

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117717.D
 Acq On : 7 Nov 2019 20:54
 Operator : JU
 Sample : K5671-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110519

Quant Time: Nov 08 01:26:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

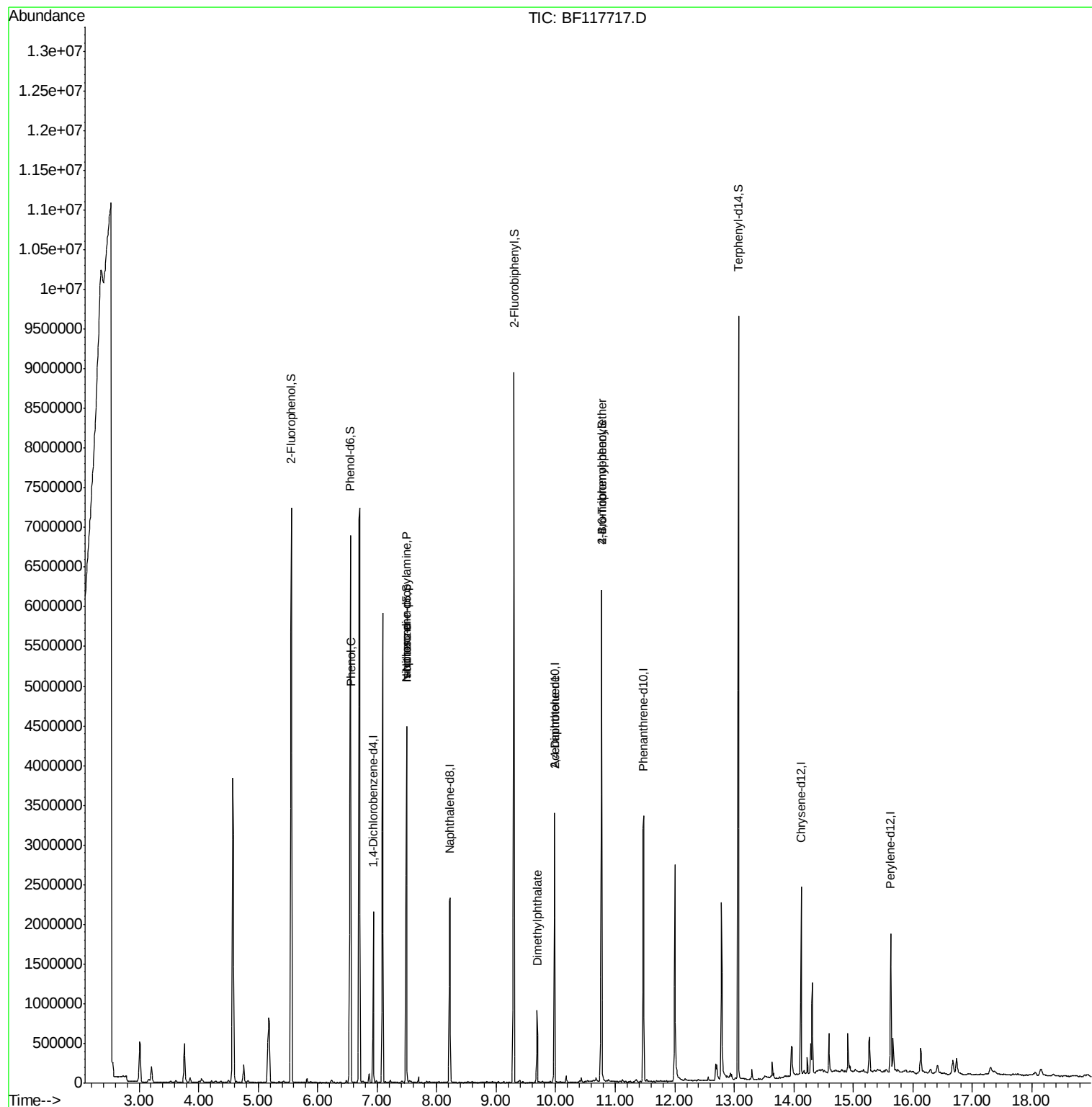
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	326825	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1284983	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	664060	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1259375	20.00	ng	0.00
76) Chrysene-d12	14.12	240	785610	20.00	ng	0.00
87) Perylene-d12	15.63	264	707737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	2269938	125.72	ng	0.01
7) Phenol-d6	6.55	99	2756582	123.82	ng	0.00
23) Nitrobenzene-d5	7.49	82	1739897	79.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	861484	132.62	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3214066	95.49	ng	0.00
79) Terphenyl-d14	13.07	244	3541599	92.80	ng	0.00
Target Compounds						
10) Phenol	6.56	94	93852	3.912	ng	96
19) n-Nitroso-di-n-propylamine	7.49	70	239674	16.373	ng	# 79
25) Isophorone	7.49	82	1701138	40.865	ng	# 62
50) Dimethylphthalate	9.69	163	365521	8.142	ng	97
57) 2,4-Dinitrotoluene	9.98	165	86234	6.687	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	56642	4.118	ng	# 1

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

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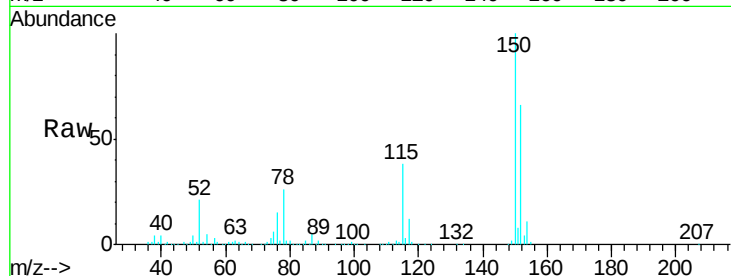


#1

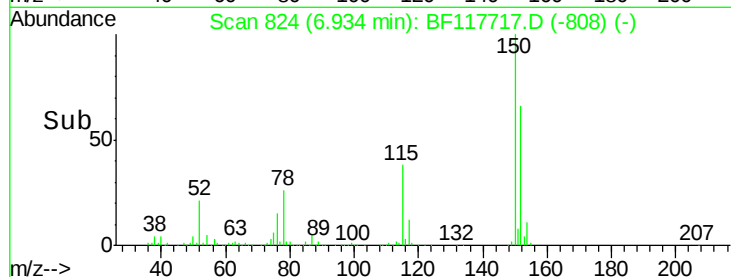
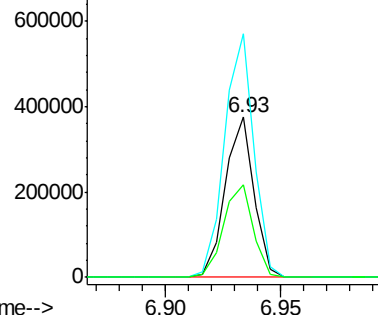
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

Instrument :
BNA_F
ClientSampleId :
OR-02-110519

Tgt Ion:152 Resp: 326825
Ion Ratio Lower Upper
152 100
150 152.1 121.4 182.2
115 58.1 46.7 70.1



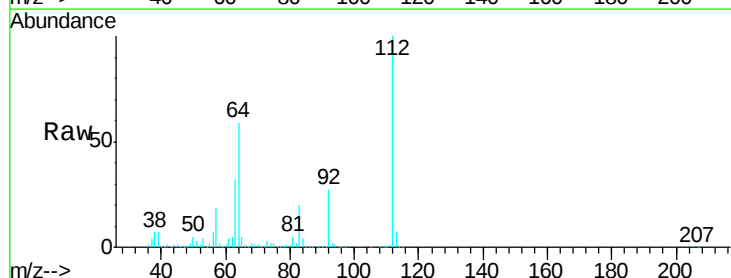
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



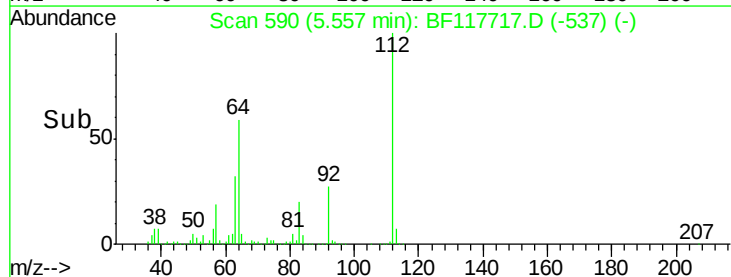
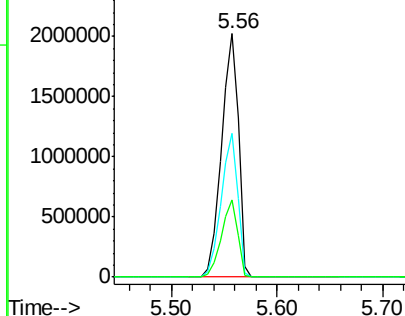
#5

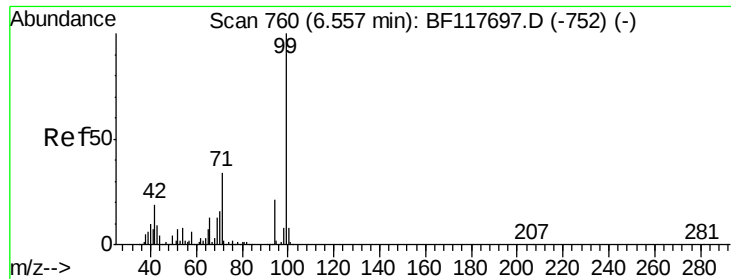
2-Fluorophenol
Concen: 125.723 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

Tgt Ion:112 Resp: 2269938
Ion Ratio Lower Upper
112 100
64 59.0 46.4 69.6
63 31.7 24.6 37.0



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: 123.822 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117717.D

Acq: 7 Nov 2019 20:54

Instrument :

BNA_F

ClientSampleId :

OR-02-110519

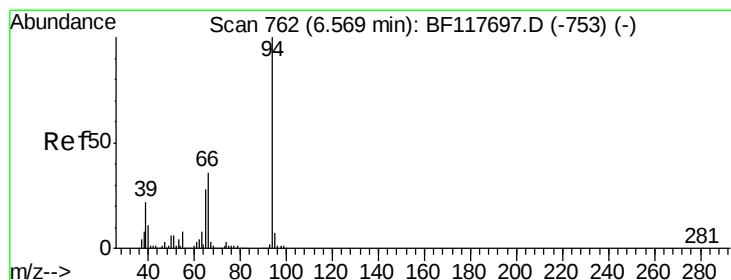
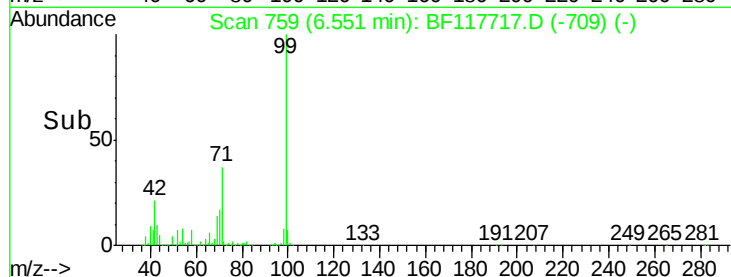
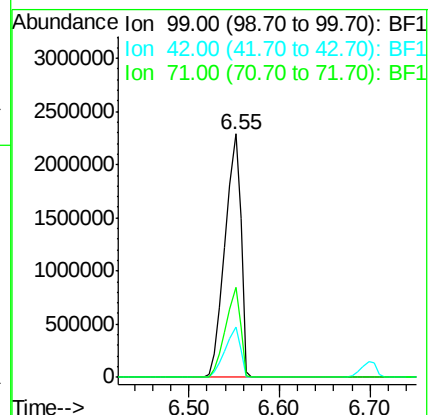
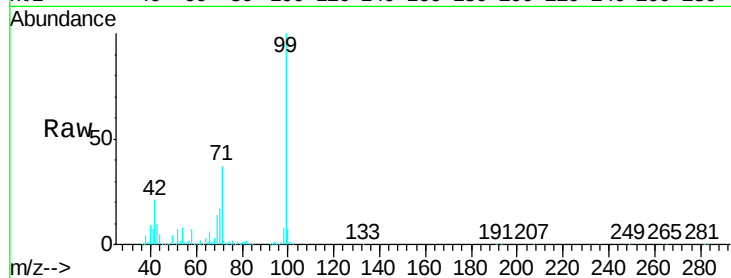
Tgt Ion: 99 Resp: 2756582

Ion Ratio Lower Upper

99 100

42 20.7 15.3 22.9

71 36.9 26.8 40.2



#10

Phenol

Concen: 3.912 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117717.D

Acq: 7 Nov 2019 20:54

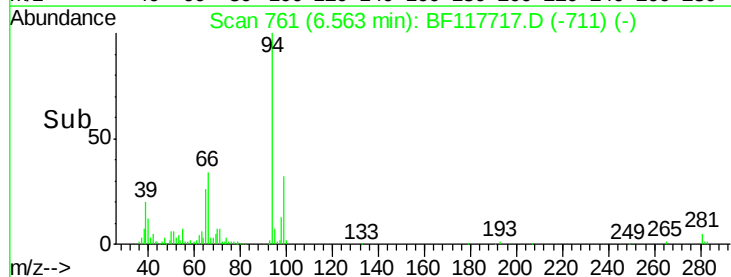
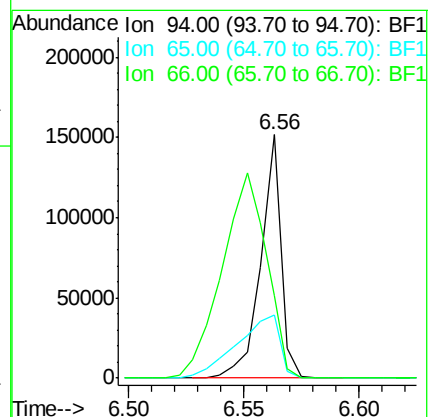
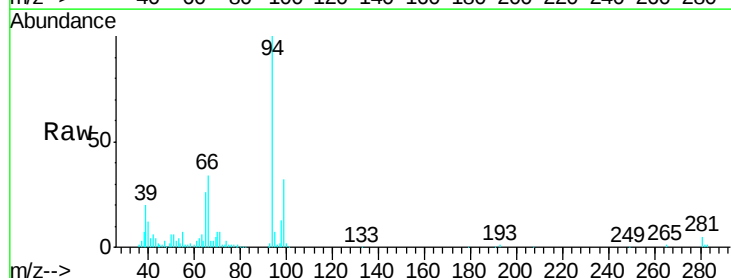
Tgt Ion: 94 Resp: 93852

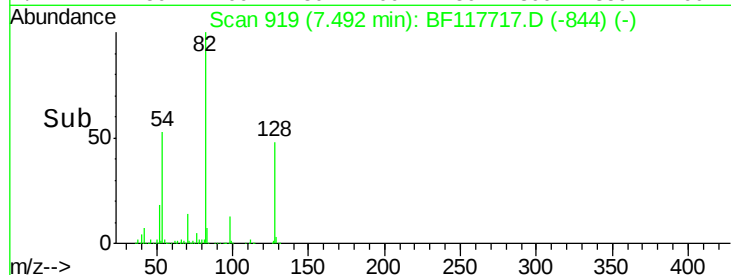
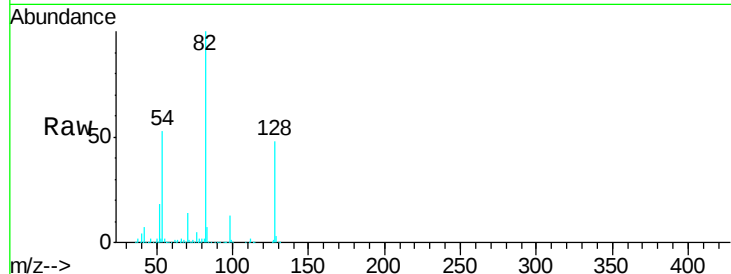
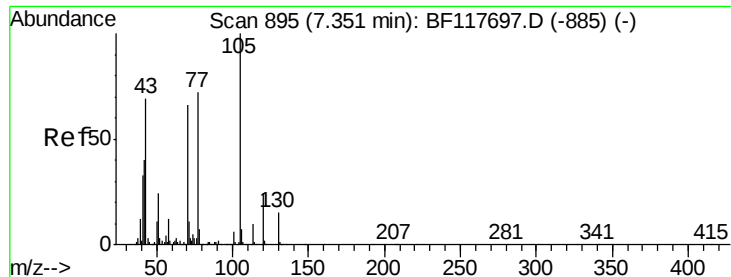
Ion Ratio Lower Upper

94 100

65 26.0 7.6 47.6

66 33.7 16.1 56.1

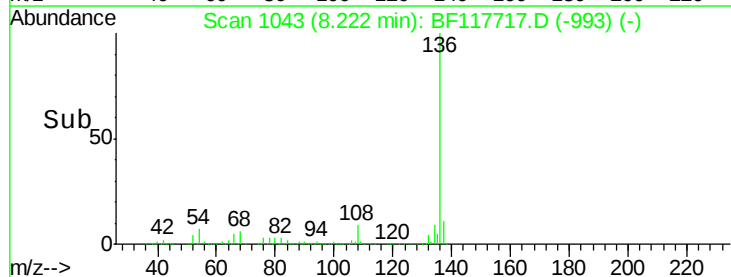
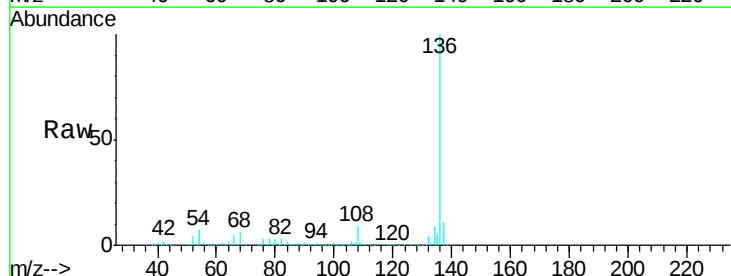
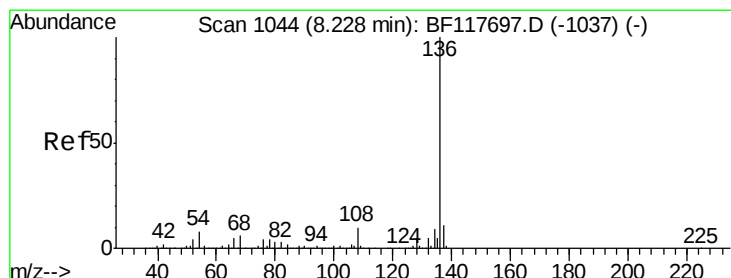
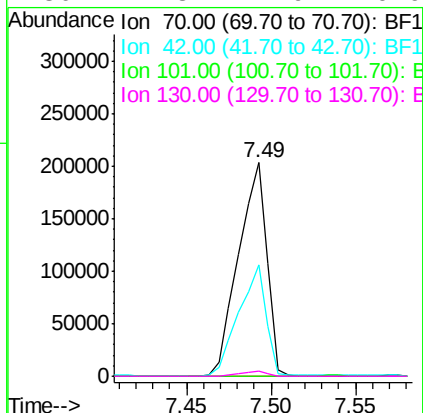




#19
n-Nitroso-di-n-propylamine
Concen: 16.373 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

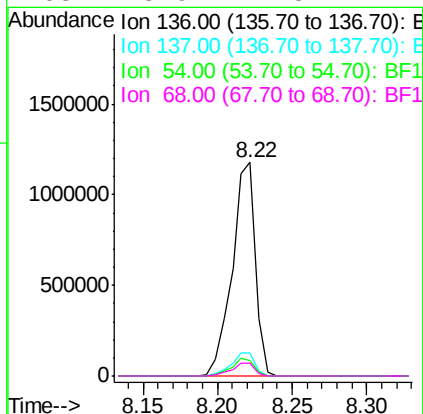
Instrument :
BNA_F
ClientSampleId :
OR-02-110519

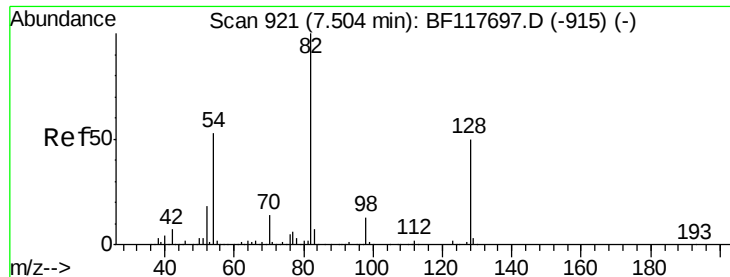
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.9	49.1	73.7
101	0.0	7.8	11.8#
130	2.3	17.9	26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	6.0	9.0
68	5.9	4.8	7.2

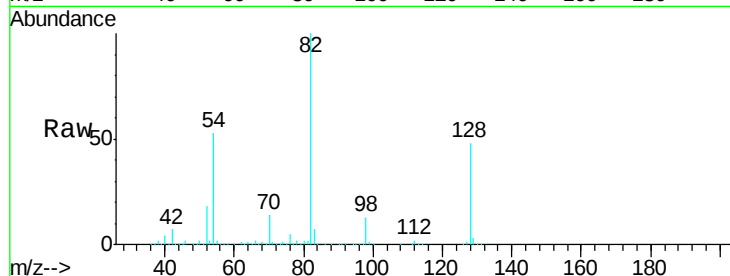




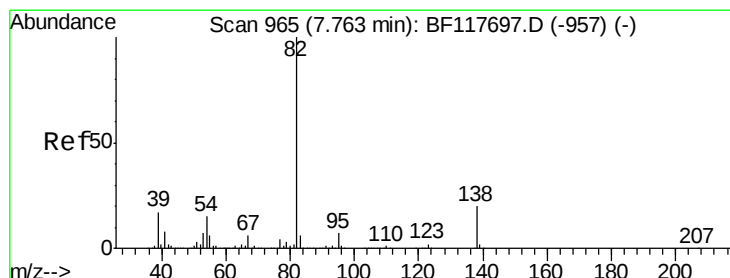
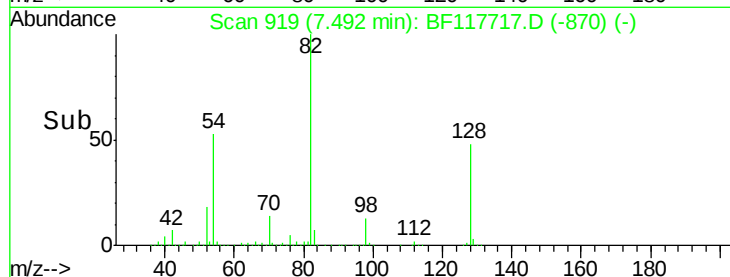
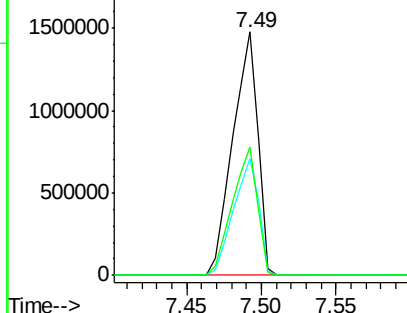
#23
Nitrobenzene-d5
Concen: 79.940 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

Instrument :
BNA_F
ClientSampleId :
OR-02-110519

Tgt Ion: 82 Resp: 1739897
Ion Ratio Lower Upper
82 100
128 48.1 40.2 60.2
54 52.6 42.0 63.0

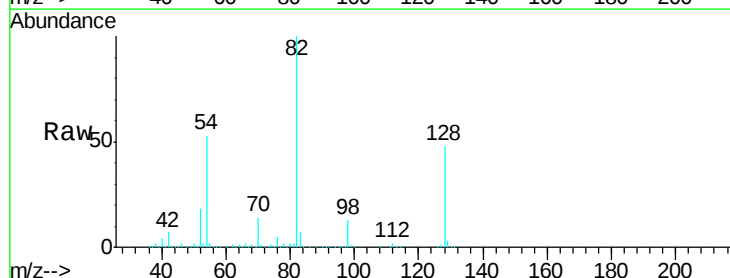


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

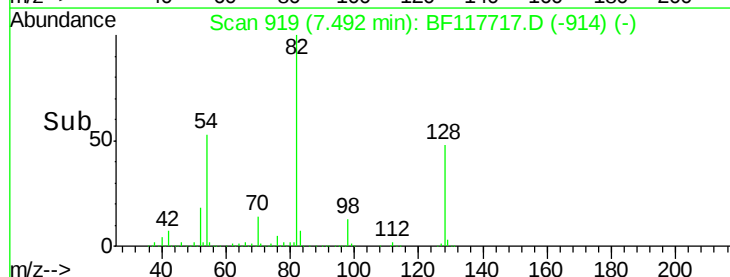
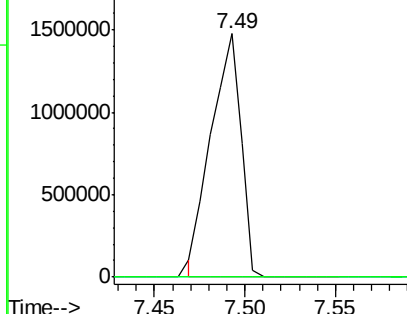


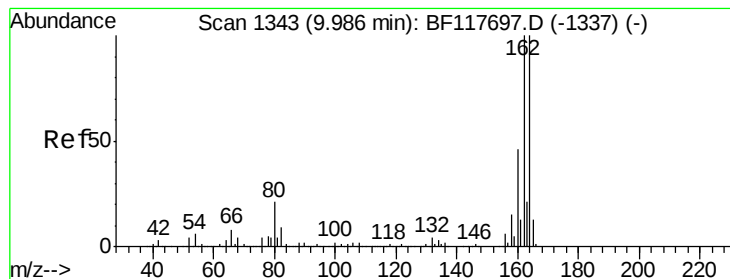
#25
Isophorone
Concen: 40.865 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

Tgt Ion: 82 Resp: 1701138
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.2 24.2#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117717.D

Acq: 7 Nov 2019 20:54

Instrument :

BNA_F

ClientSampleId :

OR-02-110519

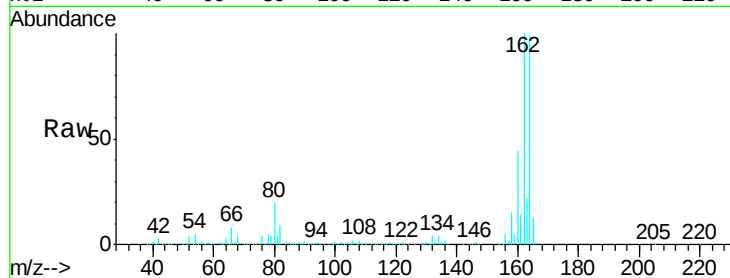
Tgt Ion:164 Resp: 664060

Ion Ratio Lower Upper

164 100

162 100.8 79.7 119.5

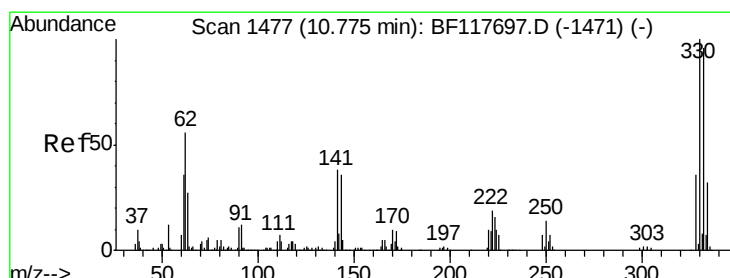
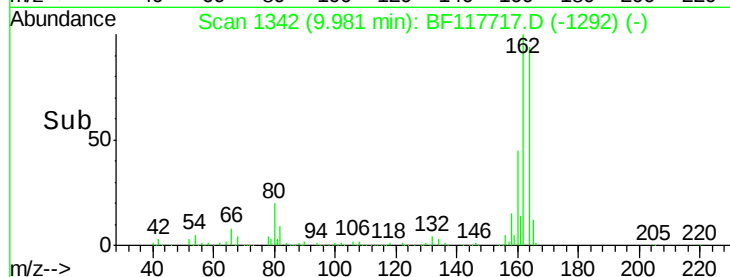
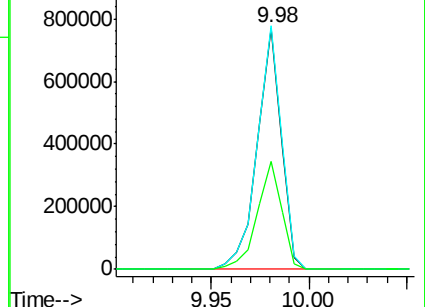
160 44.7 36.5 54.7



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: 132.617 ng

RT: 10.77 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF117717.D

Acq: 7 Nov 2019 20:54

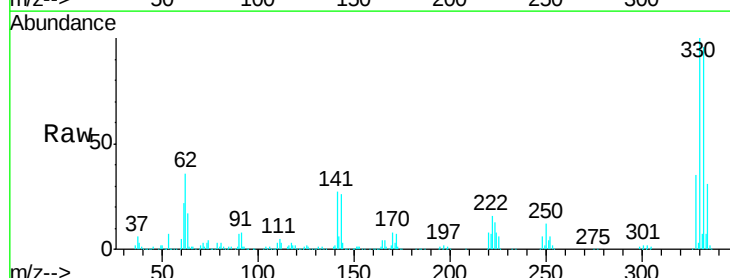
Tgt Ion:330 Resp: 861484

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

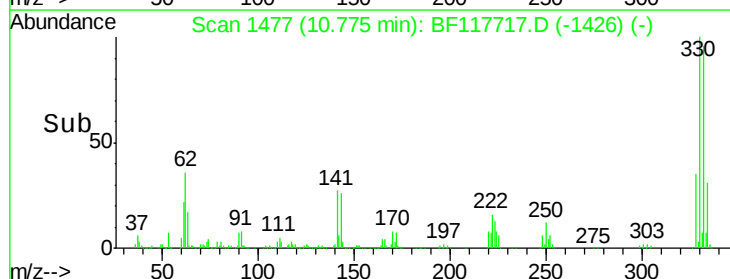
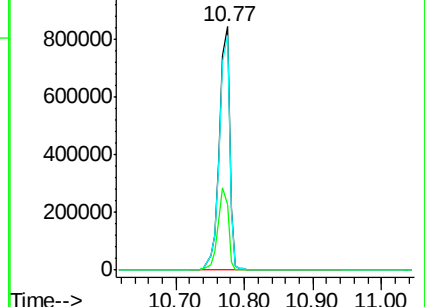
141 33.9 28.0 42.0

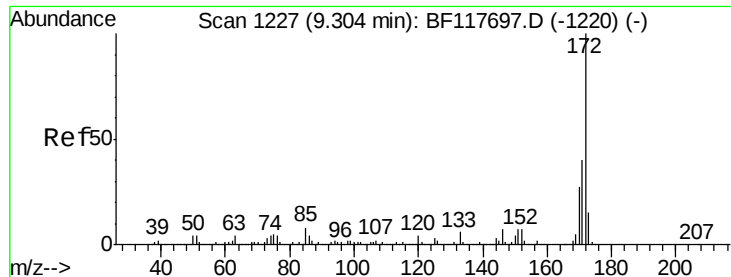


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

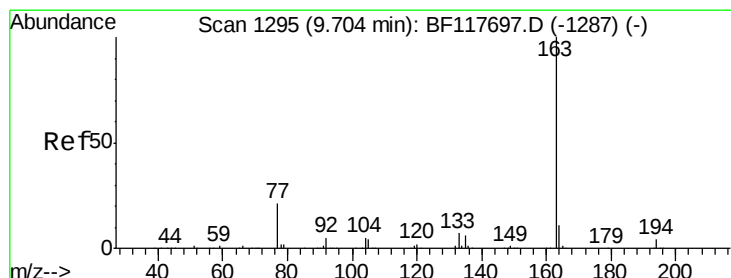
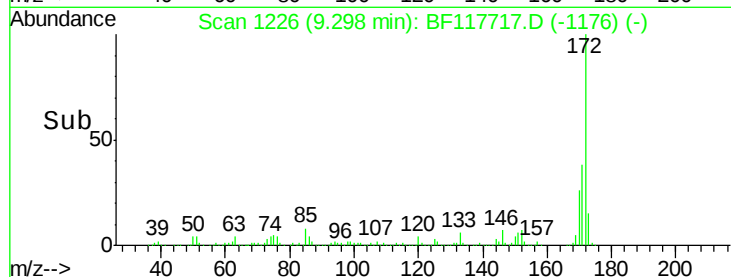
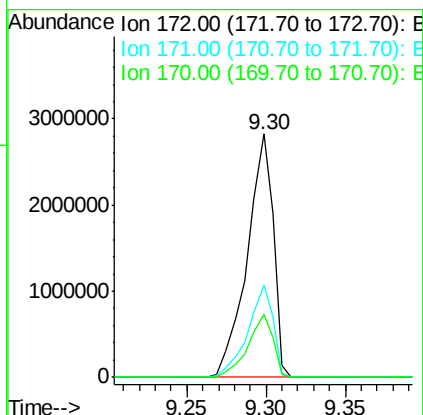
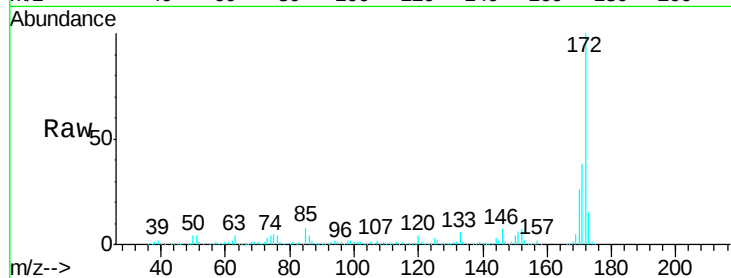




#45
2-Fluorobiphenyl
Concen: 95.494 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

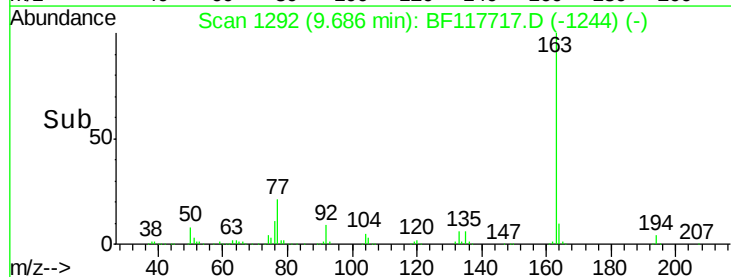
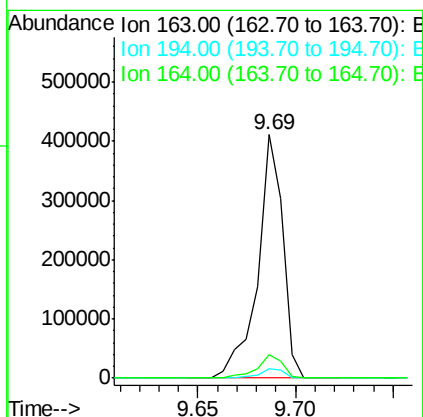
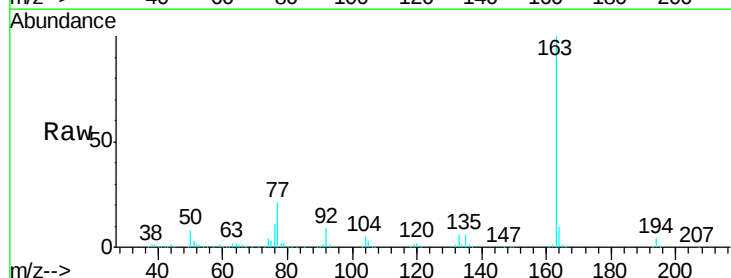
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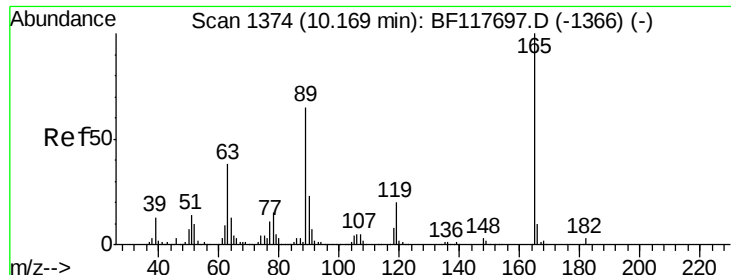
Tgt Ion:172 Resp: 3214066
Ion Ratio Lower Upper
172 100
171 38.1 31.8 47.8
170 26.1 21.6 32.4



#50
Dimethylphthalate
Concen: 8.142 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117717.D
Acq: 7 Nov 2019 20:54

Tgt Ion:163 Resp: 365521
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.9 8.9 13.3

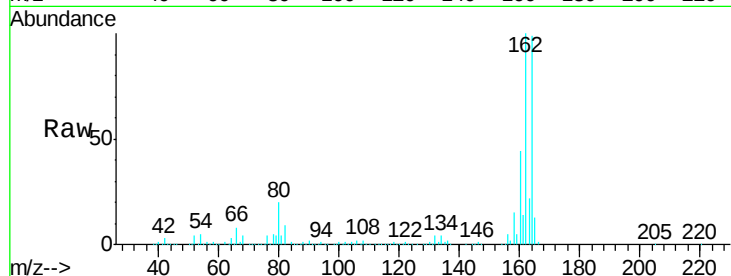




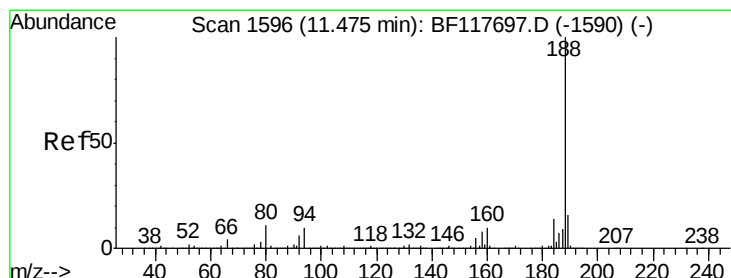
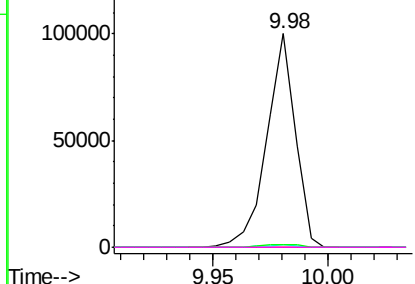
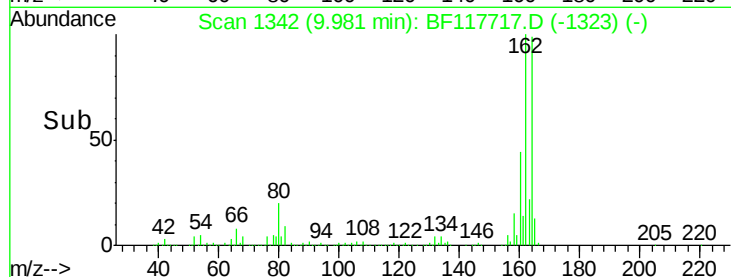
#57
 2,4-Dinitrotoluene
 Concen: 6.687 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.19 min
 Lab File: BF117717.D
 Acq: 7 Nov 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110519

Tgt Ion:	165	Resp:	86234
Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.4	45.6#
89	1.2	52.2	78.4#
182	0.0	2.3	3.5#

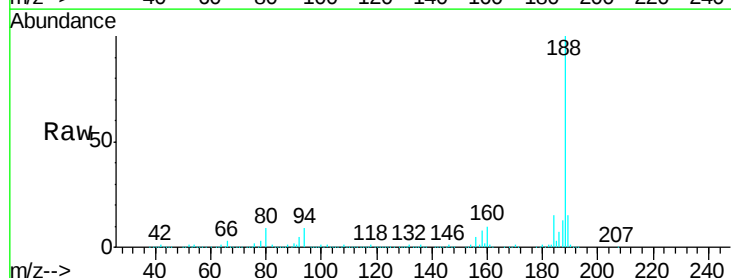


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

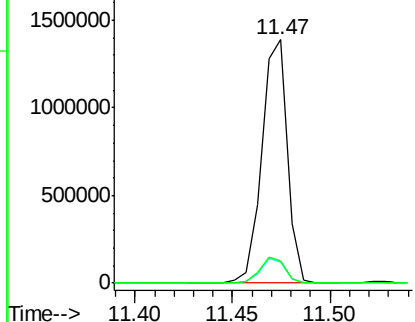
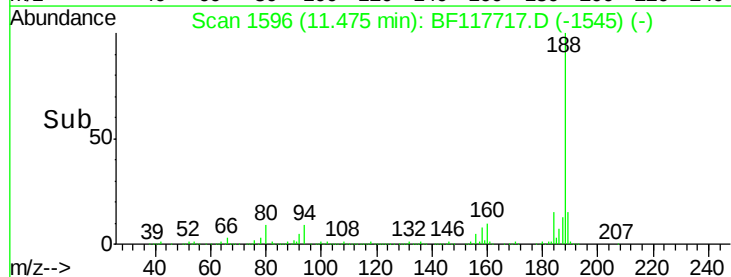


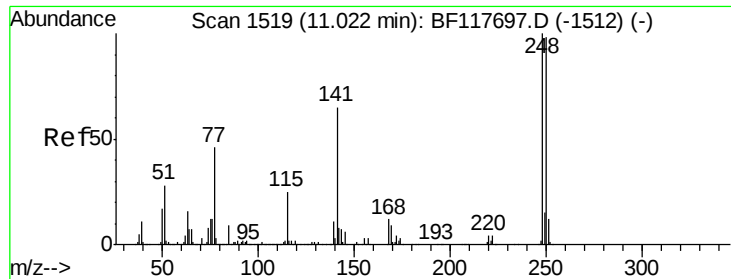
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF117717.D
 Acq: 7 Nov 2019 20:54

Tgt Ion:	188	Resp:	1259375
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	9.2	8.6	13.0



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

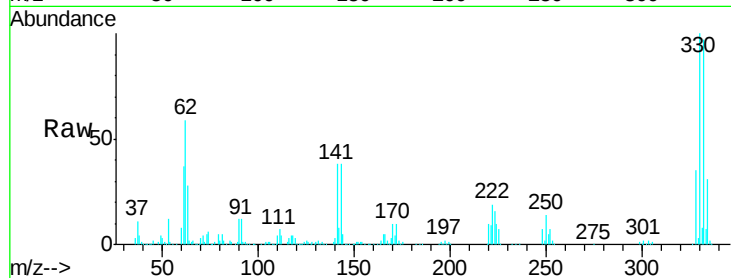




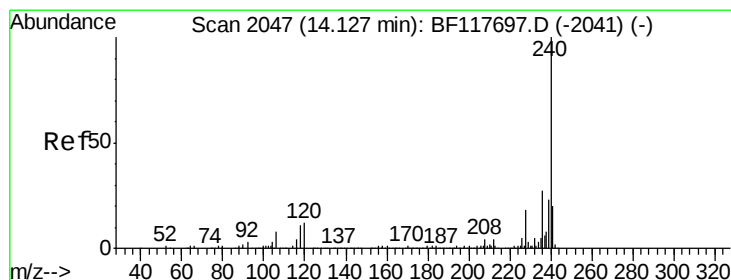
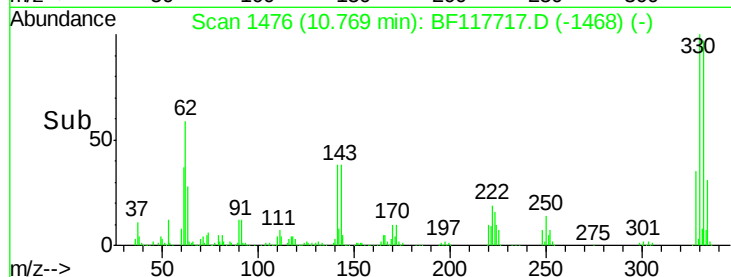
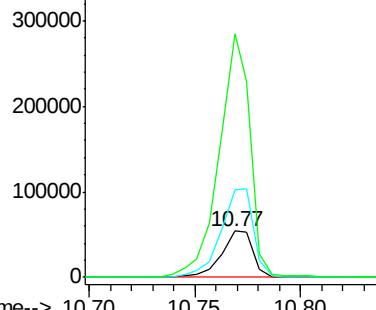
#67
 4-Bromophenyl-phenylether
 Concen: 4.118 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.25 min
 Lab File: BF117717.D
 Acq: 7 Nov 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-110519

Tgt Ion:248 Resp: 56642
 Ion Ratio Lower Upper
 248 100
 250 190.9 78.7 118.1#
 141 530.6 51.8 77.8#

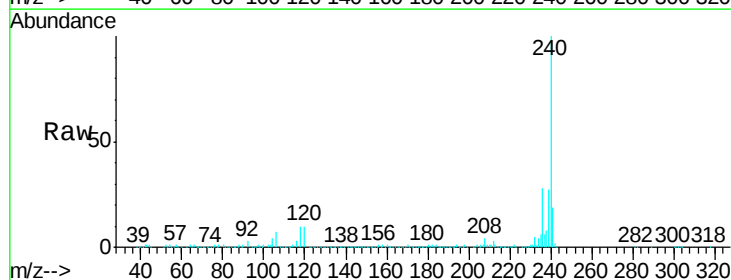


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

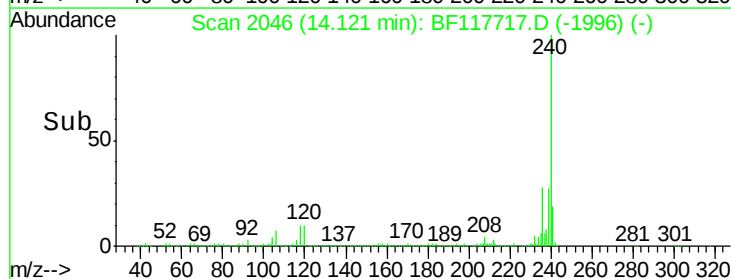
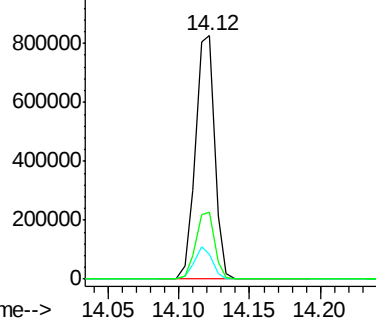


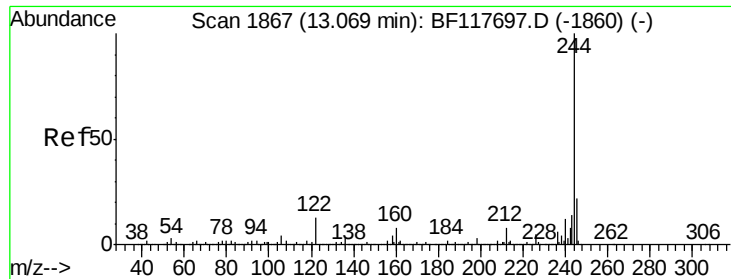
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF117717.D
 Acq: 7 Nov 2019 20:54

Tgt Ion:240 Resp: 785610
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.7 14.5
 236 27.5 21.9 32.9



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: 92.803 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF117717.D

Acq: 7 Nov 2019 20:54

Instrument :

BNA_F

ClientSampleId :

OR-02-110519

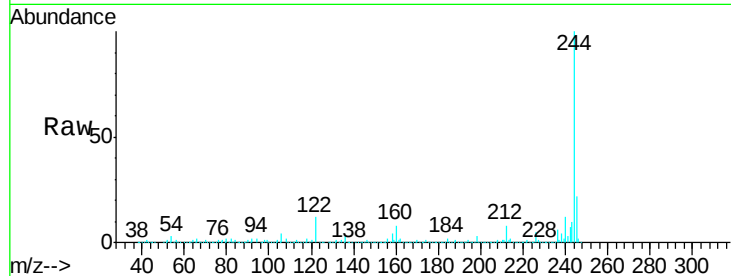
Tgt Ion:244 Resp: 3541599

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

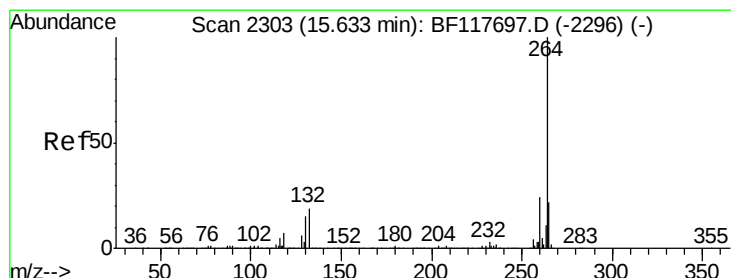
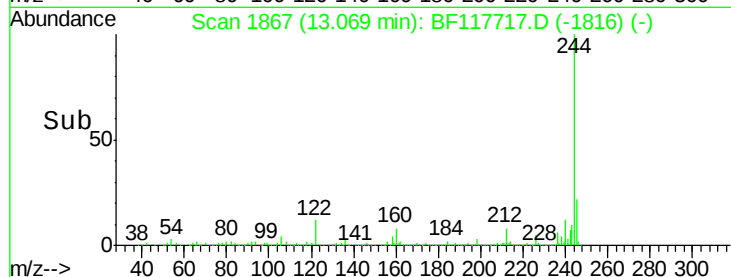
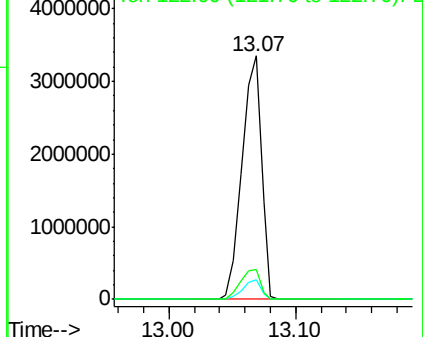
122 12.1 10.0 15.0



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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117717.D

Acq: 7 Nov 2019 20:54

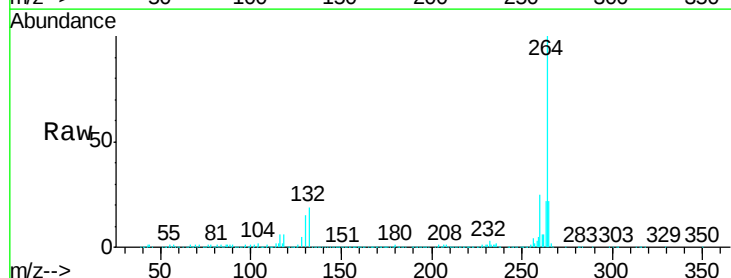
Tgt Ion:264 Resp: 707737

Ion Ratio Lower Upper

264 100

260 25.3 18.8 28.2

265 21.9 17.7 26.5



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

