
42 100

74 143.1 116.0 174.0

44 6.0 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.511 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

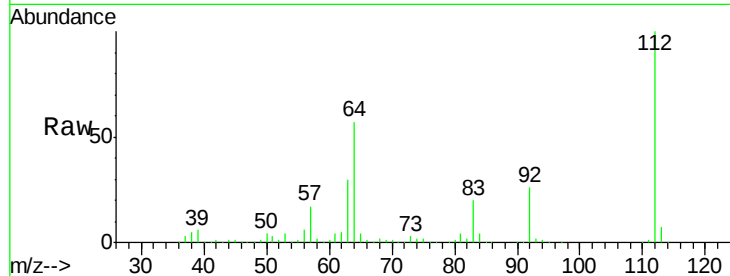
Tot Ion:112 Resp: 655082

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

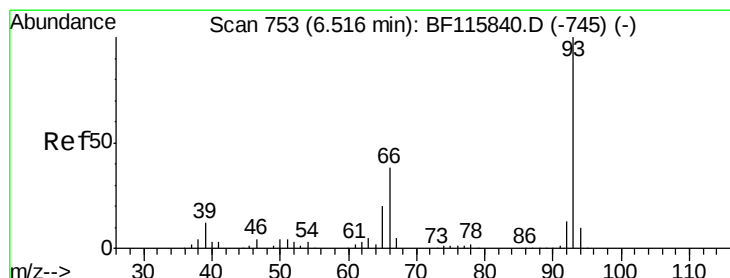
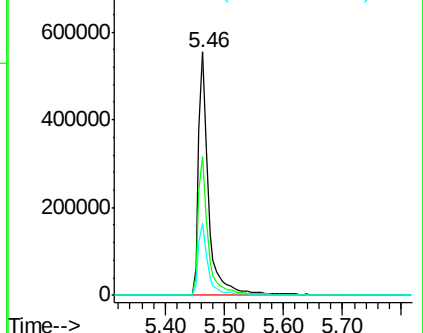
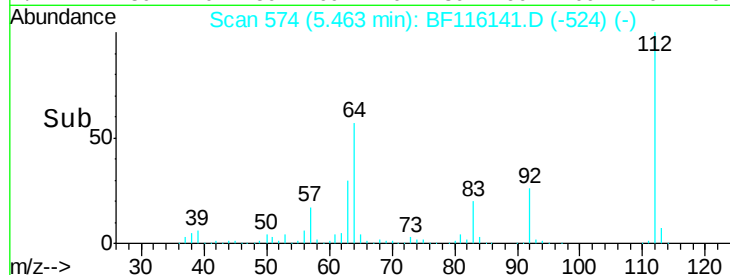
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.364 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

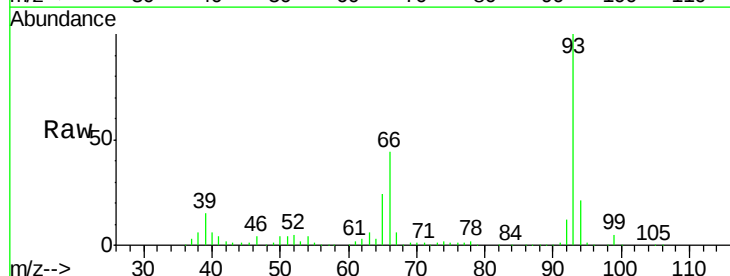
Tgt Ion: 93 Resp: 545951

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.4

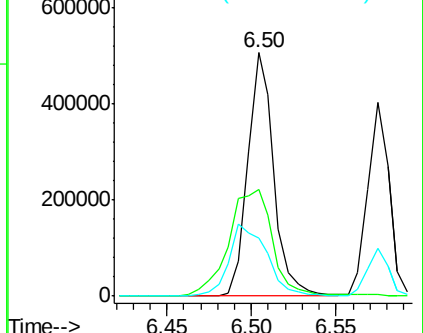
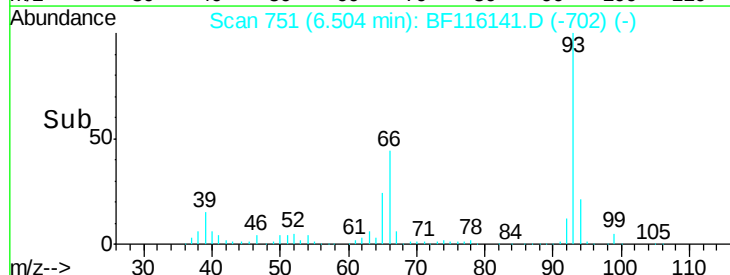
65 23.7 17.0 25.6

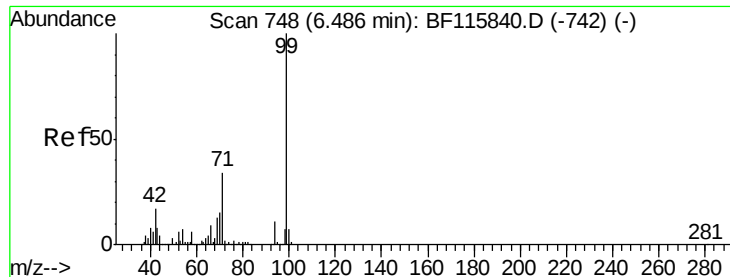


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.963 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

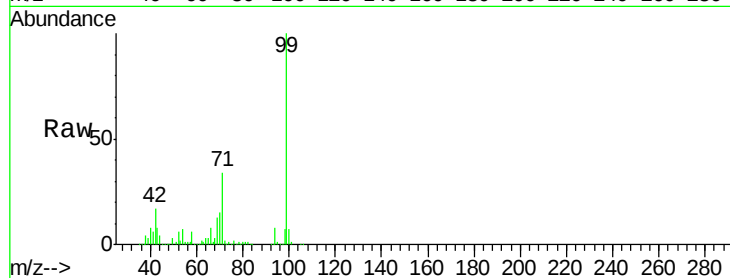
Tot Ion: 99 Resp: 802442

Ion Ratio Lower Upper

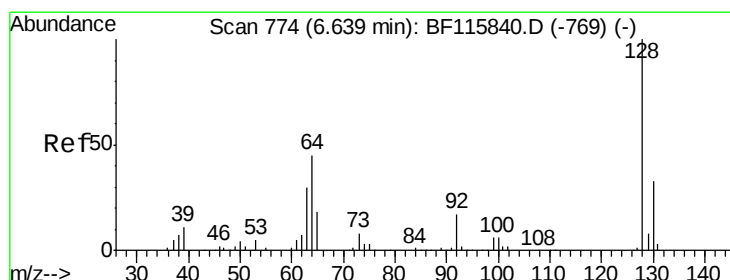
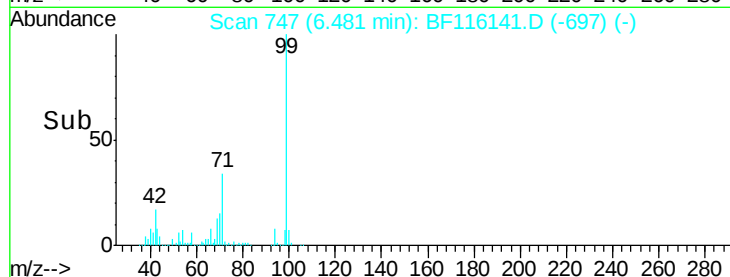
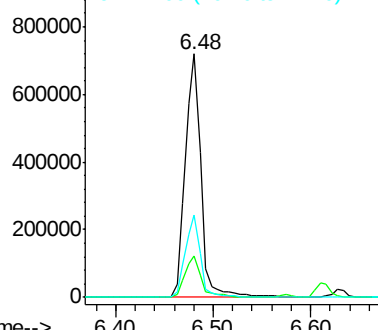
99 100

42 17.2 13.8 20.8

71 33.7 27.3 40.9



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: 44.130 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

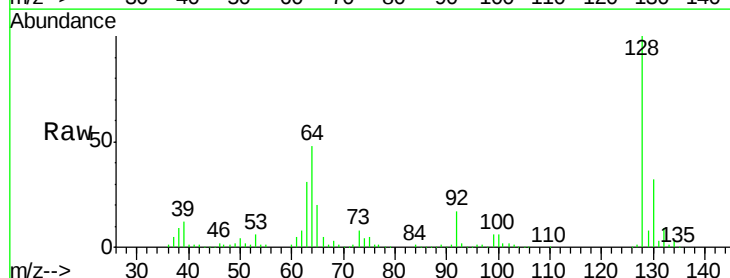
Tgt Ion: 128 Resp: 365293

Ion Ratio Lower Upper

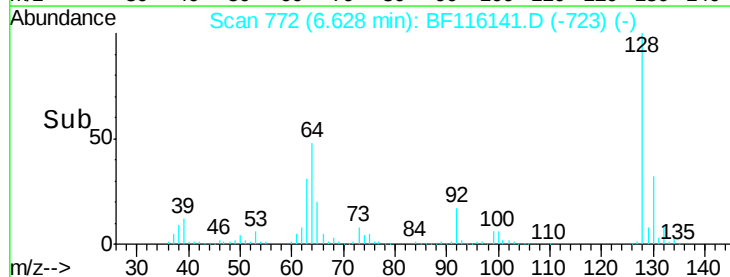
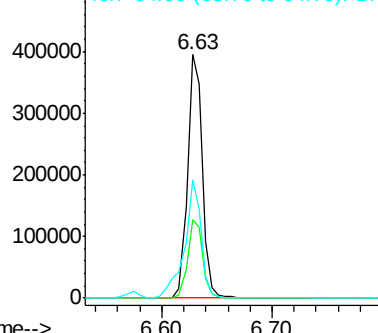
128 100

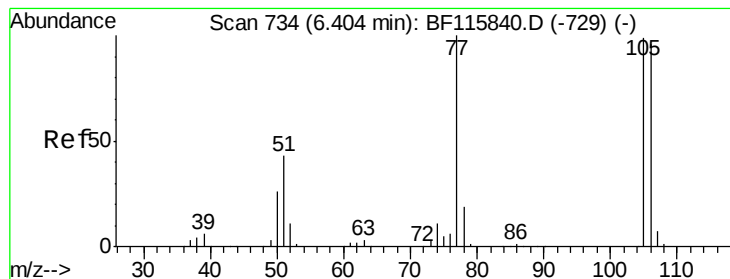
130 32.2 12.9 52.9

64 48.5 24.3 64.3



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: 38.737 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

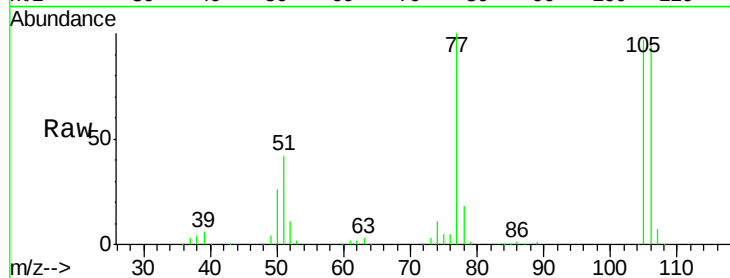
Tot Ion: 77 Resp: 252432

Ion Ratio Lower Upper

77 100

105 96.7 79.2 119.2

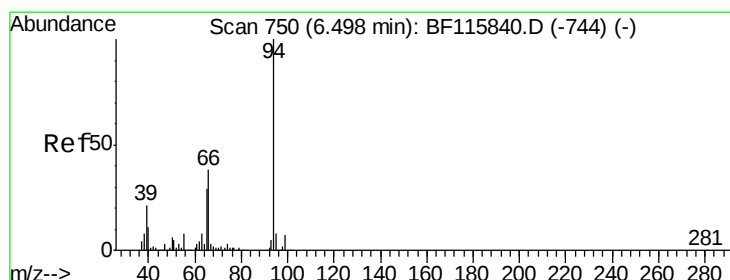
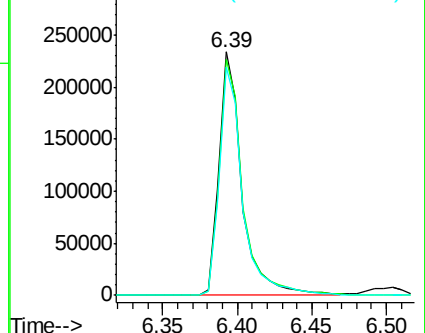
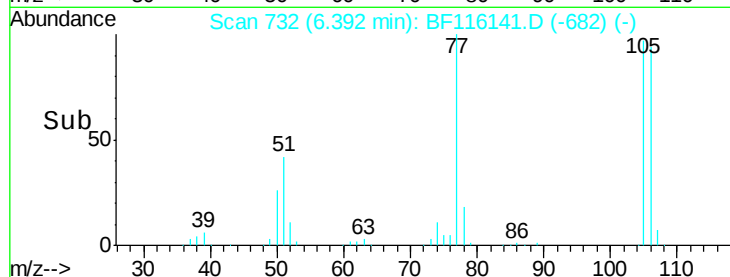
106 93.9 74.3 114.3



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: 42.378 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

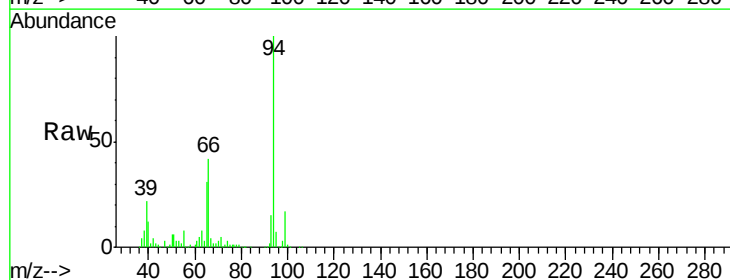
Tgt Ion: 94 Resp: 471325

Ion Ratio Lower Upper

94 100

65 31.1 16.8 56.8

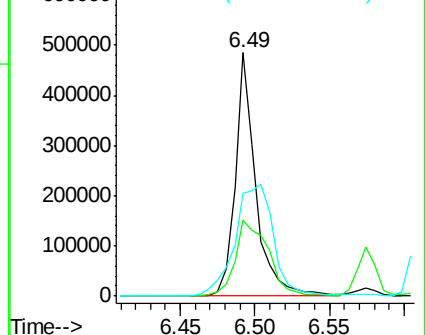
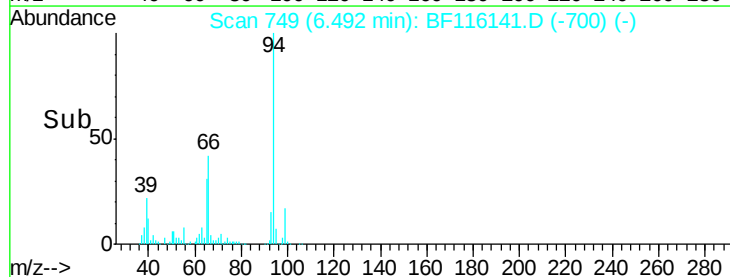
66 42.1 34.2 74.2

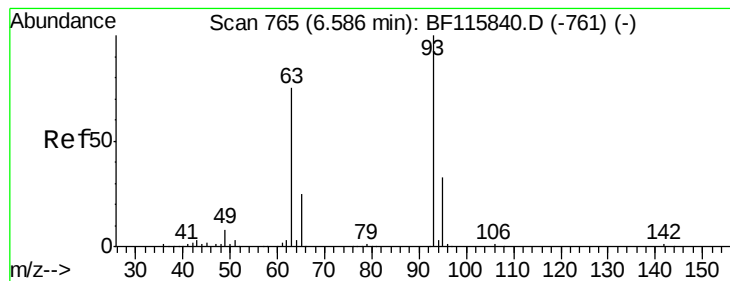


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.971 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

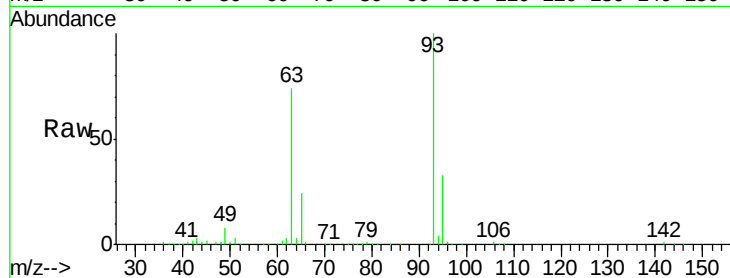
Tot Ion: 93 Resp: 351375

Ion Ratio Lower Upper

93 100

63 73.6 51.9 91.9

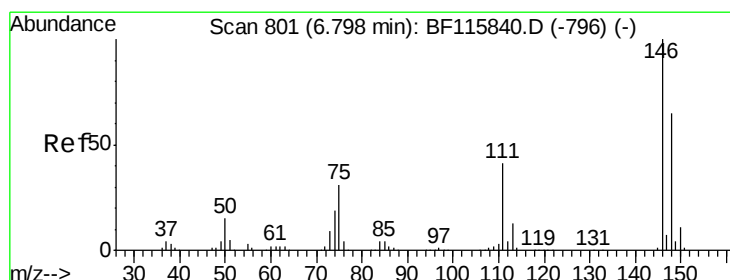
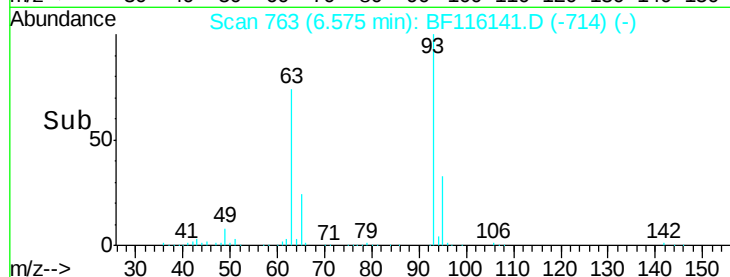
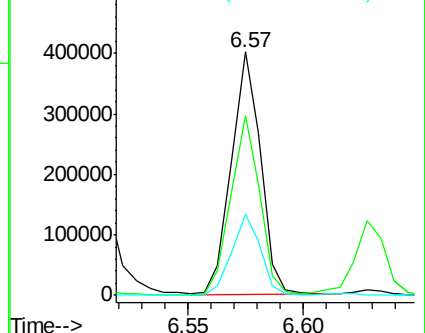
95 33.1 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.694 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

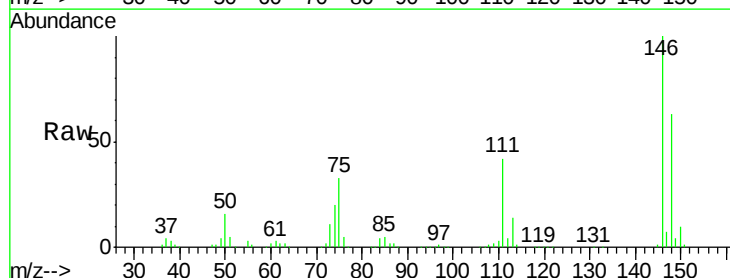
Tgt Ion: 146 Resp: 408432

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

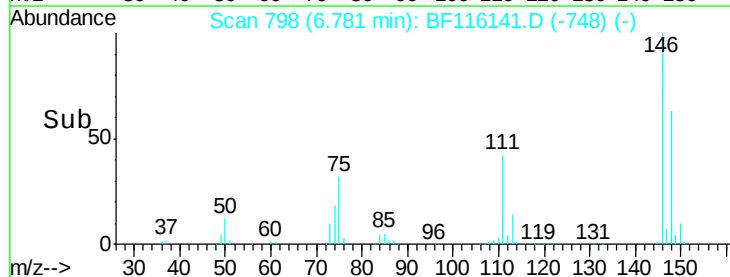
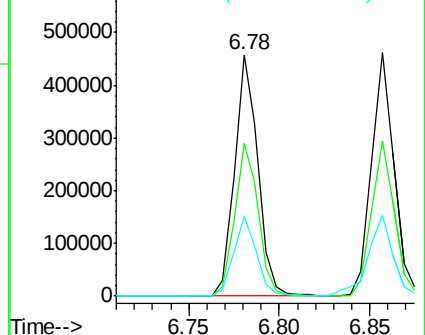
75 33.0 27.4 41.2

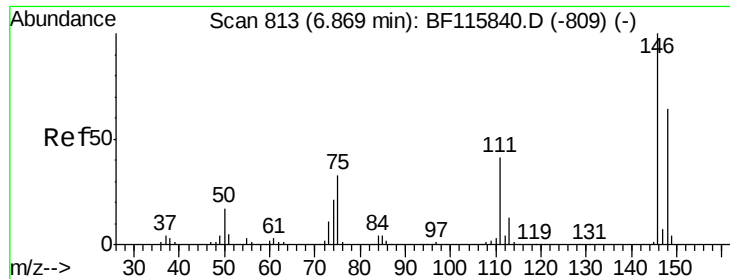


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

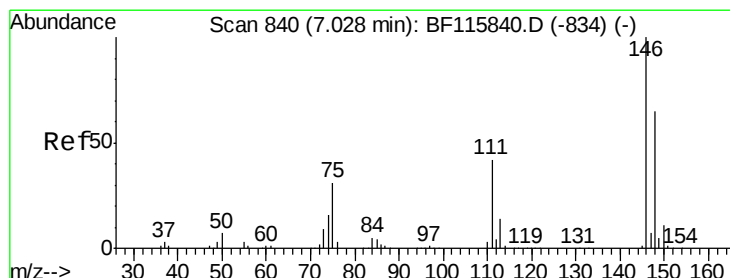
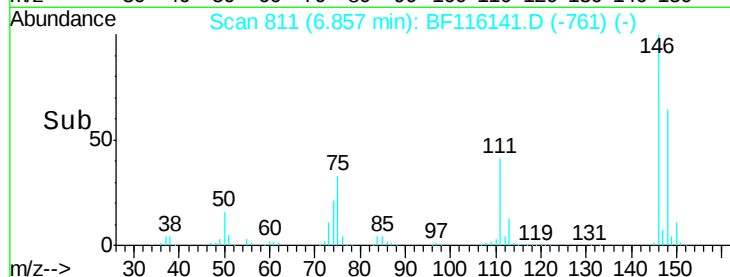
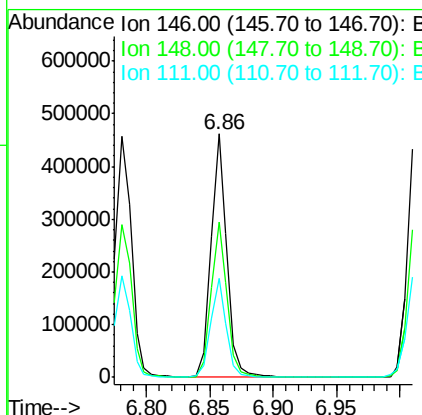
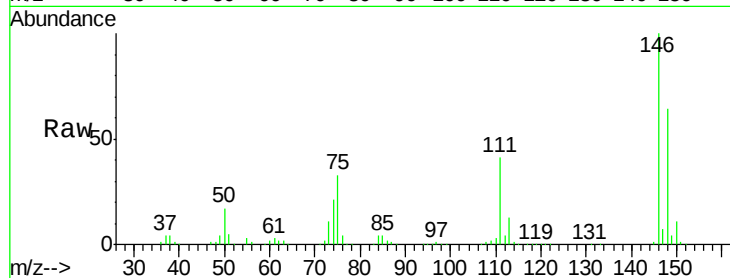




#13
 1,4-Dichlorobenzene
 Concen: 42.588 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

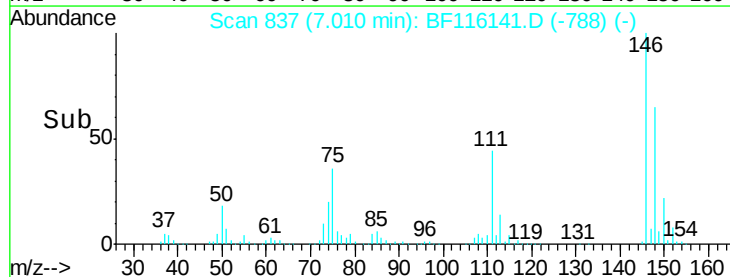
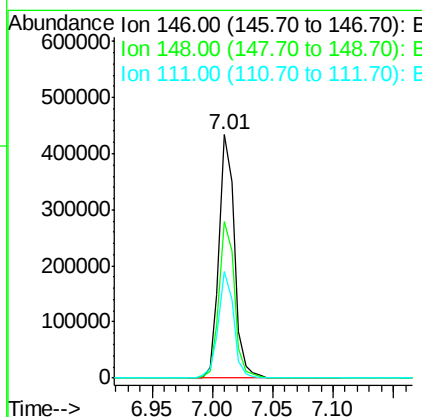
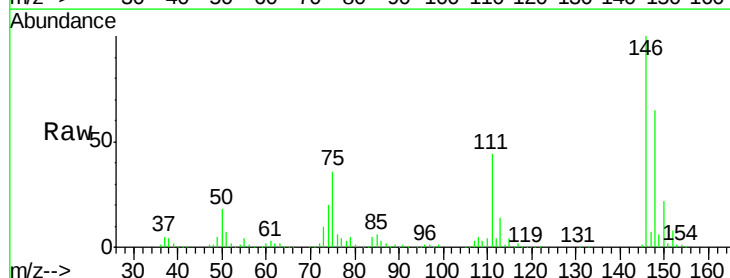
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

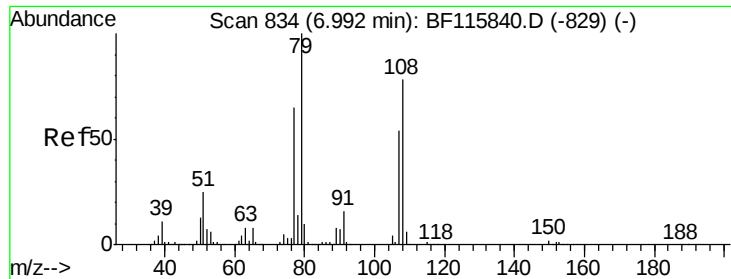
Tot Ion:146 Resp: 407938
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.3 76.9
 111 40.7 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 43.075 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Tgt Ion:146 Resp: 379915
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 44.0 33.5 50.3

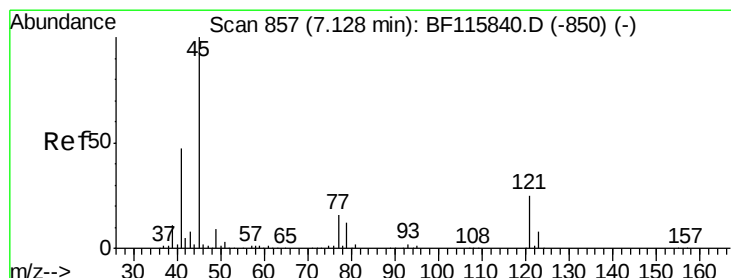
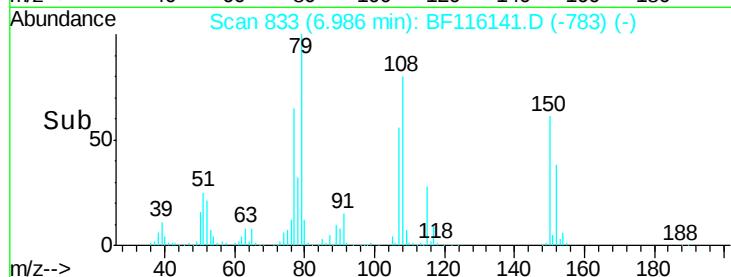
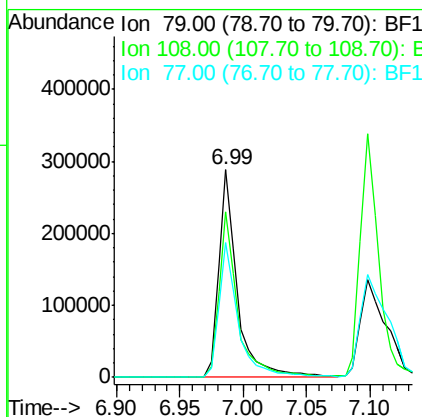
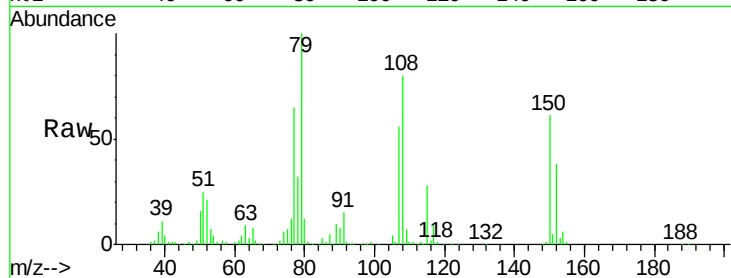




#15
Benzyl Alcohol
Concen: 41.726 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

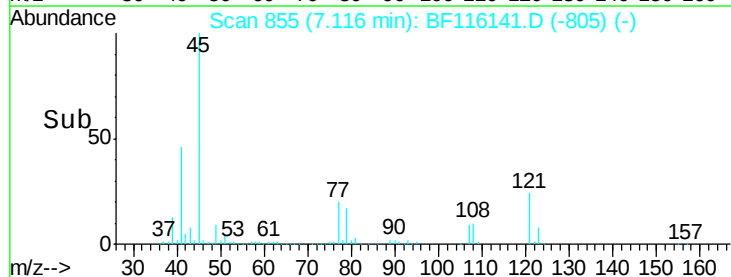
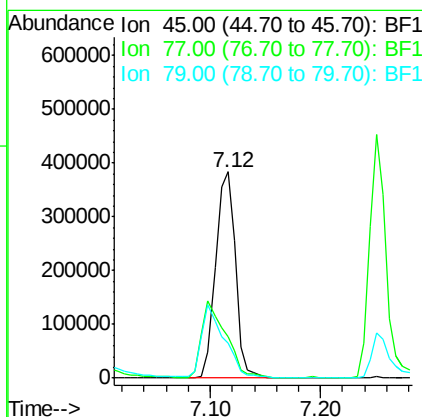
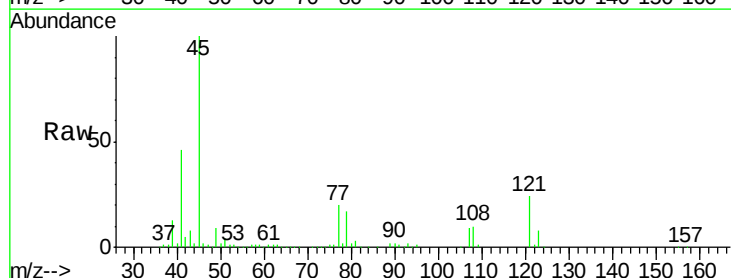
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

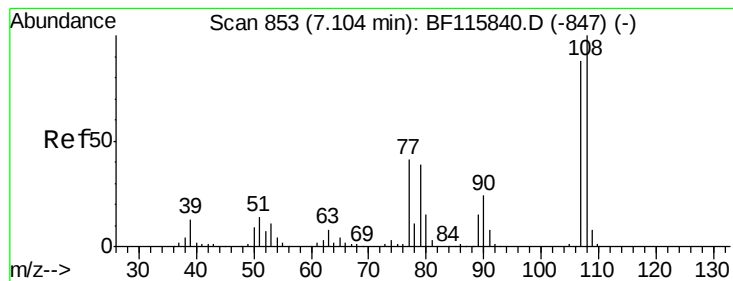
Tot Ion: 79 Resp: 299071
Ion Ratio Lower Upper
79 100
108 79.8 62.7 94.1
77 64.8 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.609 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion: 45 Resp: 475238
Ion Ratio Lower Upper
45 100
77 20.2 0.0 40.0
79 16.8 0.0 35.9

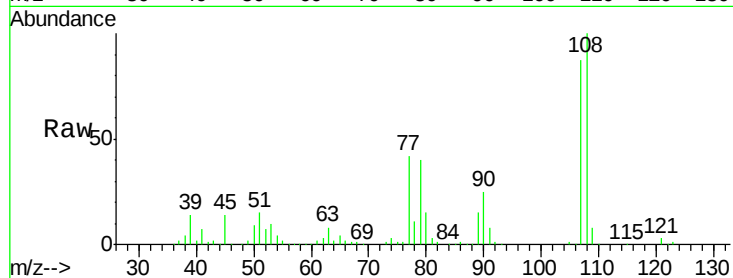




#17
2-Methylphenol
Concen: 42.233 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	296018
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.2	136.8
77	48.6	40.3	60.5
79	46.2	37.6	56.4



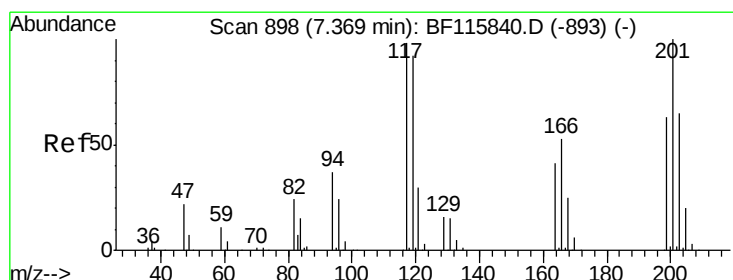
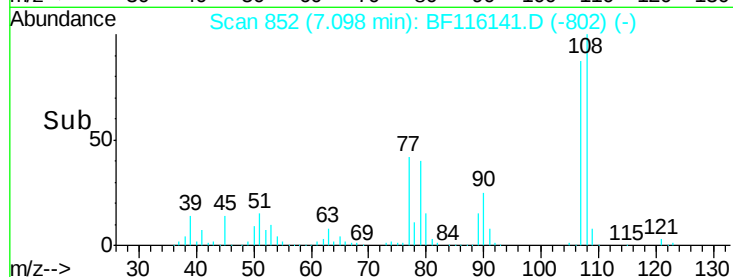
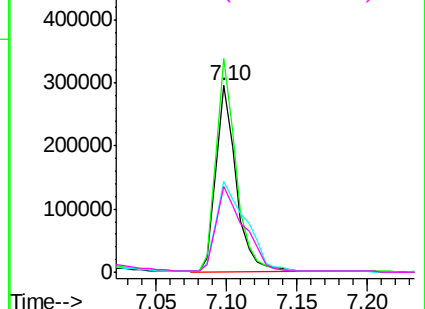
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

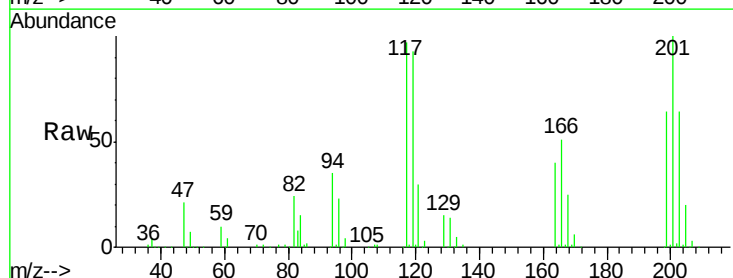
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.187 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:	117	Resp:	152305
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.1	114.1
201	102.6	77.0	115.4

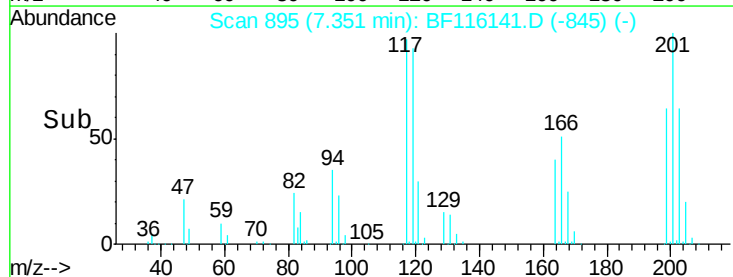
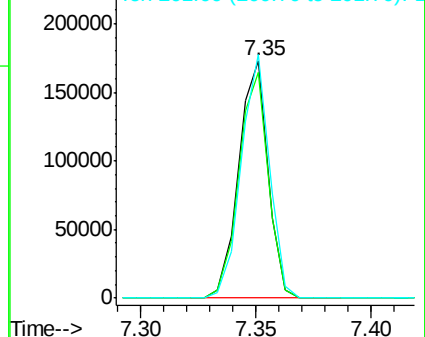


Abundance

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

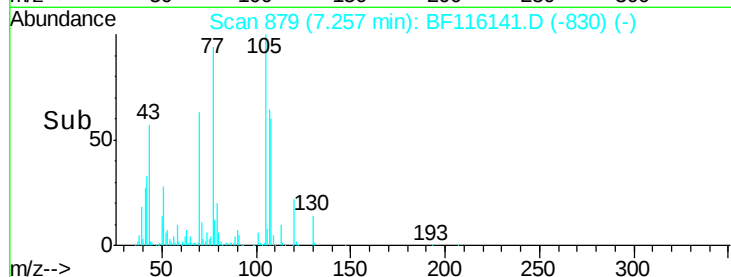
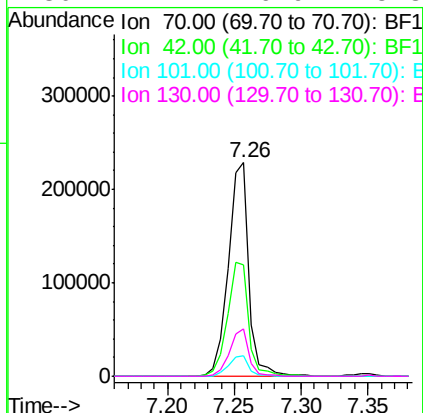
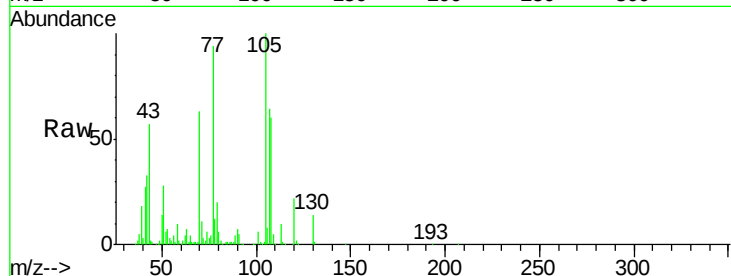




#19
n-Nitroso-di-n-propylamine
Concen: 42.338 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

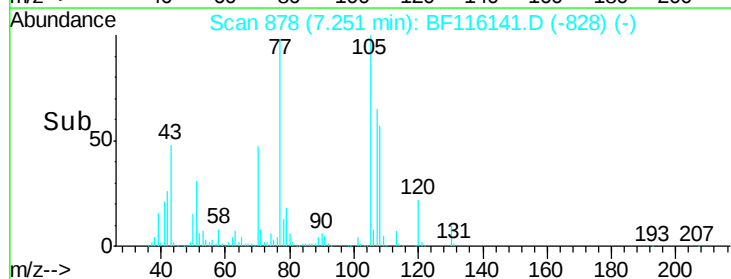
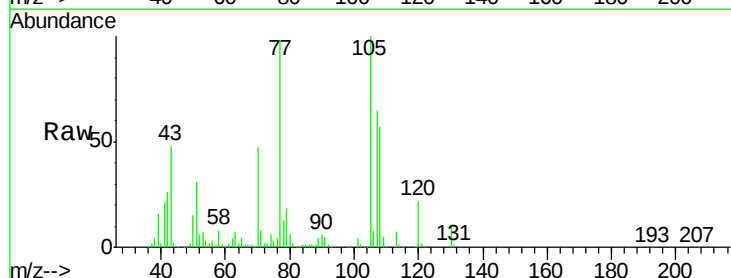
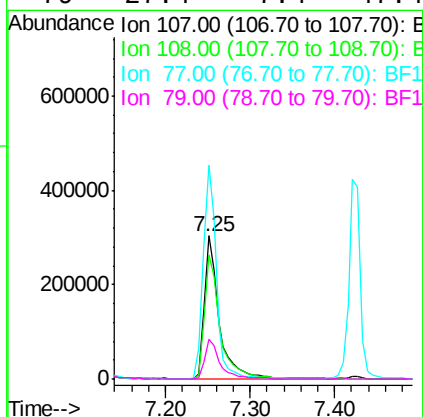
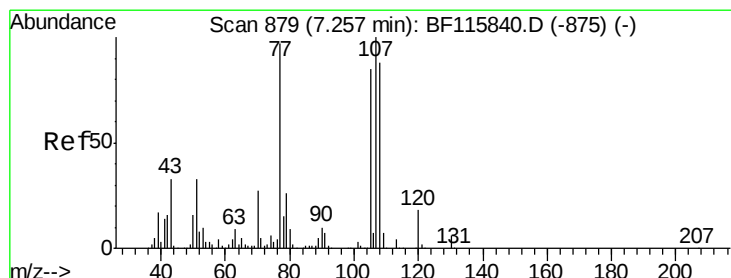
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	247789
Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.9	61.3
101	9.7	7.9	11.9
130	22.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.223 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:	107	Resp:	366802
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.6	107.6
77	149.4	104.4	144.4
79	27.4	7.4	47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 523585

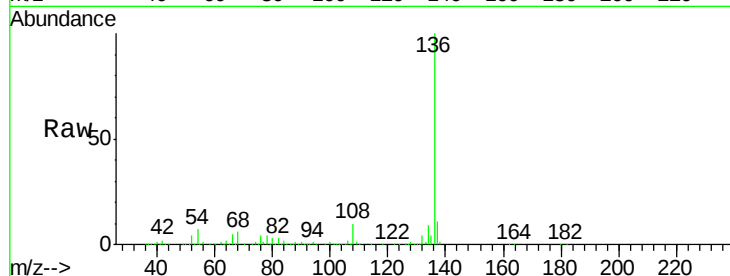
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.9 5.8 8.6

68 6.1 5.2 7.8

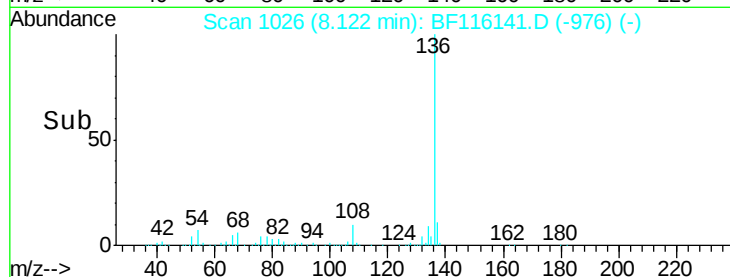


Abundance Ion 136.00 (135.70 to 136.70): E

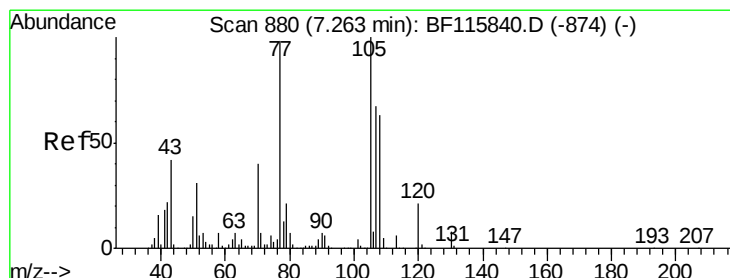
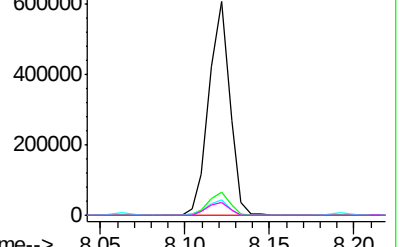
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.531 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Tgt Ion:105 Resp: 476902

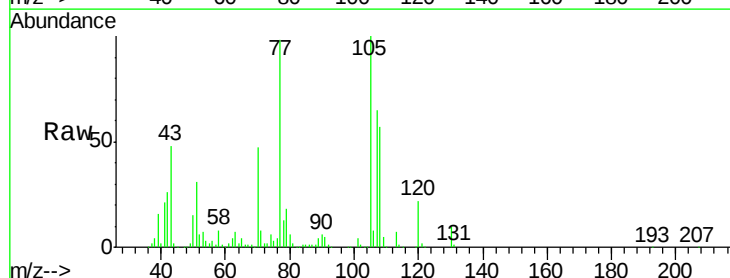
Ion Ratio Lower Upper

105 100

71 8.1 5.9 8.9

51 30.8 25.3 37.9

120 21.9 17.9 26.9

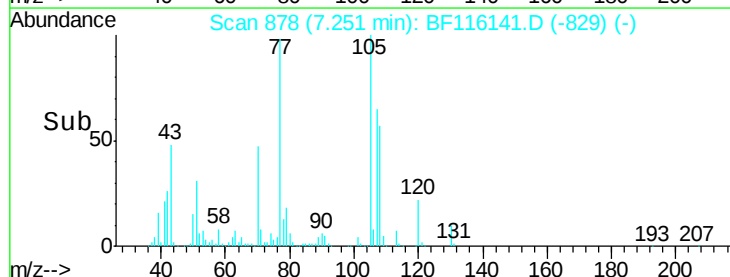


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

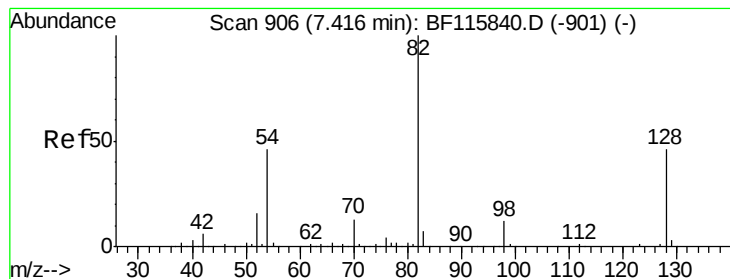
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 81.768 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

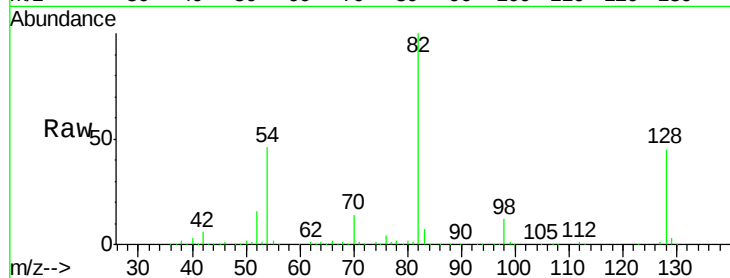
Tot Ion: 82 Resp: 741688

Ion Ratio Lower Upper

82 100

128 44.5 36.5 54.7

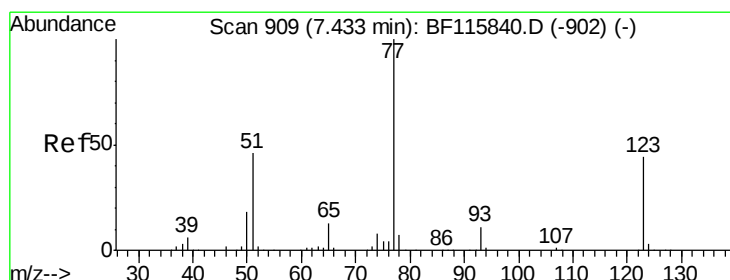
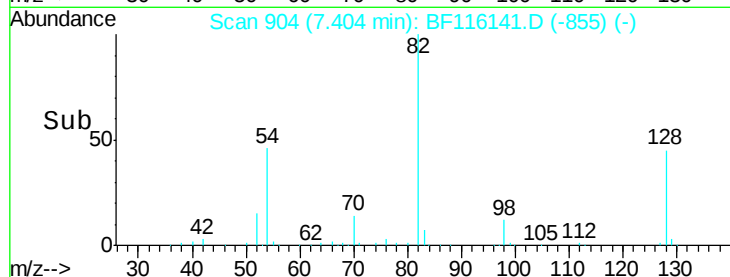
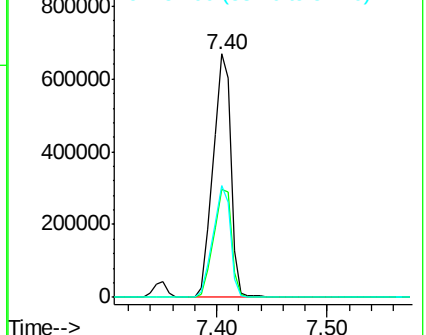
54 45.9 36.0 54.0



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: 42.427 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

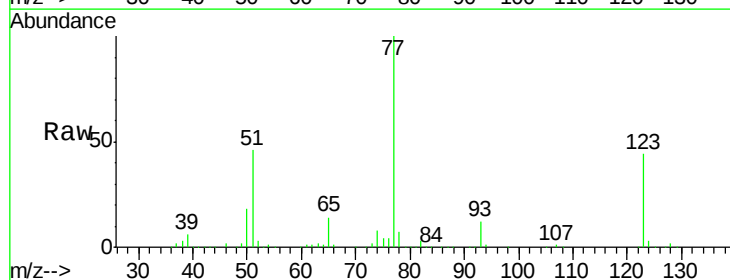
Tgt Ion: 77 Resp: 415533

Ion Ratio Lower Upper

77 100

123 43.8 36.7 55.1

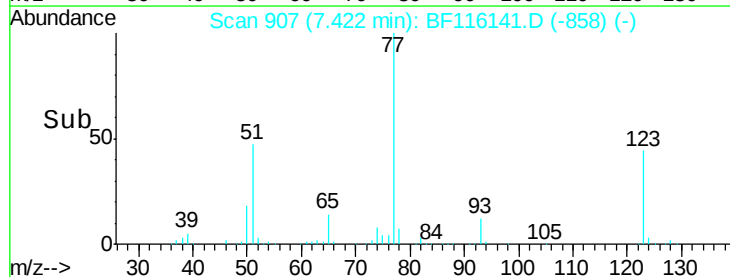
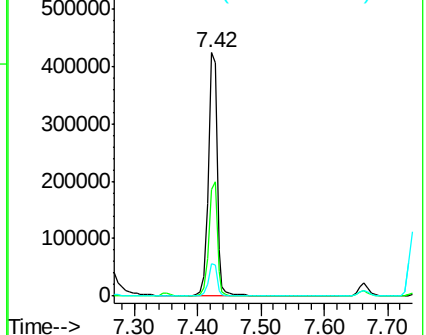
65 13.5 10.6 16.0



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: 41.872 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

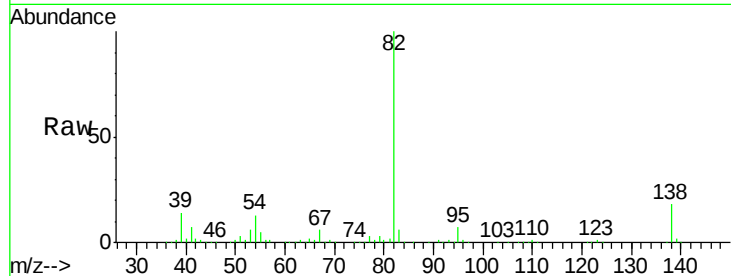
Tot Ion: 82 Resp: 726241

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

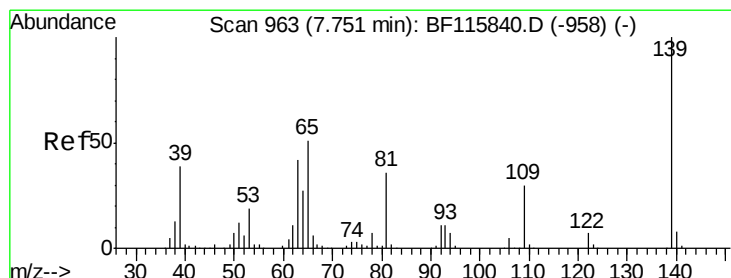
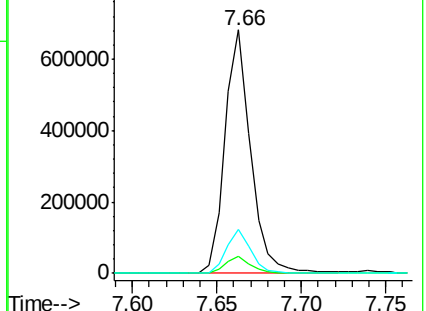
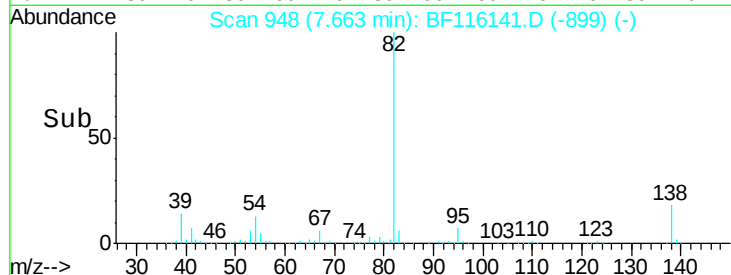
138 18.2 14.5 21.7



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: 44.036 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

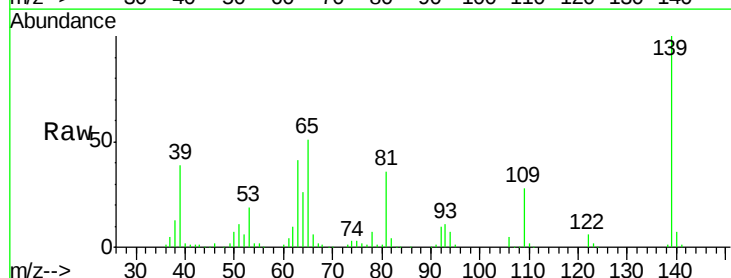
Tgt Ion: 139 Resp: 203305

Ion Ratio Lower Upper

139 100

109 28.2 23.4 35.2

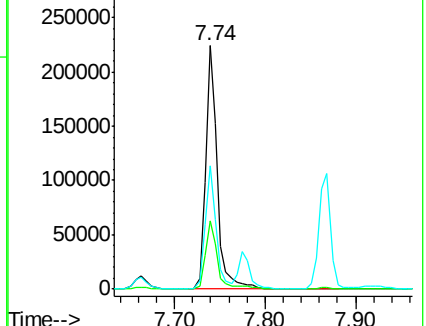
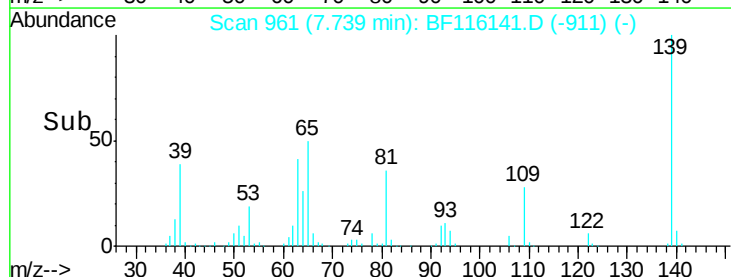
65 50.6 41.1 61.7

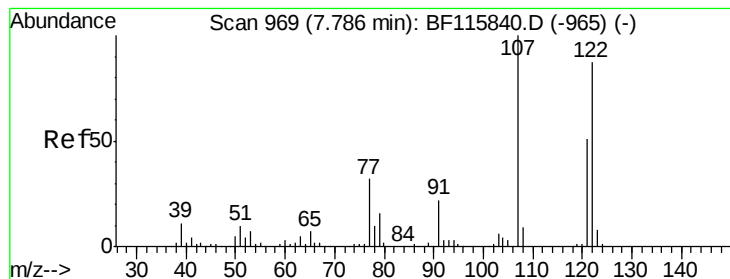


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.125 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

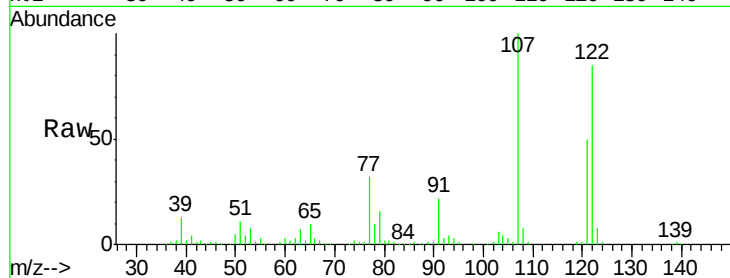
Tot Ion:122 Resp: 285652

Ion Ratio Lower Upper

122 100

107 117.9 93.0 139.6

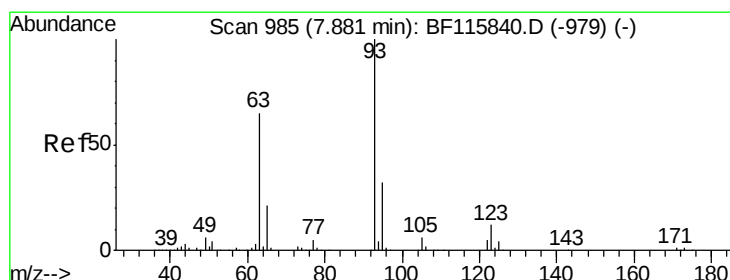
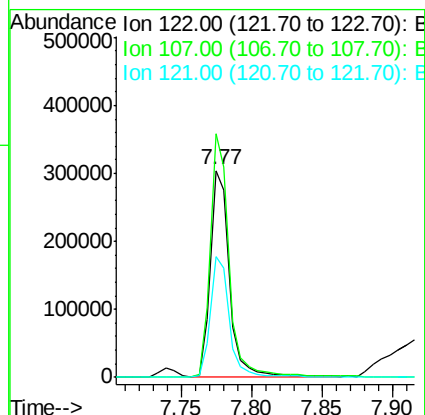
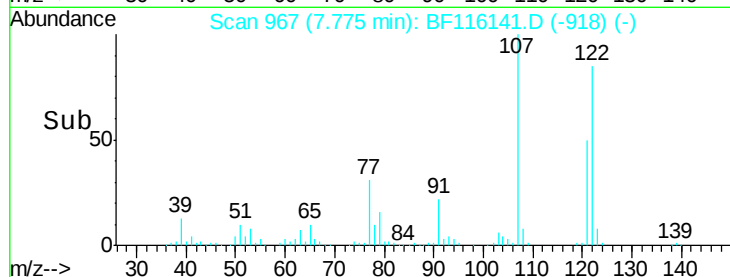
121 58.4 47.6 71.4



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: 42.860 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

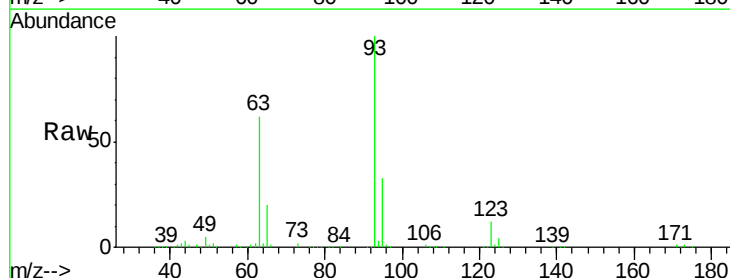
Tgt Ion: 93 Resp: 460760

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

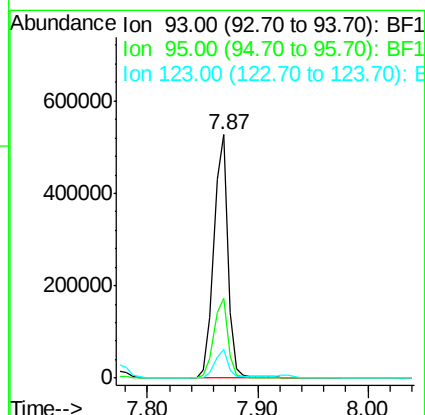
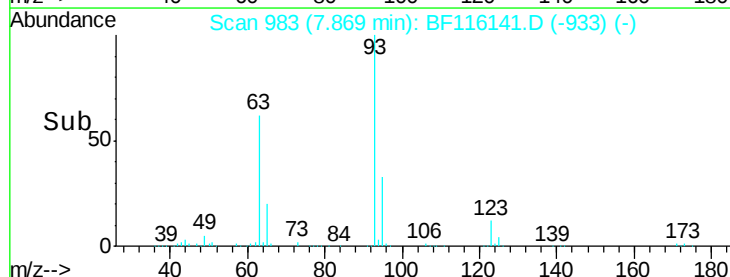
123 11.7 9.2 13.8



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

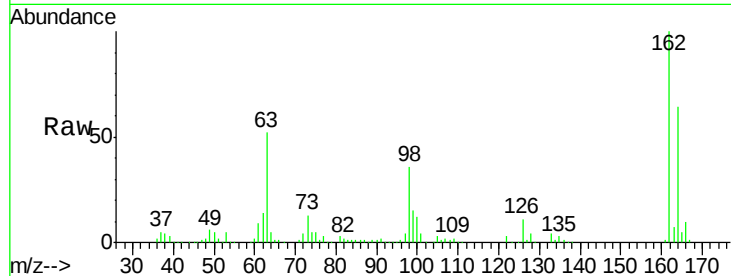




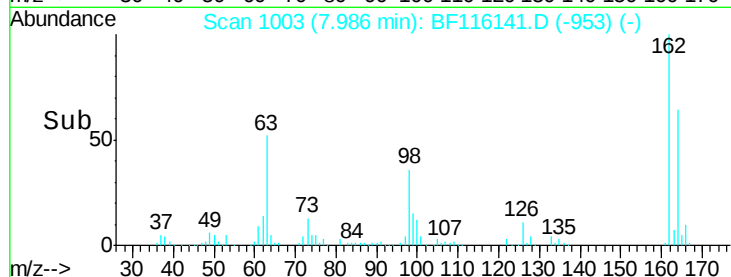
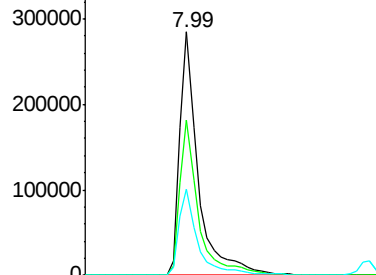
#29
 2,4-Dichlorophenol
 Concen: 43.570 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	35.5	15.8	55.8

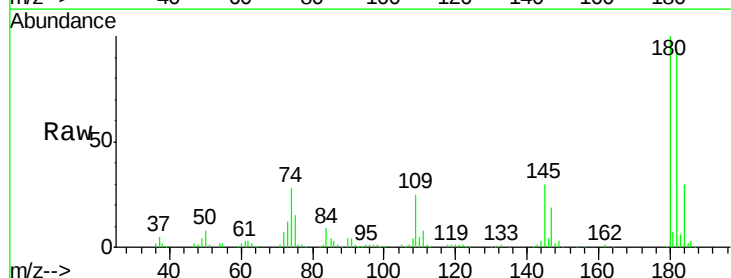


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

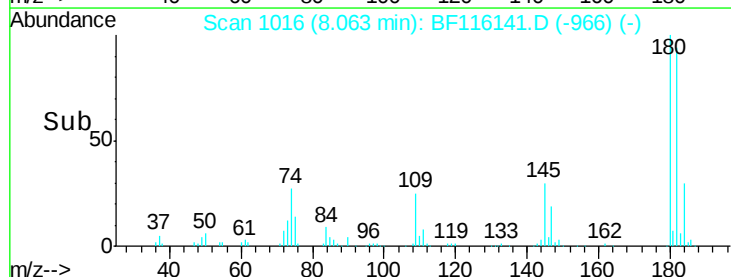
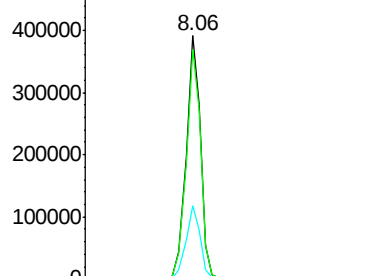


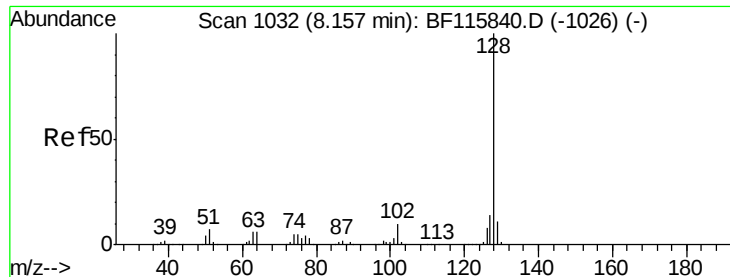
#30
 1,2,4-Trichlorobenzene
 Concen: 41.768 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.7	113.5
145	30.0	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

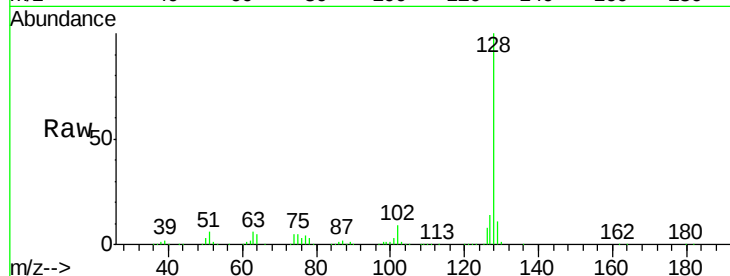




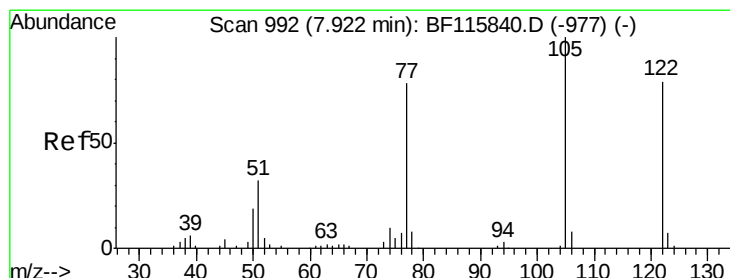
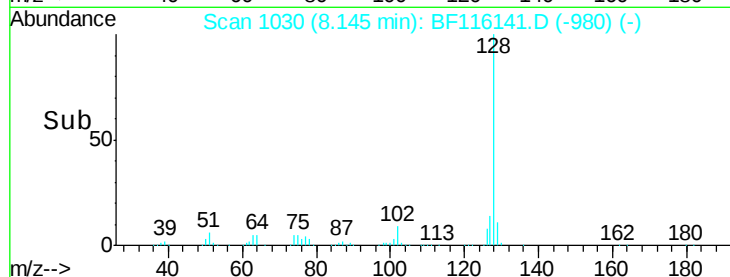
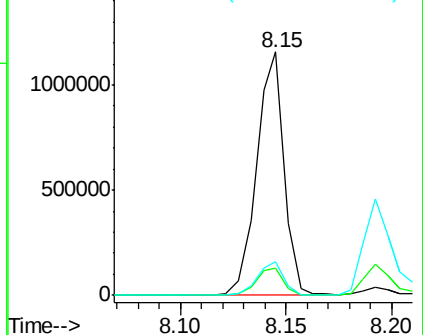
#31
Naphthalene
Concen: 42.409 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1044916
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.9 11.4 17.0

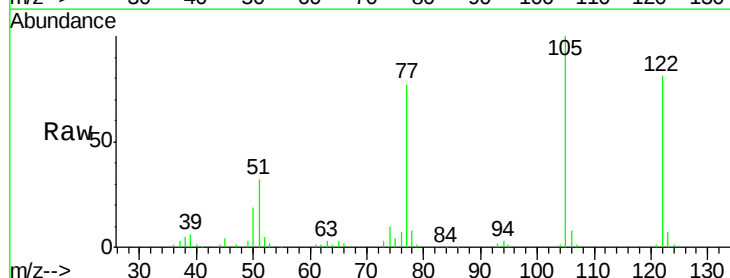


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

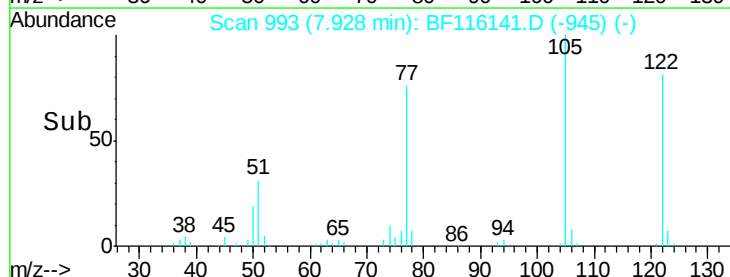
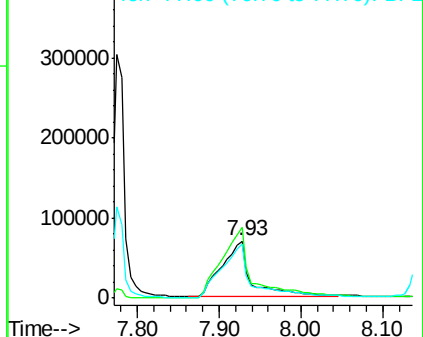


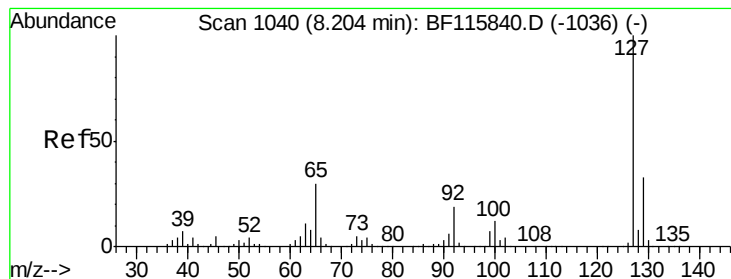
#32
Benzoic acid
Concen: 36.907 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:122 Resp: 180735
Ion Ratio Lower Upper
122 100
105 123.4 106.1 146.1
77 95.0 76.7 116.7



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: 41.674 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 458786

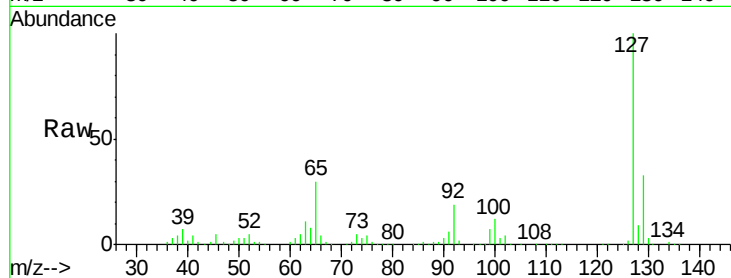
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 30.4 24.9 37.3

92 19.0 15.7 23.5

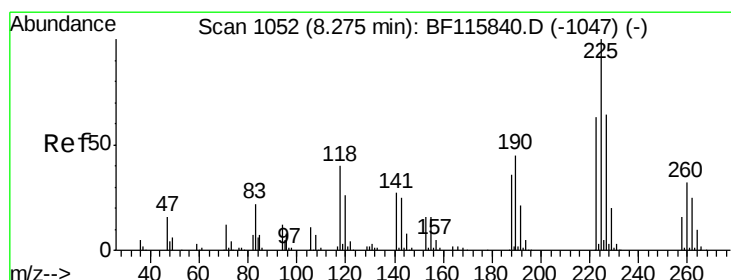
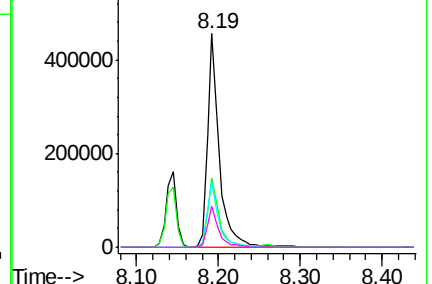
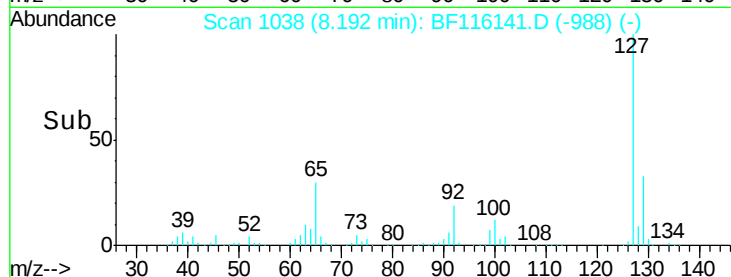


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.289 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

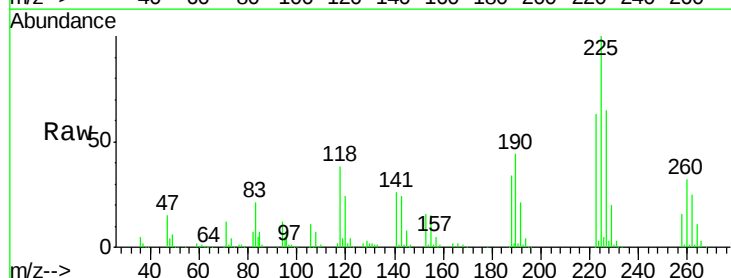
Tgt Ion:225 Resp: 203634

Ion Ratio Lower Upper

225 100

223 63.4 50.0 75.0

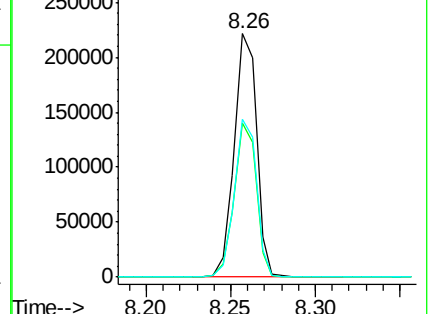
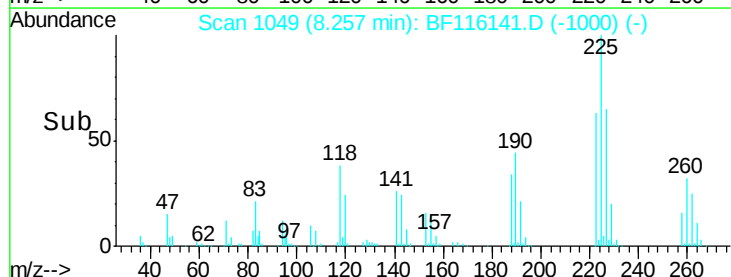
227 64.7 51.0 76.4

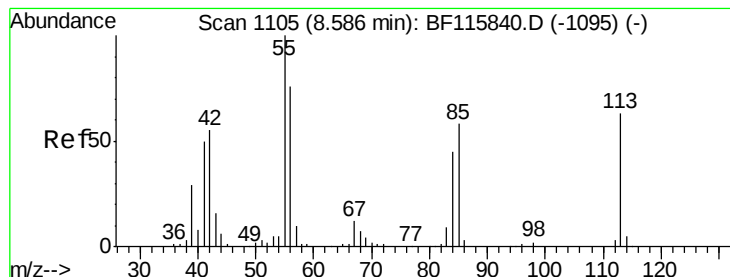


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.592 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

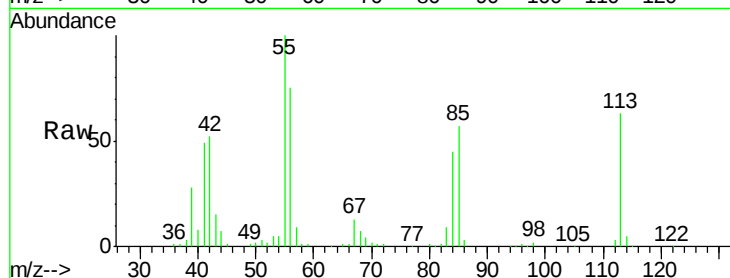
Tot Ion:113 Resp: 96284

Ion Ratio Lower Upper

113 100

55 159.1 144.3 184.3

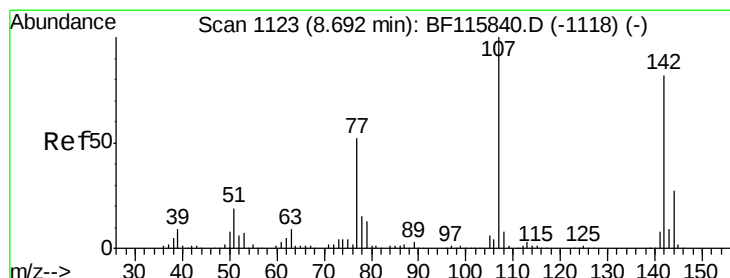
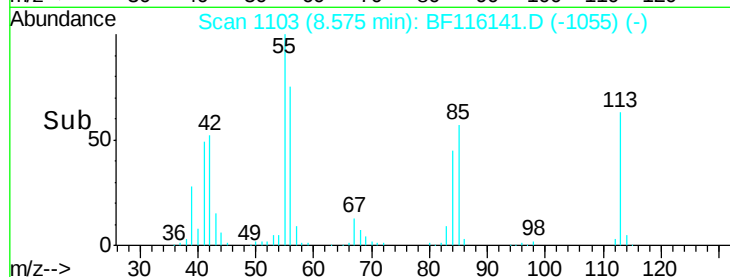
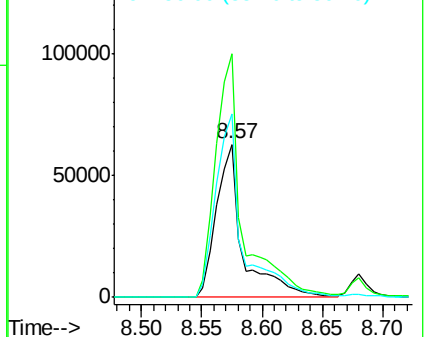
56 119.8 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.175 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

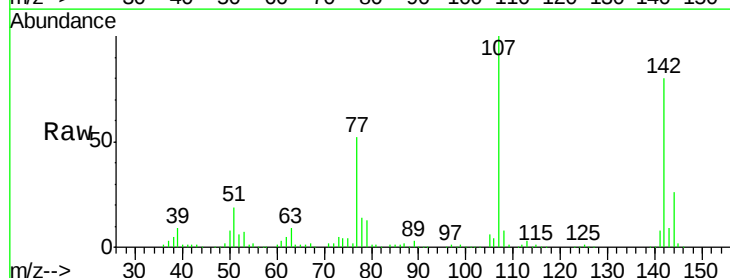
Tgt Ion:107 Resp: 329408

Ion Ratio Lower Upper

107 100

144 25.5 20.2 30.2

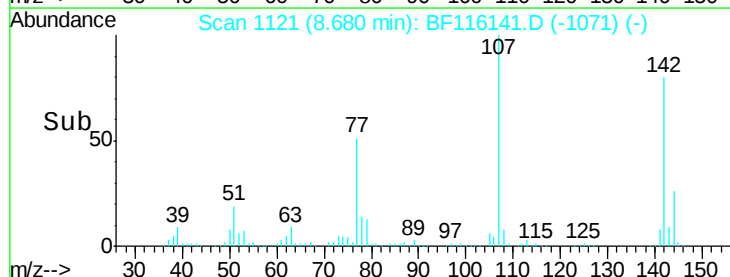
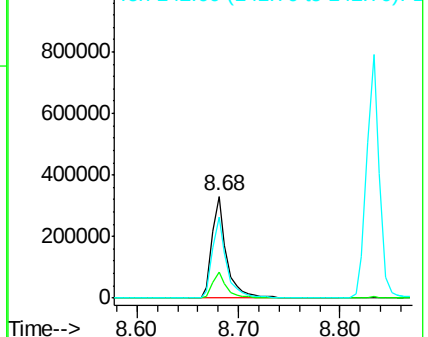
142 79.9 61.7 92.5

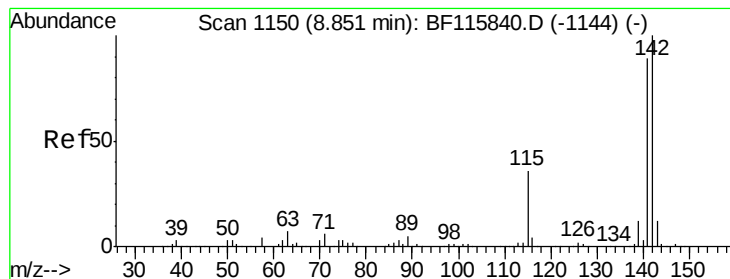


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.720 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

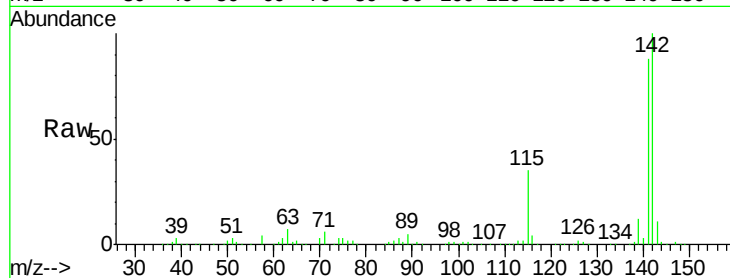
Tot Ion:142 Resp: 693203

Ion Ratio Lower Upper

142 100

141 87.5 70.9 106.3

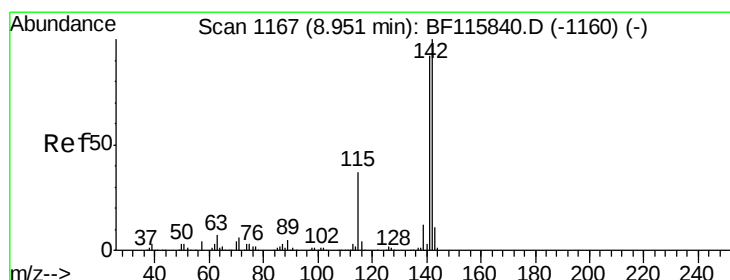
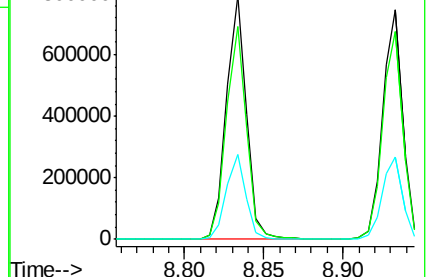
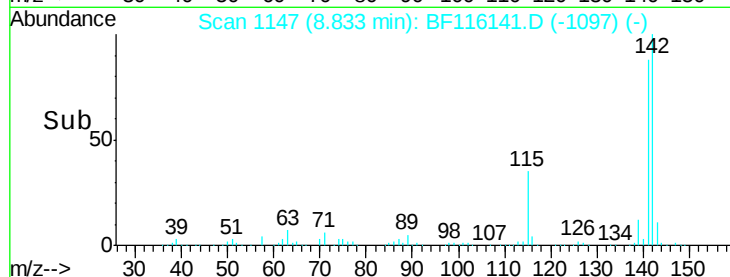
115 35.0 29.0 43.6



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: 42.557 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

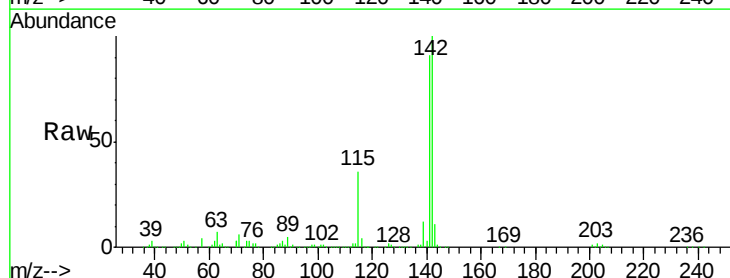
Tgt Ion:142 Resp: 653306

Ion Ratio Lower Upper

142 100

141 90.5 74.4 111.6

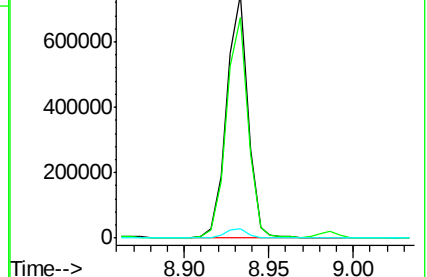
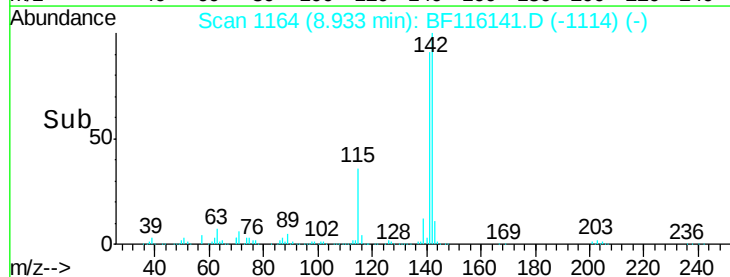
116 3.8 3.1 4.7

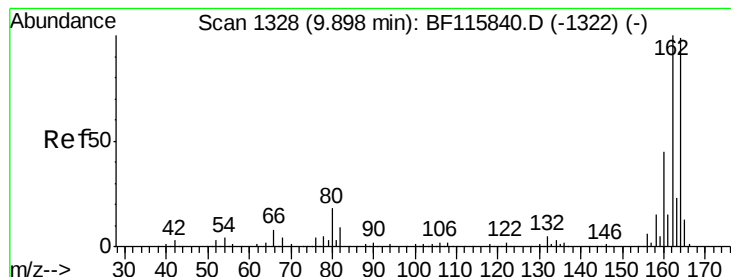


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

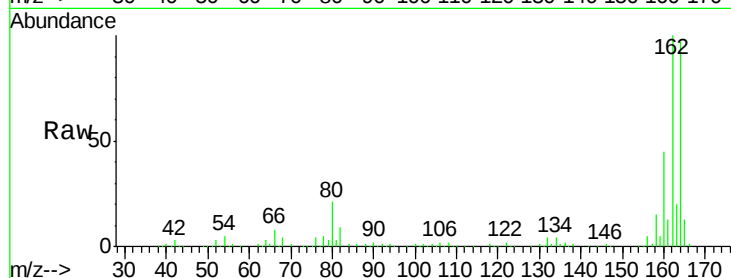
Tot Ion:164 Resp: 278307

Ion Ratio Lower Upper

164 100

162 103.2 82.6 124.0

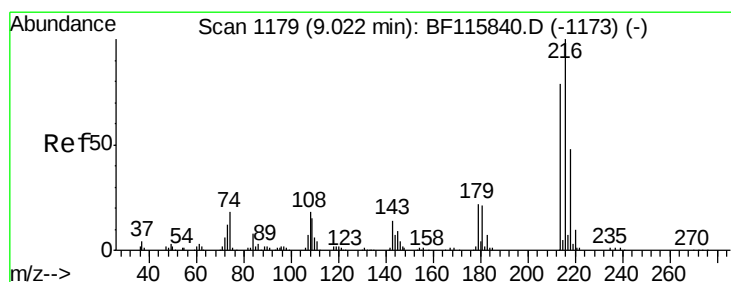
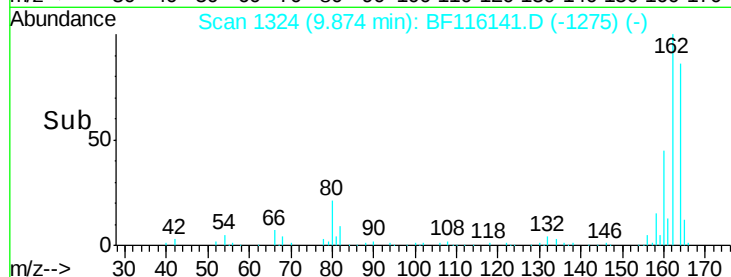
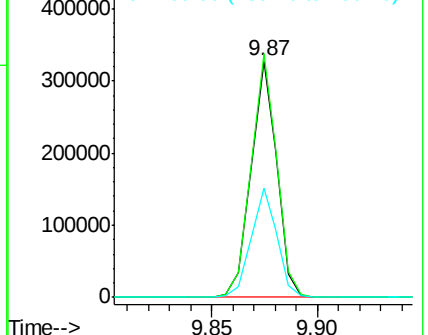
160 46.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.374 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Tgt Ion:216 Resp: 322711

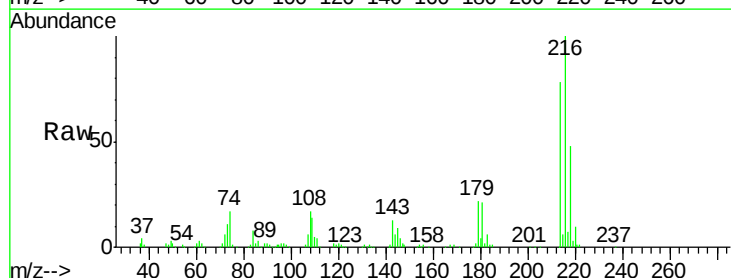
Ion Ratio Lower Upper

216 100

214 79.0 63.6 95.4

179 22.2 17.8 26.8

108 19.9 16.5 24.7

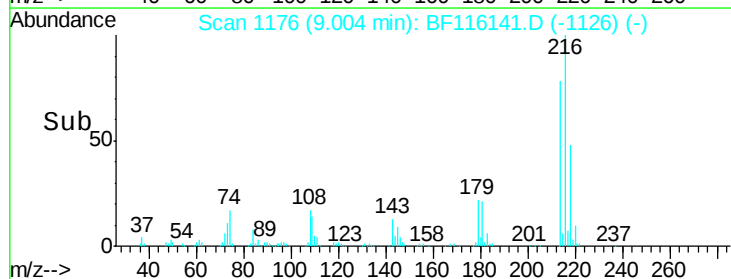
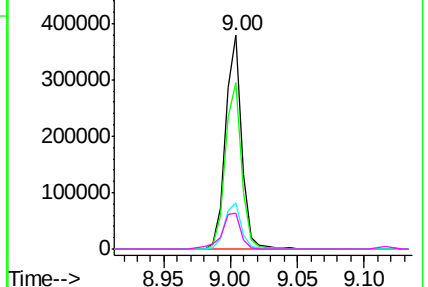


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.059 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

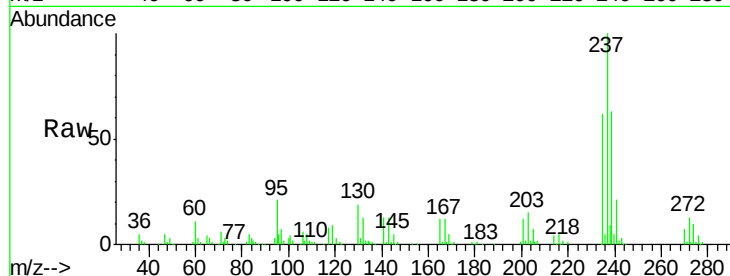
Tot Ion:237 Resp: 115923

Ion Ratio Lower Upper

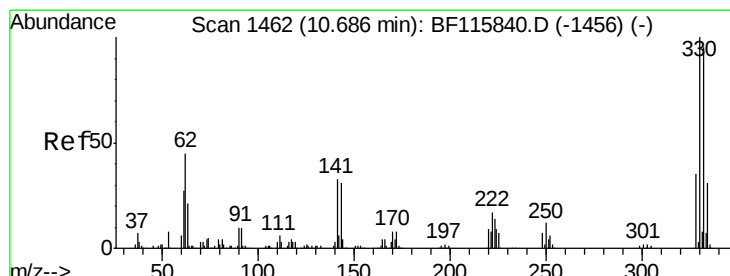
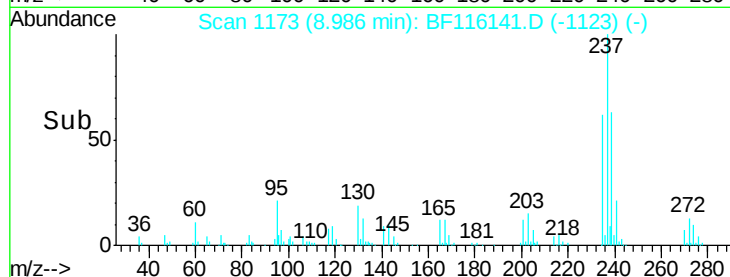
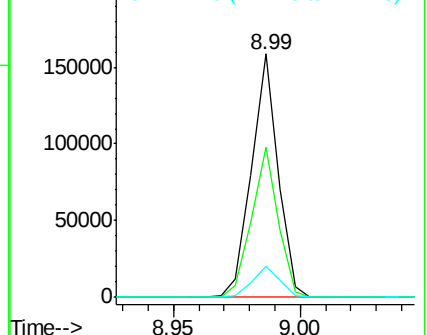
237 100

235 61.7 43.4 83.4

272 12.6 0.0 33.2



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: 85.194 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

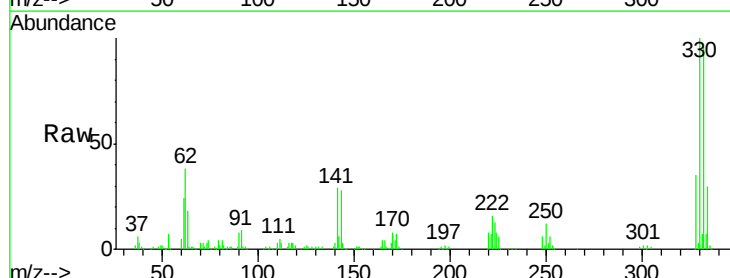
Tgt Ion:330 Resp: 229877

Ion Ratio Lower Upper

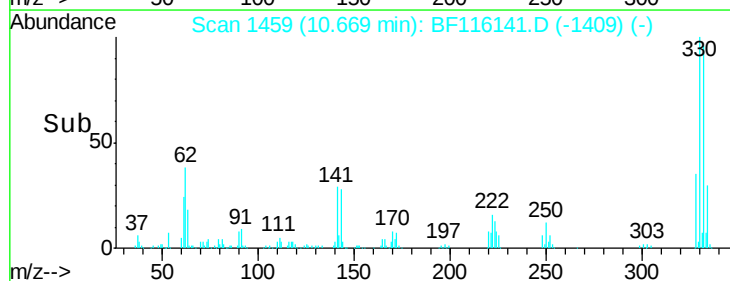
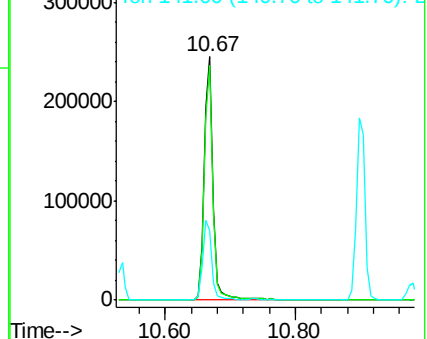
330 100

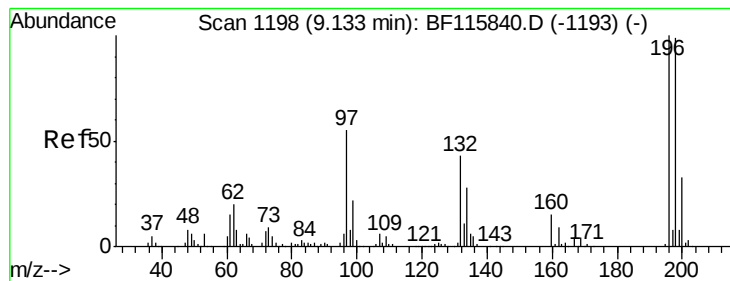
332 95.3 76.8 115.2

141 33.5 26.3 39.5



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: 39.731 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

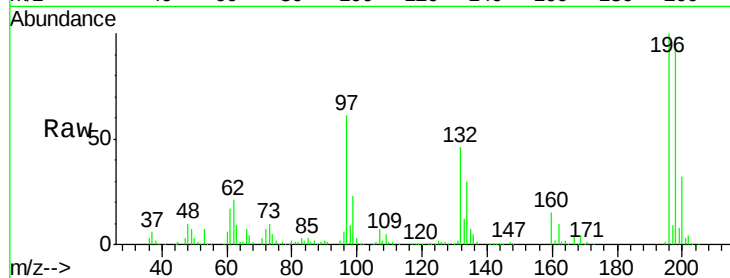
Tot Ion:196 Resp: 203470

Ion Ratio Lower Upper

196 100

198 98.3 79.2 118.8

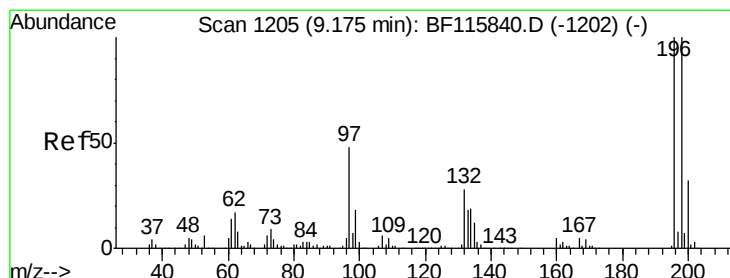
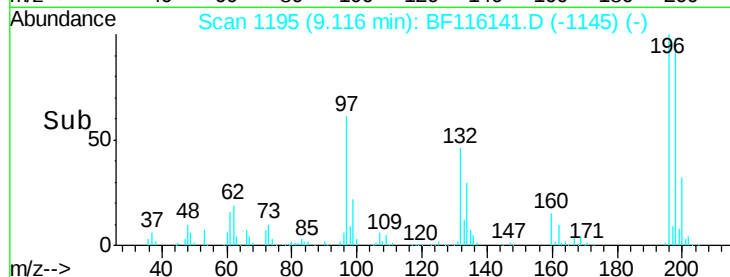
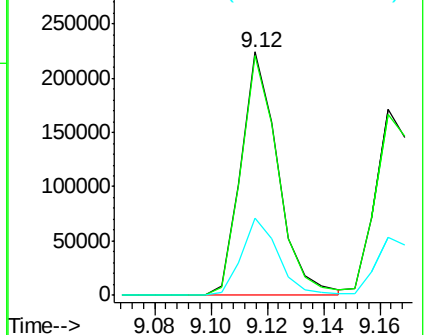
200 31.7 25.2 37.8



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: 40.426 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Tgt Ion:196 Resp: 214010

Ion Ratio Lower Upper

196 100

198 96.8 78.8 118.2

97 52.7 42.2 63.4

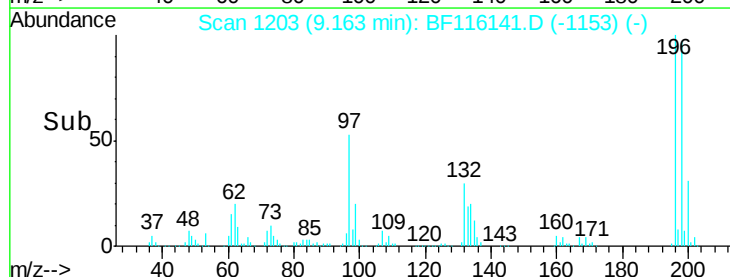
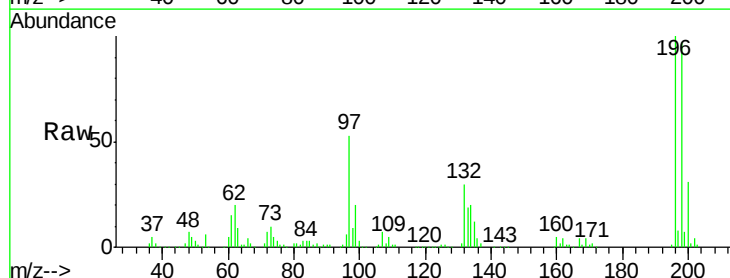
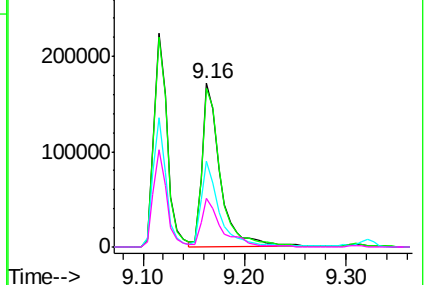
132 29.6 24.0 36.0

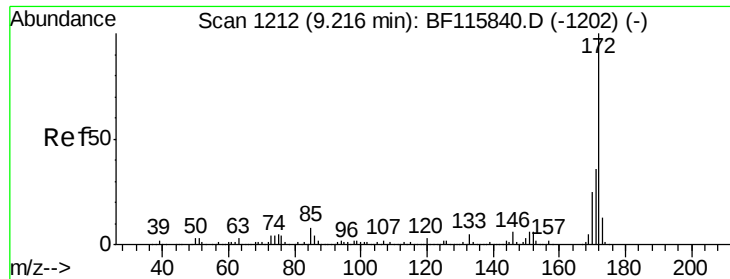
Abundance Ion 196.00 (195.70 to 196.70): E

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

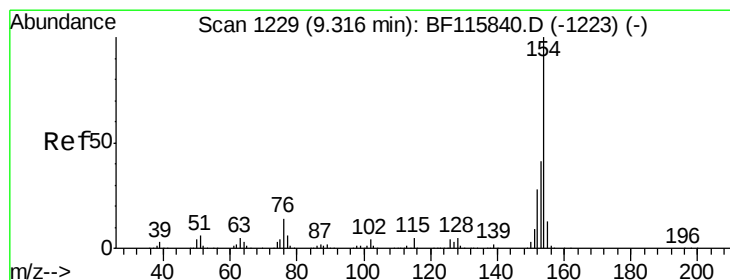
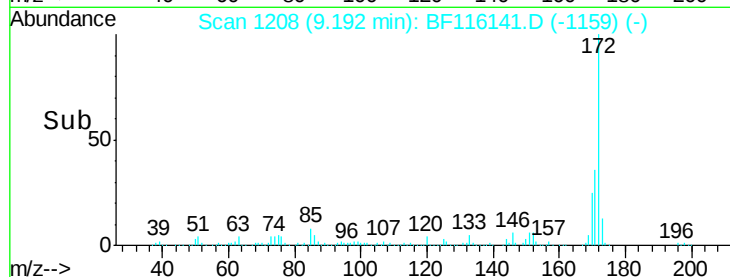
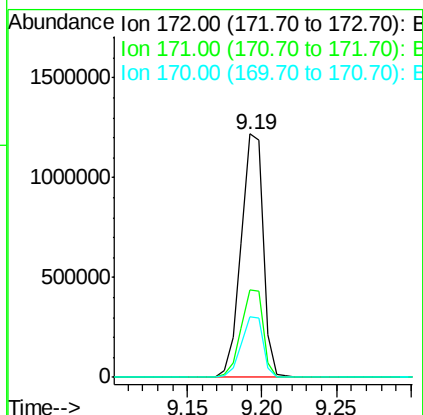
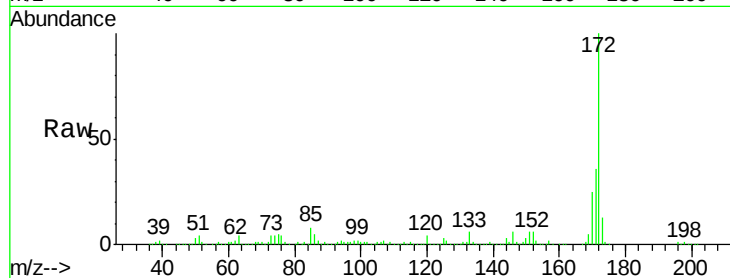




#45
2-Fluorobiphenyl
Concen: 84.504 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

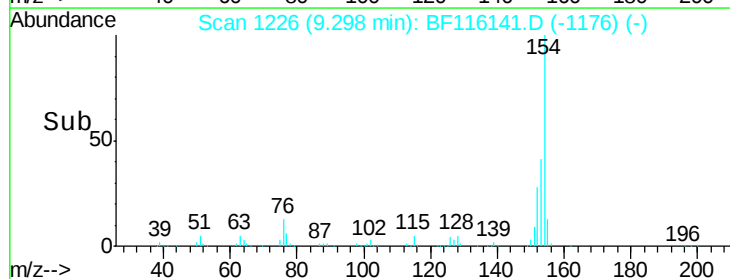
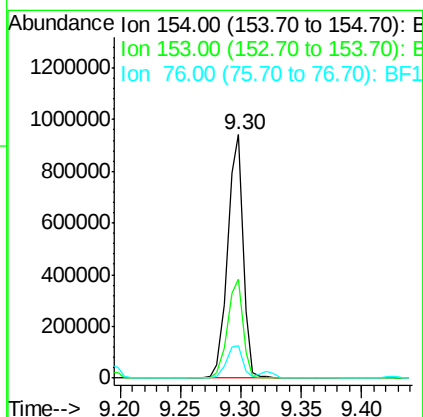
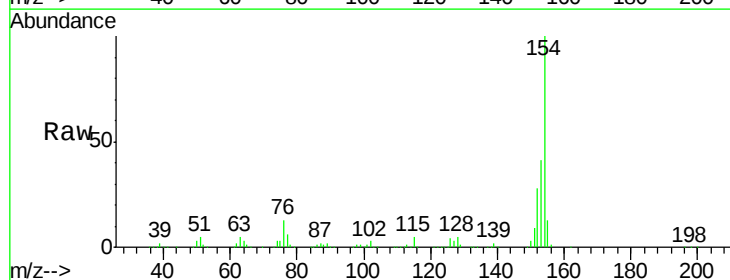
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

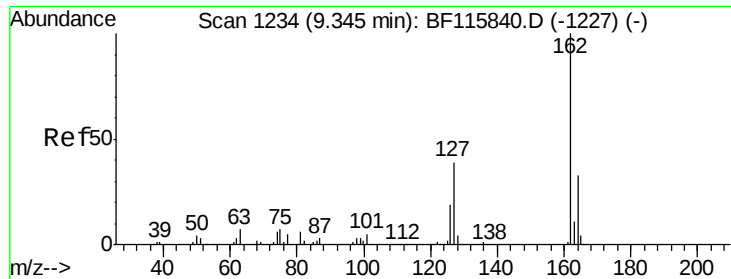
Tot Ion:172 Resp: 1255588
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.713 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:154 Resp: 839234
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 13.1 0.0 35.2

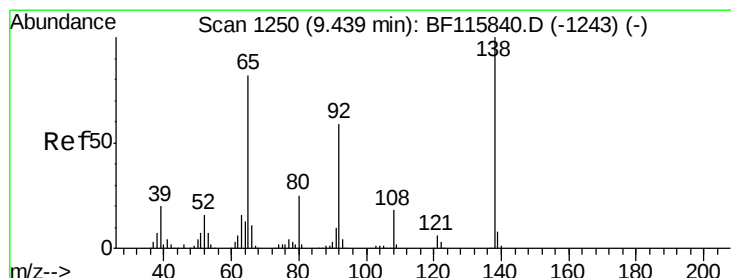
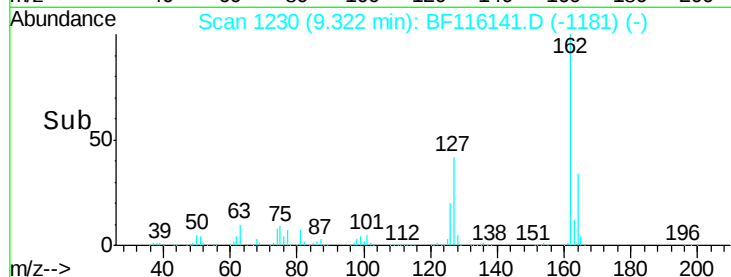
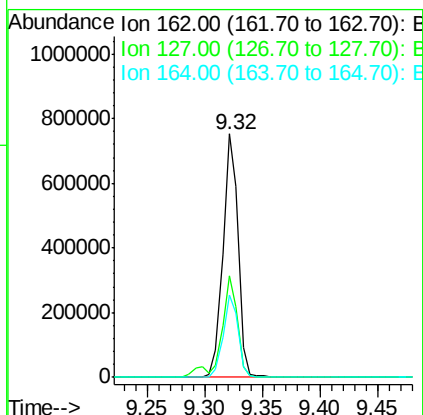
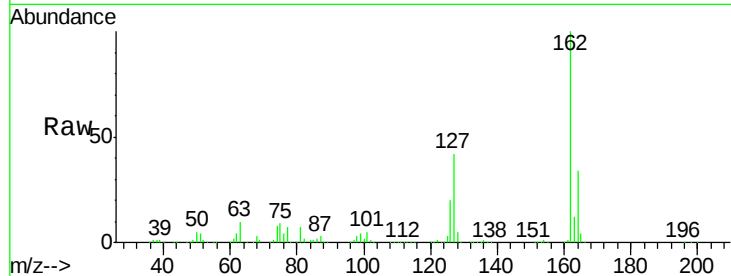




#47
 2-Chloronaphthalene
 Concen: 41.893 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

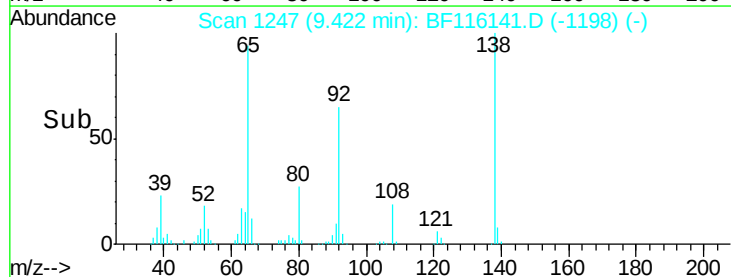
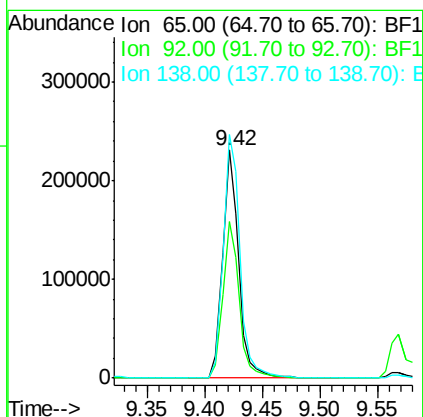
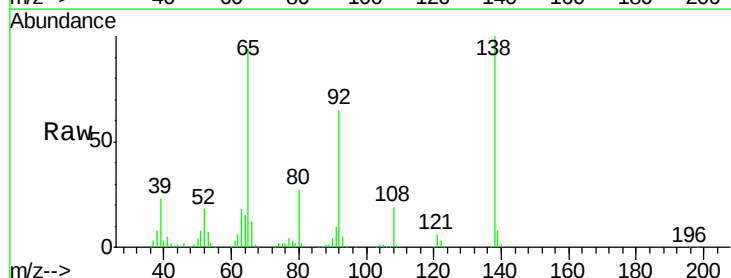
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

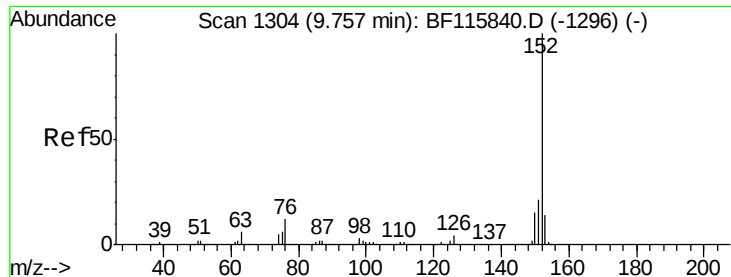
Tot Ion:162 Resp: 685083
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.8 49.2
 164 33.6 26.6 39.8



#48
 2-Nitroaniline
 Concen: 41.455 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Tgt Ion: 65 Resp: 224077
 Ion Ratio Lower Upper
 65 100
 92 69.0 57.8 86.8
 138 106.9 94.0 141.0





#49

Acenaphthylene

Concen: 42.815 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

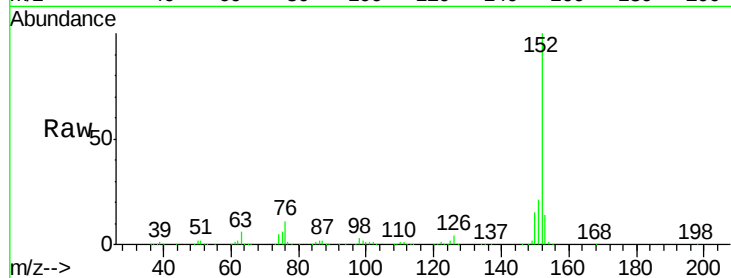
Tot Ion:152 Resp: 1021470

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

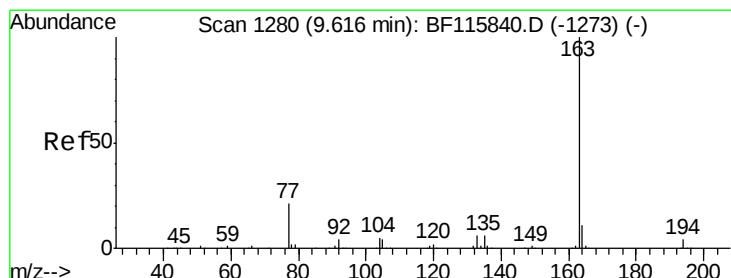
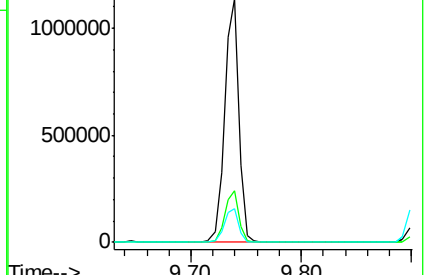
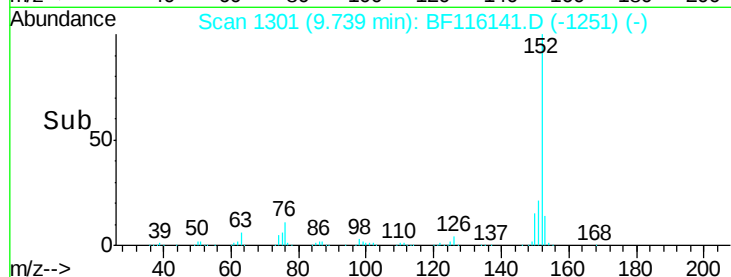
153 13.7 11.8 17.8



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: 42.338 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

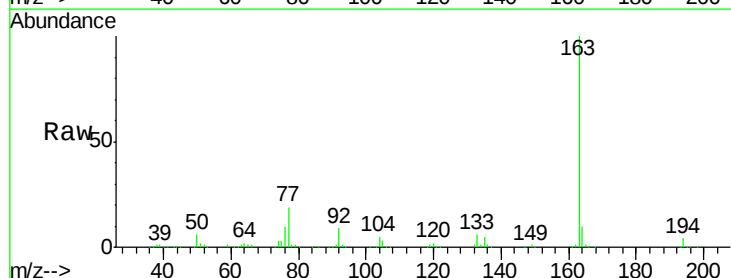
Tgt Ion:163 Resp: 802294

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

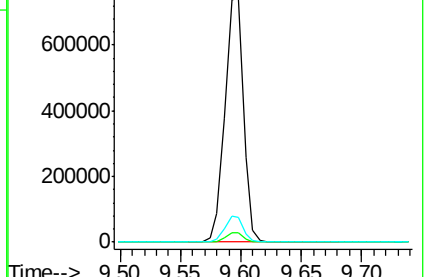
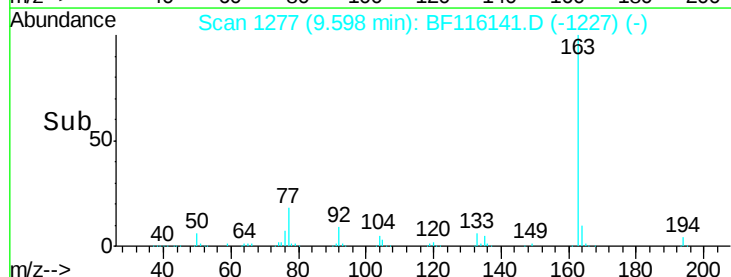
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.374 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

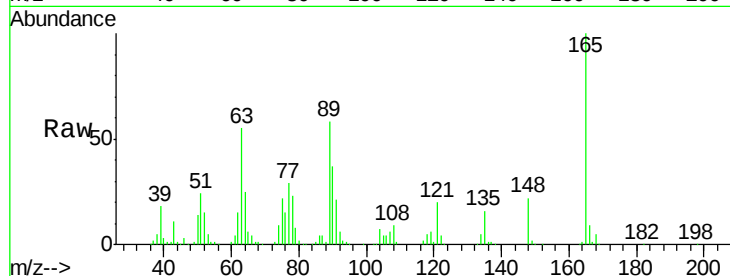
Tot Ion:165 Resp: 174500

Ion Ratio Lower Upper

165 100

63 54.7 38.2 57.2

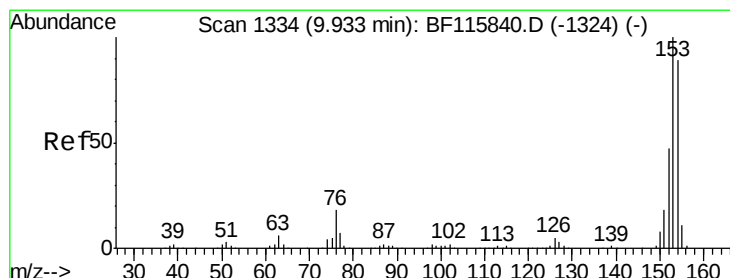
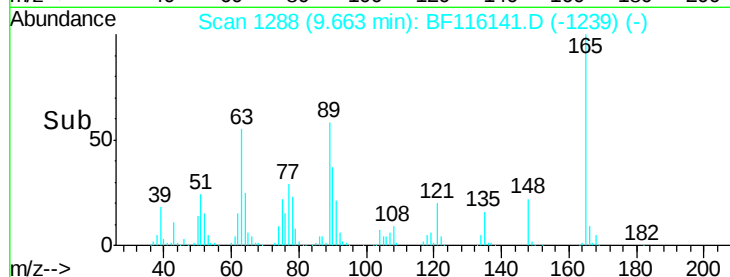
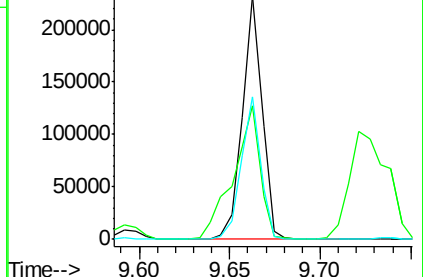
89 58.4 42.9 64.3



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: 42.034 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

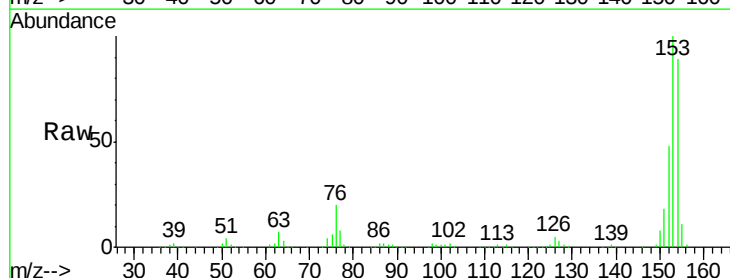
Tgt Ion:154 Resp: 615223

Ion Ratio Lower Upper

154 100

153 112.7 89.4 134.0

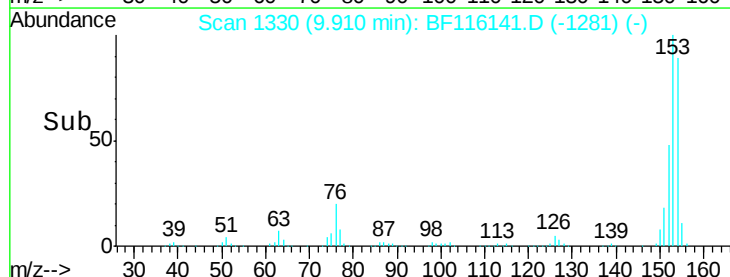
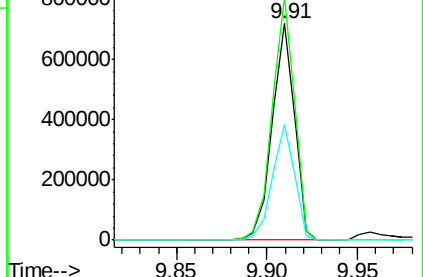
152 53.8 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

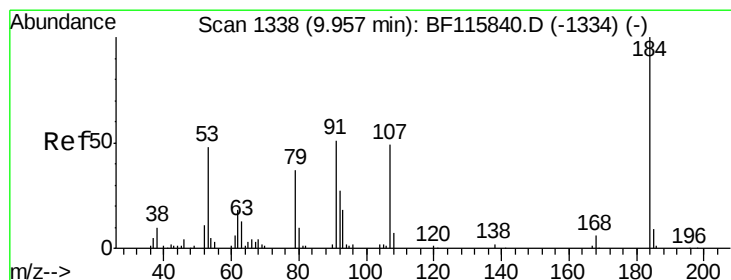
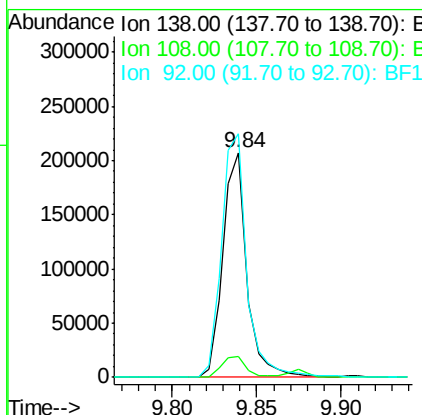
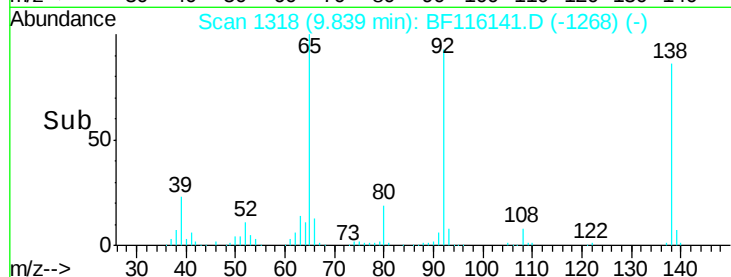
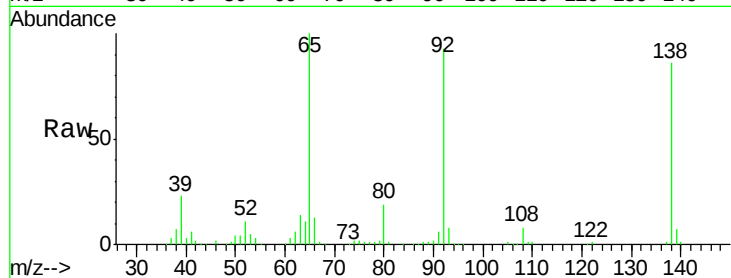




#53
 3-Nitroaniline
 Concen: 40.606 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

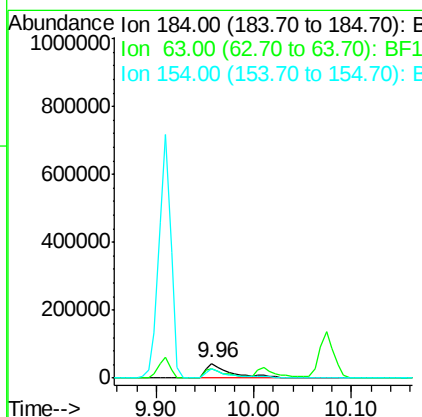
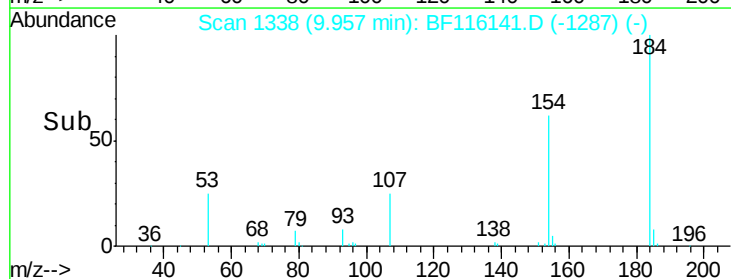
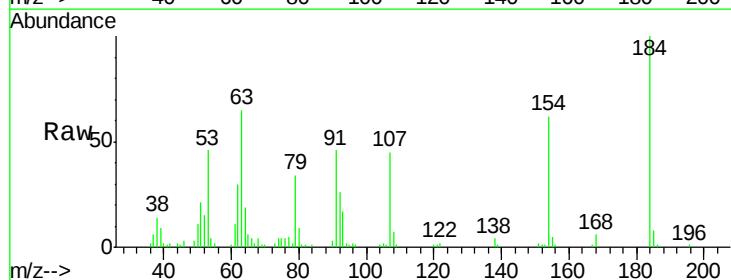
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

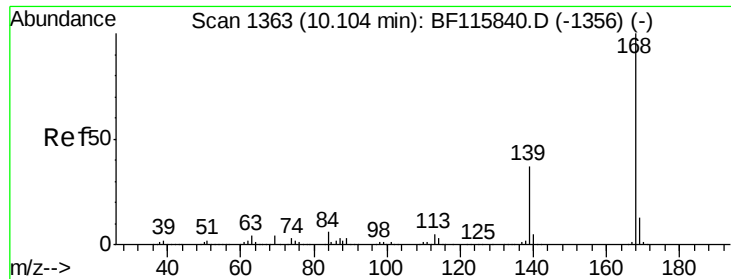
Tot Ion:138 Resp: 206618
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.0 12.0
 92 108.3 91.0 136.6



#54
 2,4-Dinitrophenol
 Concen: 40.784 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Tgt Ion:184 Resp: 76533
 Ion Ratio Lower Upper
 184 100
 63 65.2 53.0 79.4
 154 61.7 50.1 75.1

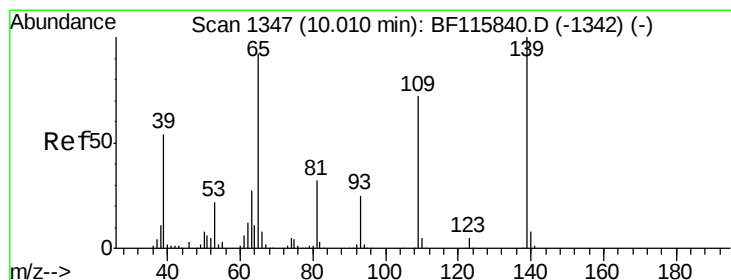
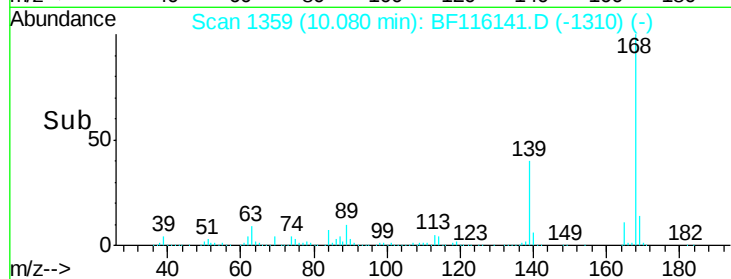
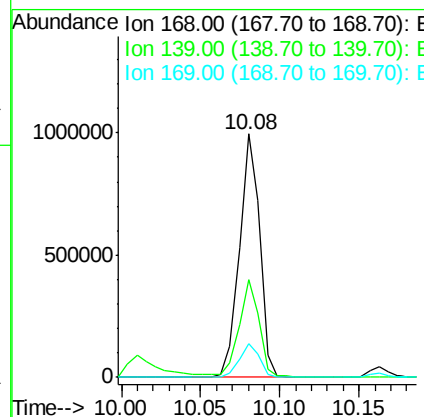
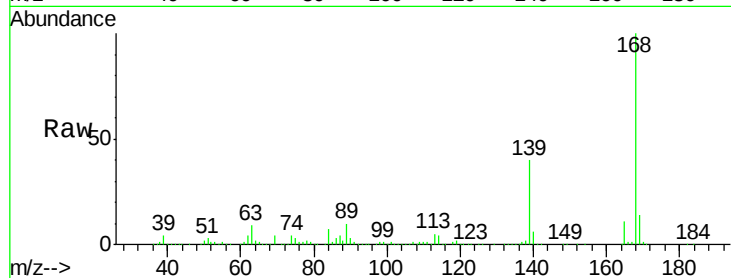




#55
Dibenzenofuran
Concen: 41.552 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

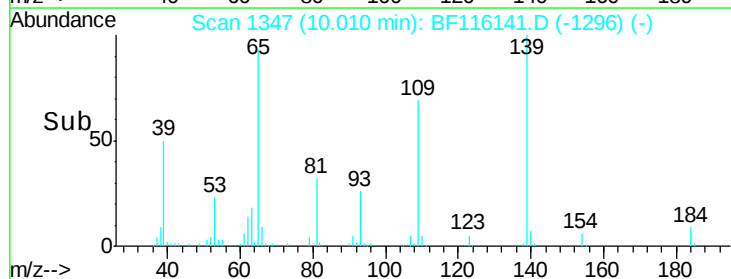
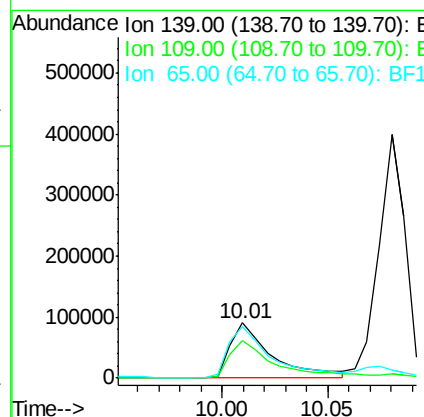
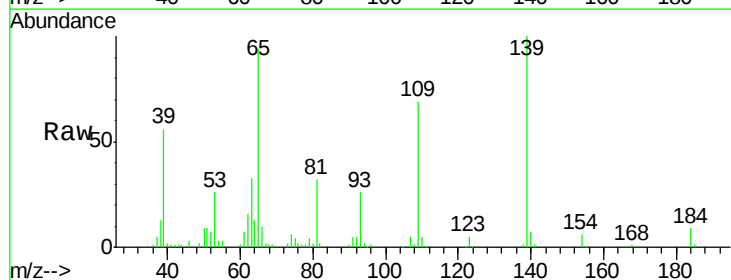
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 884437
Ion Ratio Lower Upper
168 100
139 40.1 31.4 47.2
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 38.409 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:139 Resp: 125199
Ion Ratio Lower Upper
139 100
109 69.3 54.4 94.4
65 93.7 80.6 120.6

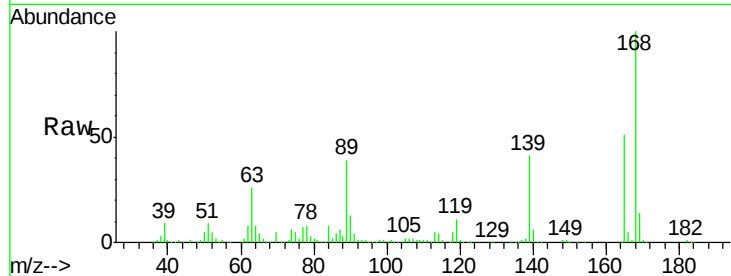




#57
2,4-Dinitrotoluene
Concen: 40.733 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	39.6	59.4
89	77.2	62.2	93.2
182	2.6	2.1	3.1



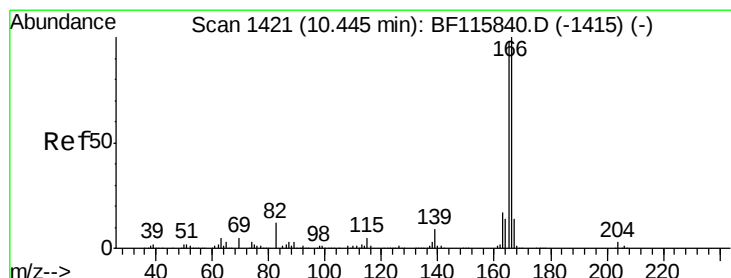
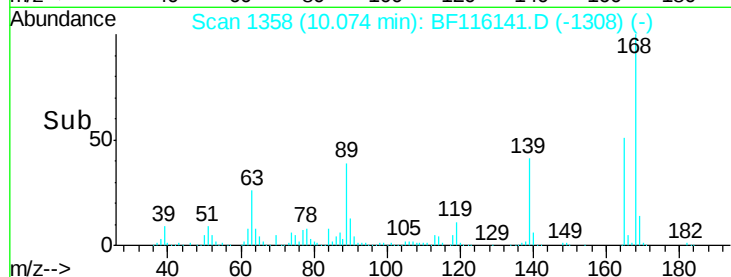
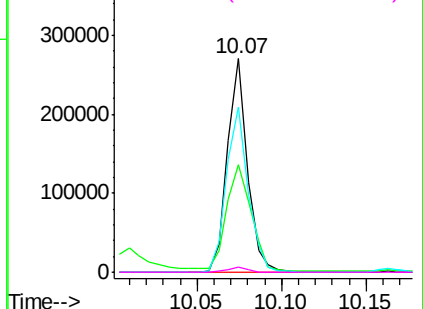
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

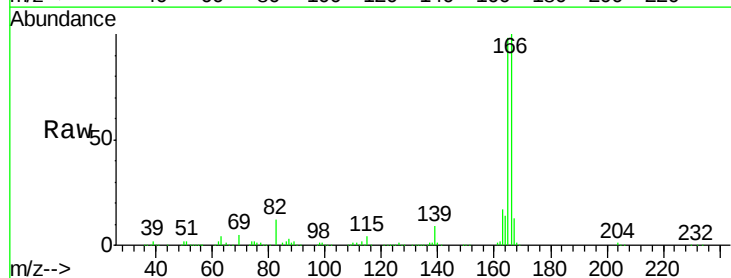
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.405 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.0	11.0	16.4

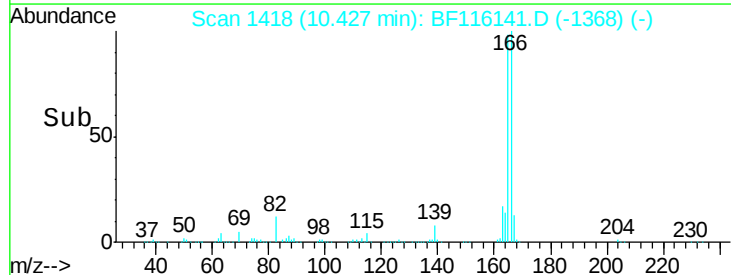
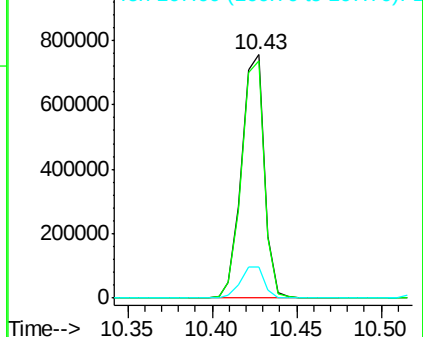


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

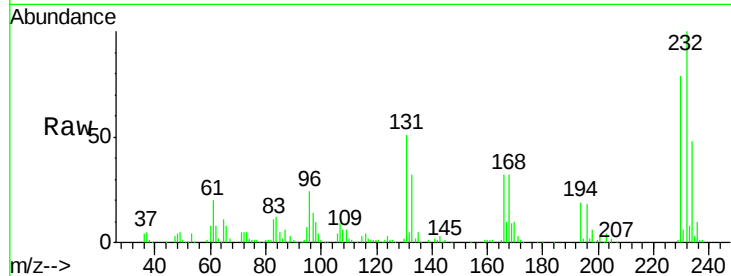




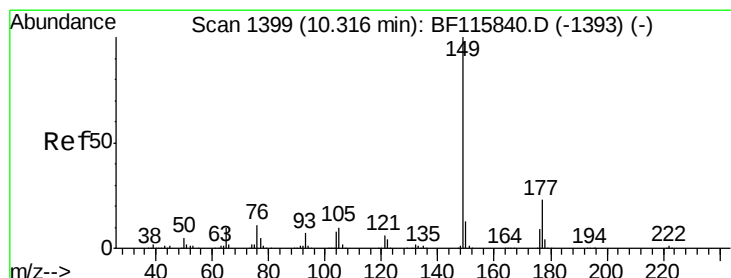
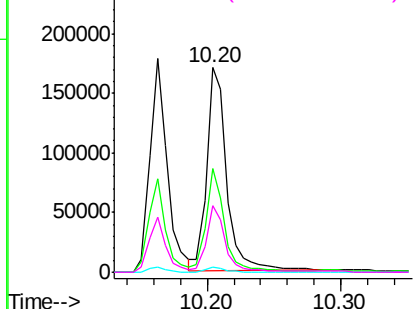
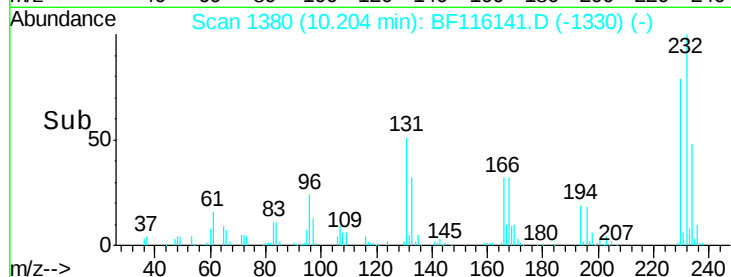
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.306 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 179514
Ion Ratio Lower Upper
232 100
131 45.2 36.2 54.2
130 2.1 1.9 2.9
166 29.9 23.0 34.4

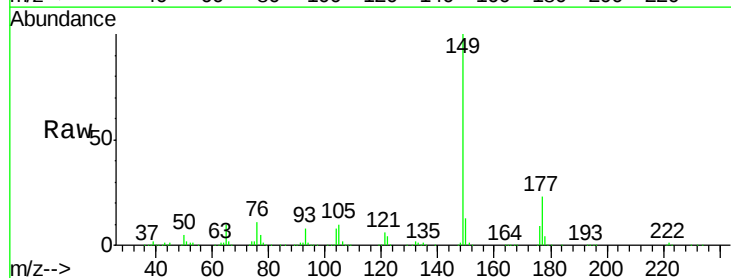


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

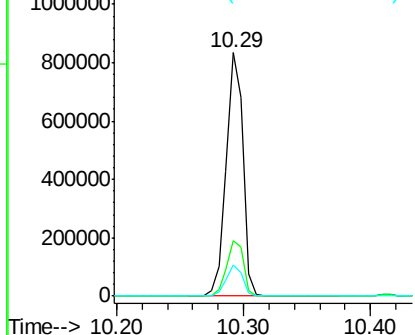
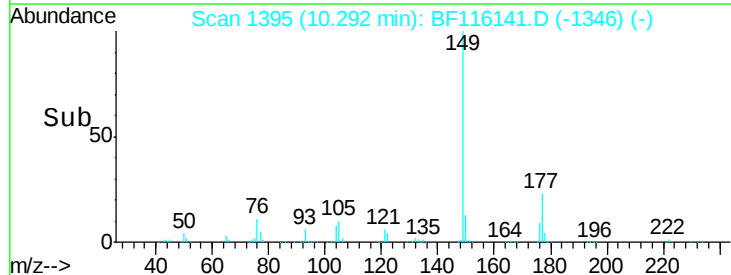


#60
Diethylphthalate
Concen: 43.051 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:149 Resp: 761646
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 13.0 10.2 15.4



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

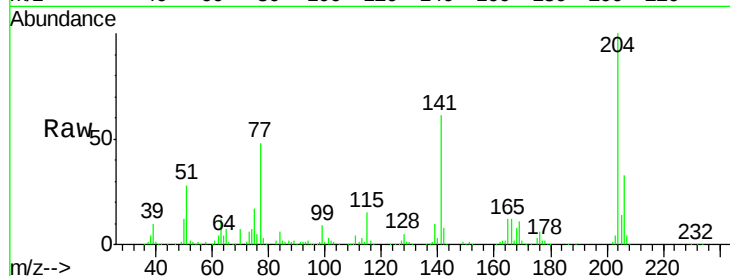




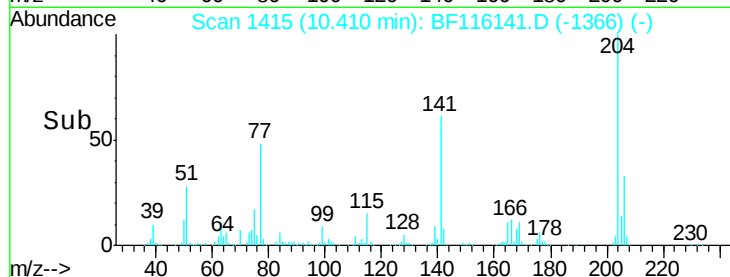
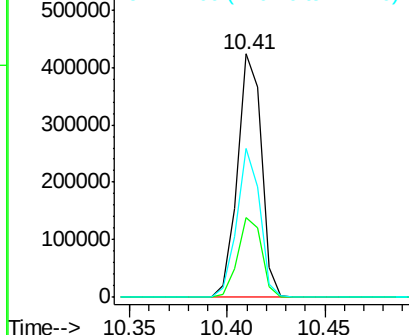
#61
4-Chlorophenyl-phenylether
Concen: 43.643 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 361963
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 61.3 46.4 69.6

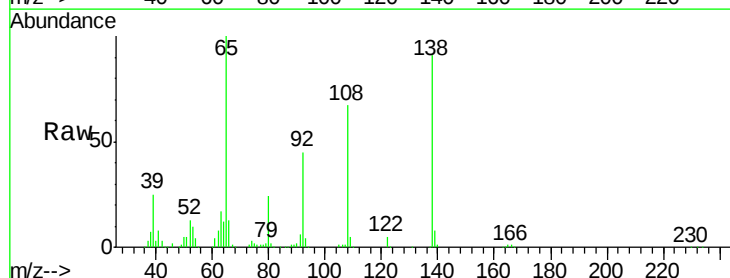


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

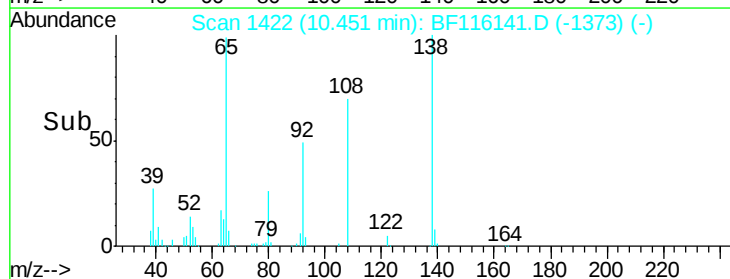
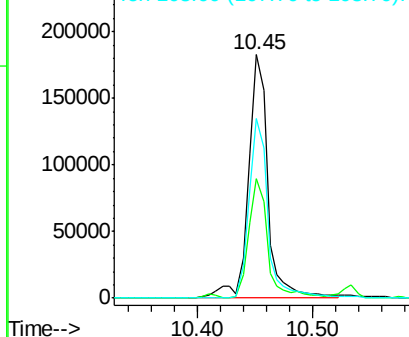


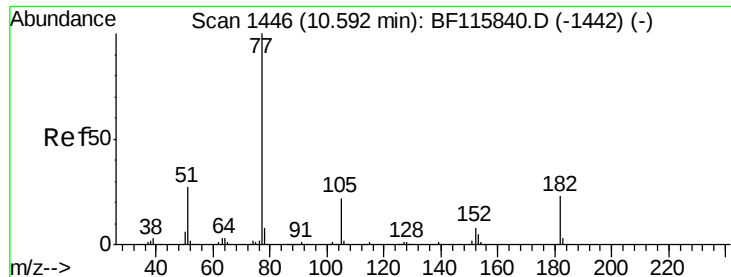
#62
4-Nitroaniline
Concen: 40.763 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:138 Resp: 214355
Ion Ratio Lower Upper
138 100
92 49.0 29.0 69.0
108 74.0 54.7 94.7



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





#63

Azobenzene

Concen: 42.646 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 776032

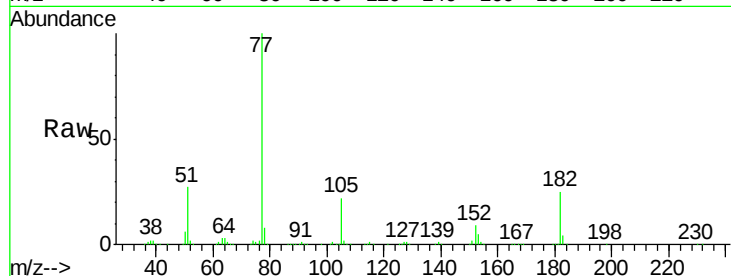
Ion Ratio Lower Upper

77 100

182 25.5 4.0 44.0

105 22.3 2.0 42.0

51 26.7 7.5 47.5

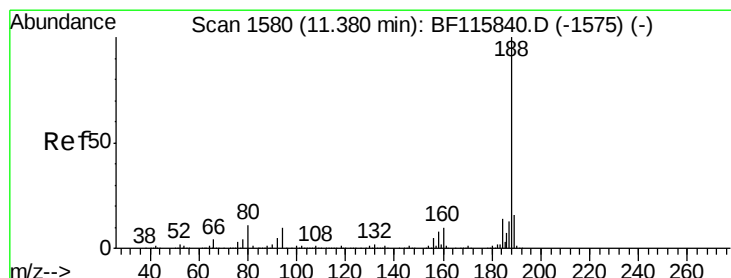
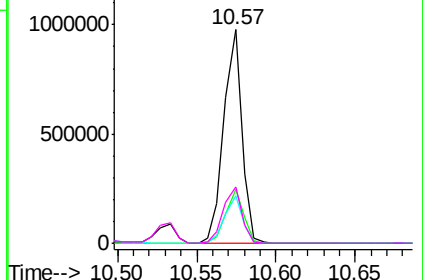
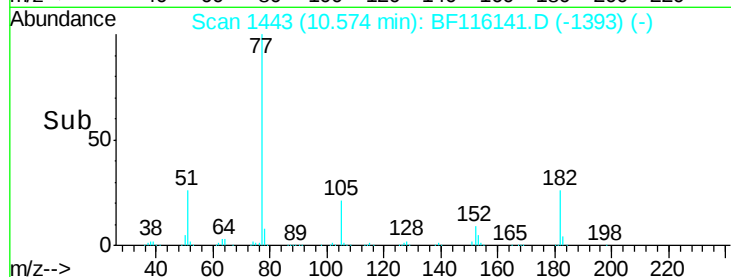


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

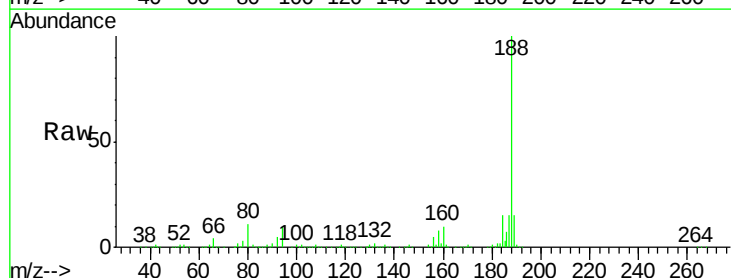
Tgt Ion: 188 Resp: 483554

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

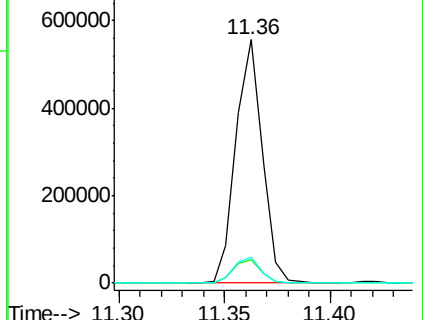
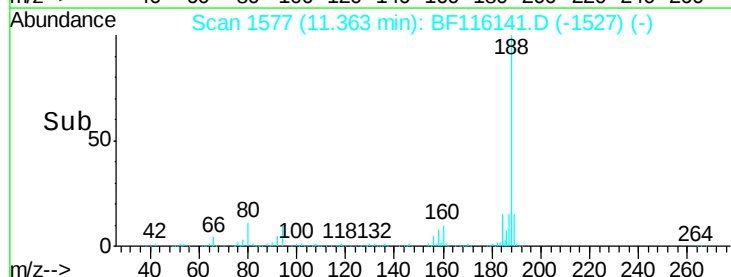
80 10.6 8.7 13.1

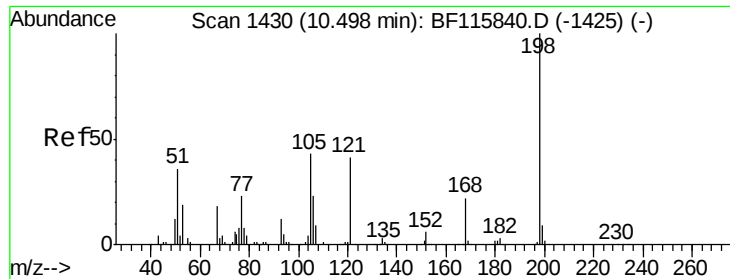


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.949 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

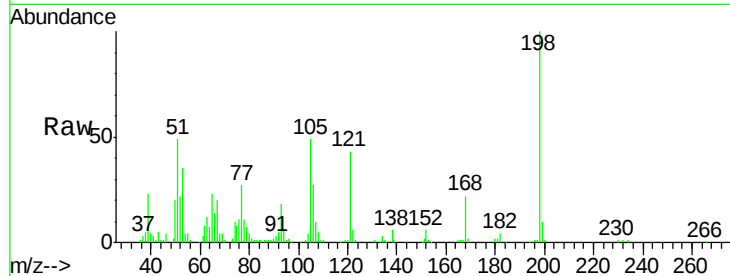
Tot Ion:198 Resp: 110057

Ion Ratio Lower Upper

198 100

51 48.5 17.0 57.0

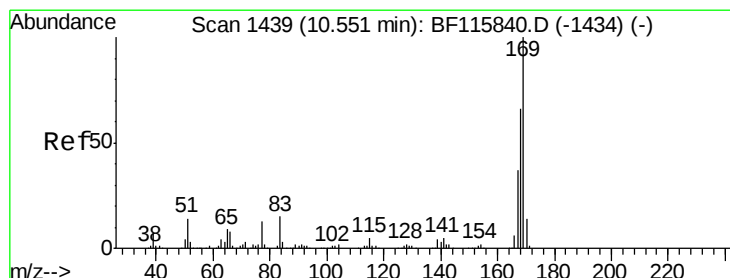
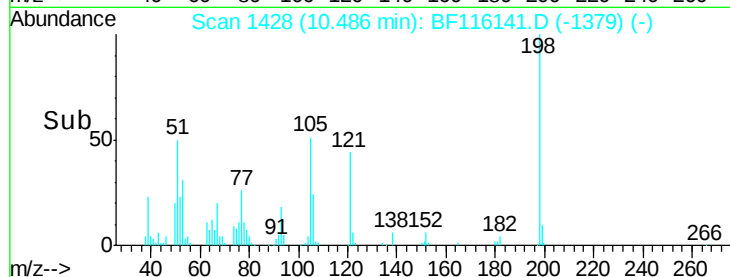
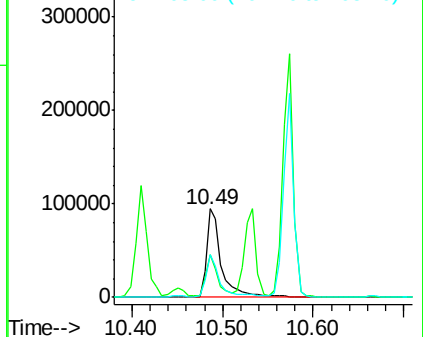
105 48.6 21.6 61.6



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: 42.741 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

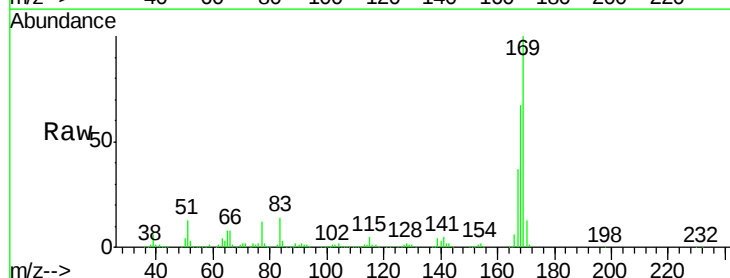
Tgt Ion:169 Resp: 622068

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.6

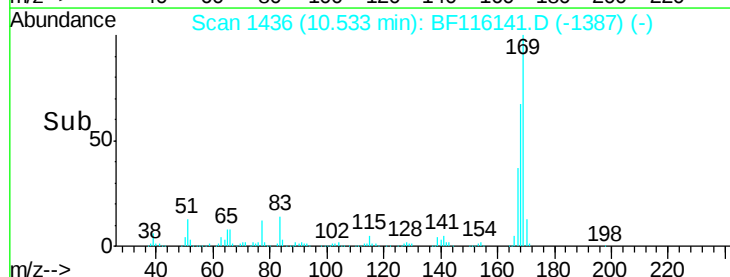
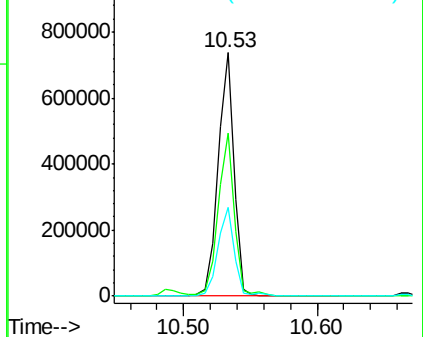
167 36.6 29.6 44.4



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

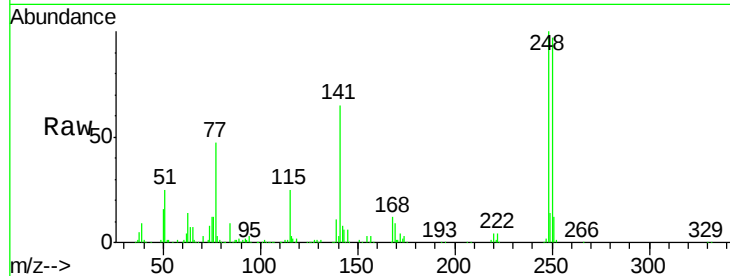




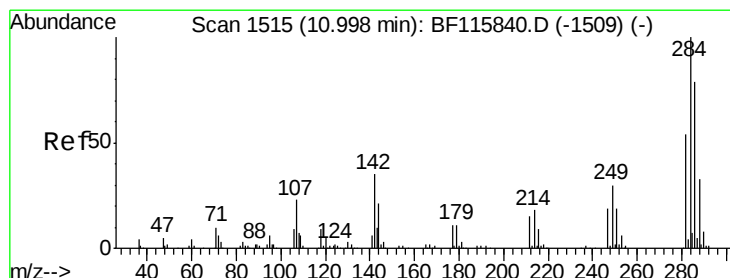
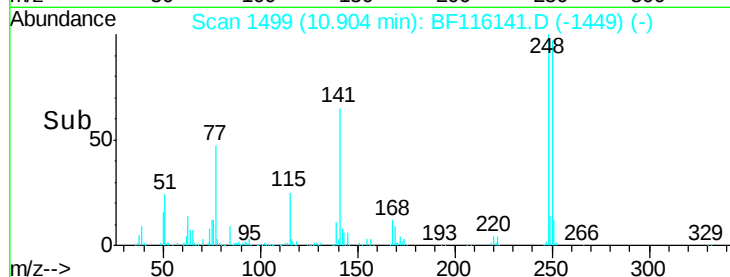
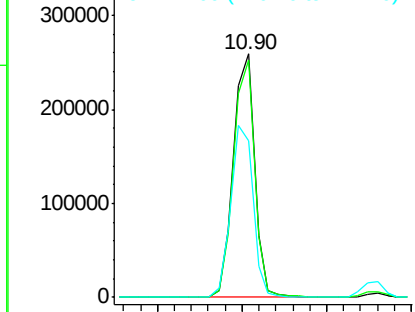
#67
4-Bromophenyl-phenylether
Concen: 43.843 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 226951
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 64.5 56.8 85.2

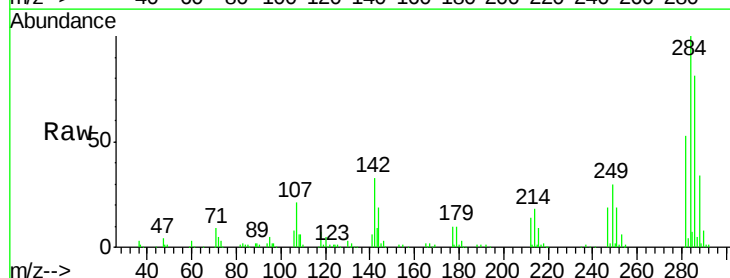


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

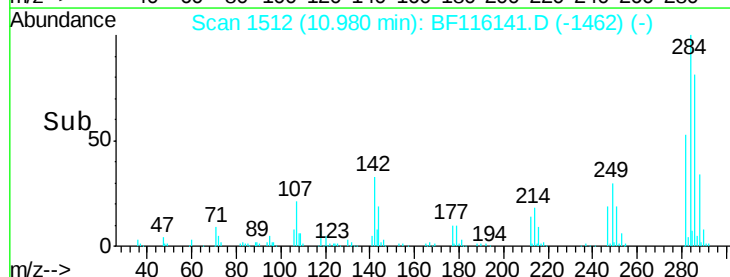
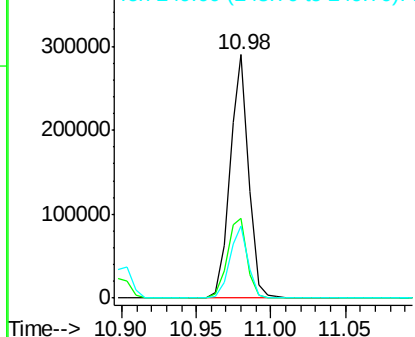


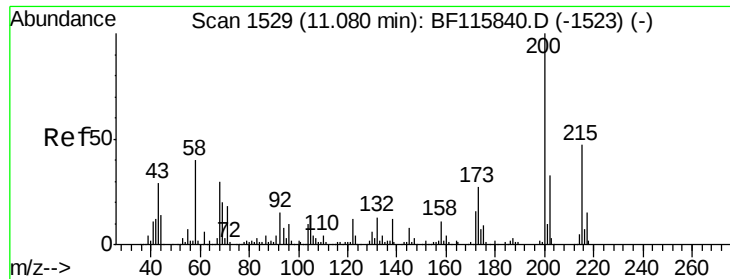
#68
Hexachlorobenzene
Concen: 42.379 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:284 Resp: 253672
Ion Ratio Lower Upper
284 100
142 32.8 28.4 42.6
249 29.9 24.5 36.7



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





#69

Atrazine

Concen: 33.345 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

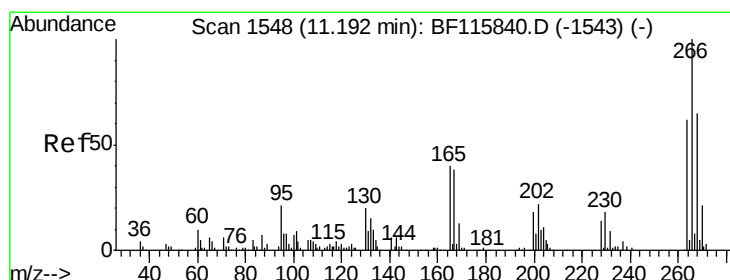
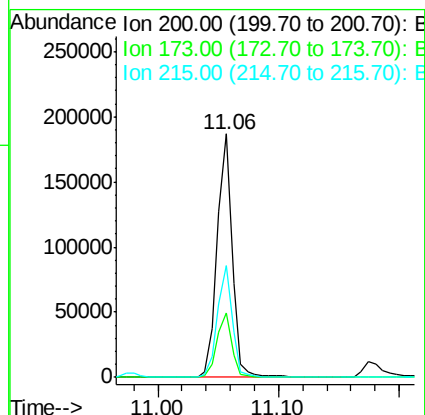
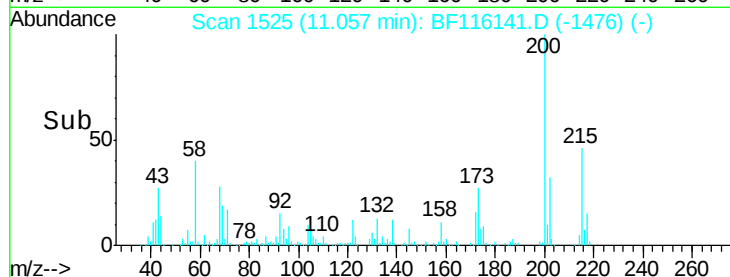
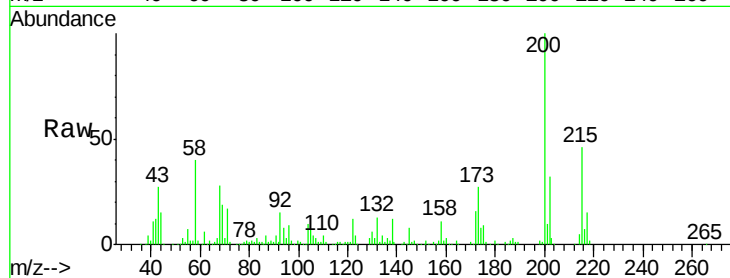
Tot Ion:200 Resp: 159660

Ion Ratio Lower Upper

200 100

173 26.6 6.8 46.8

215 45.7 27.5 67.5



#70

Pentachlorophenol

Concen: 34.361 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

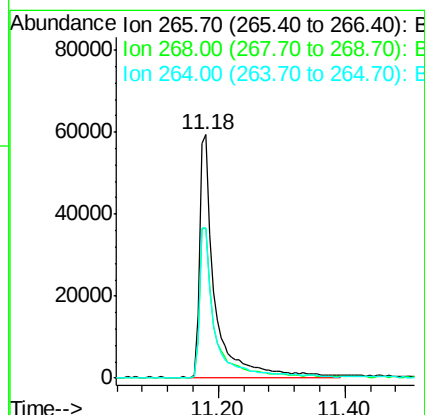
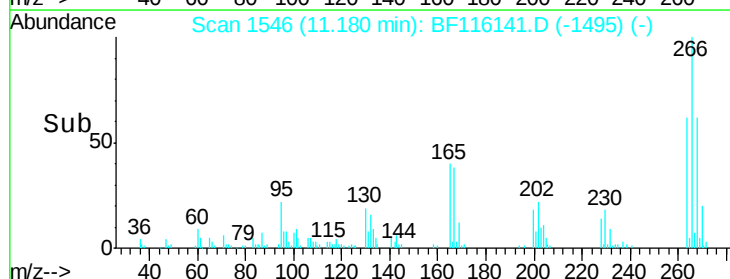
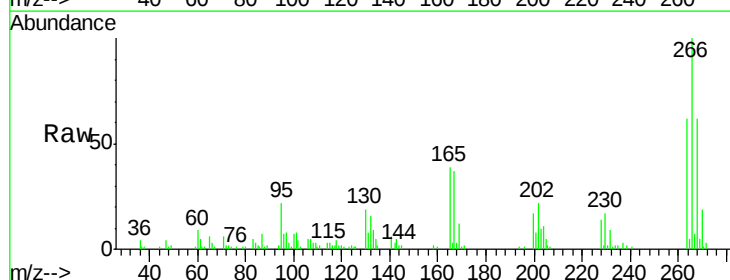
Tgt Ion:266 Resp: 99855

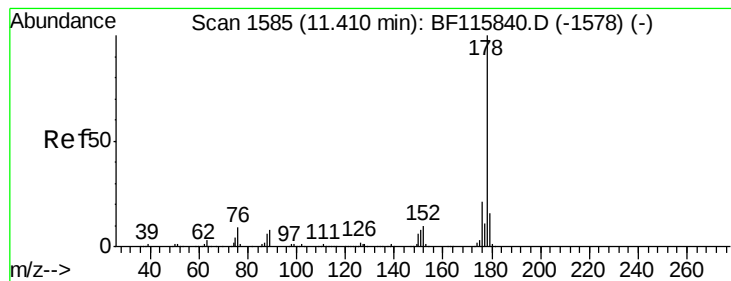
Ion Ratio Lower Upper

266 100

268 61.7 48.8 73.2

264 61.5 50.6 76.0





#71

Phenanthrene

Concen: 42.500 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

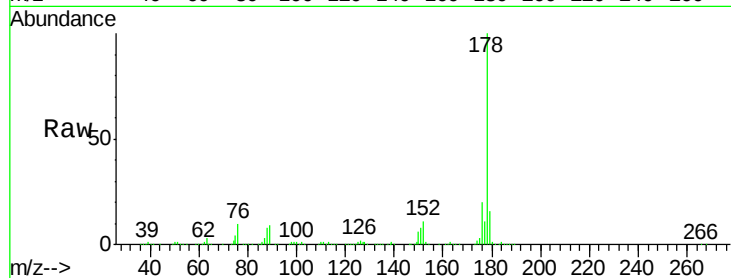
Tot Ion:178 Resp: 1050620

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

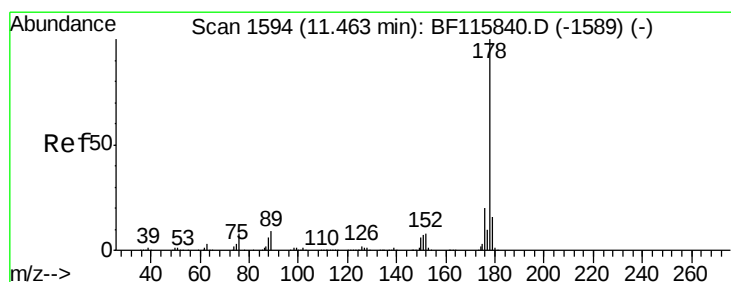
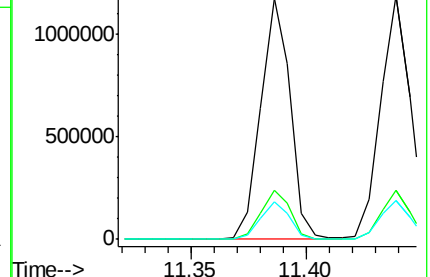
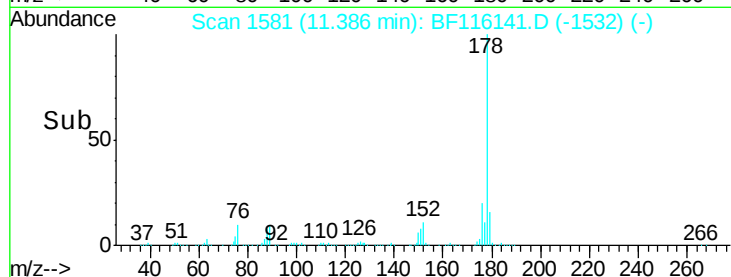
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.256 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

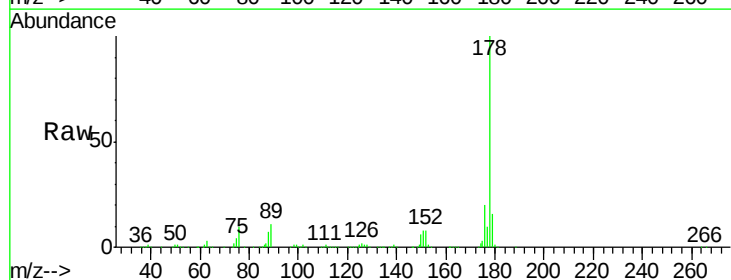
Tgt Ion:178 Resp: 1082173

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

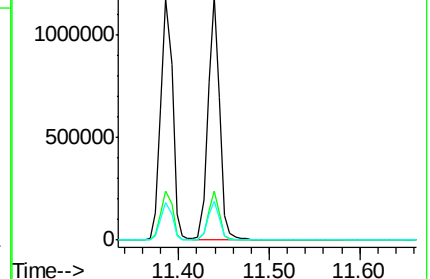
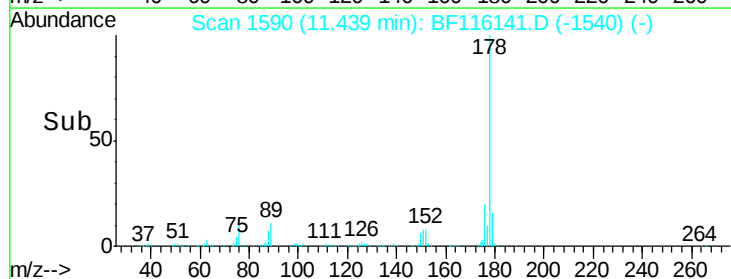
179 16.0 13.0 19.6

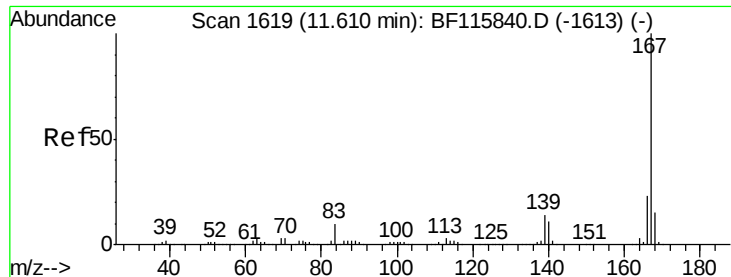


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

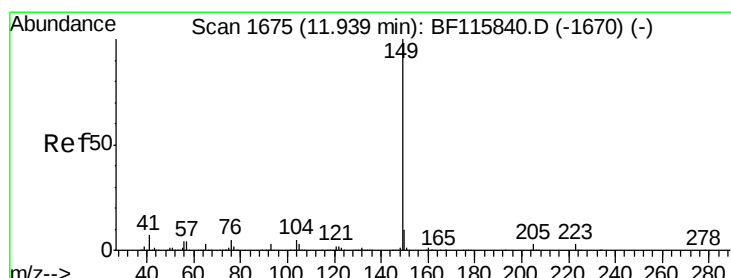
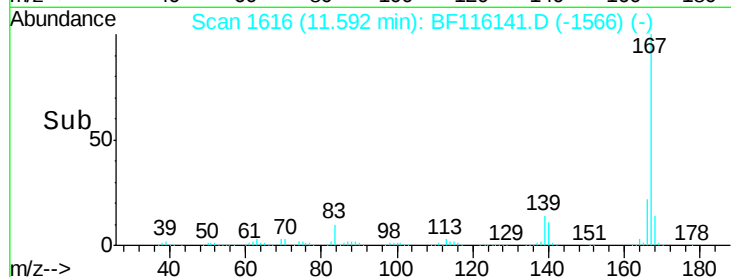
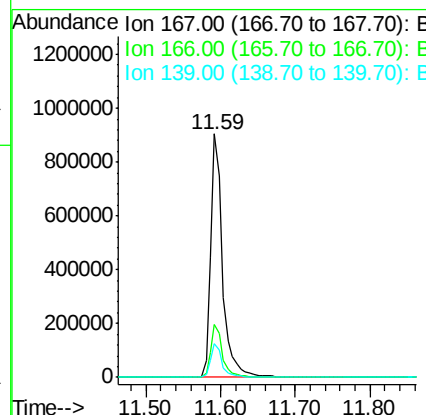
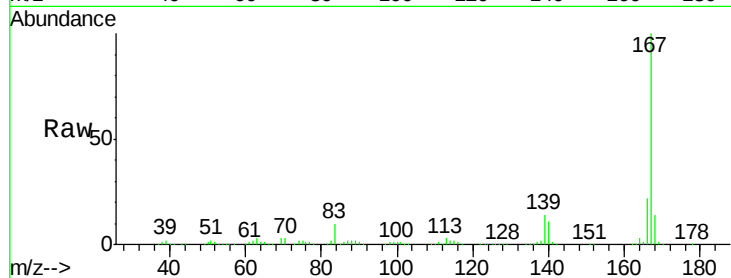




#73
 Carbazole
 Concen: 44.232 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

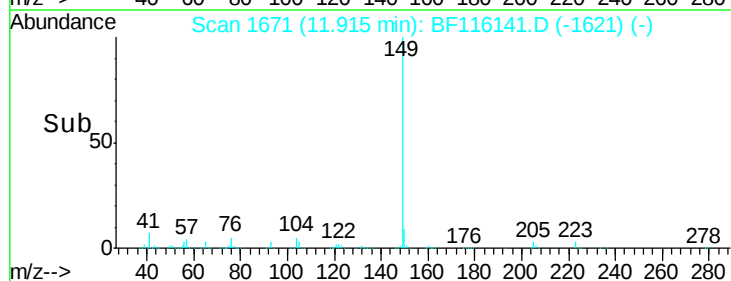
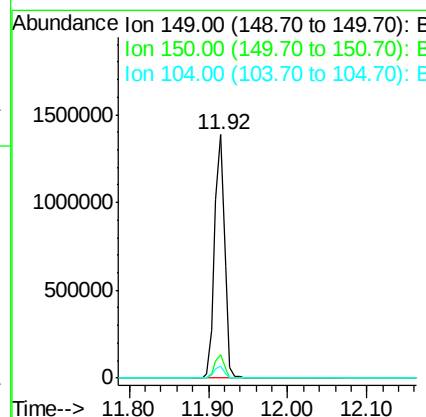
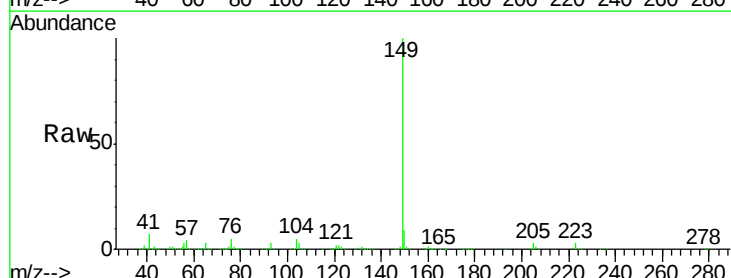
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

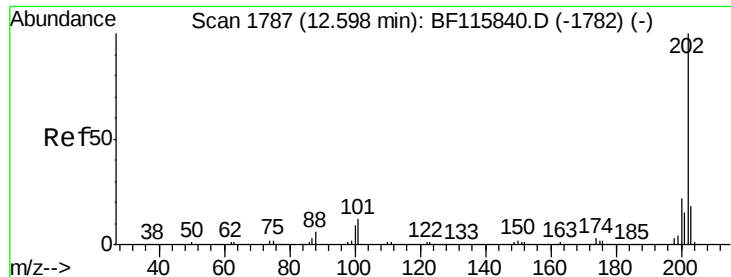
Tot Ion:167 Resp: 1003964
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 45.771 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Tgt Ion:149 Resp: 1211925
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 5.2 4.5 6.7

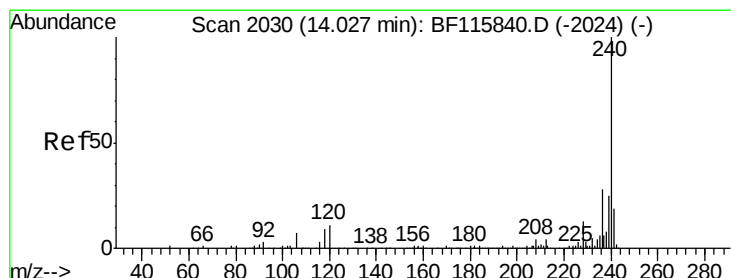
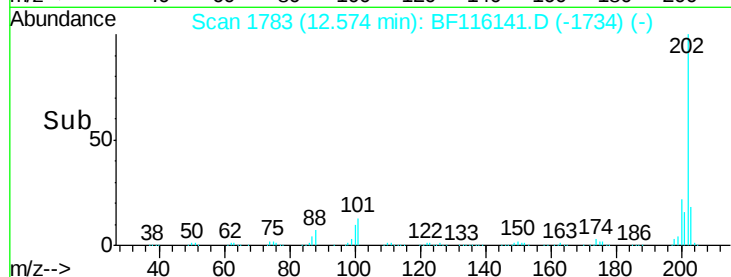
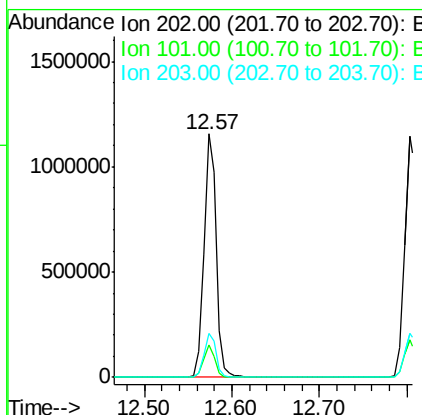
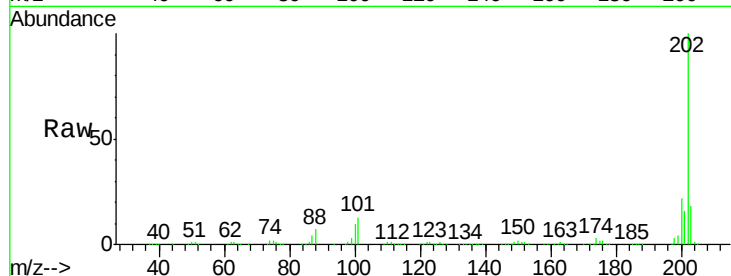




#75
 Fluoranthene
 Concen: 43.293 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

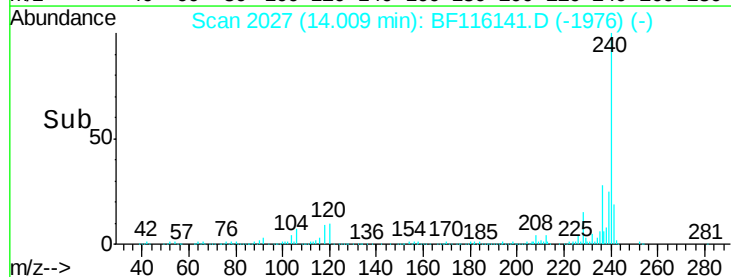
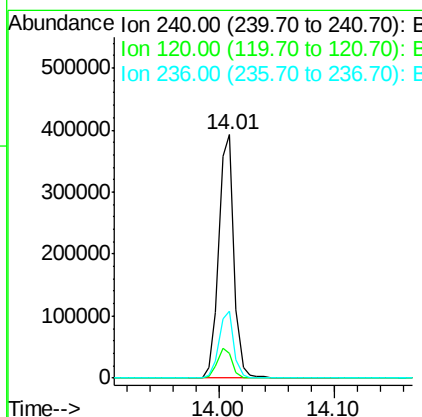
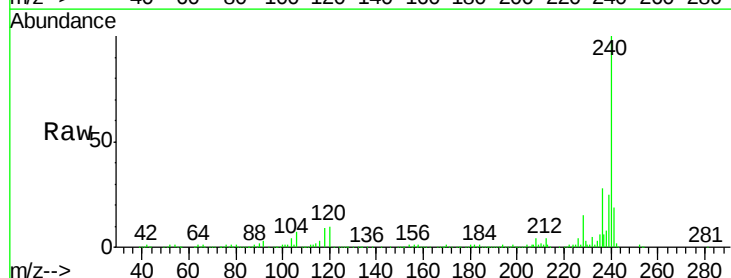
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1120407
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.2
 203 18.1 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116141.D
 Acq: 10 Aug 2019 10:54

Tgt Ion:240 Resp: 358858
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.7 16.1#
 236 27.7 22.2 33.2





#77

Benzidine

Concen: 41.348 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

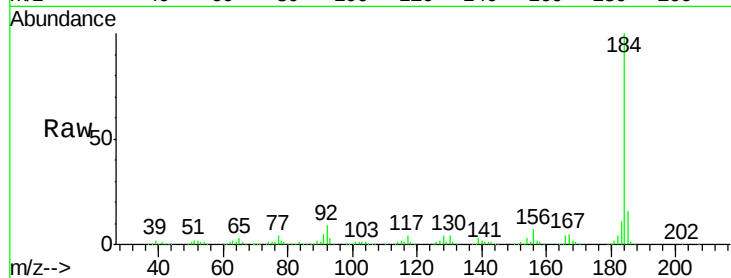
Tot Ion:184 Resp: 501294

Ion Ratio Lower Upper

184 100

185 15.9 12.8 19.2

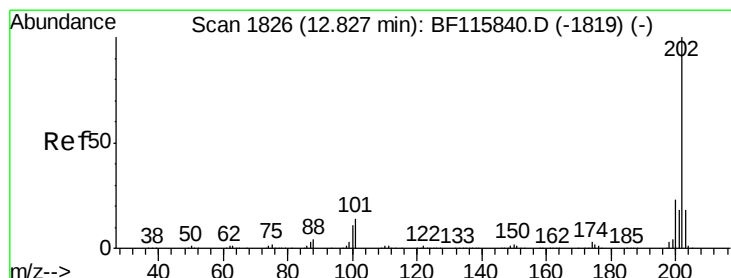
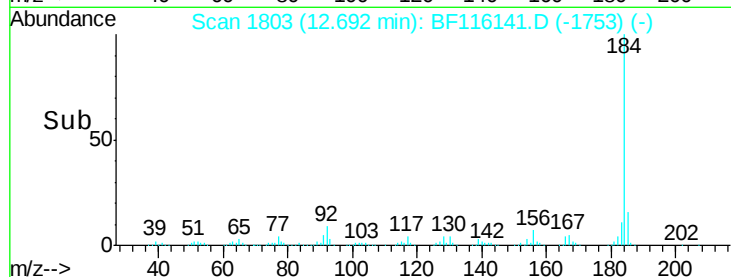
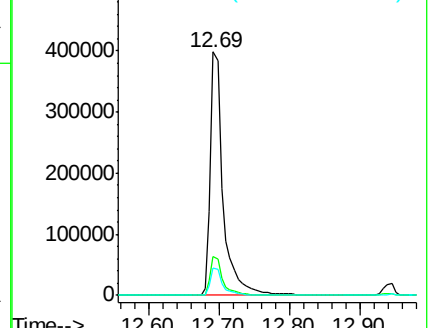
183 11.4 9.4 14.0



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: 41.696 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

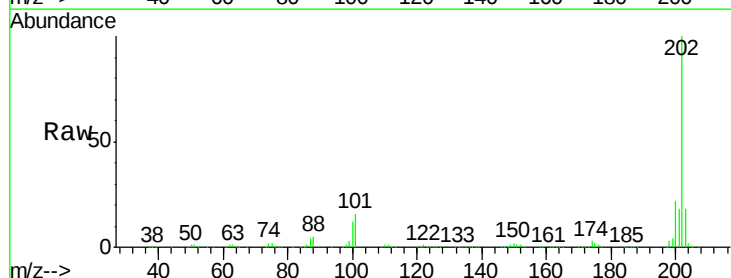
Tgt Ion:202 Resp: 1127935

Ion Ratio Lower Upper

202 100

200 22.4 18.0 27.0

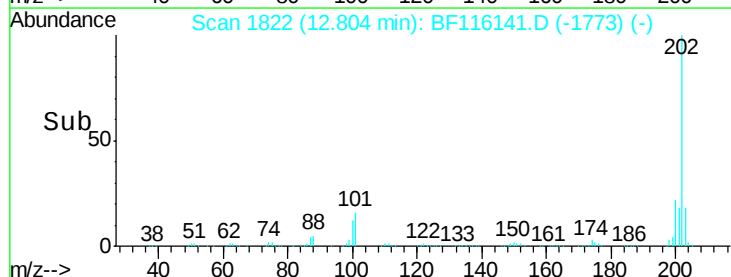
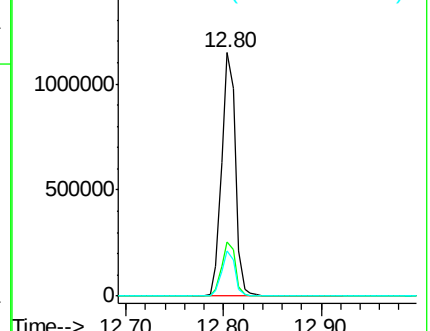
203 18.4 14.1 21.1

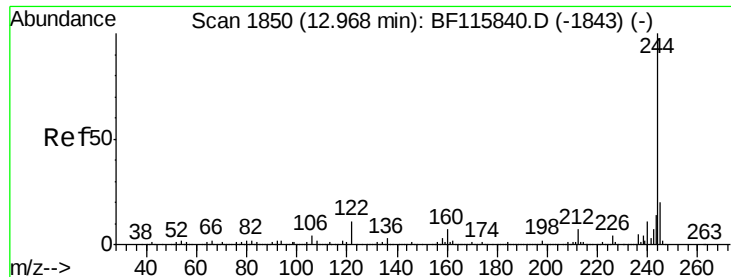


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.691 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

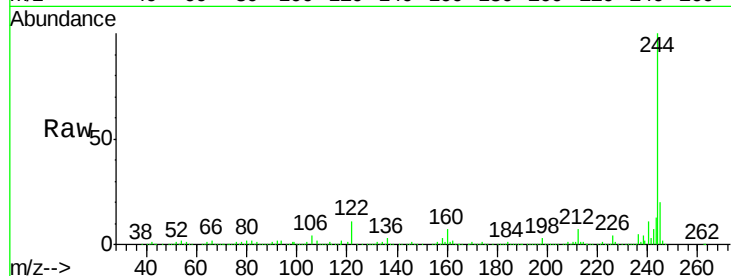
Tot Ion:244 Resp: 1442316

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

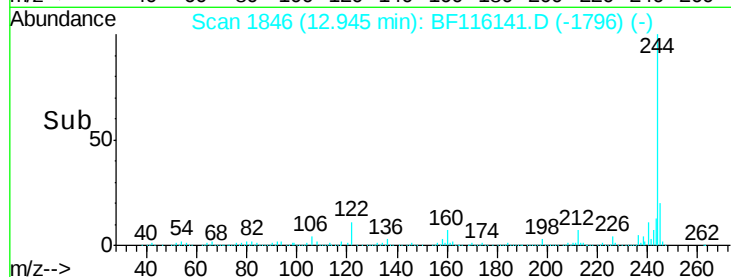
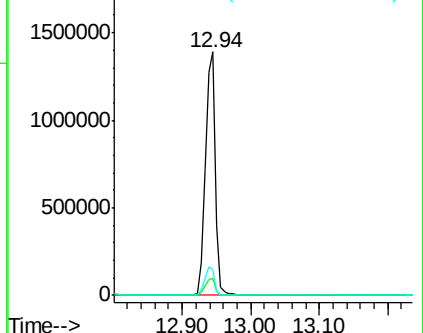
122 10.8 9.0 13.4



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: 44.568 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

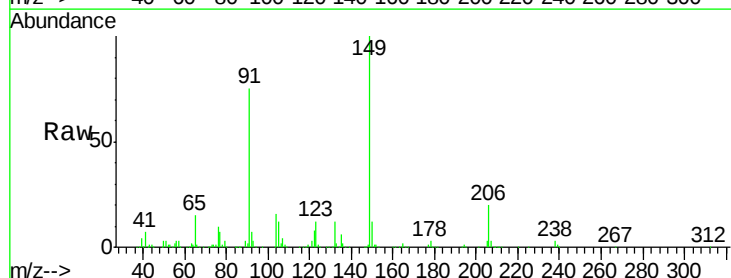
Tgt Ion:149 Resp: 509985

Ion Ratio Lower Upper

149 100

91 75.0 56.3 84.5

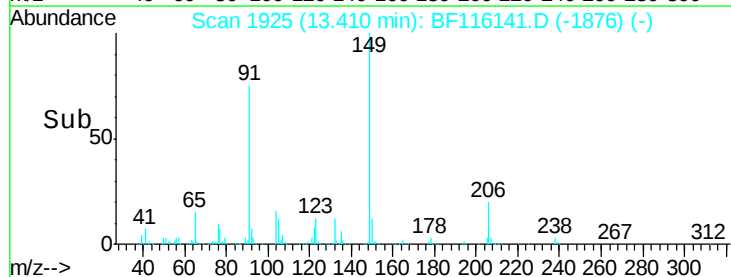
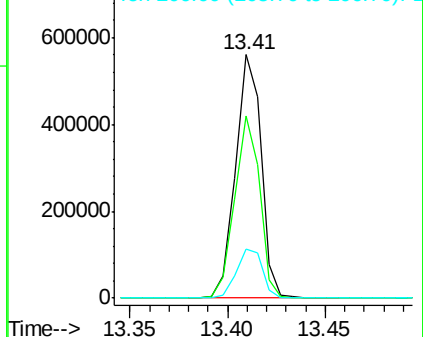
206 20.2 18.0 27.0

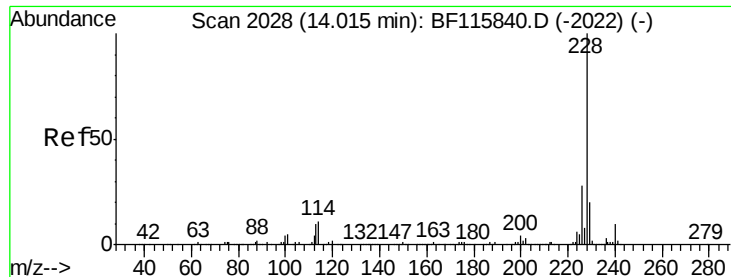


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.043 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

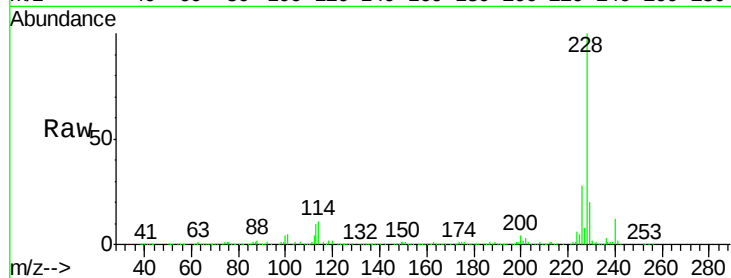
Tot Ion:228 Resp: 987282

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

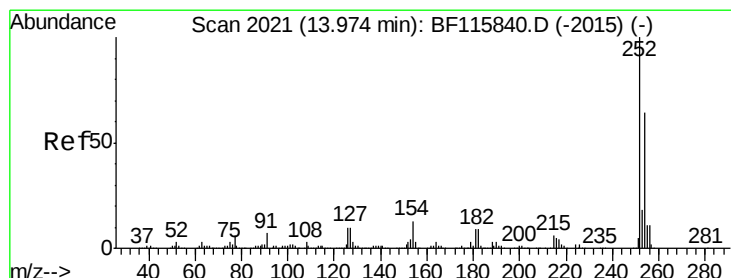
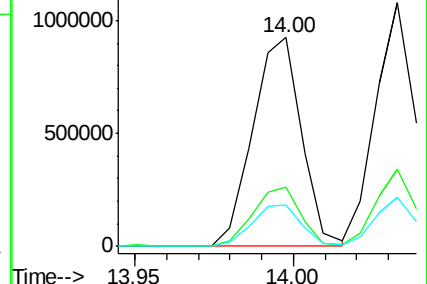
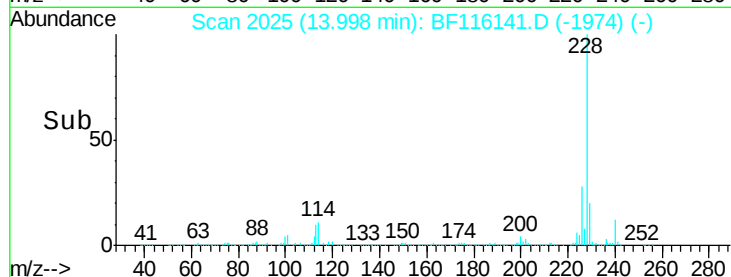
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.617 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

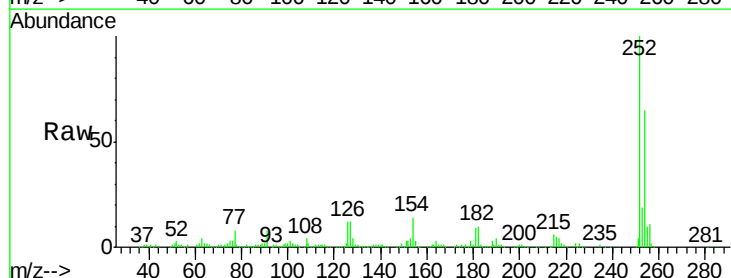
Tgt Ion:252 Resp: 339605

Ion Ratio Lower Upper

252 100

254 65.0 50.9 76.3

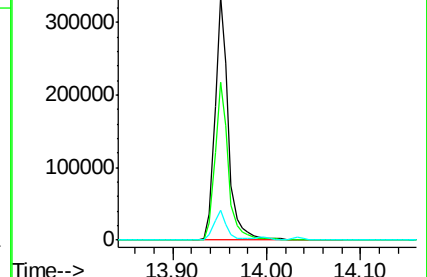
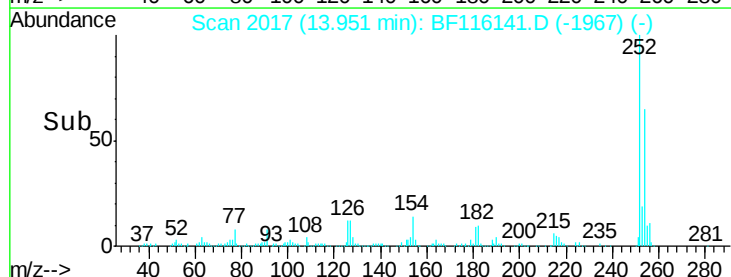
126 12.4 9.8 14.8

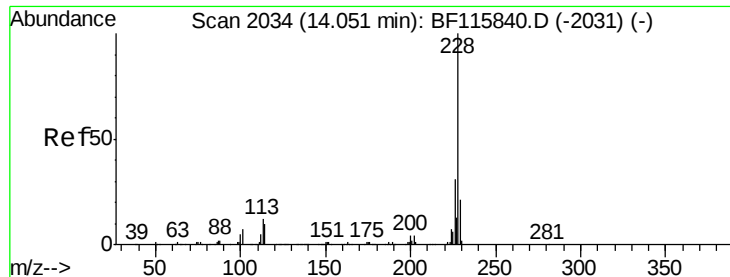


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.598 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

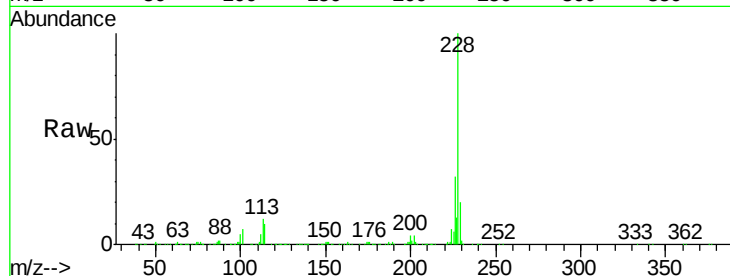
Tot Ion:228 Resp: 948573

Ion Ratio Lower Upper

228 100

226 31.7 25.5 38.3

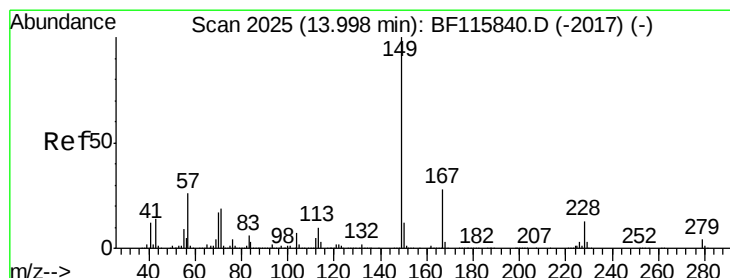
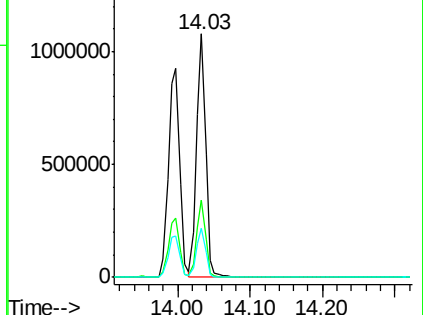
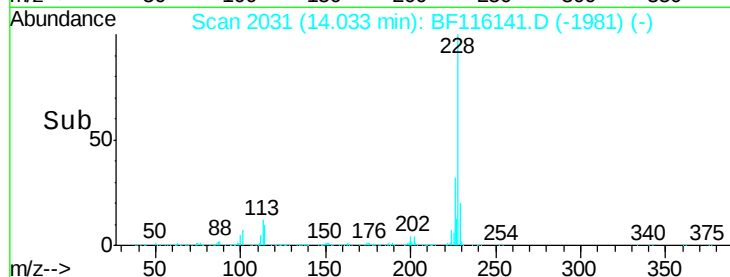
229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.987 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

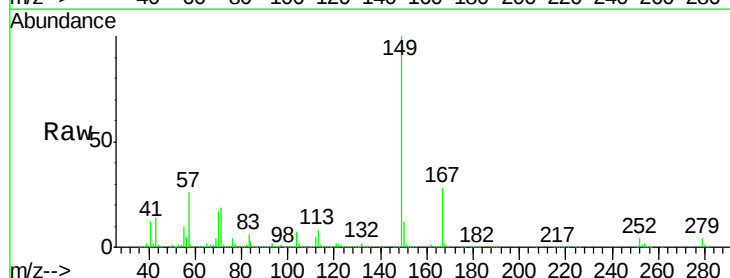
Tgt Ion:149 Resp: 713556

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

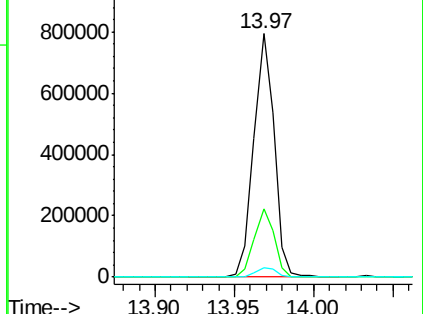
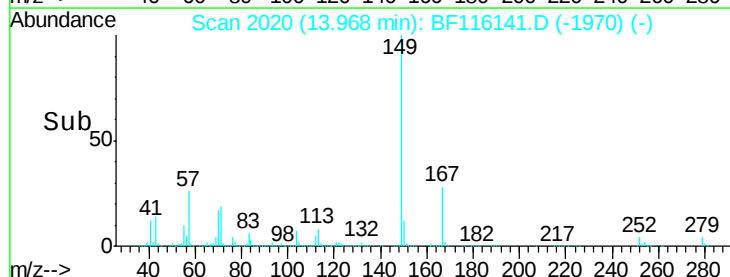
279 4.0 3.0 4.4

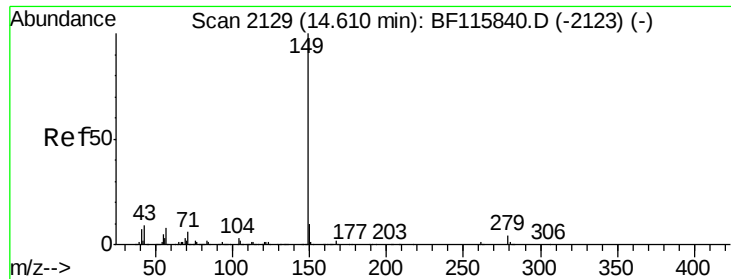


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

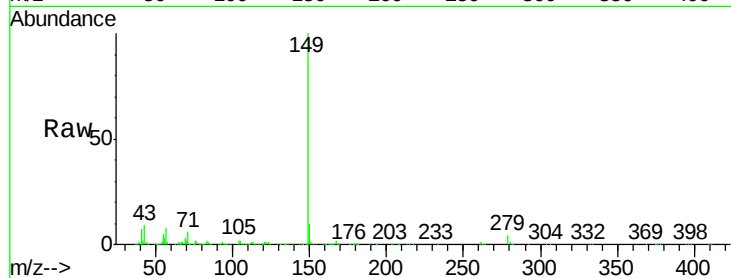




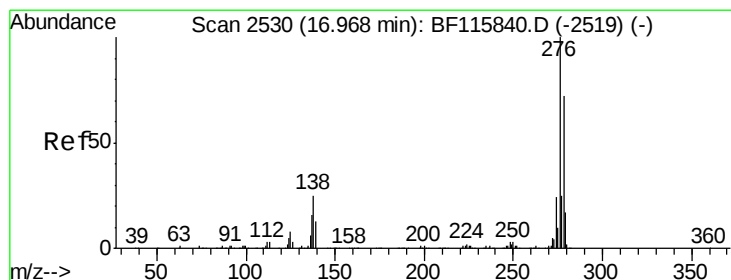
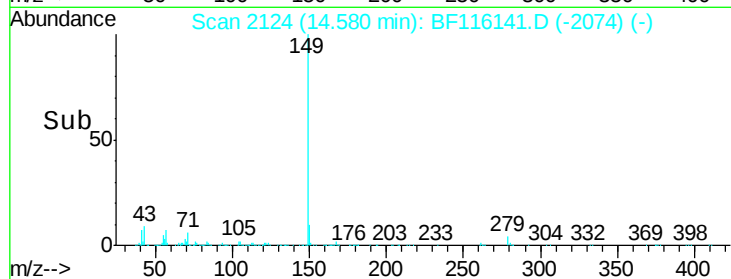
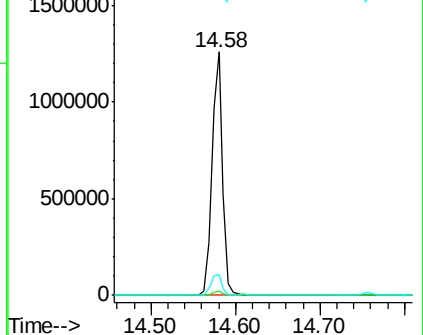
#85
Di-n-octyl phthalate
Concen: 47.239 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1115725
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.1 7.5 11.3

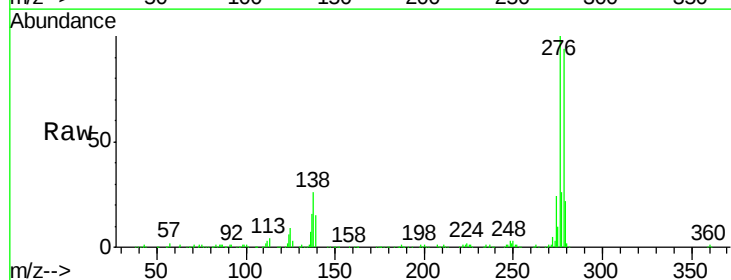


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

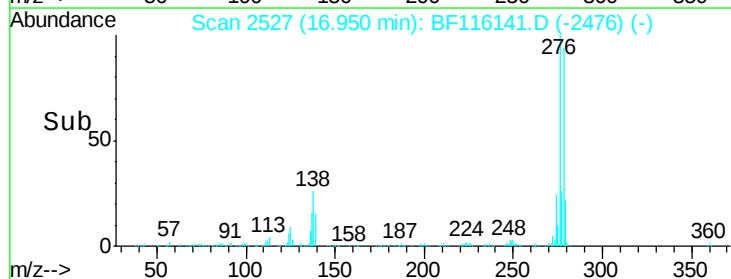
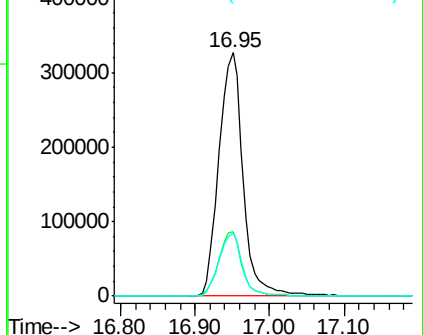


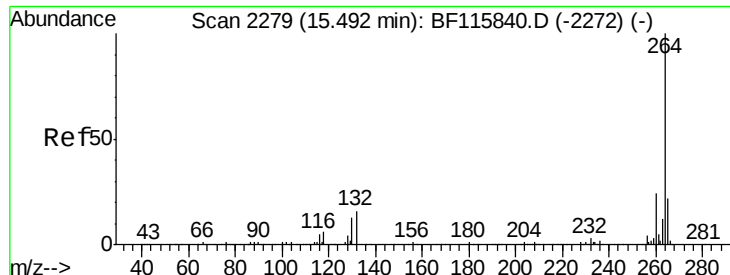
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.613 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:276 Resp: 740876
Ion Ratio Lower Upper
276 100
138 25.6 20.4 30.6
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

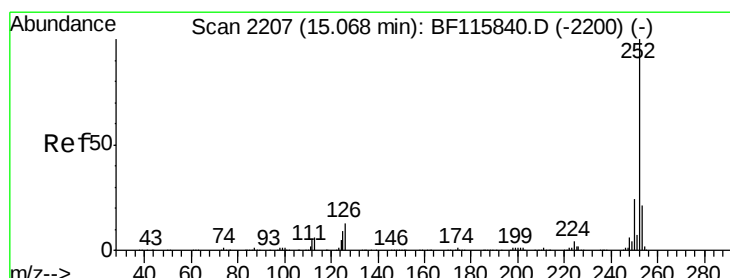
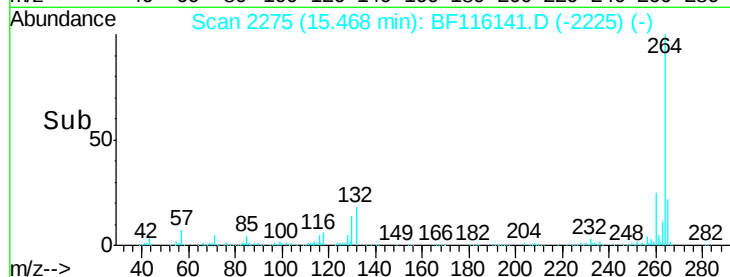
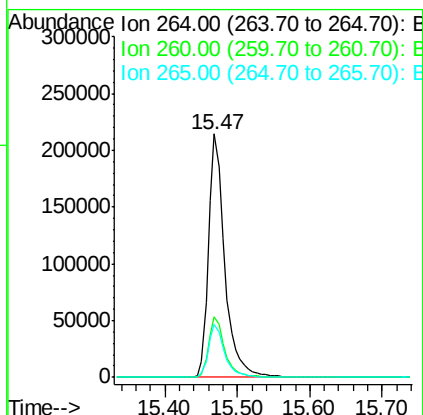
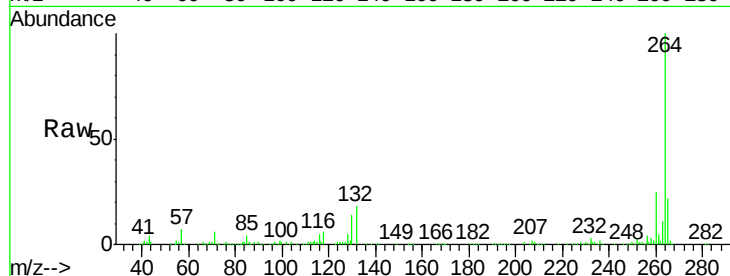




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

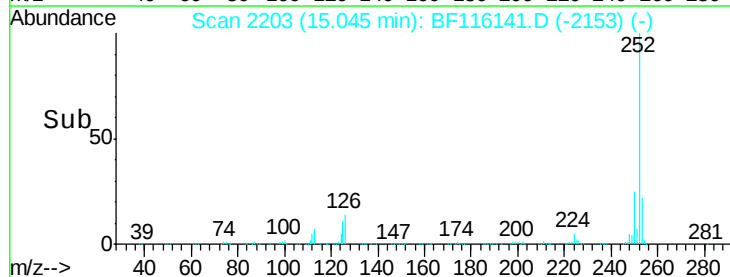
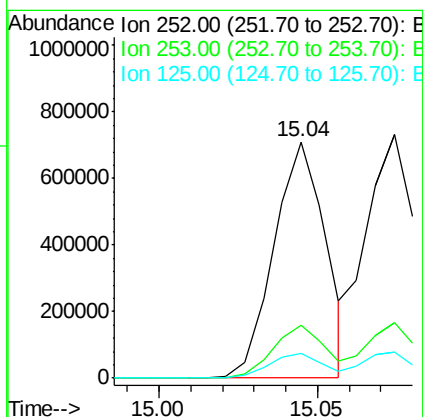
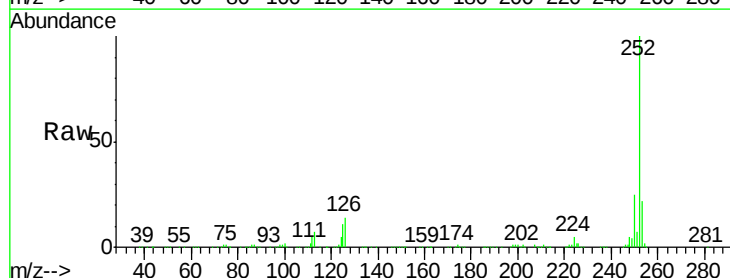
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 334113
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 21.9 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 41.733 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:252 Resp: 806223
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.6 8.4 12.6

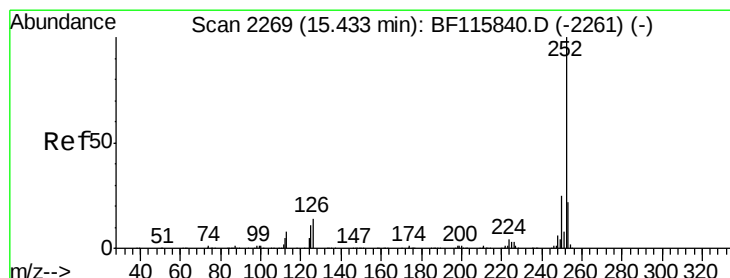
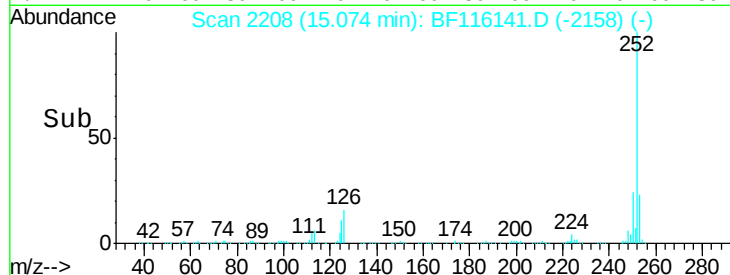
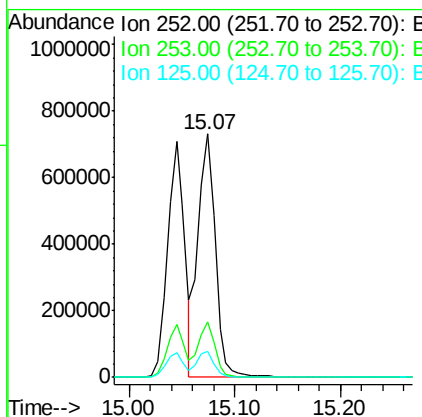
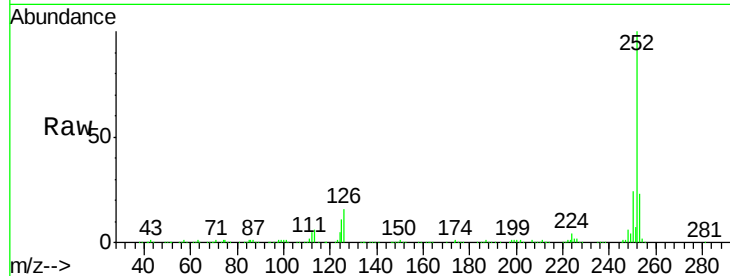




#89
Benzo(k)fluoranthene
Concen: 44.010 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

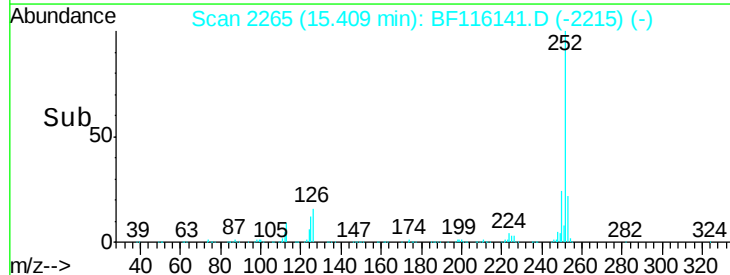
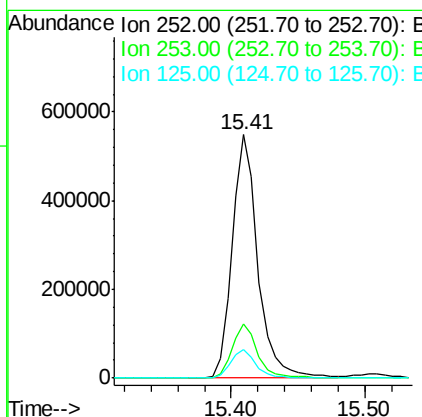
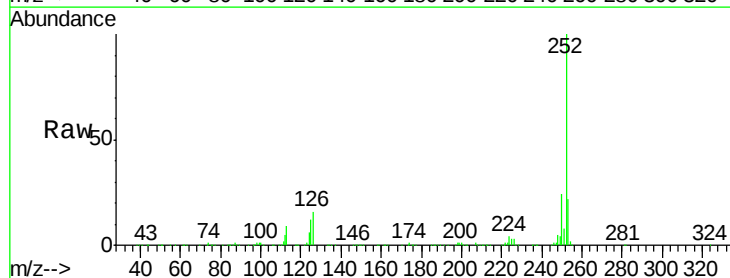
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

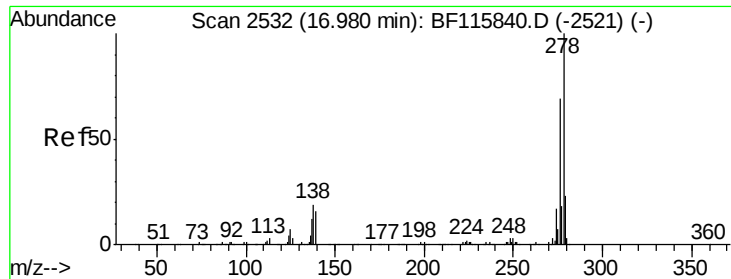
Tot Ion:252 Resp: 828123
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.666 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116141.D
Acq: 10 Aug 2019 10:54

Tgt Ion:252 Resp: 736826
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 41.208 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

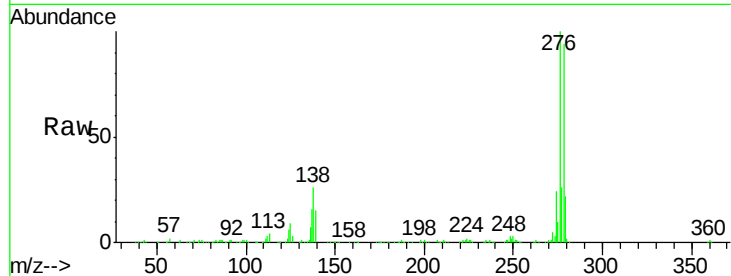
Tot Ion:278 Resp: 616010

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

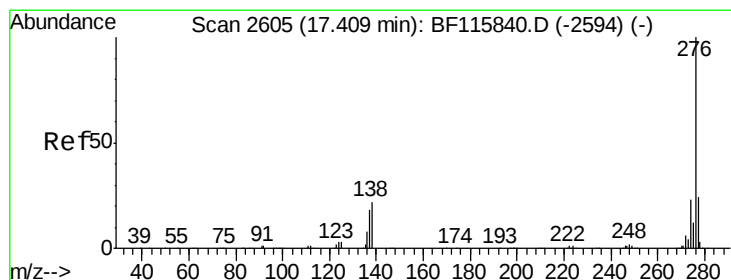
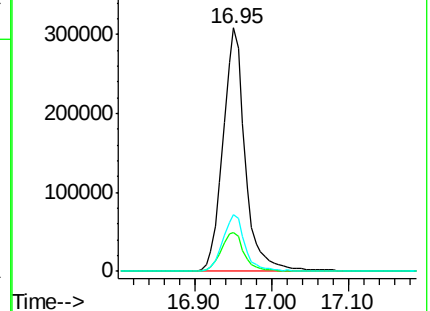
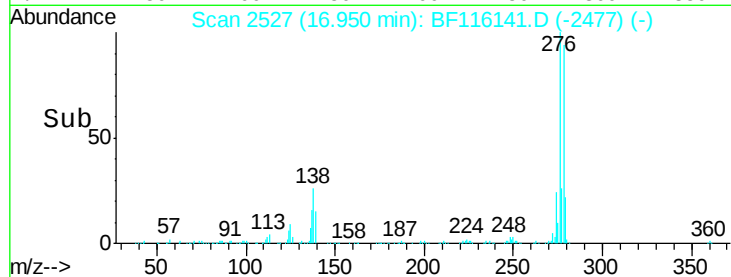
279 23.3 18.8 28.2



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: 40.530 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF116141.D

Acq: 10 Aug 2019 10:54

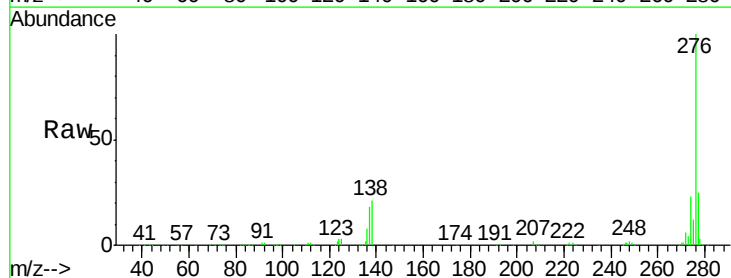
Tgt Ion:276 Resp: 595021

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 21.4 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

