

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117836.D
 Acq On : 18 Nov 2019 15:40
 Operator : JU
 Sample : K5861-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Quant Time: Nov 18 16:10:36 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

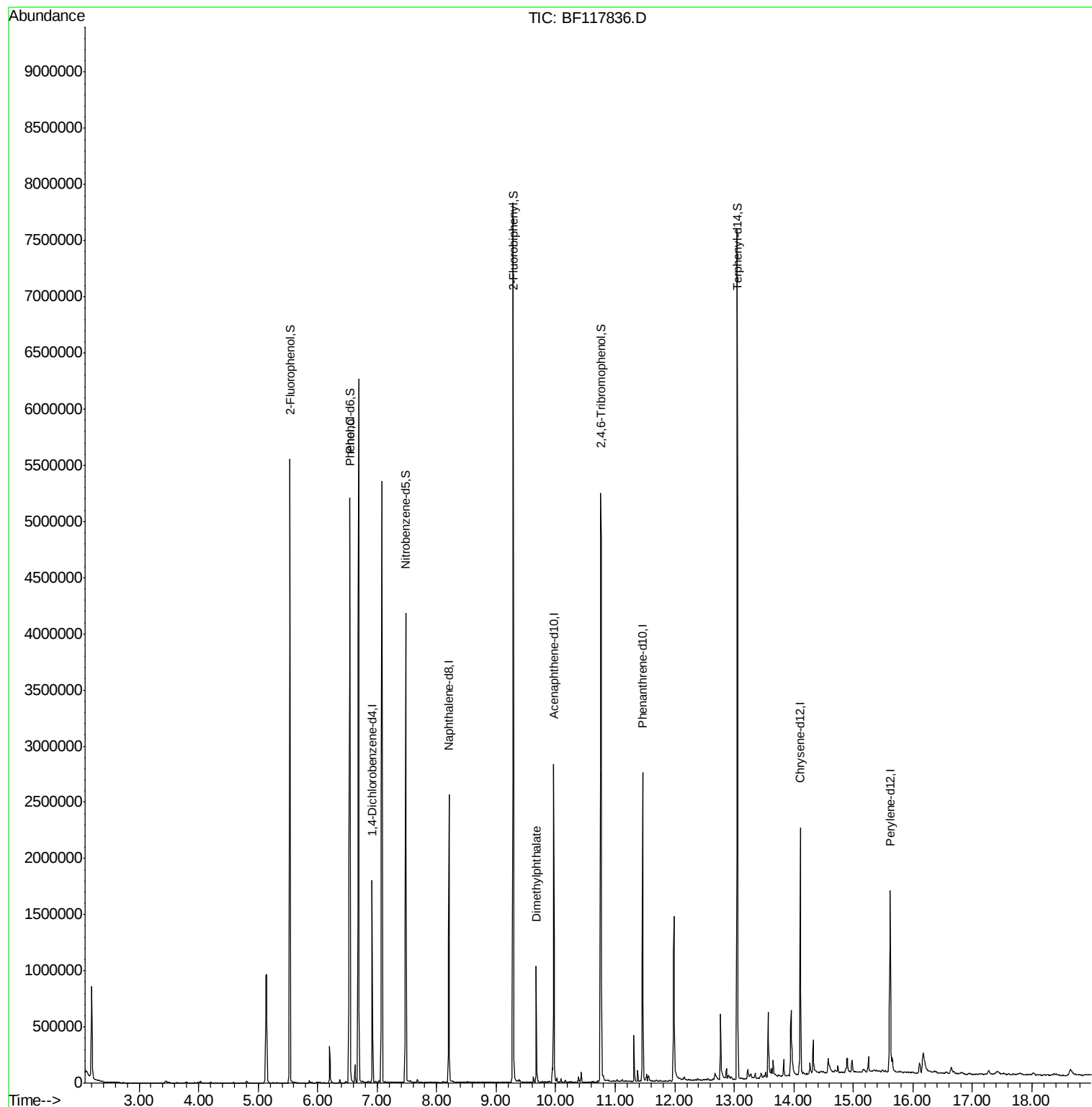
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	270435	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1056791	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	570239	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1070666	20.00	ng	0.00
76) Chrysene-d12	14.11	240	718001	20.00	ng	0.00
87) Perylene-d12	15.62	264	754543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1694535	110.91	ng	0.00
7) Phenol-d6	6.54	99	2131980	115.69	ng	0.00
23) Nitrobenzene-d5	7.48	82	1317507	74.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	703945	116.60	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2417882	76.07	ng	0.00
79) Terphenyl-d14	13.05	244	2661052	67.73	ng	0.00
Target Compounds						
10) Phenol	6.55	94	64575	3.372	ng	98
50) Dimethylphthalate	9.67	163	372821	9.323	ng	99

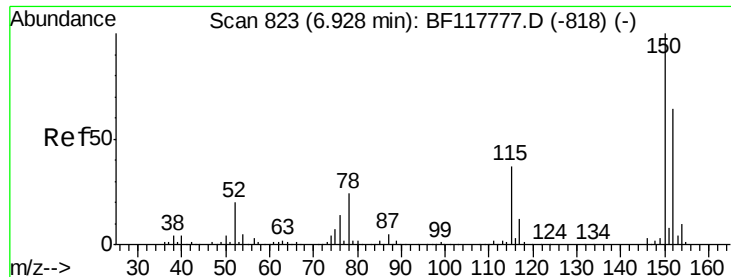
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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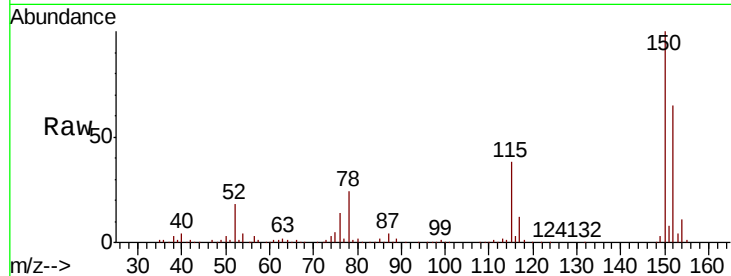


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :
EP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.3	187.9
115	57.5	47.0	70.4

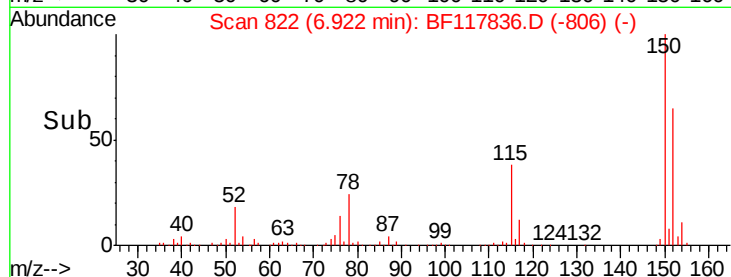
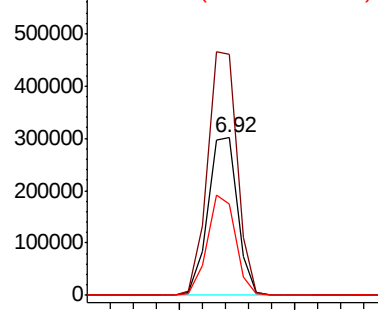


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

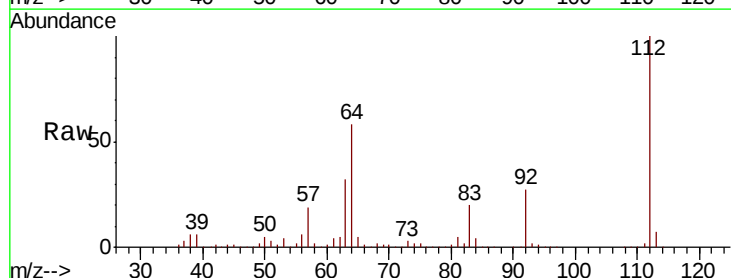
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.914 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.6	68.4
63	31.6	24.1	36.1

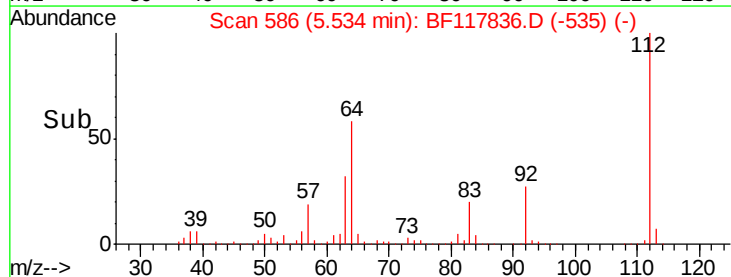
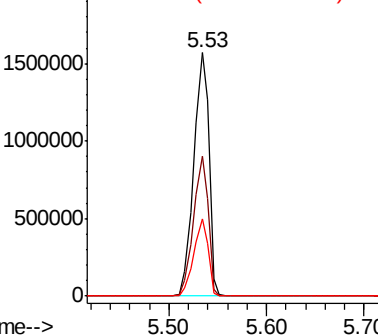


Abundance

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: 115.695 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

Instrument :

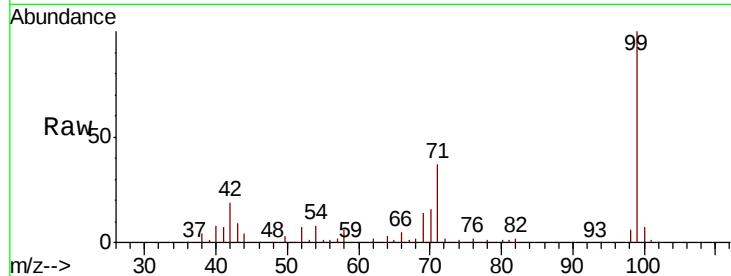
BNA_F

ClientSampleId :

EP-2

Tot Ion: 99 Resp: 2131980

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	37.1	28.6	43.0

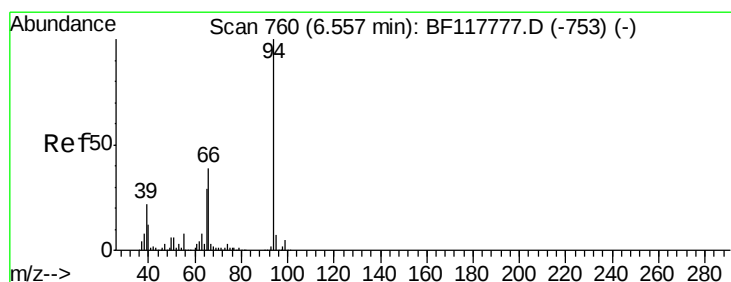
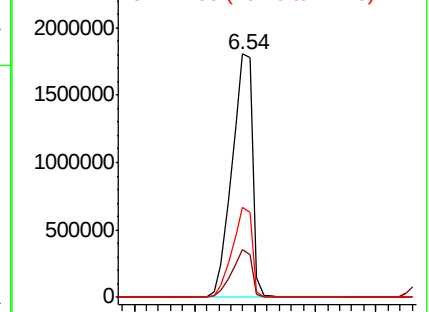
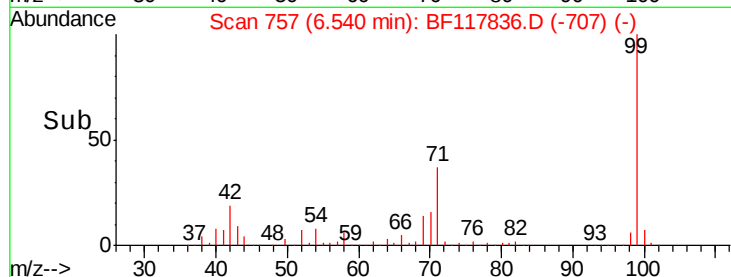


Abundance

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



#10

Phenol

Concen: 3.372 ng

RT: 6.55 min Scan# 759

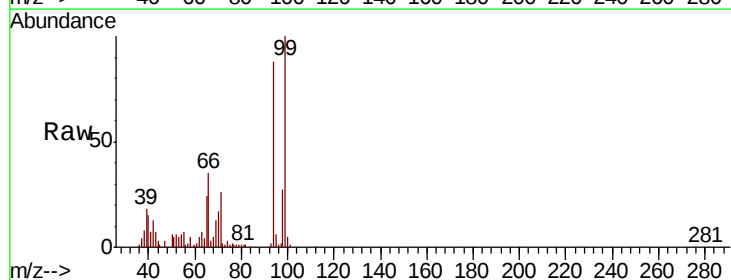
Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

Tgt Ion: 94 Resp: 64575

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.9	48.9
66	40.3	18.7	58.7

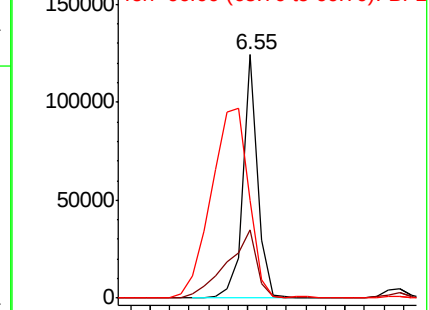
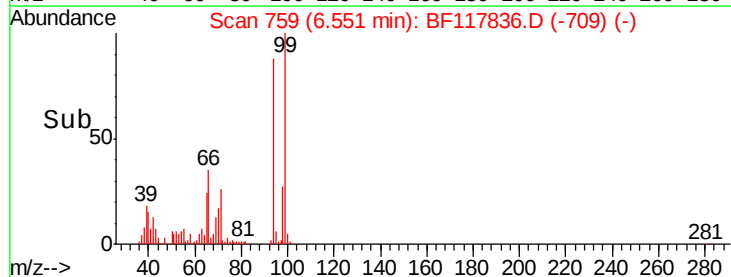


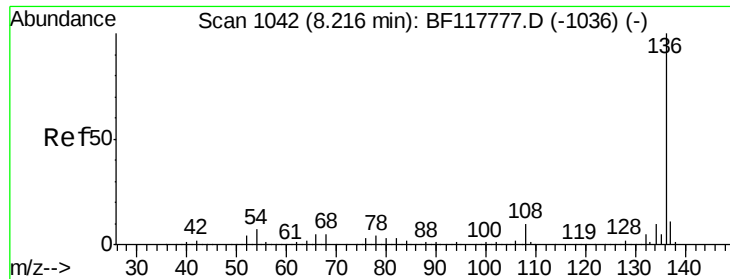
Abundance

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

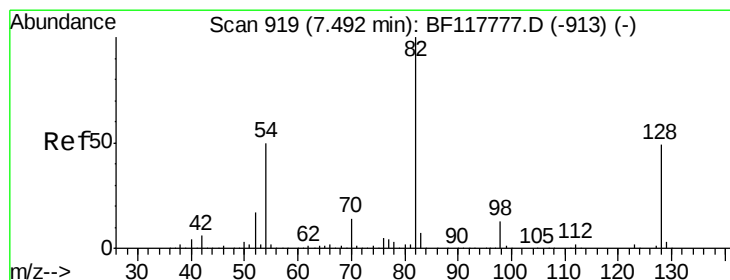
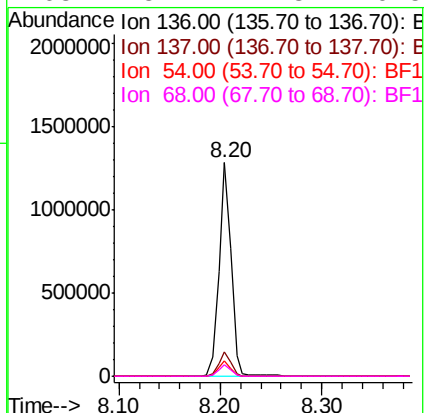
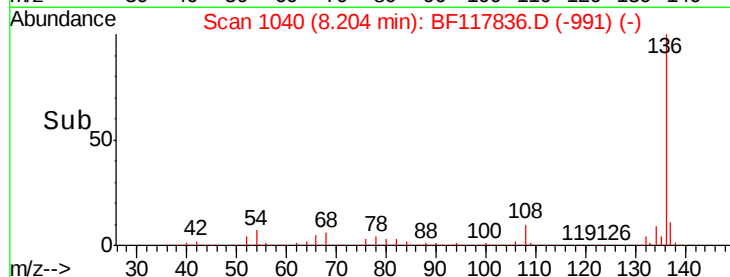
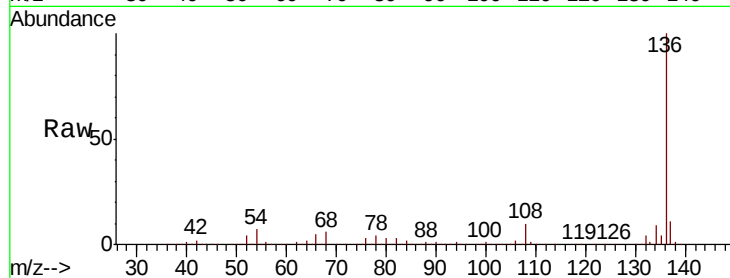




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

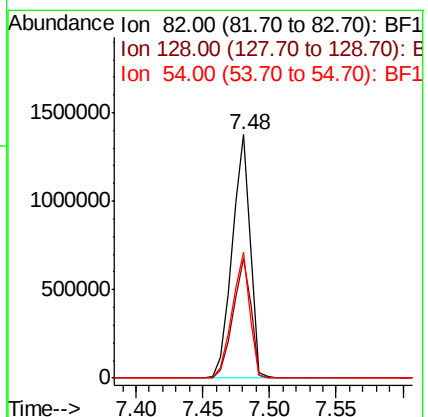
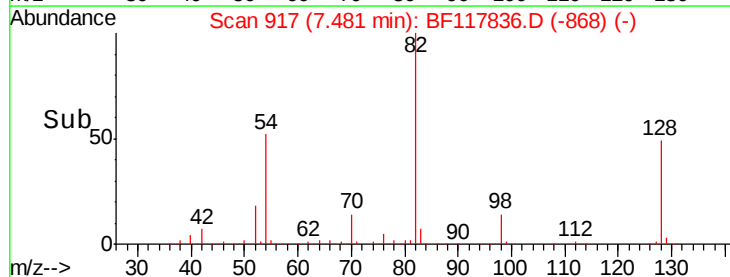
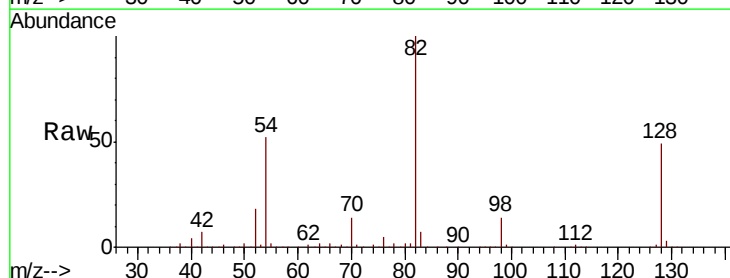
Instrument :
BNA_F
ClientSampleId :
EP-2

Tot Ion:136 Resp: 1056791
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.3 5.4 8.2
68 5.7 4.3 6.5



#23
Nitrobenzene-d5
Concen: 74.112 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion: 82 Resp: 1317507
Ion Ratio Lower Upper
82 100
128 49.1 38.9 58.3
54 51.8 39.8 59.6

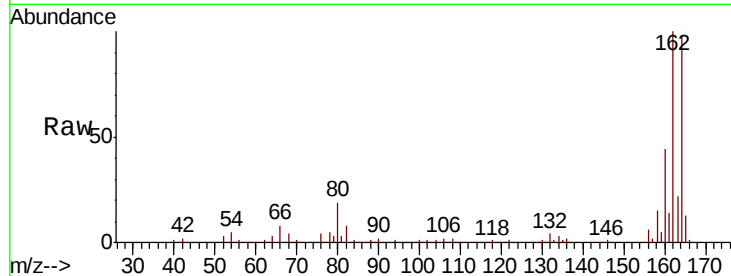




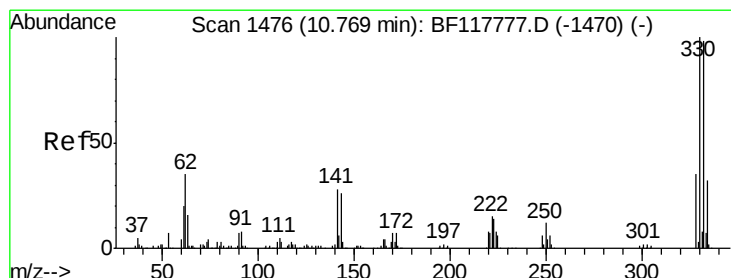
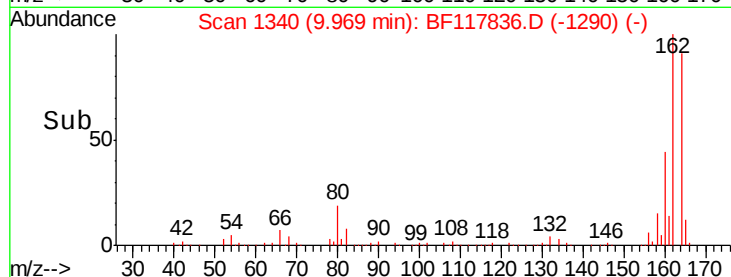
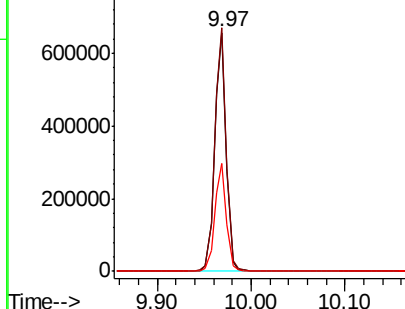
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :
EP-2

Tot Ion:164 Resp: 570239
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.1 36.6 55.0

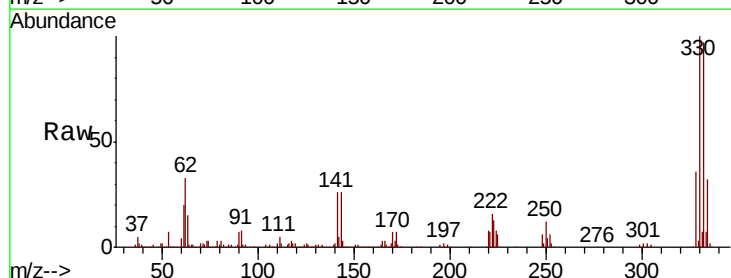


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

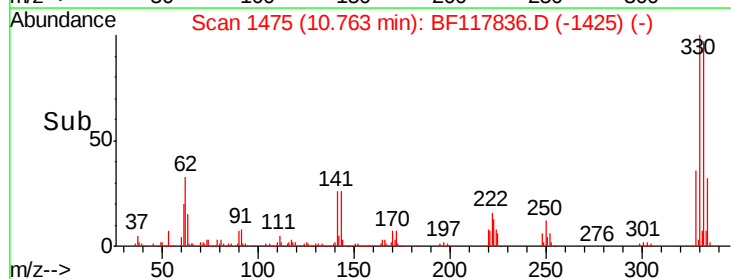
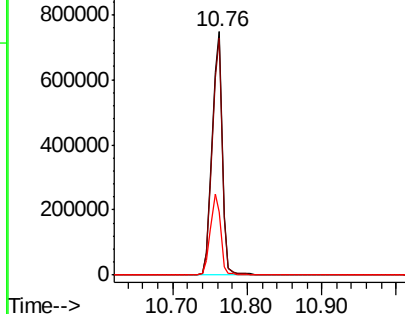


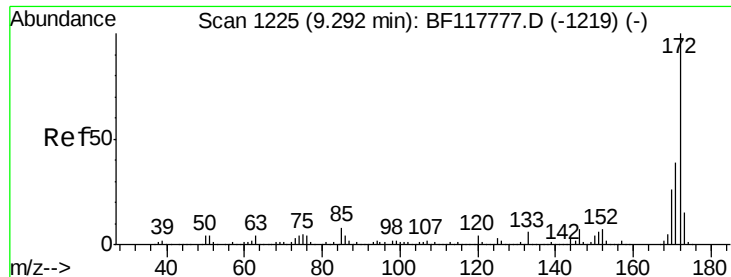
#42
2,4,6-Tribromophenol
Concen: 116.604 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion:330 Resp: 703945
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 33.8 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



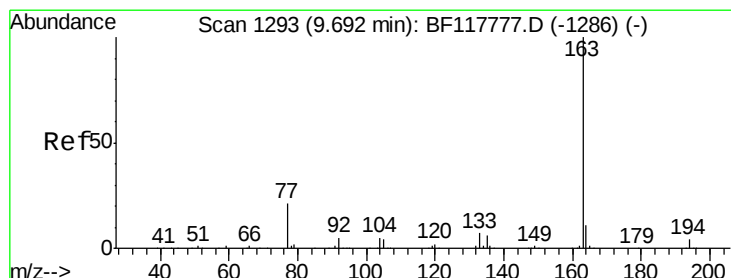
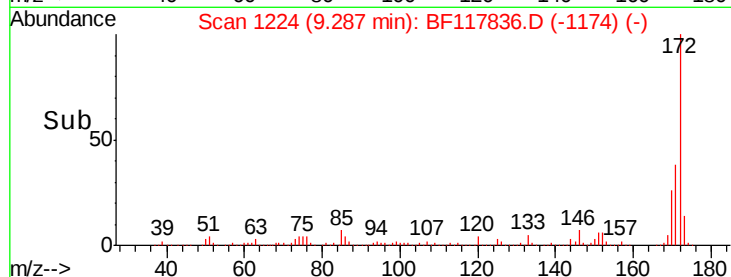
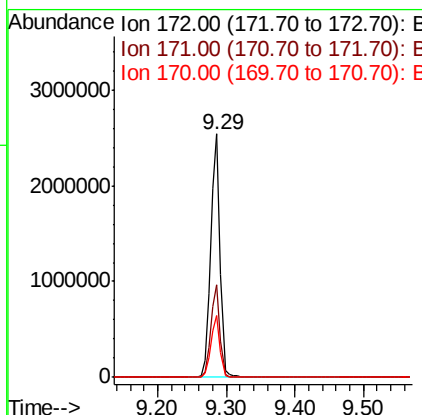
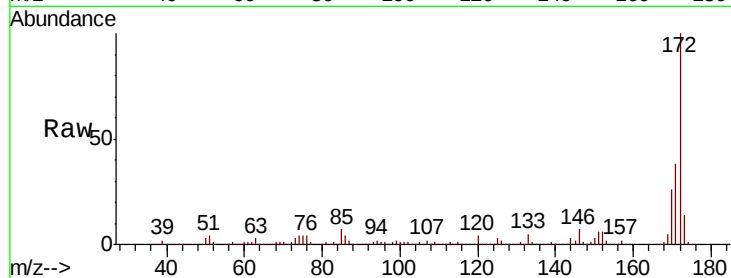


#45
 2-Fluorobiphenyl
 Concen: 76.069 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Tot Ion:172 Resp: 2417882

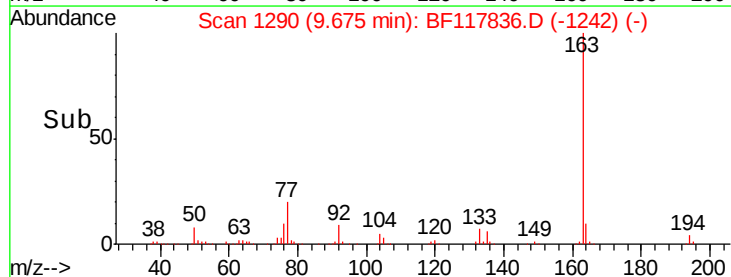
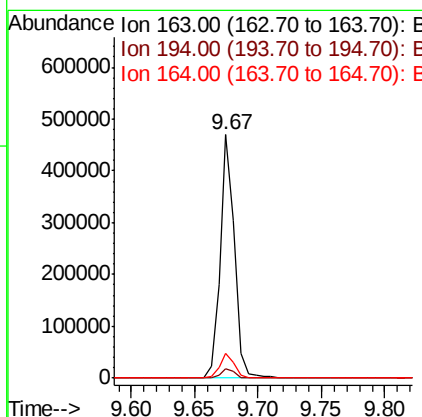
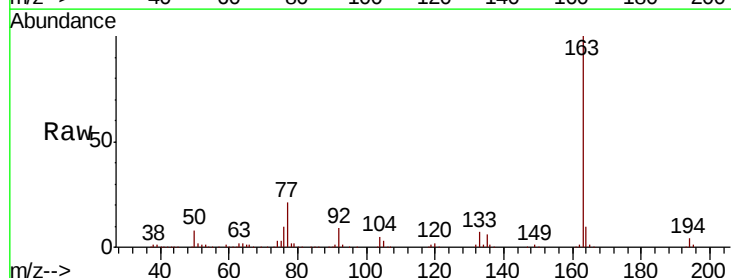
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.9	46.3
170	25.6	21.0	31.4



#50
 Dimethylphthalate
 Concen: 9.323 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

Tgt Ion:163 Resp: 372821

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

Instrument :

BNA_F

ClientSampleId :

EP-2

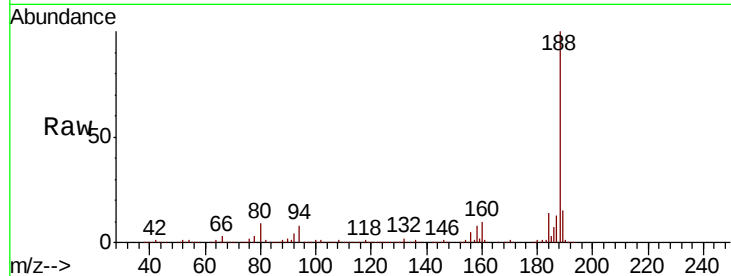
Tot Ion:188 Resp: 1070666

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

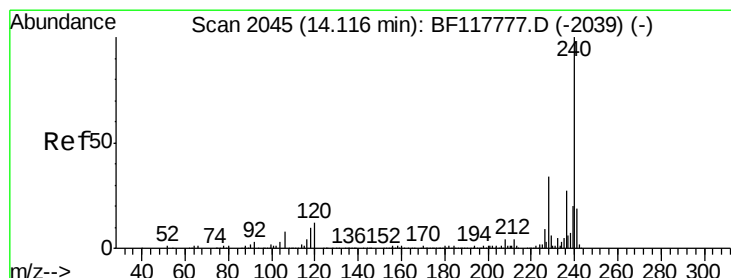
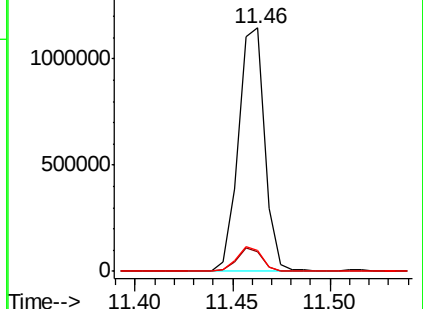
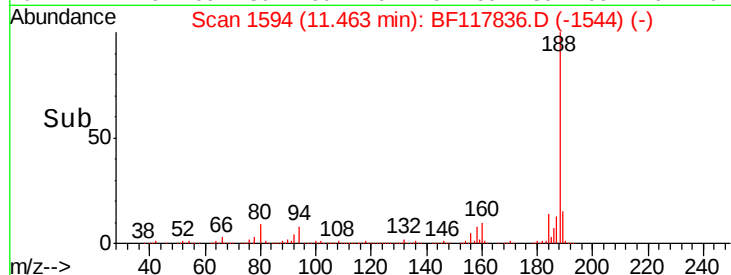
80 8.6 7.2 10.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

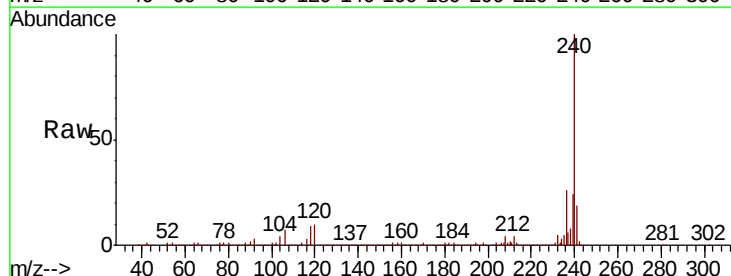
Tgt Ion:240 Resp: 718001

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

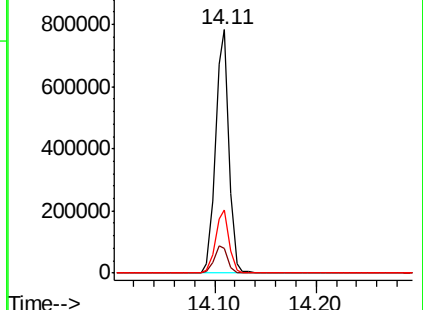
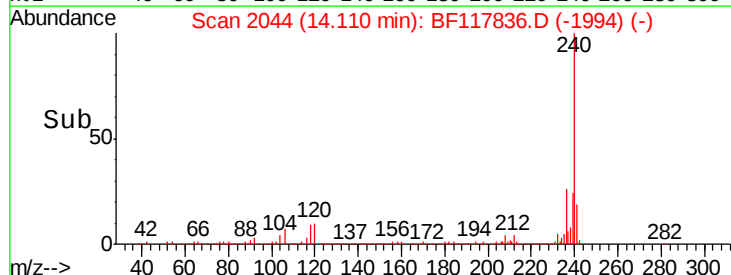
236 26.2 21.3 31.9

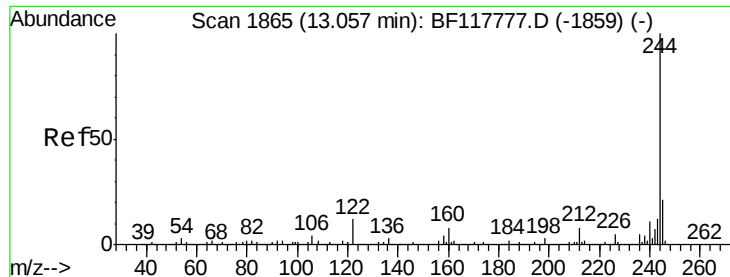


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.735 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

Instrument :

BNA_F

ClientSampleId :

EP-2

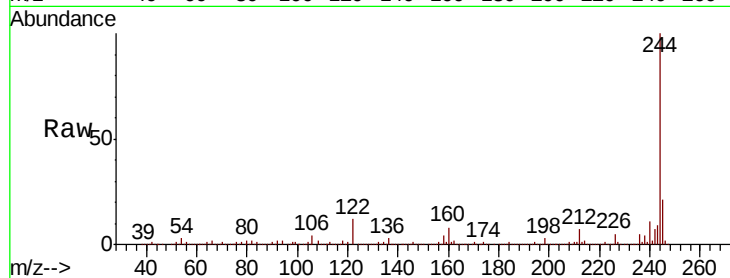
Tot Ion:244 Resp: 2661052

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

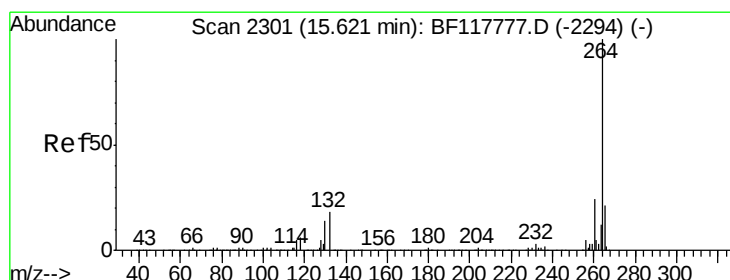
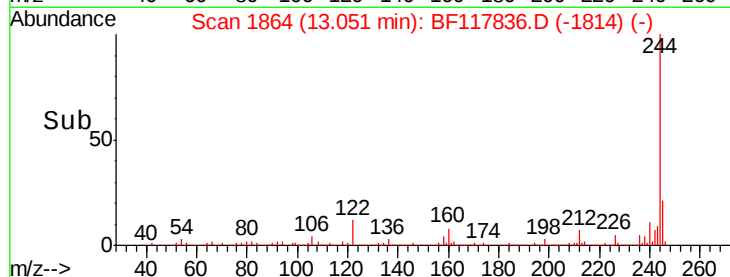
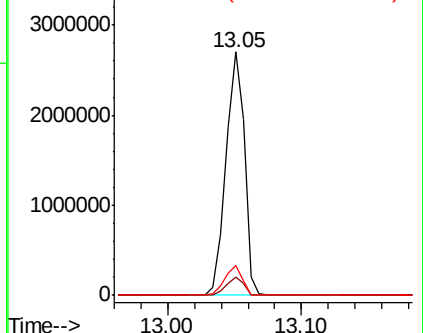
122 12.0 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

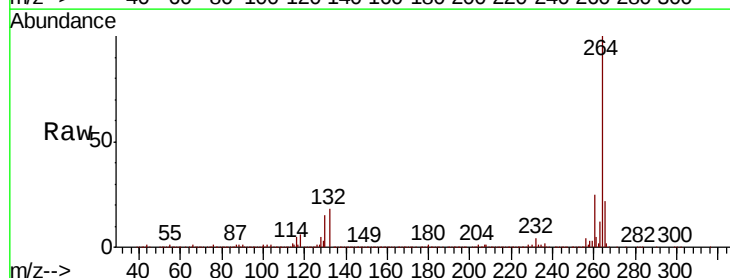
Tgt Ion:264 Resp: 754543

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.2 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

