

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117030.D
 Acq On : 13 Sep 2019 18:52
 Operator : HP/JU
 Sample : K4851-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)

Quant Time: Sep 14 00:48:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

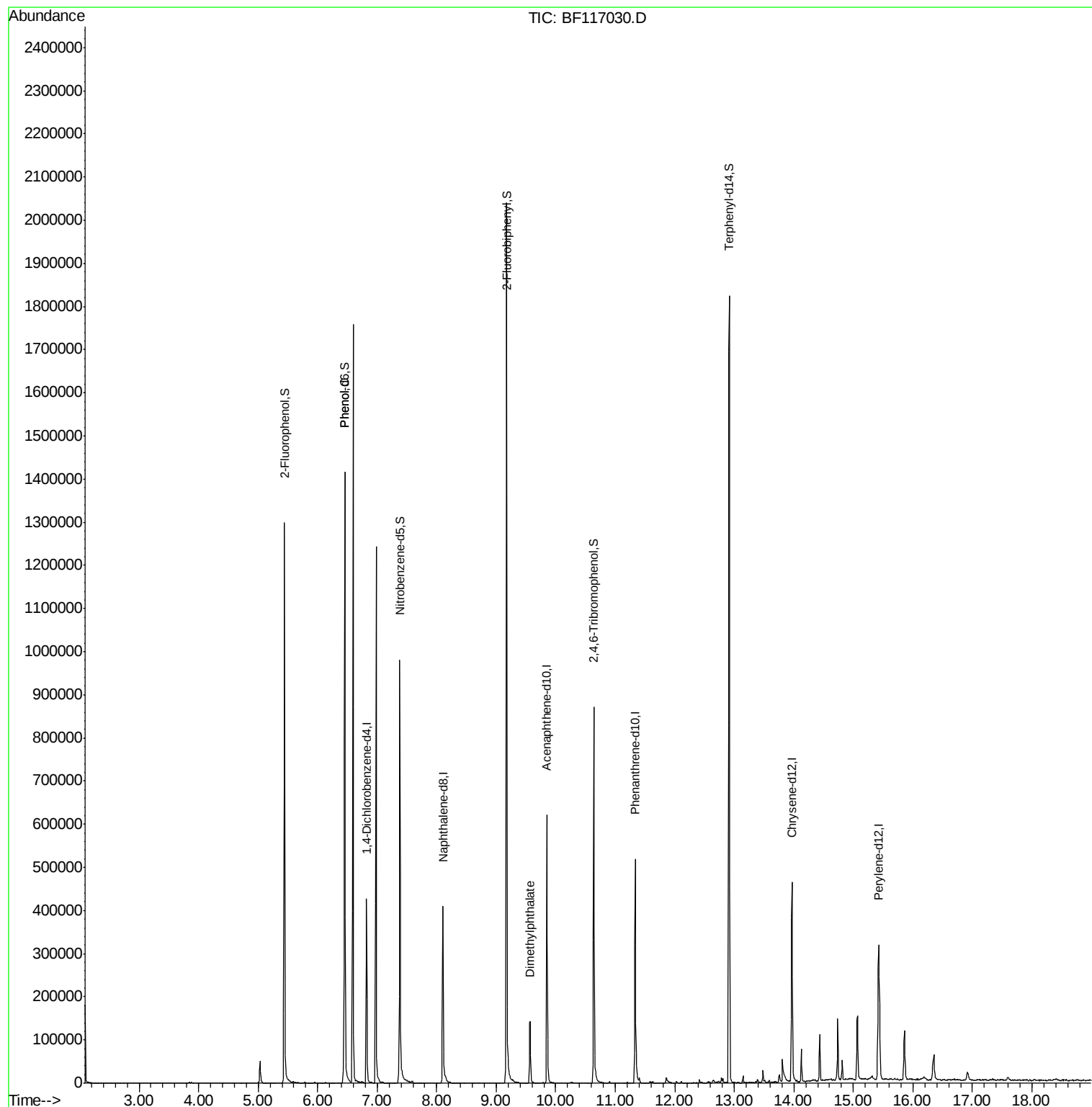
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64503	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	255719	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	132970	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	224365	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173202	20.00	ng	0.00
87) Perylene-d12	15.42	264	151574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	393059	95.14	ng	0.00
7) Phenol-d6	6.46	99	579209	108.48	ng	0.00
23) Nitrobenzene-d5	7.38	82	369425	75.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	115402	103.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	638926	75.13	ng	0.00
79) Terphenyl-d14	12.92	244	633702	68.39	ng	0.00
Target Compounds						
10) Phenol	6.46	94	25640	4.356	ng	98
50) Dimethylphthalate	9.57	163	77546	8.236	ng	# 98

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

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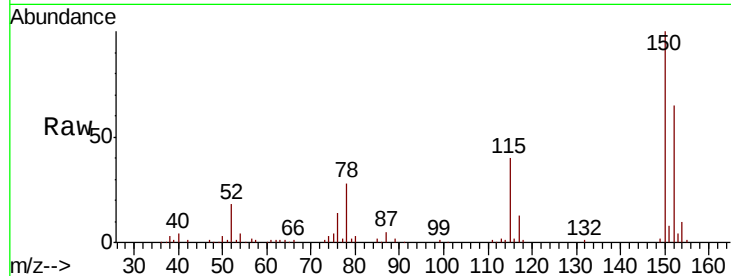


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.5	191.3
115	61.6	55.0	82.4

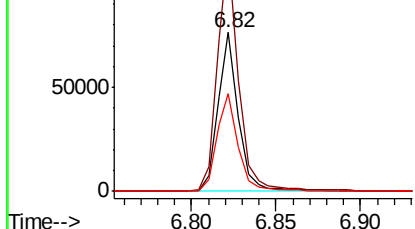
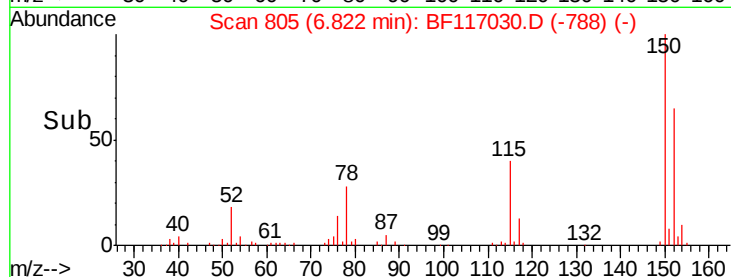


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

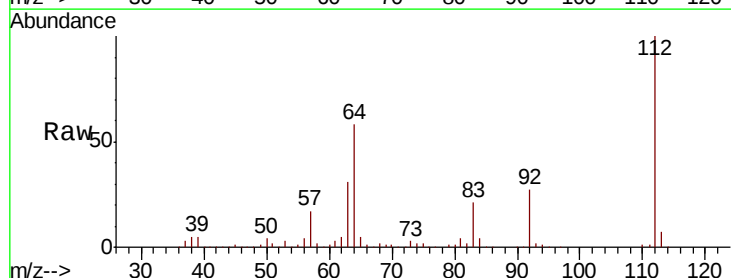
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 95.137 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.7	68.5
63	31.1	24.9	37.3

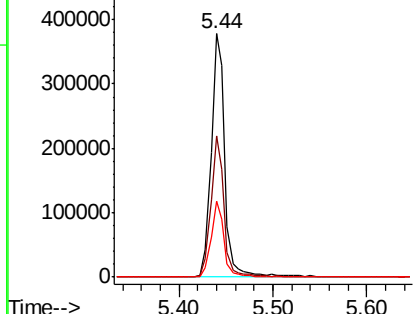
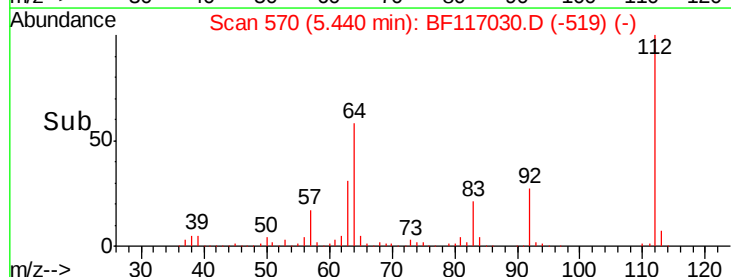


Abundance

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: 108.478 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Instrument :

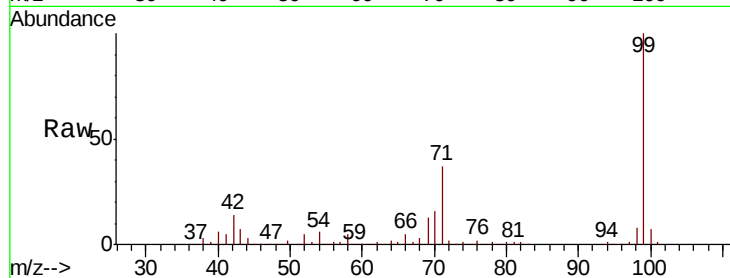
BNA_F

ClientSampleId :

SB-3C-(9-10)

Tot Ion: 99 Resp: 579209

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	36.7	29.8	44.8

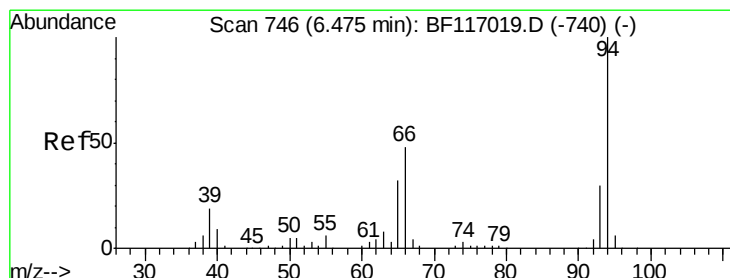
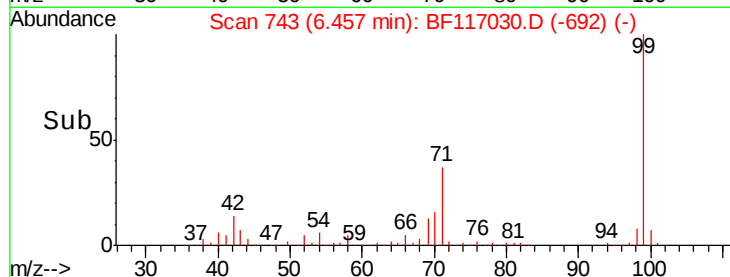
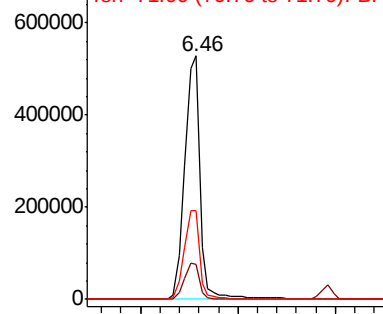


Abundance

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: 4.356 ng

RT: 6.46 min Scan# 744

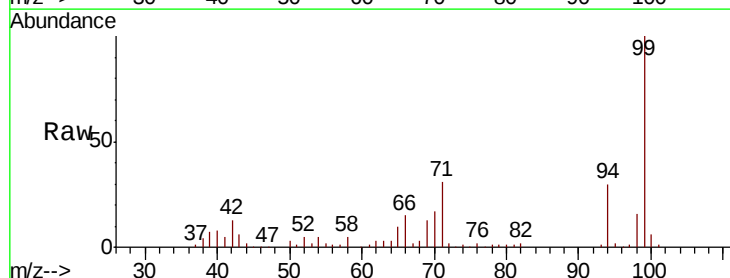
Delta R.T. -0.01 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Tgt Ion: 94 Resp: 25640

Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.5	52.5
66	51.0	28.9	68.9

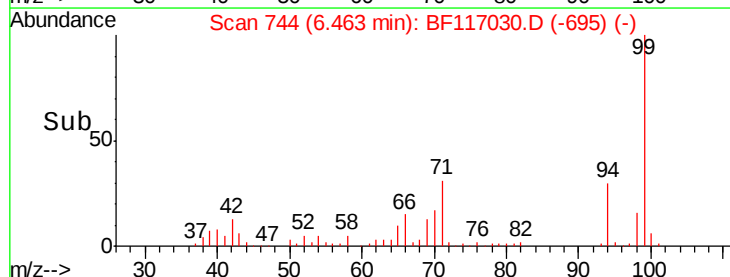
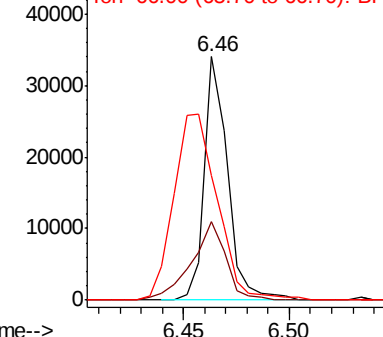


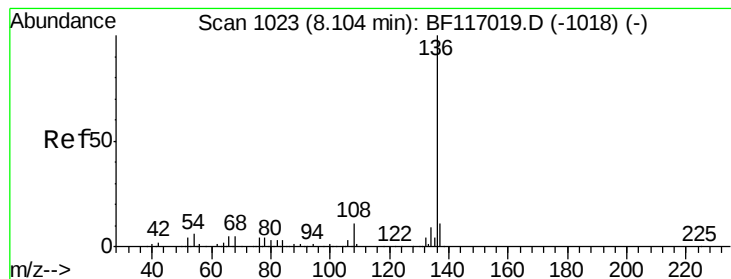
Abundance

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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3C-(9-10)

Tot Ion:136 Resp: 255719

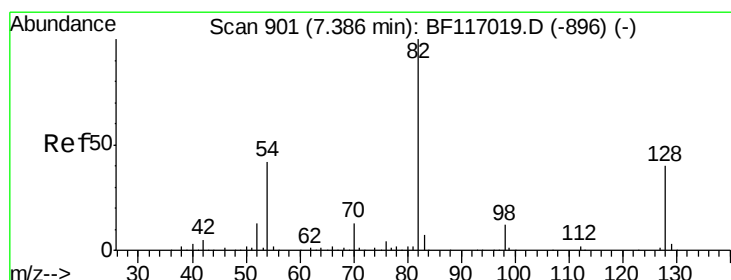
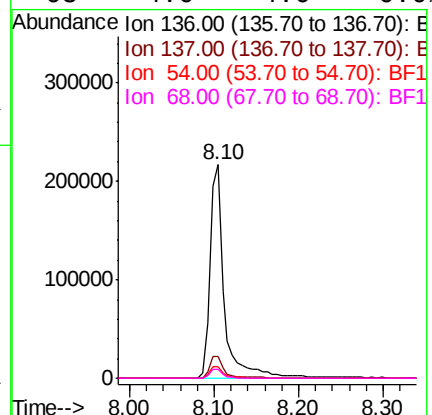
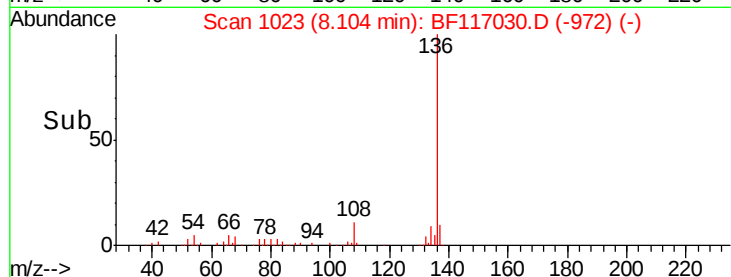
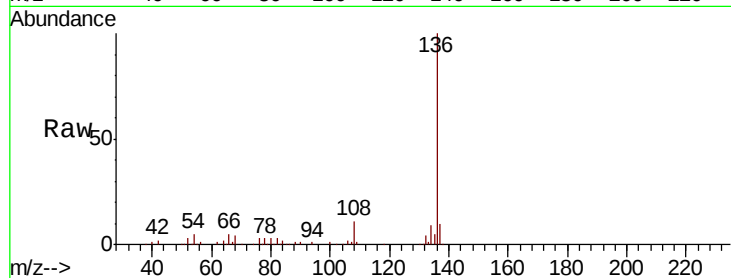
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.2 4.5 6.7

68 4.0 4.0 6.0#



#23

Nitrobenzene-d5

Concen: 75.906 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

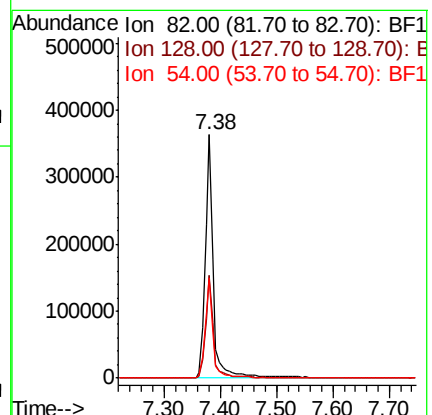
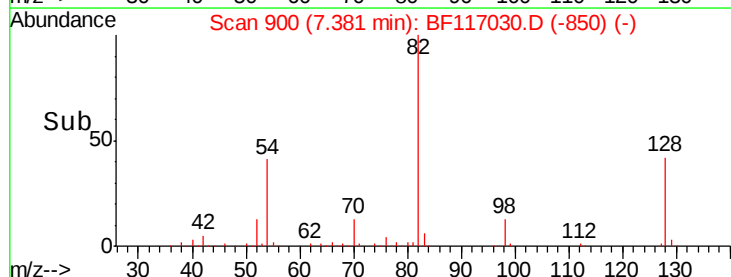
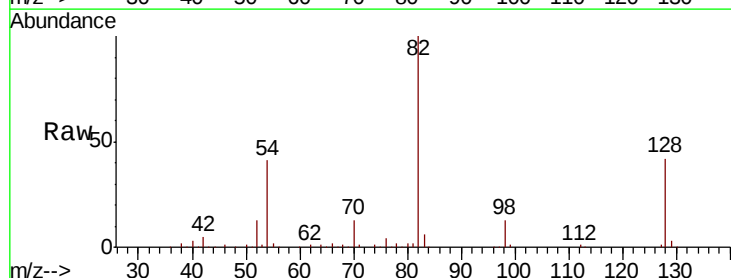
Tgt Ion: 82 Resp: 369425

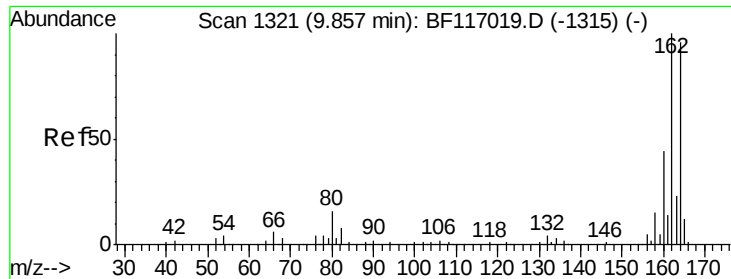
Ion Ratio Lower Upper

82 100

128 42.2 32.3 48.5

54 41.3 33.3 49.9

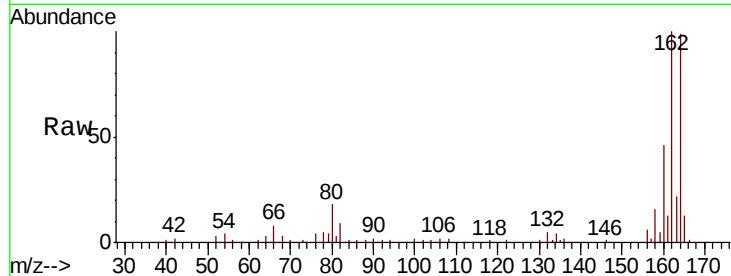




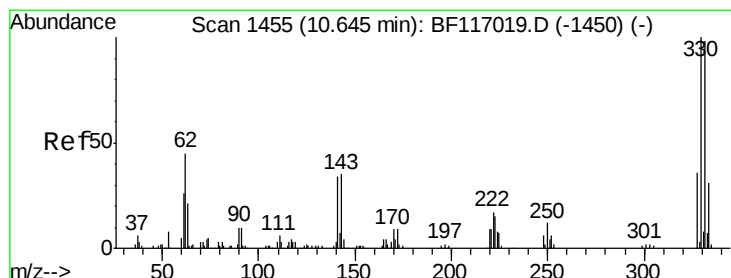
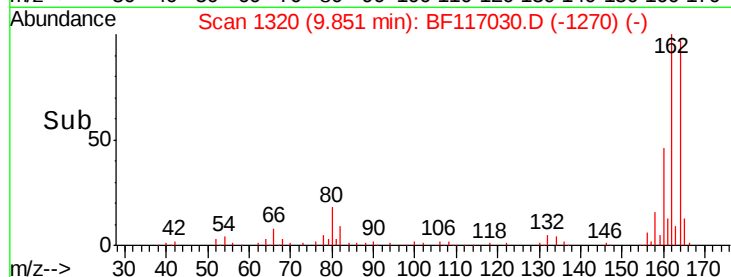
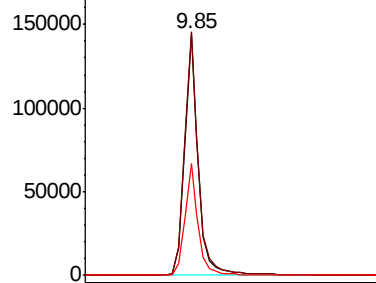
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)

Tot Ion:164 Resp: 132970
Ion Ratio Lower Upper
164 100
162 100.9 83.4 125.2
160 46.1 36.4 54.6

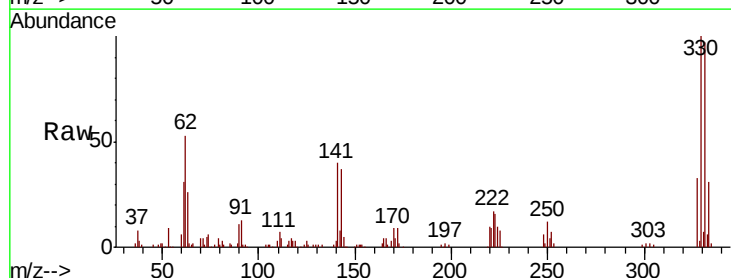


Abundance Ion 164.00 (163.70 to 164.70): E
200000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

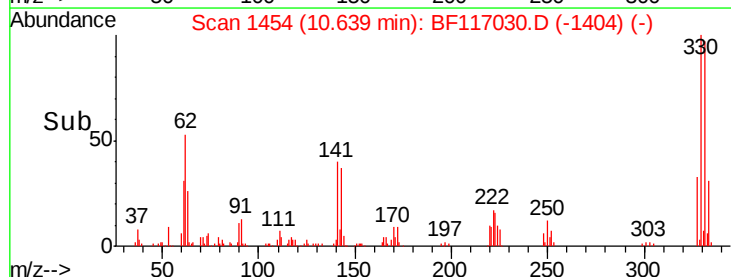
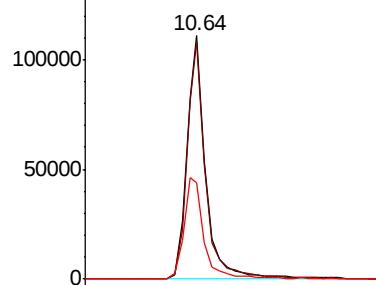


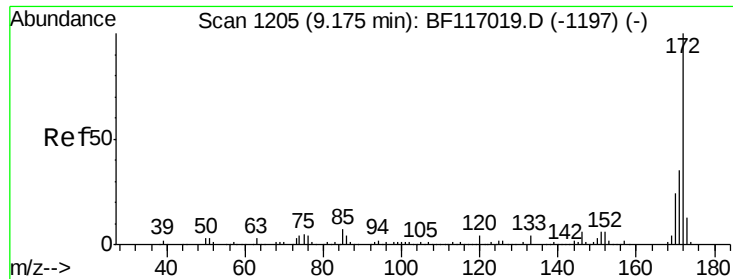
#42
2,4,6-Tribromophenol
Concen: 103.842 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion:330 Resp: 115402
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 45.0 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E
150000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

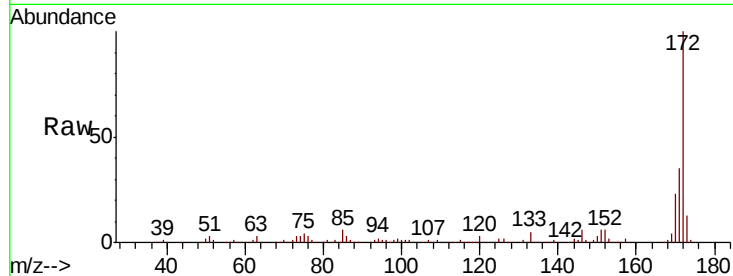




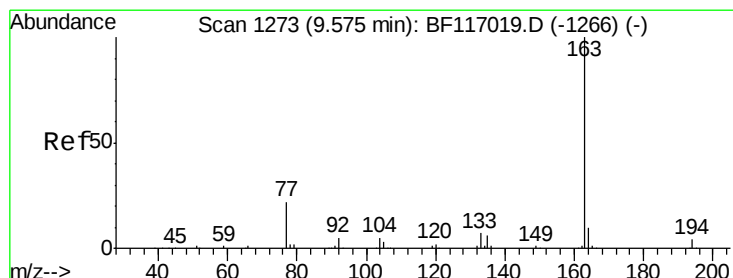
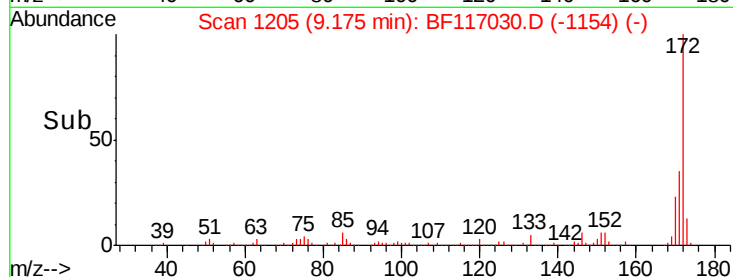
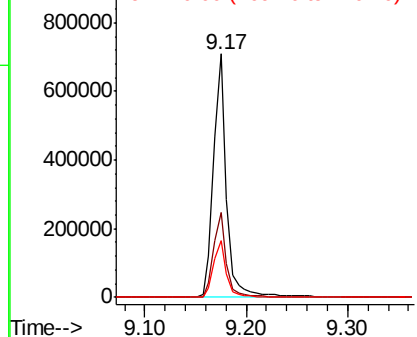
#45
2-Fluorobiphenyl
Concen: 75.130 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)

Tot Ion:172 Resp: 638926
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.4 18.9 28.3

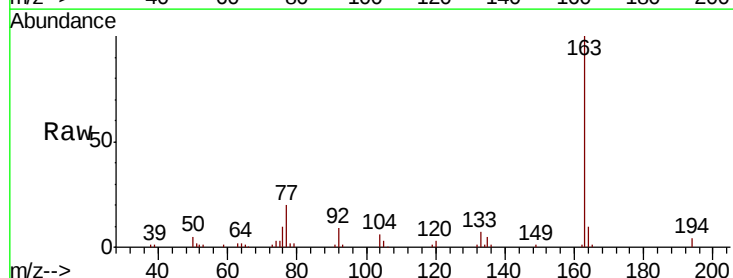


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

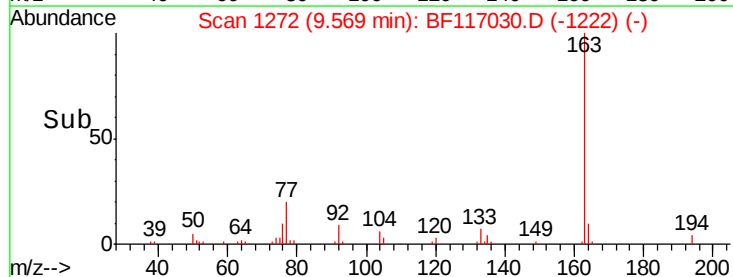
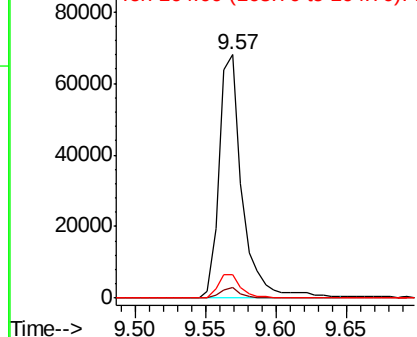


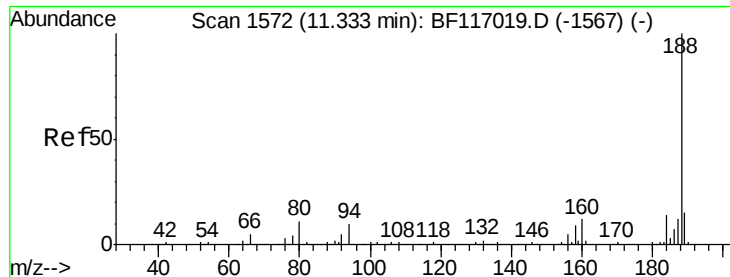
#50
Dimethylphthalate
Concen: 8.236 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion:163 Resp: 77546
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 9.5 8.2 12.4



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

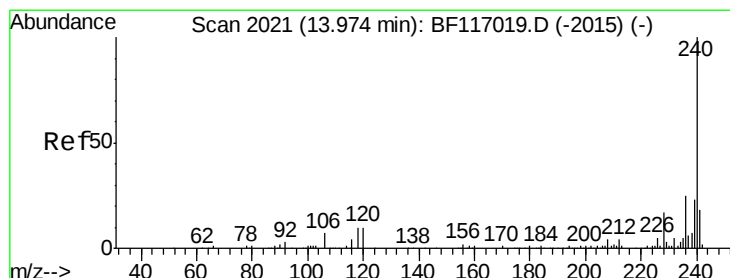
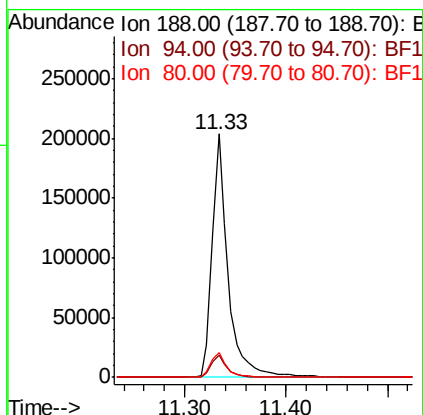
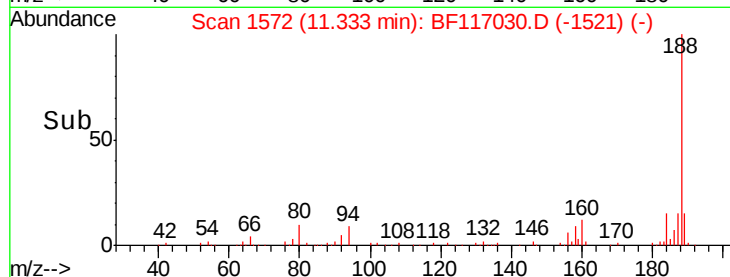
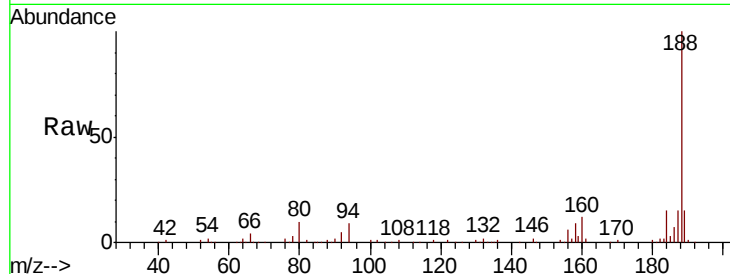




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

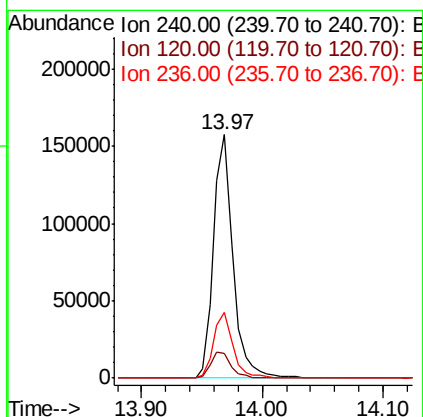
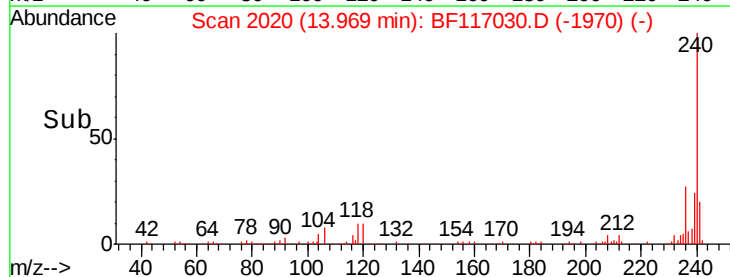
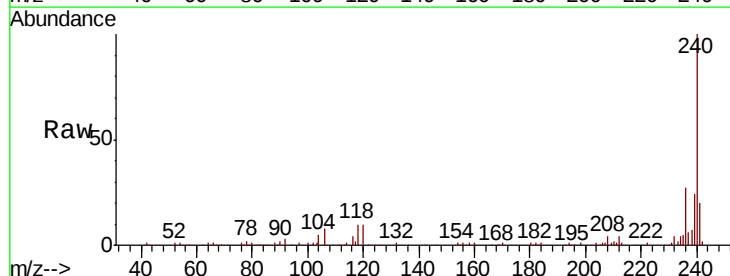
Instrument :
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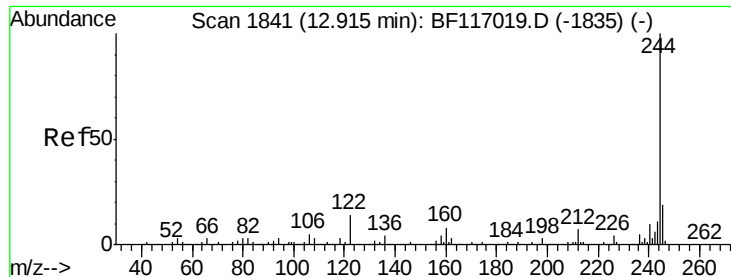
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.2	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.8	20.3	30.5

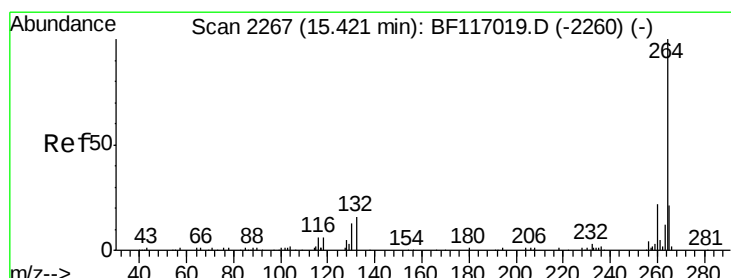
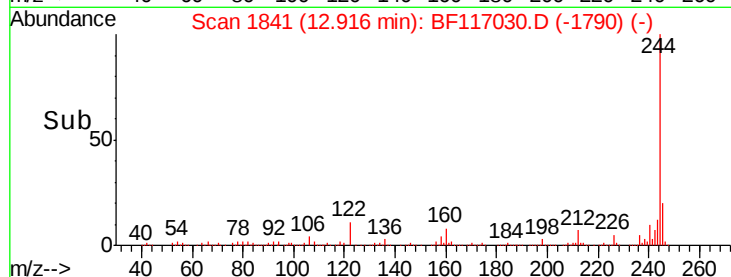
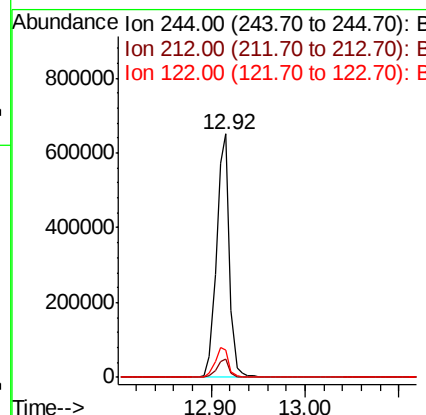
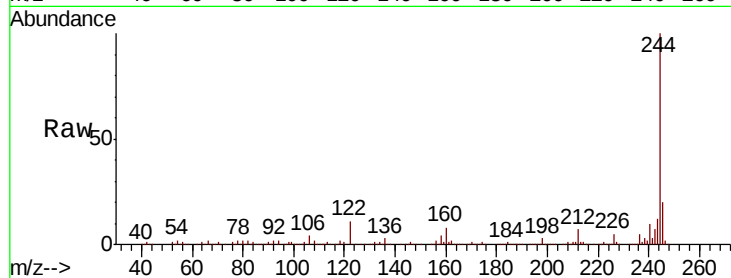




#79
 Terphenyl-d14
 Concen: 68.390 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)

Tot Ion:244 Resp: 633702
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.4 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Tgt Ion:264 Resp: 151574
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.6 26.4
 265 21.8 16.6 24.8

