

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117879.D
 Acq On : 20 Nov 2019 3:27
 Operator : JU
 Sample : K5908-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 05:37:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

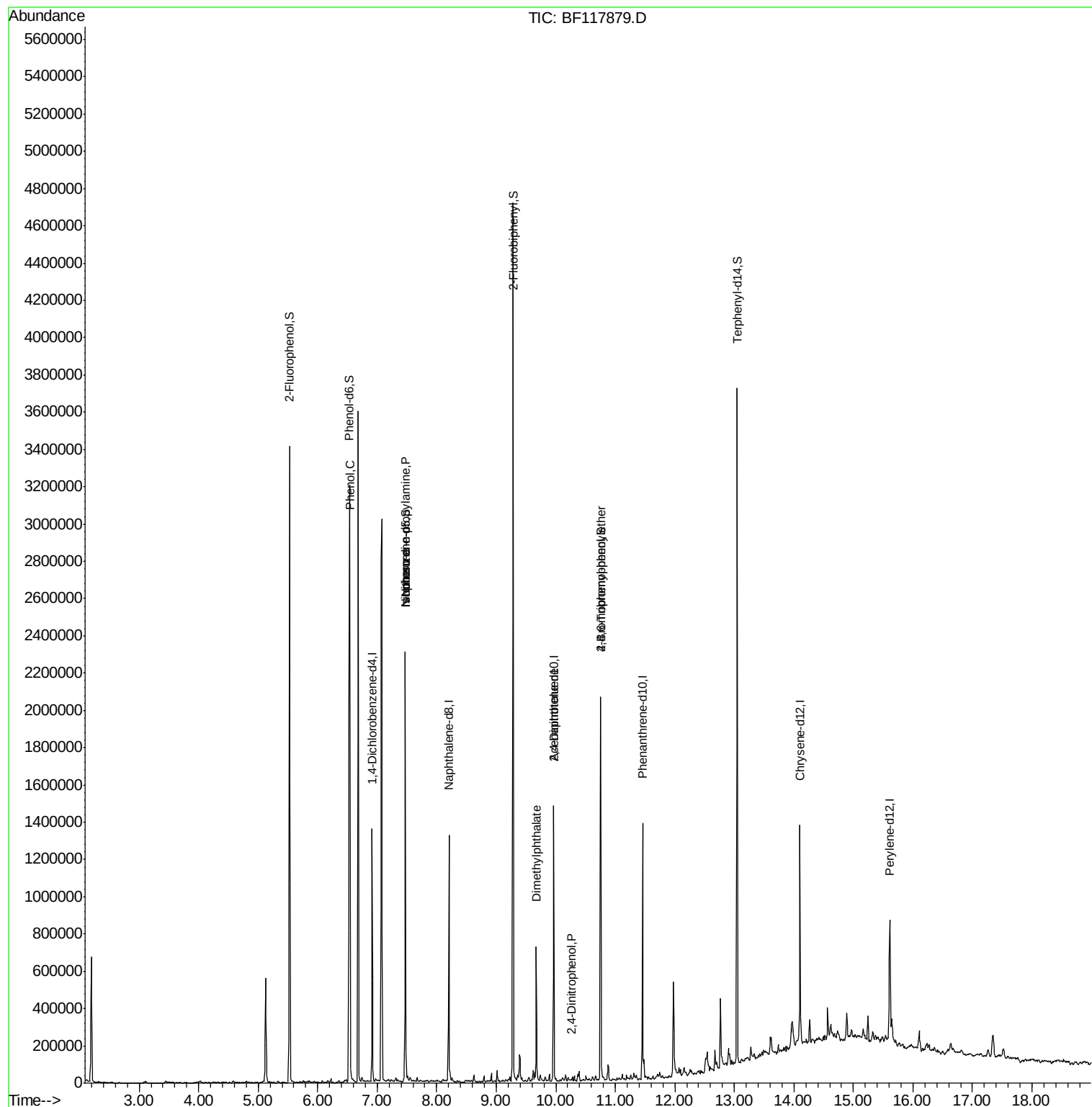
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	176620	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	582828	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	297725	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	465971	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	350971	20.00	ng	-0.01
87) Perylene-d12	15.61	264	308881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	927698	92.97	ng	0.00
7) Phenol-d6	6.53	99	1168435	97.09	ng	-0.01
23) Nitrobenzene-d5	7.47	82	690595	70.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	251395	79.76	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1345276	81.06	ng	-0.01
79) Terphenyl-d14	13.04	244	1207679	62.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	1101	Below Cal		Qvalue # 88
10) Phenol	6.55	94	66827	5.344	ng	95
19) n-Nitroso-di-n-propylamine	7.47	70	94231	12.692	ng	# 77
25) Isophorone	7.47	82	685034	38.121	ng	# 62
50) Dimethylphthalate	9.67	163	263894	12.640	ng	98
54) 2,4-Dinitrophenol	10.25	184	124	7.273	ng	# 23
57) 2,4-Dinitrotoluene	9.96	165	39367	6.782	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	16102	3.203	ng	# 1
75) Fluoranthene	12.67	202	35661	Below Cal		98

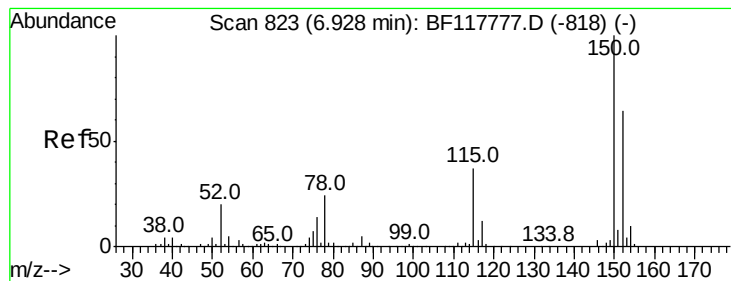
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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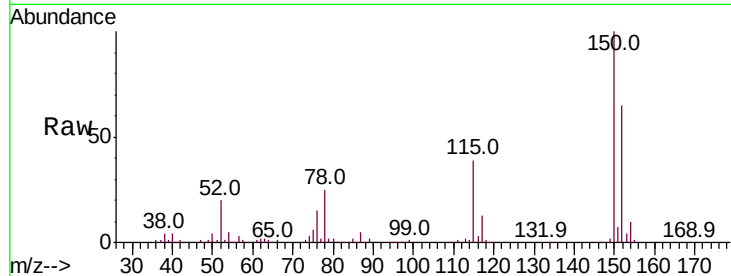


#1

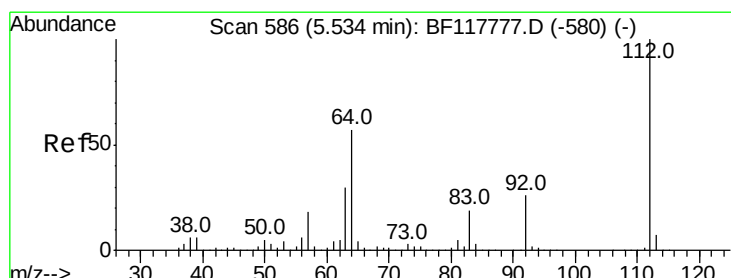
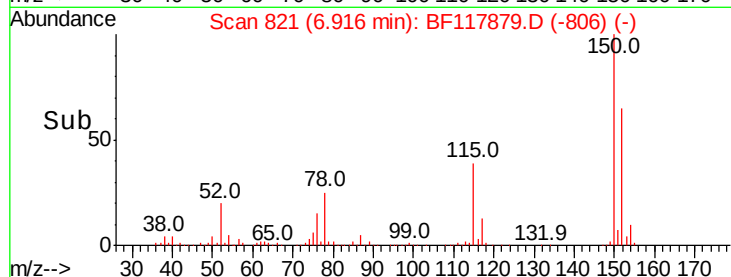
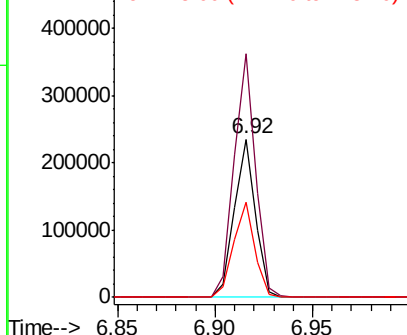
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 176620
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 60.2 47.0 70.4



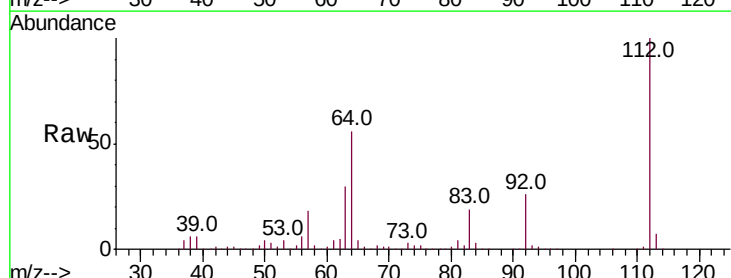
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



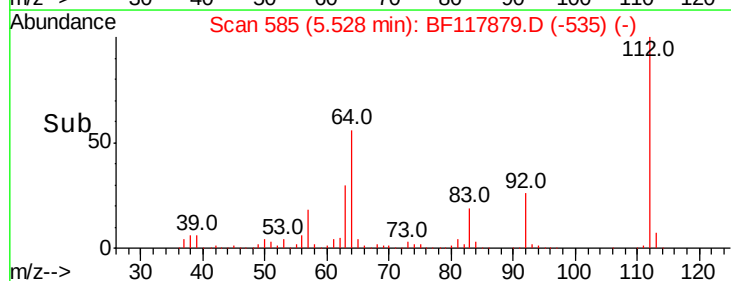
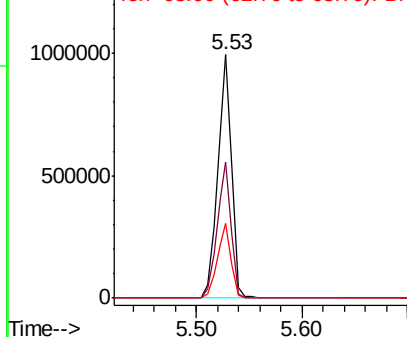
#5

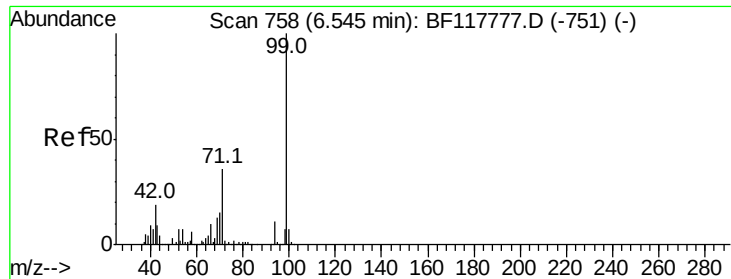
2-Fluorophenol
Concen: 92.975 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Tgt Ion:112 Resp: 927698
Ion Ratio Lower Upper
112 100
64 55.9 45.6 68.4
63 30.4 24.1 36.1



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





#7

Phenol-d6

Concen: 97.086 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampled :

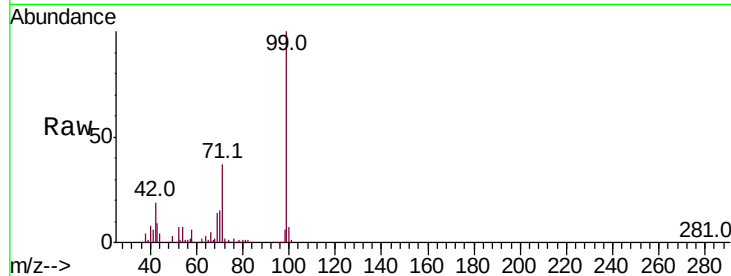
Tot Ion: 99 Resp: 1168435

Ion Ratio Lower Upper

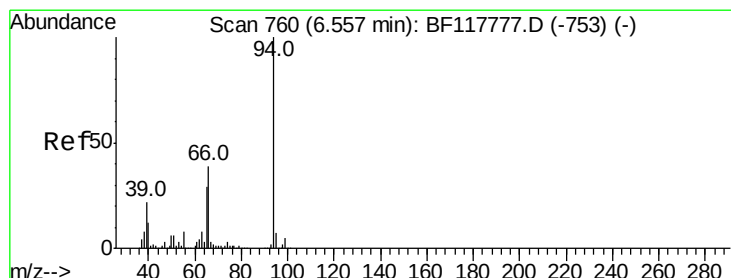
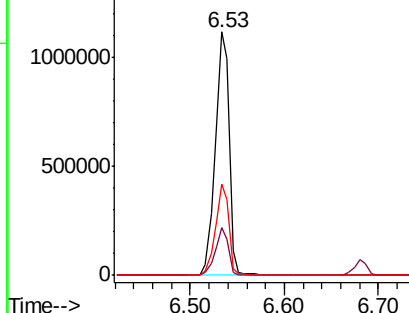
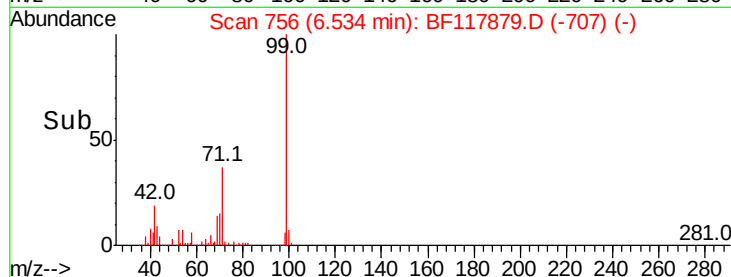
99 100

42 19.5 14.9 22.3

71 37.5 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.344 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

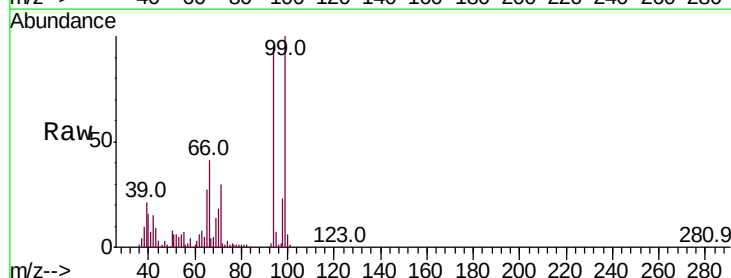
Tgt Ion: 94 Resp: 66827

Ion Ratio Lower Upper

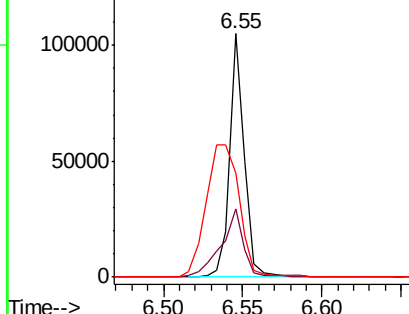
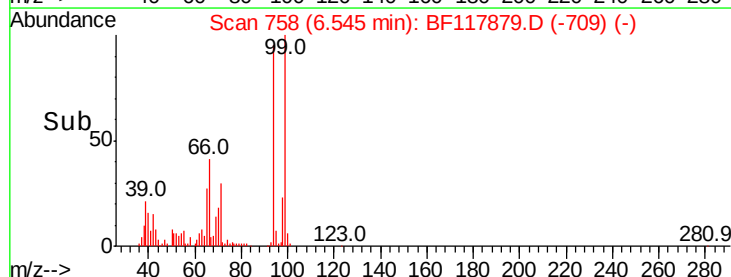
94 100

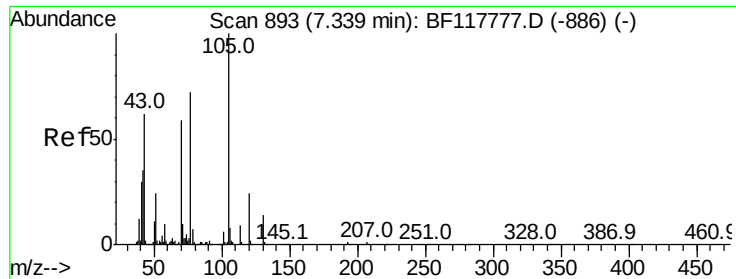
65 28.1 8.9 48.9

66 42.9 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
100000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.692 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117879.D

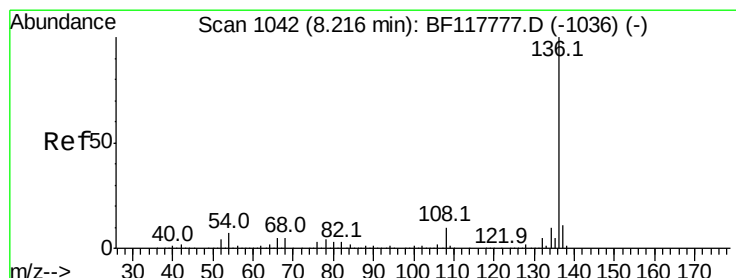
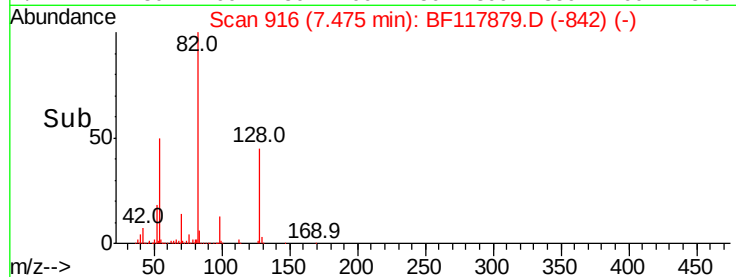
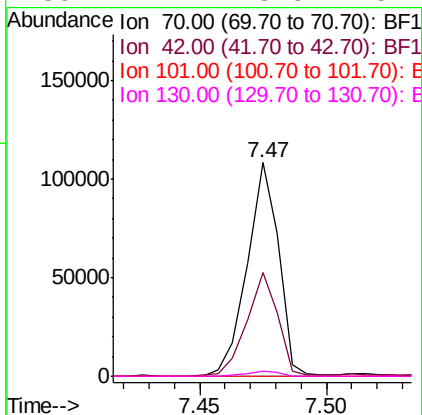
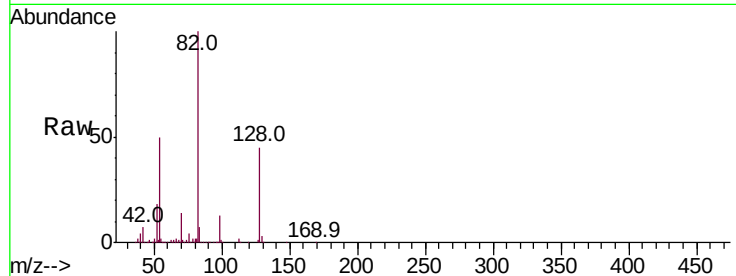
Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	94231
Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



#21

Naphthalene-d8

Concen: 20.000 ng

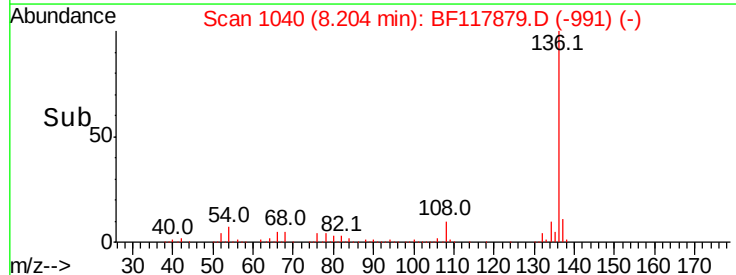
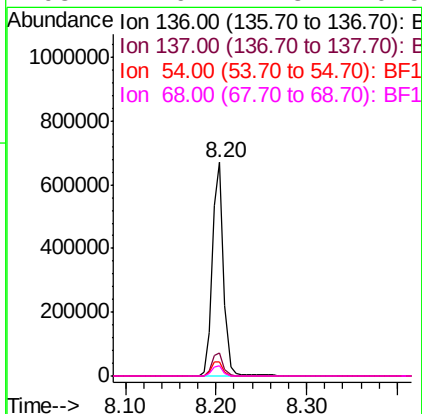
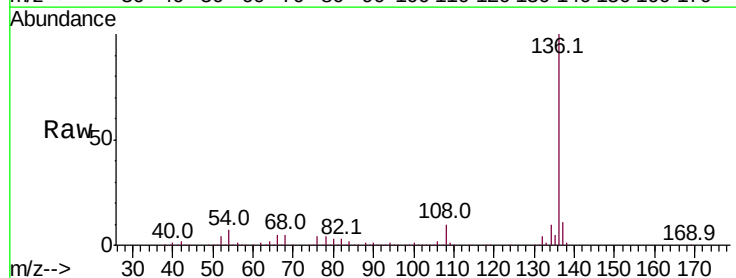
RT: 8.20 min Scan# 1040

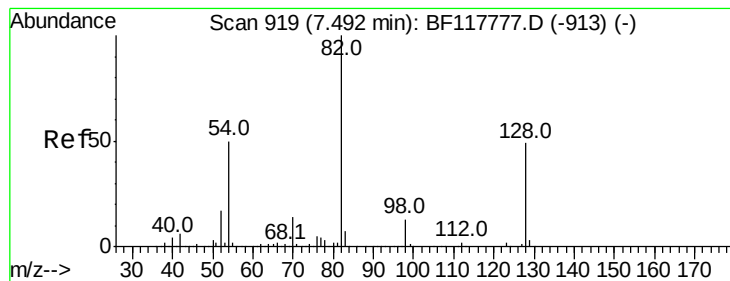
Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Tgt Ion:	136	Resp:	582828
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.4	8.2
68	4.9	4.3	6.5





#23

Nitrobenzene-d5

Concen: 70.438 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampled :

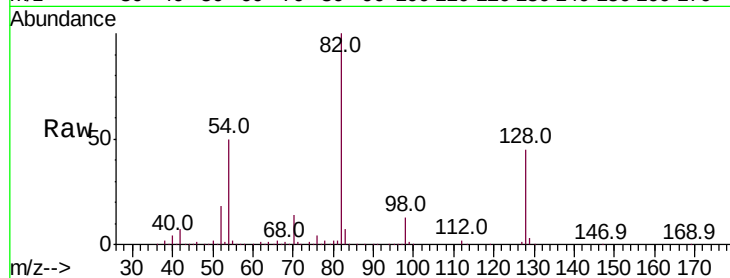
Tot Ion: 82 Resp: 690595

Ion Ratio Lower Upper

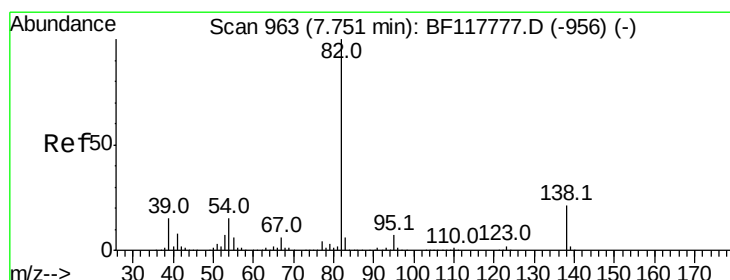
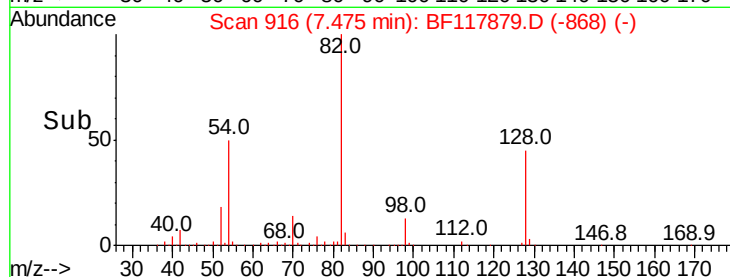
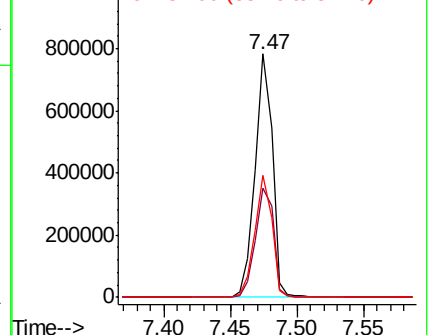
82 100

128 44.8 38.9 58.3

54 49.9 39.8 59.6



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



#25

Isophorone

Concen: 38.121 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

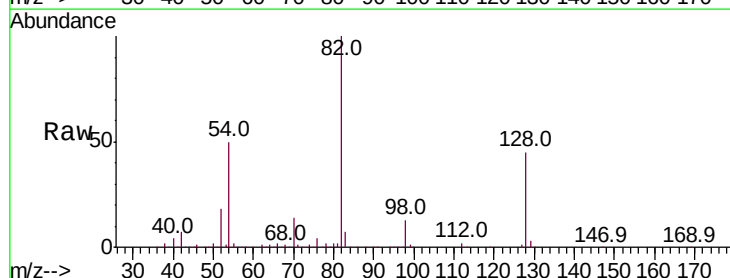
Tgt Ion: 82 Resp: 685034

Ion Ratio Lower Upper

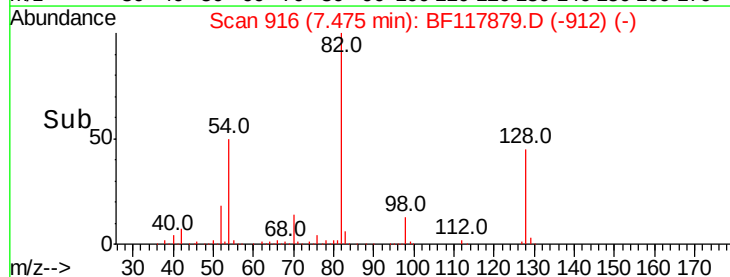
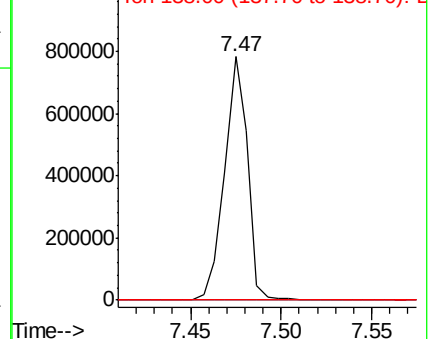
82 100

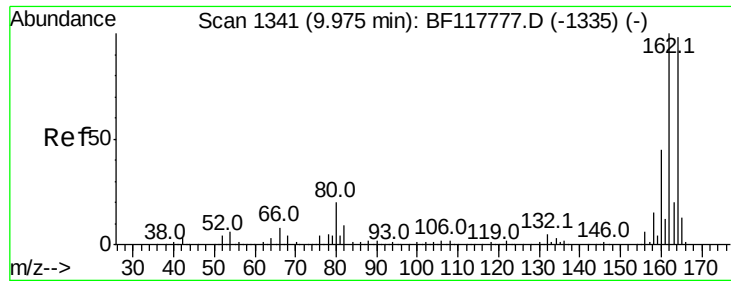
95 0.1 5.8 8.8#

138 0.0 16.5 24.7#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampleId :

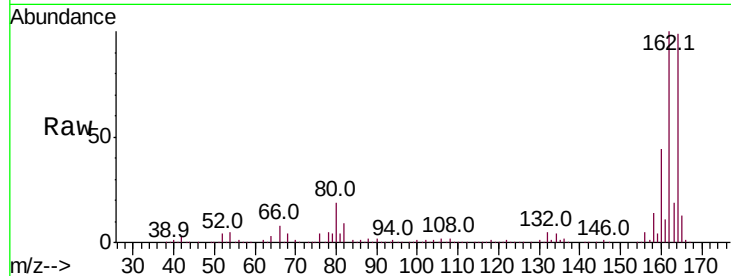
Tot Ion:164 Resp: 297725

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

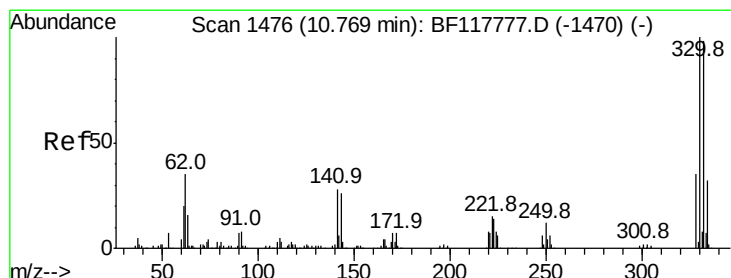
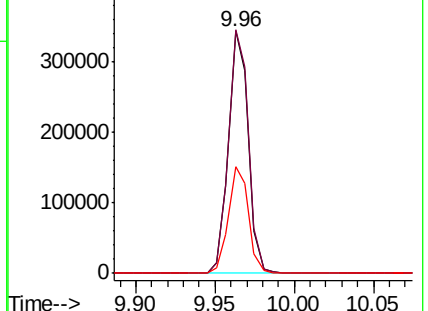
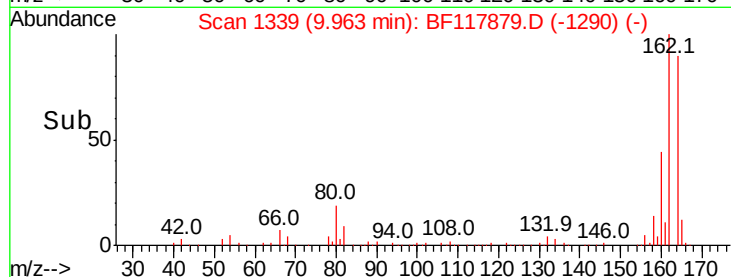
160 43.8 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 79.758 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

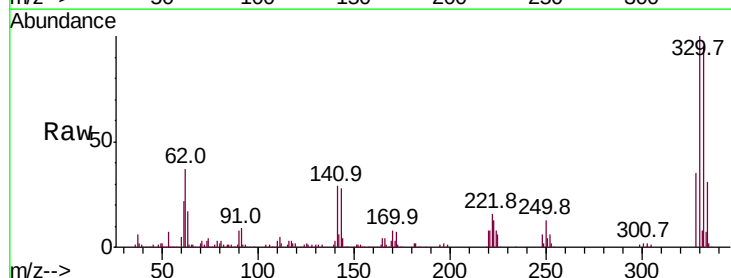
Tgt Ion:330 Resp: 251395

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

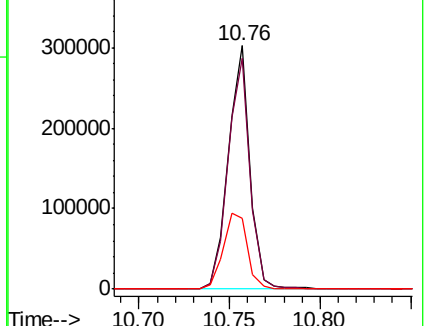
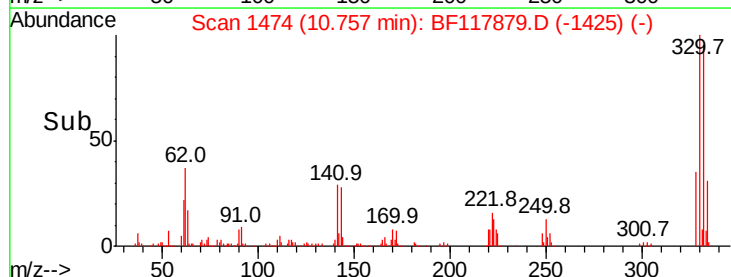
141 34.7 27.7 41.5

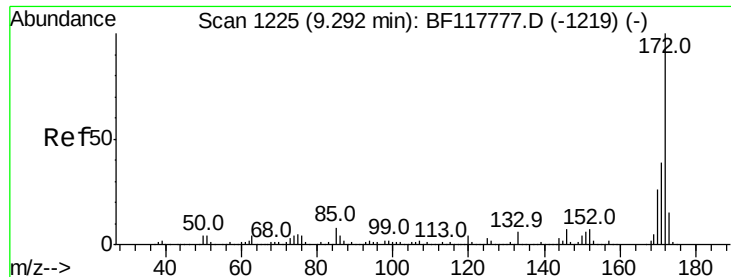


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



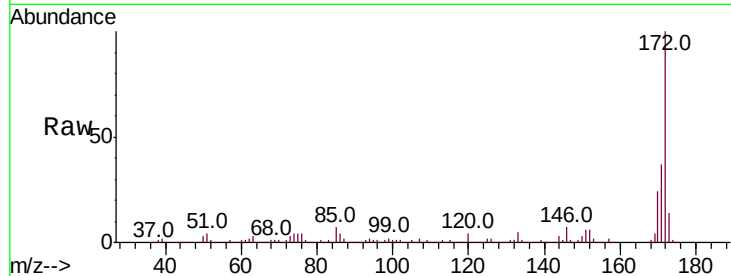


#45
 2-Fluorobiphenyl
 Concen: 81.064 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117879.D
 Acq: 20 Nov 2019 3:27

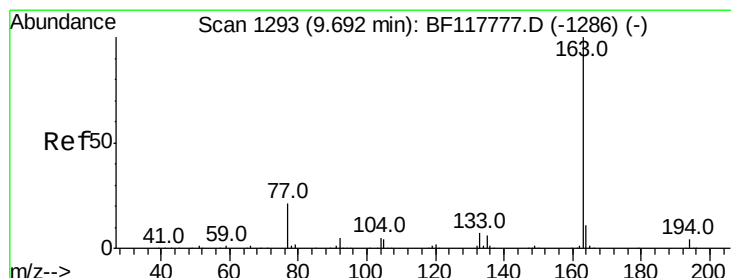
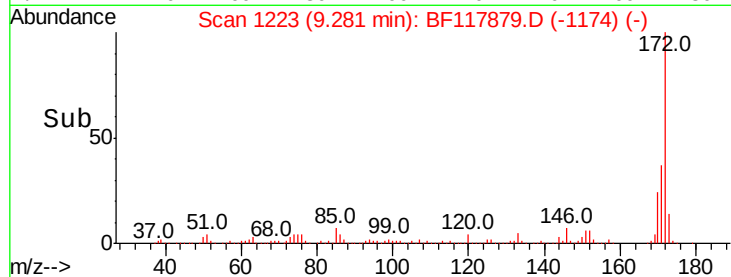
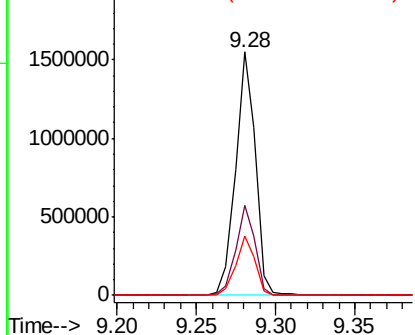
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1345276

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	24.5	21.0	31.4



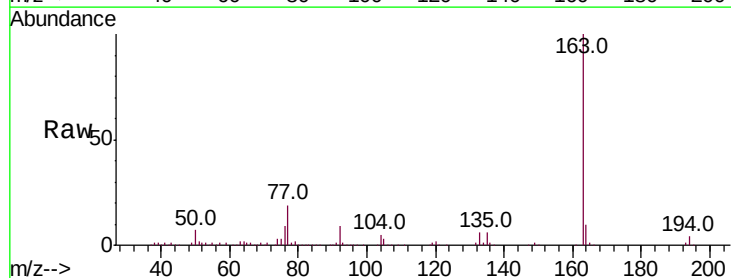
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



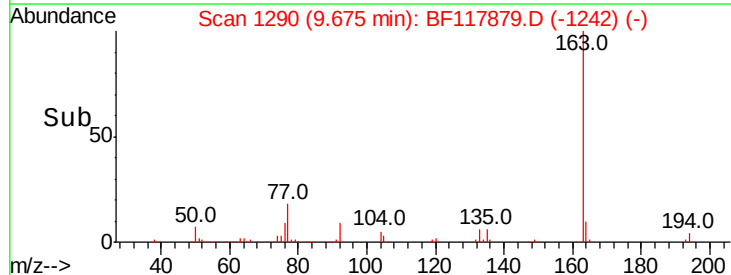
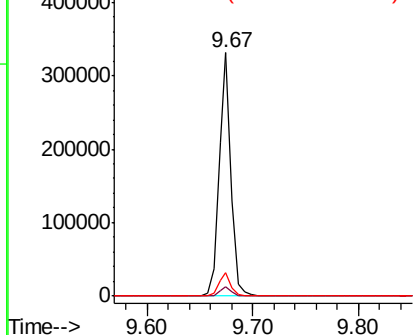
#50
 Dimethylphthalate
 Concen: 12.640 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117879.D
 Acq: 20 Nov 2019 3:27

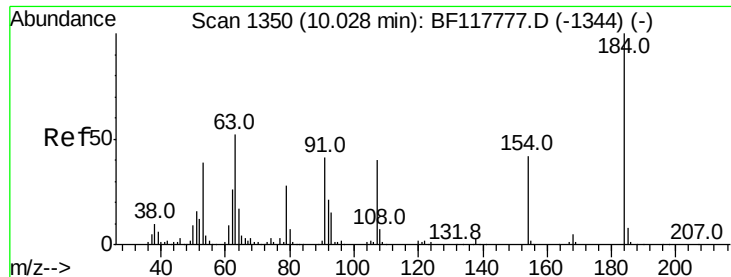
Tgt Ion:163 Resp: 263894

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.7	13.1



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

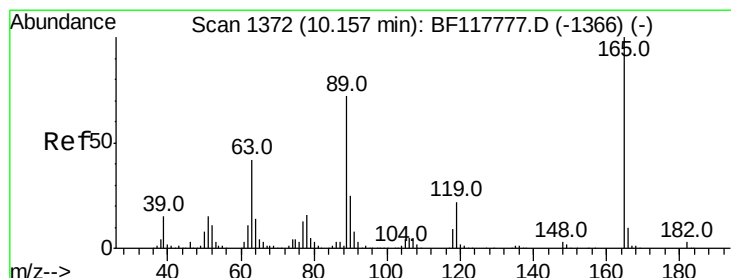
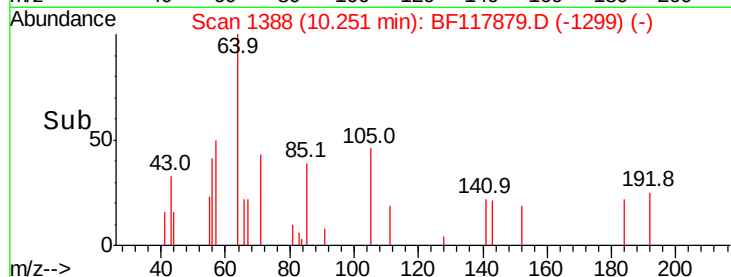
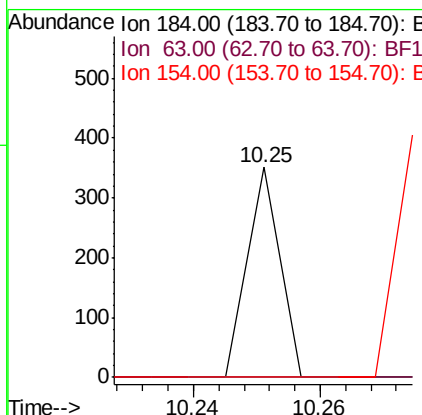
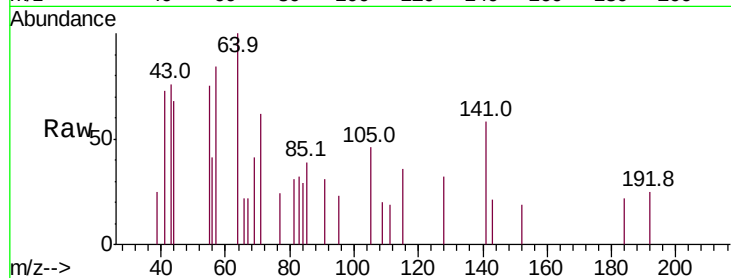




#54
2,4-Dinitrophenol
Concen: 7.273 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.22 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

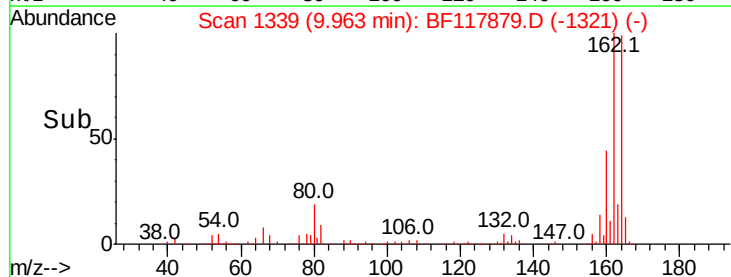
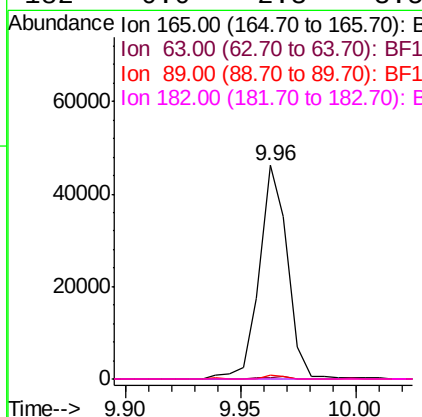
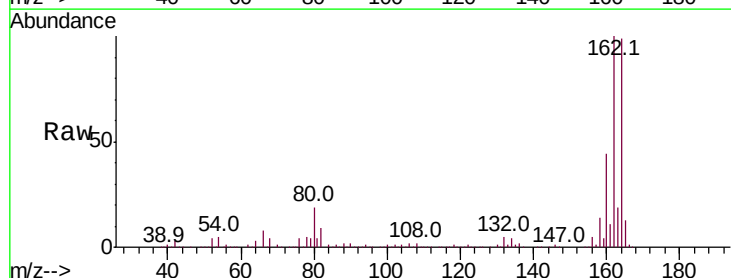
Instrument :
BNA_F
ClientSampled :

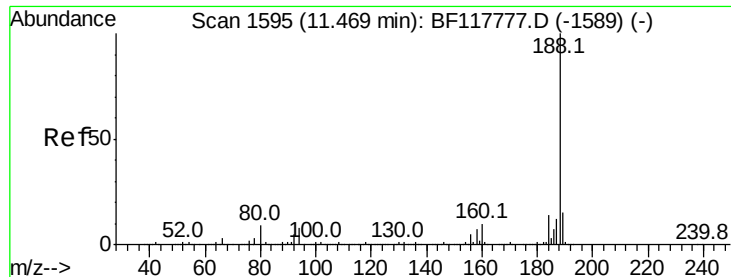
Tot Ion:184 Resp: 124
Ion Ratio Lower Upper
184 100
63 0.0 43.0 64.6#
154 0.0 48.0 72.0#



#57
2,4-Dinitrotoluene
Concen: 6.782 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Tgt Ion:165 Resp: 39367
Ion Ratio Lower Upper
165 100
63 0.9 33.7 50.5#
89 1.7 57.3 85.9#
182 0.0 2.3 3.5#

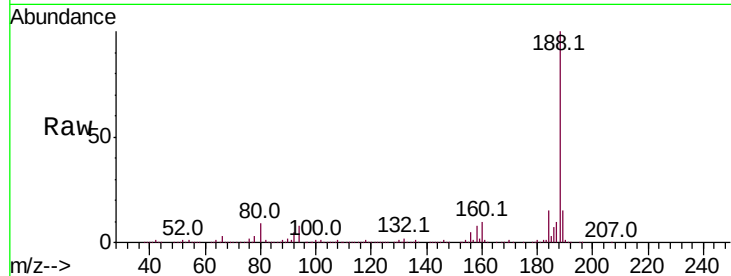




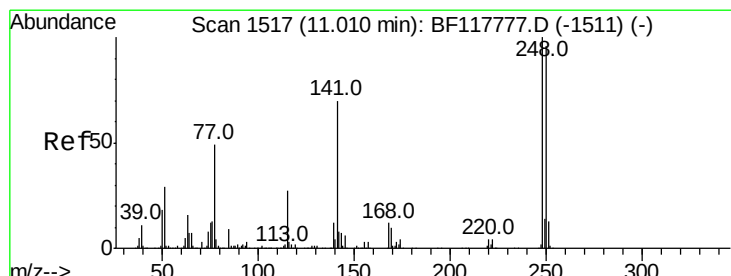
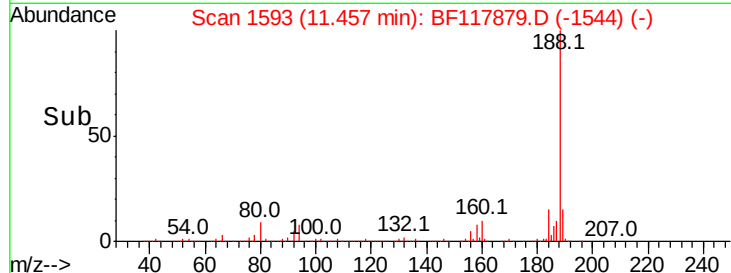
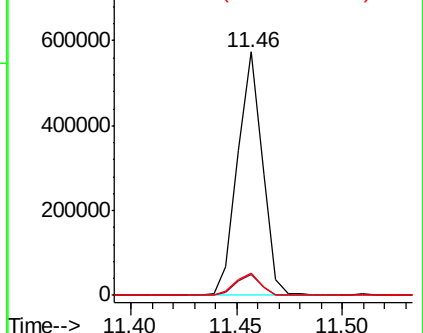
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 465971
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 7.2 10.8

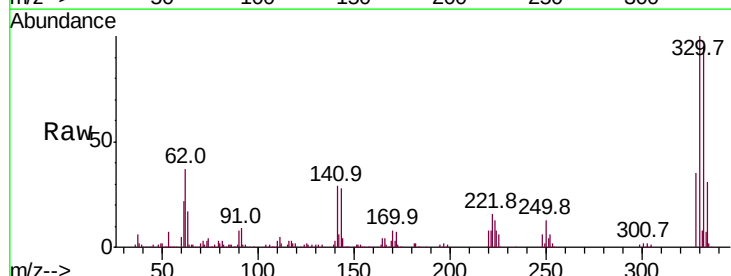


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

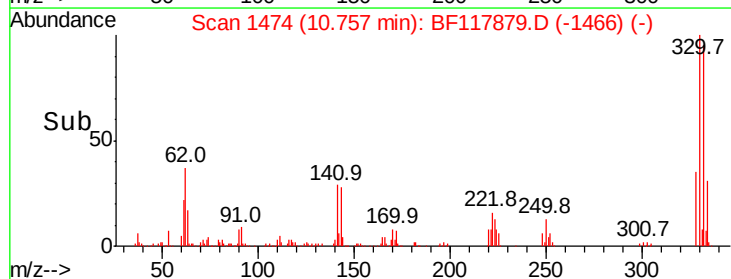
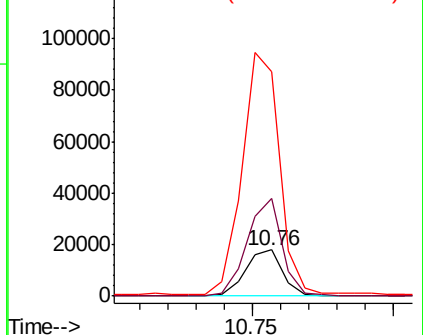


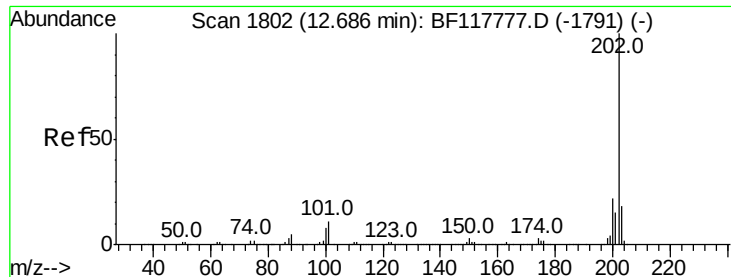
#67
4-Bromophenyl-phenylether
Concen: 3.203 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Tgt Ion:248 Resp: 16102
Ion Ratio Lower Upper
248 100
250 212.0 76.6 115.0#
141 489.3 55.9 83.9#



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





#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampled :

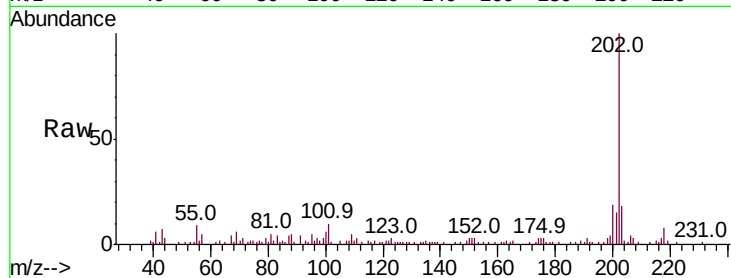
Tot Ion:202 Resp: 35661

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.1

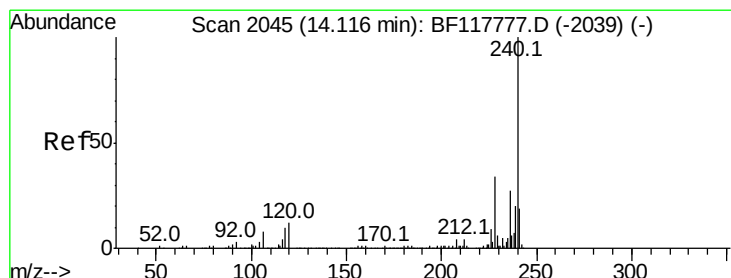
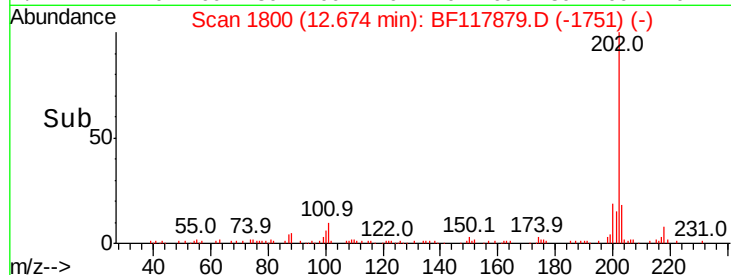
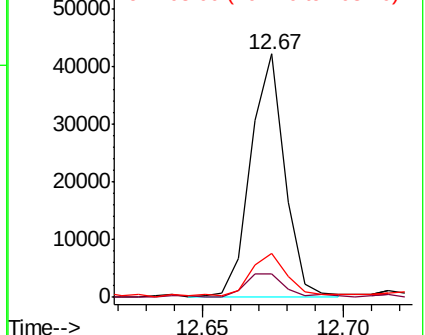
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

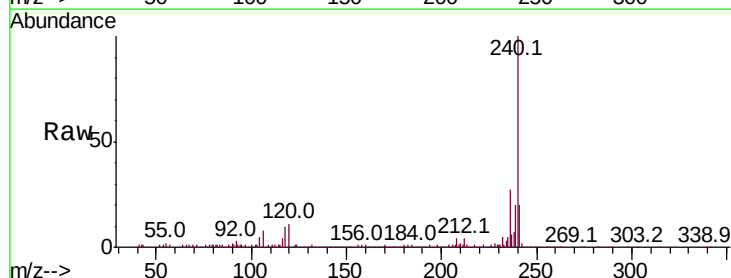
Tgt Ion:240 Resp: 350971

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

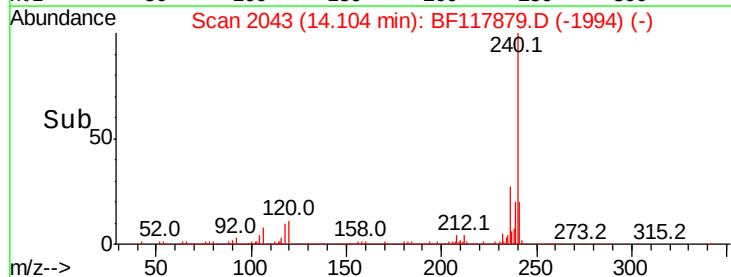
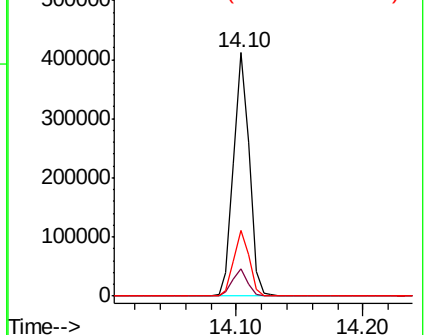
236 26.8 21.3 31.9

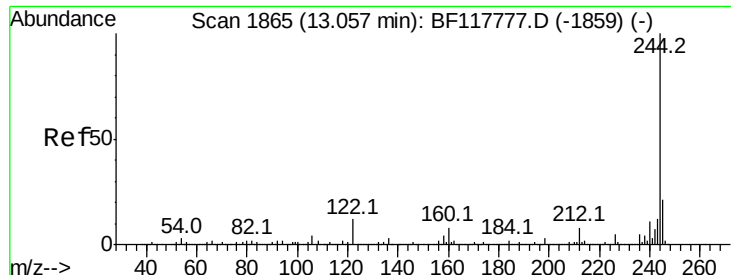


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.887 ng

RT: 13.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampleId :

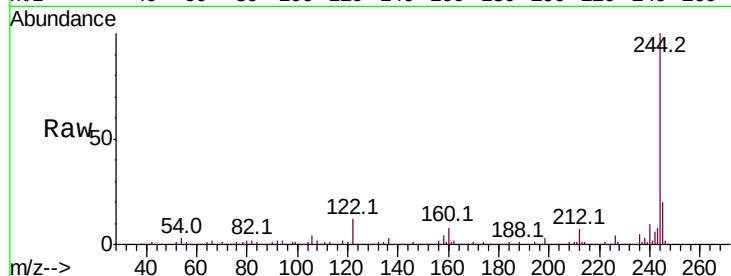
Tot Ion:244 Resp: 1207679

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

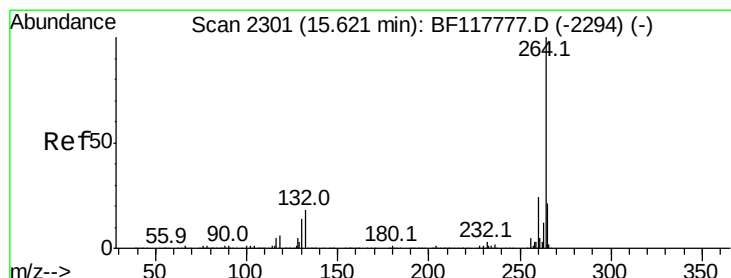
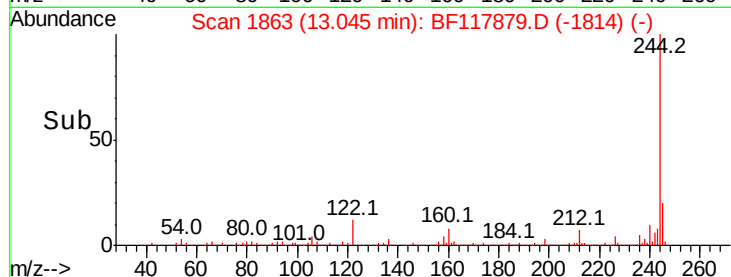
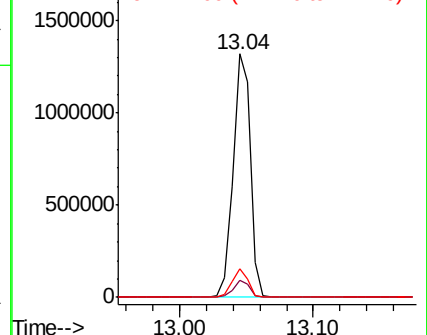
122 11.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

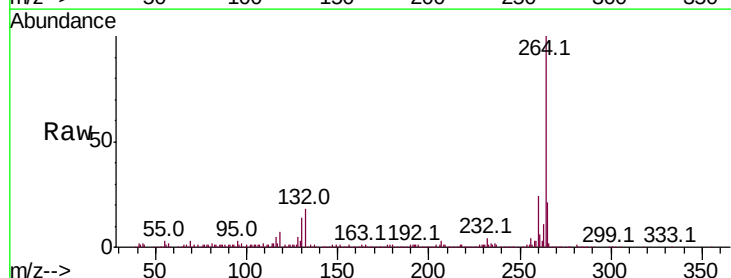
Tgt Ion:264 Resp: 308881

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.1 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

