

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117089.D
 Acq On : 17 Sep 2019 4:11
 Operator : HP/JU
 Sample : K4877-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-4

Quant Time: Sep 17 08:18:52 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

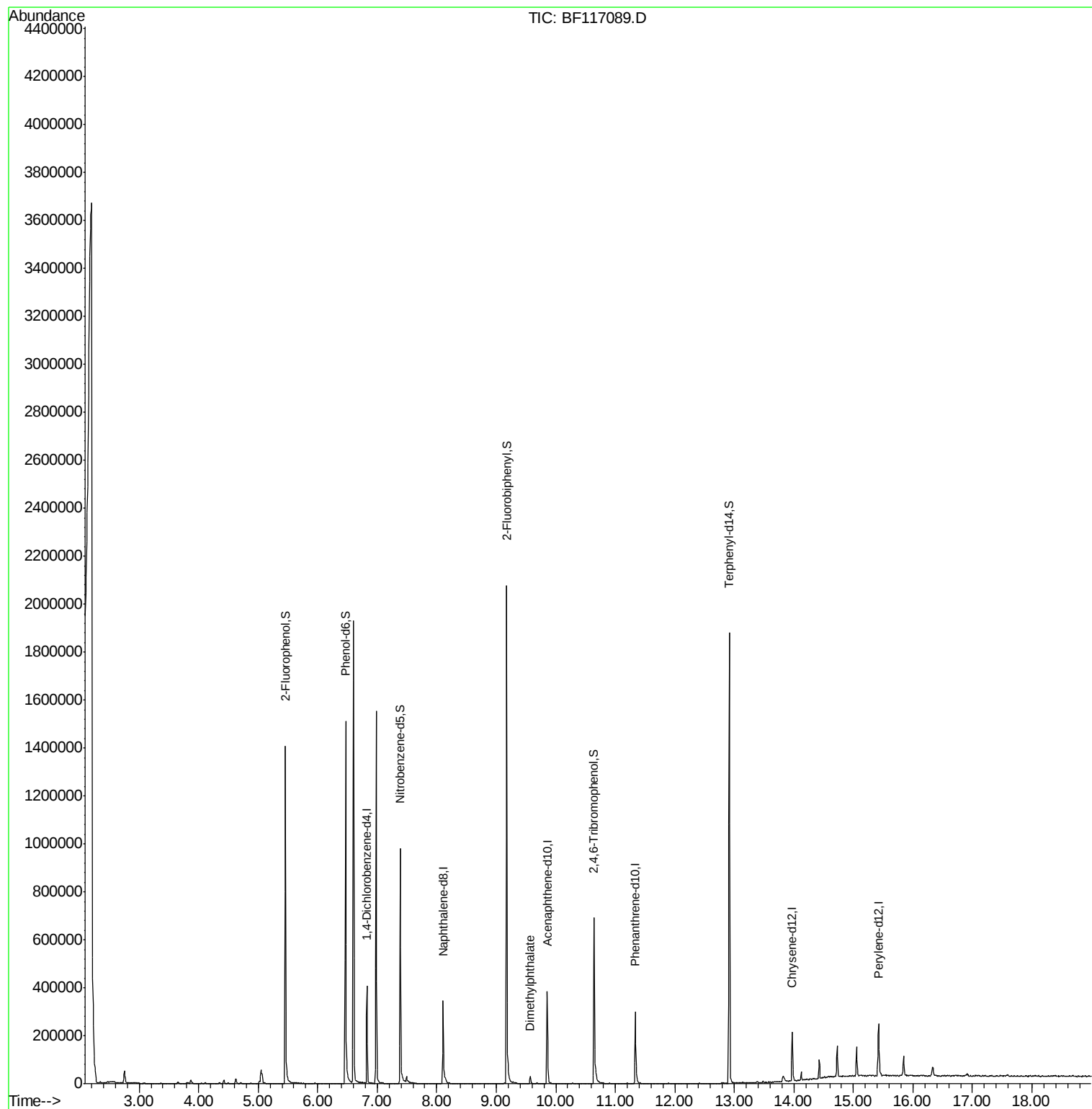
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58270	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	224644	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	101008	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	151350	20.00	ng	0.00
76) Chrysene-d12	13.97	240	85705	20.00	ng	0.00
87) Perylene-d12	15.42	264	64958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	452410	121.22	ng	0.02
7) Phenol-d6	6.47	99	545935	113.18	ng	0.01
23) Nitrobenzene-d5	7.39	82	364421	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	103304	122.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	693071	107.29	ng	0.00
79) Terphenyl-d14	12.92	244	580013	126.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	18225	2.548	ng	Qvalue 97

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

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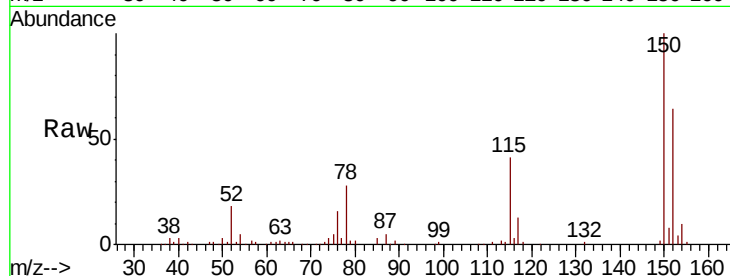


#1

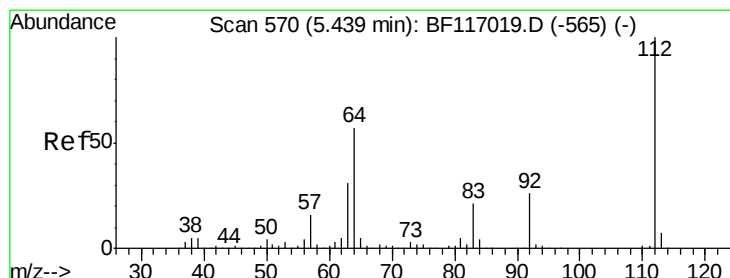
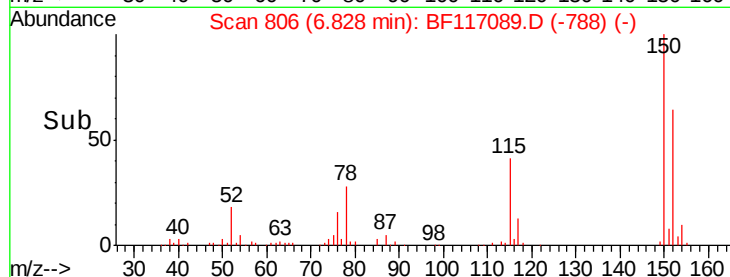
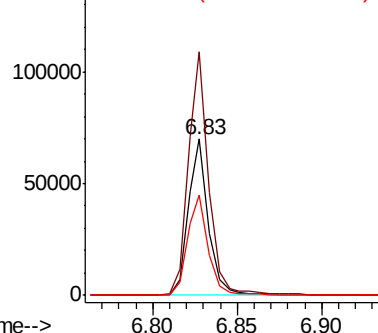
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampled :
CSA-2-4

Tot Ion:152 Resp: 58270
Ion Ratio Lower Upper
152 100
150 155.8 127.5 191.3
115 64.3 55.0 82.4



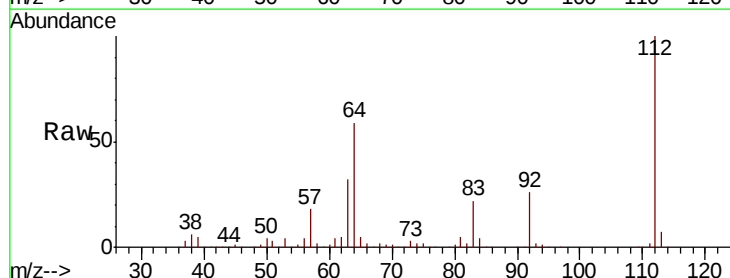
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



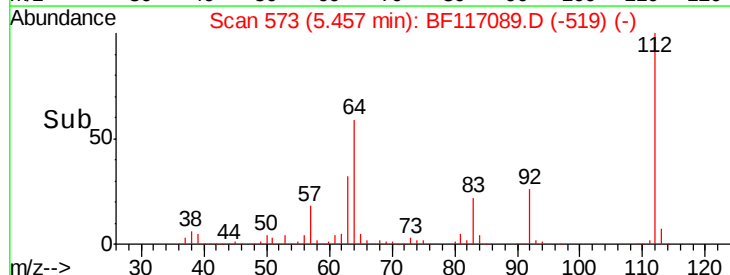
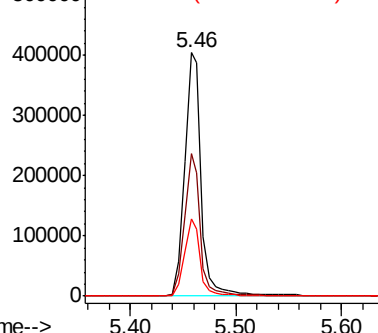
#5

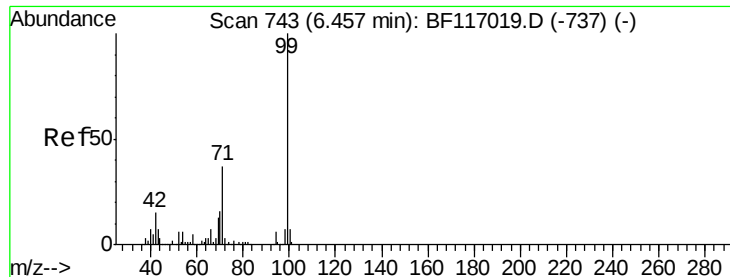
2-Fluorophenol
Concen: 121.216 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:112 Resp: 452410
Ion Ratio Lower Upper
112 100
64 58.5 45.7 68.5
63 31.8 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: 113.184 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117089.D

Acq: 17 Sep 2019 4:11

Instrument :

BNA_F

ClientSampleId :

CSA-2-4

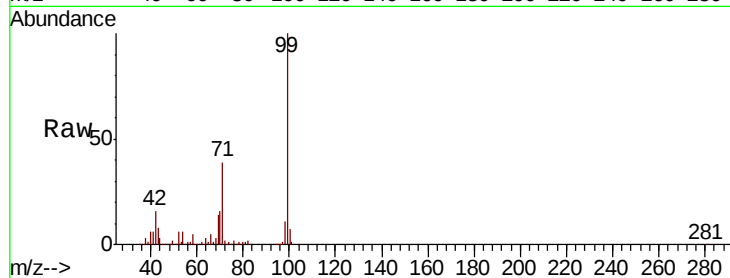
Tot Ion: 99 Resp: 545935

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

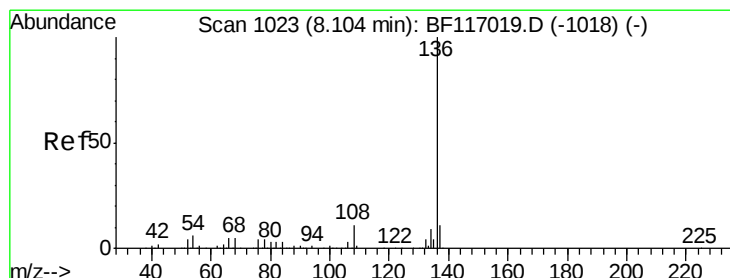
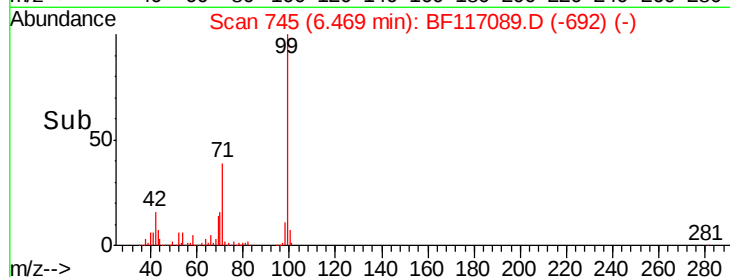
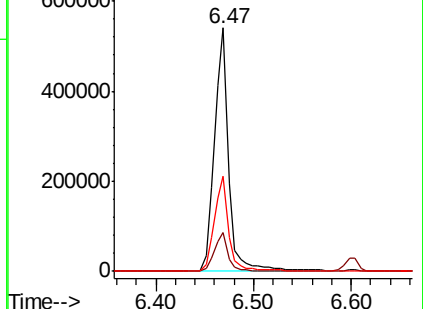
71 39.1 29.8 44.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117089.D

Acq: 17 Sep 2019 4:11

Tgt Ion: 136 Resp: 224644

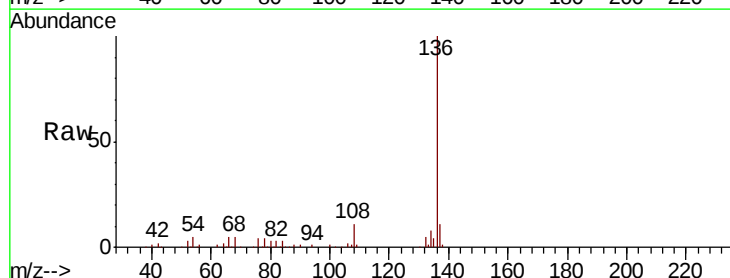
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.3 4.5 6.7

68 4.8 4.0 6.0

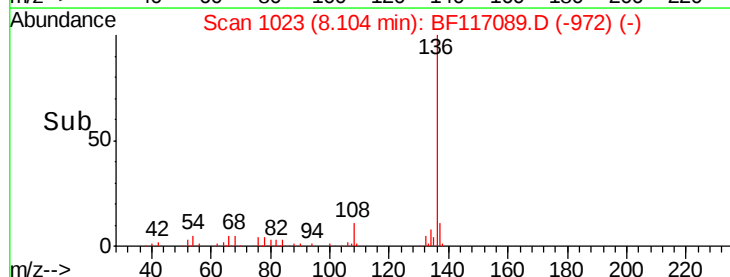
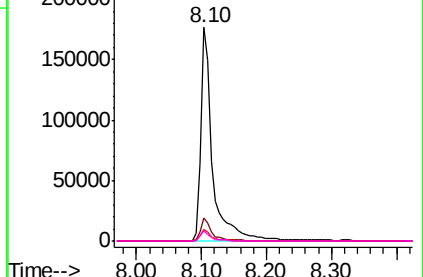


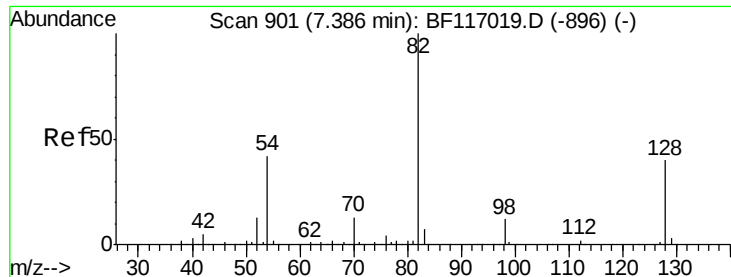
Abundance Ion 136.00 (135.70 to 136.70): E

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

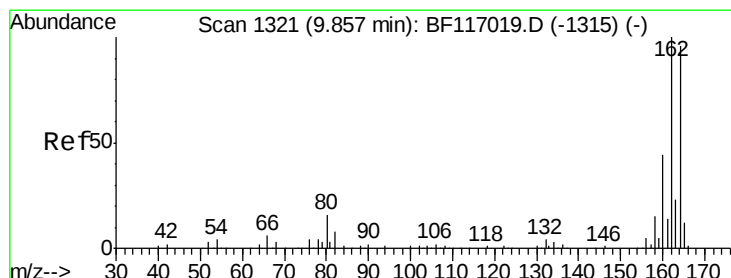
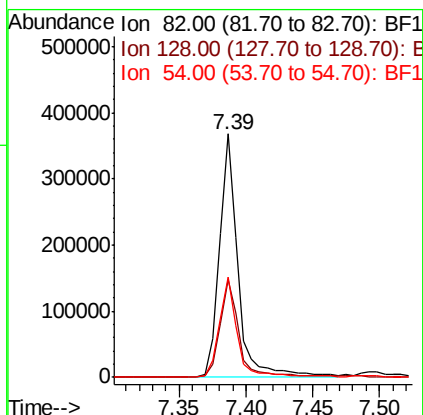
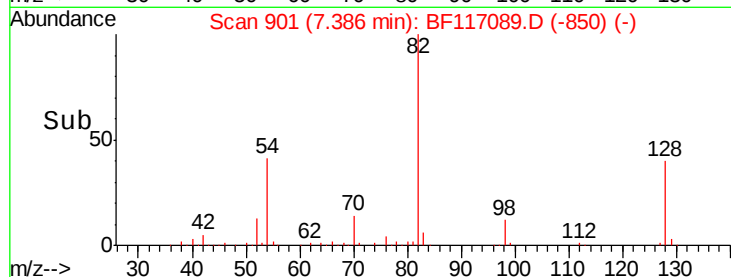
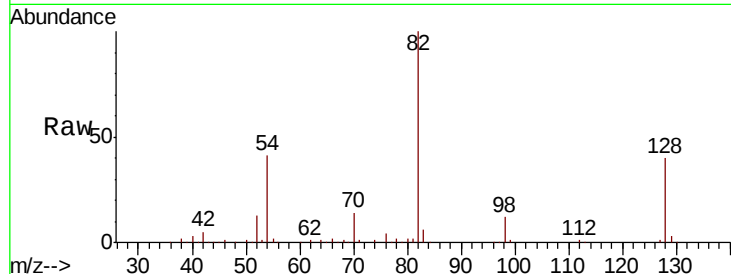




#23
 Nitrobenzene-d5
 Concen: 85.235 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

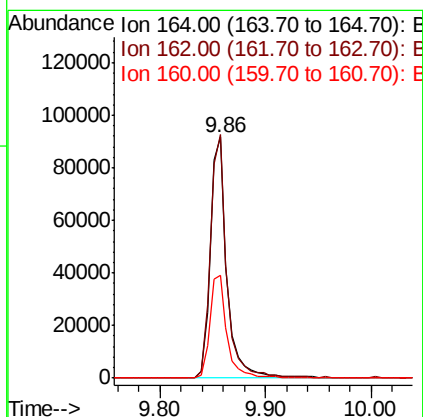
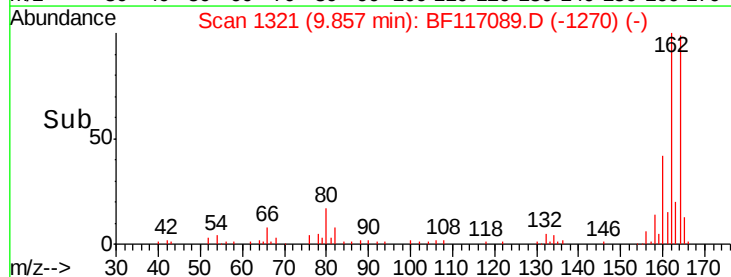
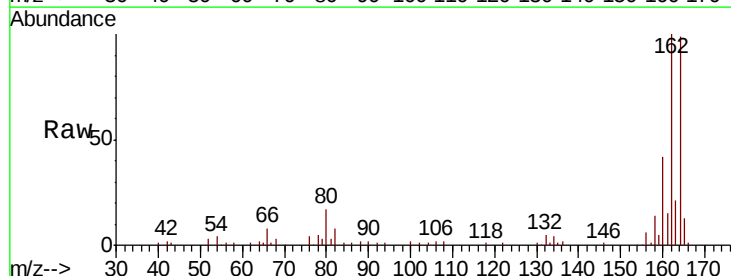
Instrument :
 BNA_F
 ClientSampled :
 CSA-2-4

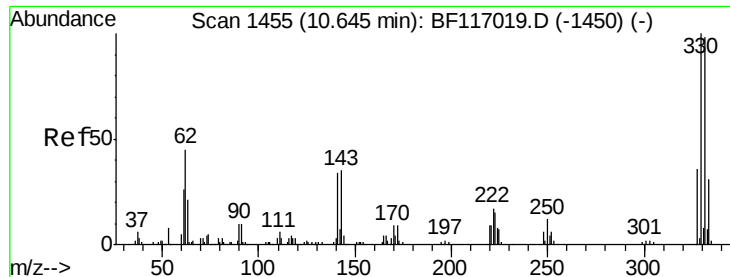
Tot Ion	82	Resp	364421
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.3	48.5
54	41.1	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

Tgt Ion	164	Resp	101008
Ion Ratio	Lower	Upper	
164	100		
162	101.2	83.4	125.2
160	42.8	36.4	54.6

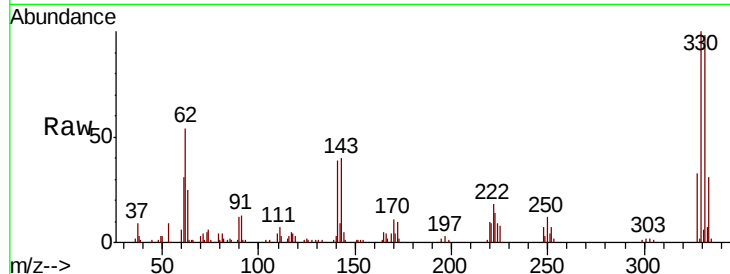




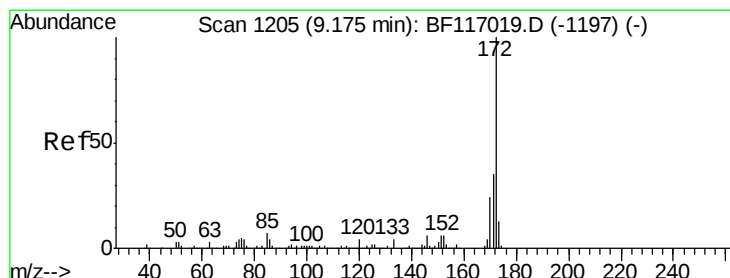
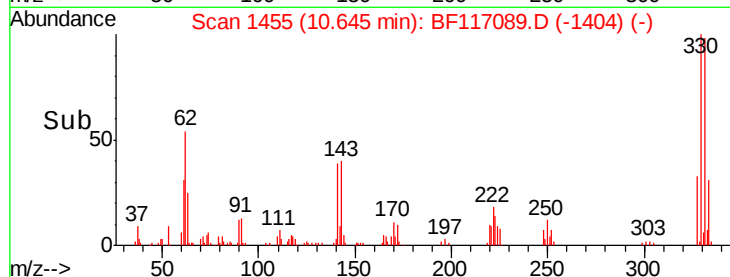
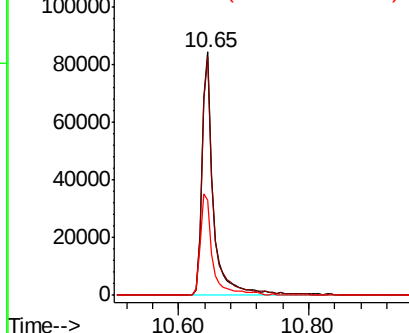
#42
 2,4,6-Tribromophenol
 Concen: 122.370 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

Instrument :
 BNA_F
 ClientSampled :
 CSA-2-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	44.3	35.8	53.6

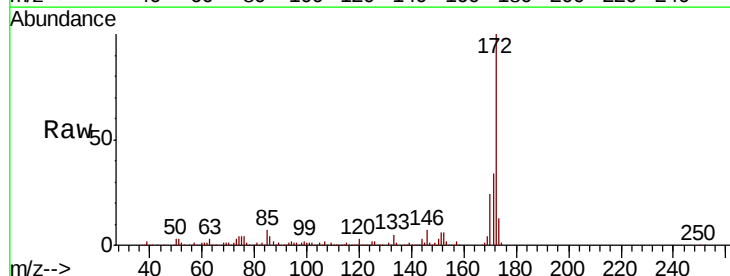


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

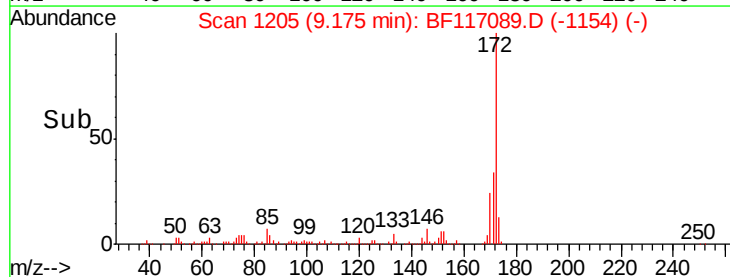
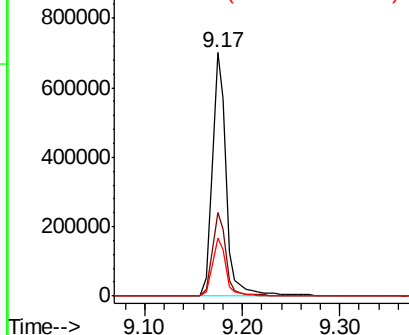


#45
 2-Fluorobiphenyl
 Concen: 107.285 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	23.7	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

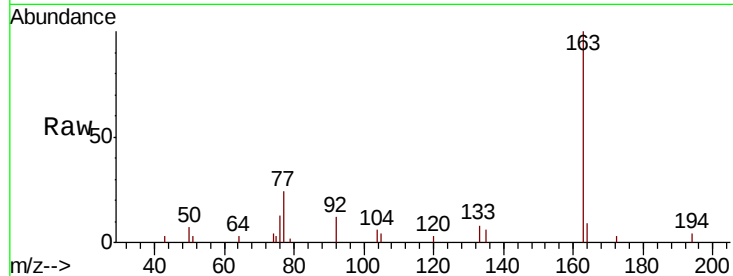




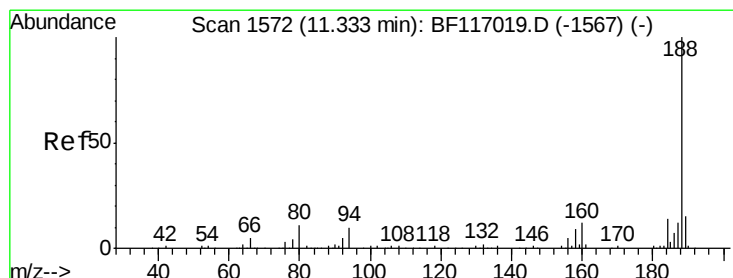
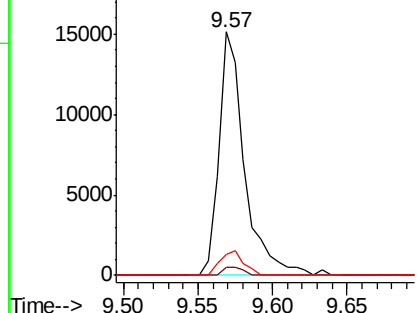
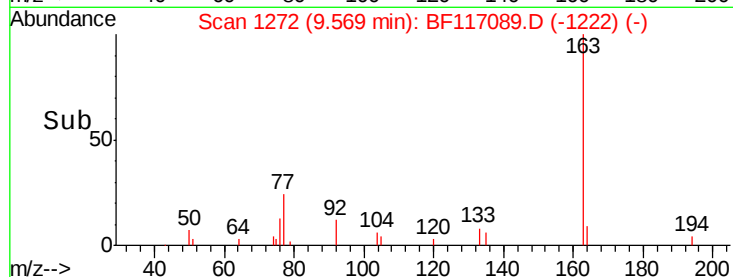
#50
Dimethylphthalate
Concen: 2.548 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :
CSA-2-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	8.8	8.2	12.4

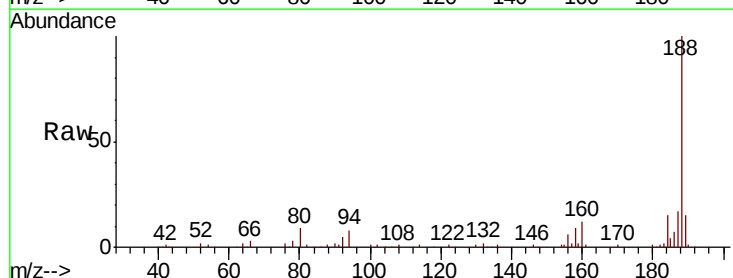


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

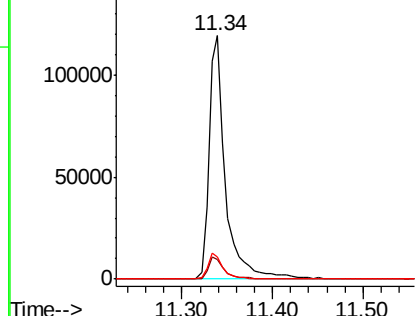
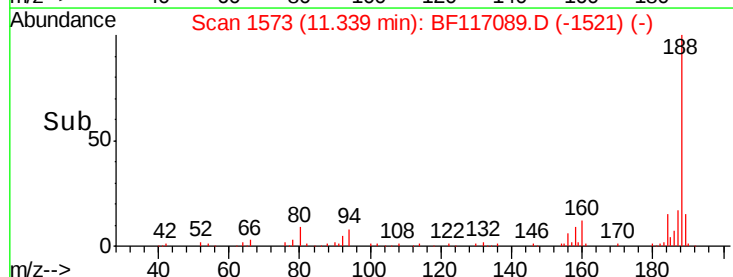


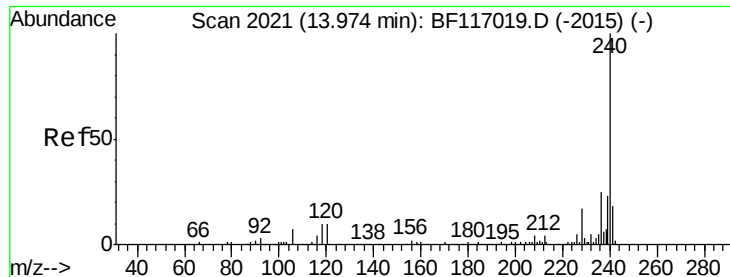
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.9	9.0	13.6#



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

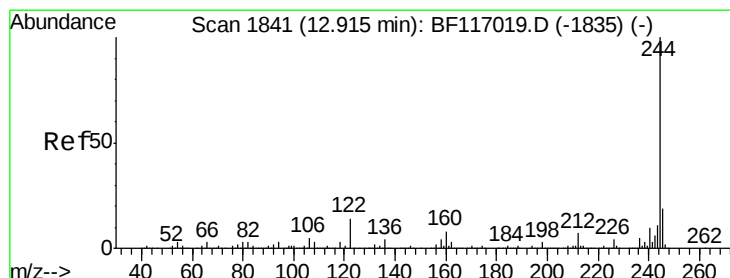
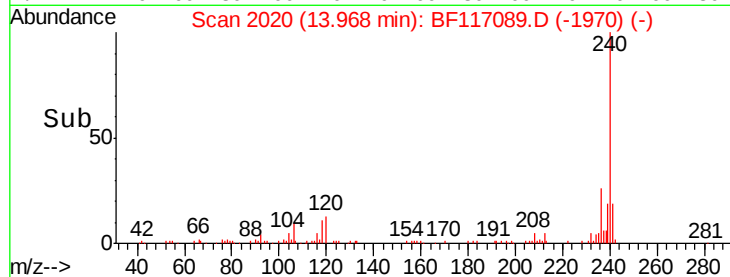
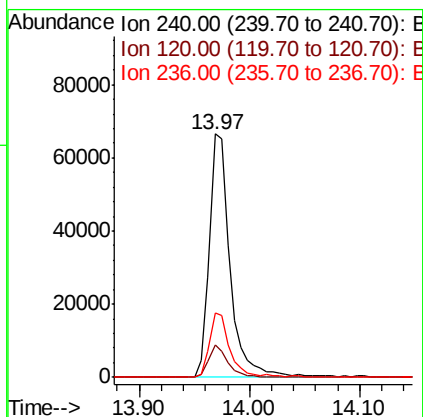
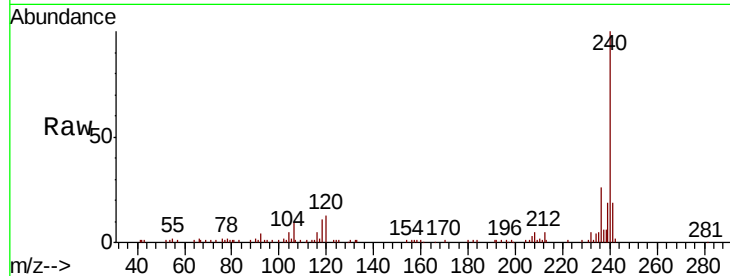




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

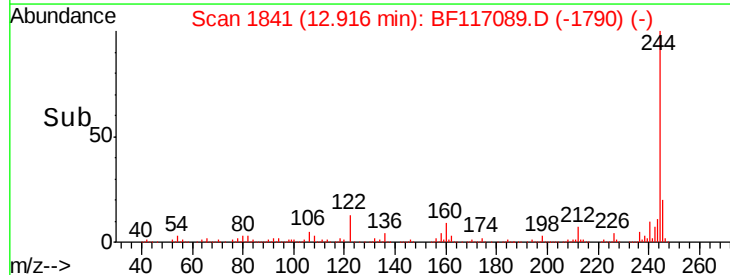
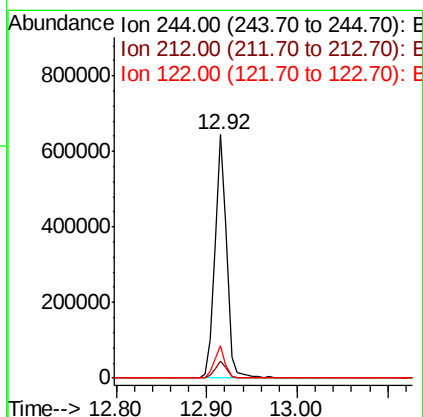
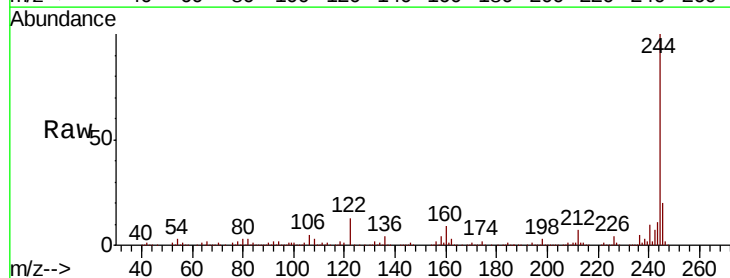
Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-4

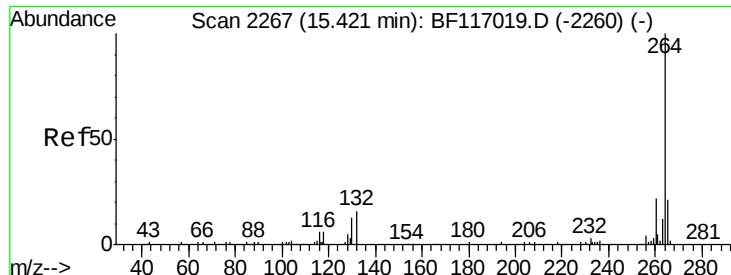
Tot Ion:240 Resp: 85705
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.3 12.5#
 236 26.4 20.3 30.5



#79
 Terphenyl-d14
 Concen: 126.501 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

Tgt Ion:244 Resp: 580013
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.3 11.3 16.9

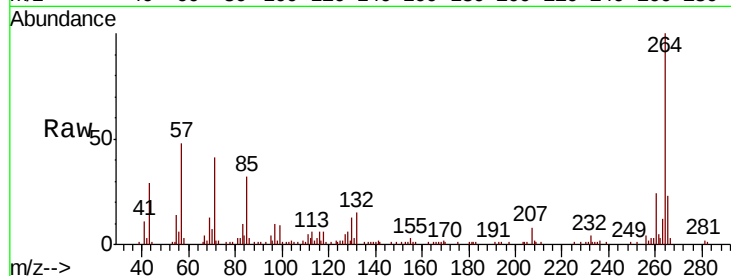




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117089.D
 Acq: 17 Sep 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	23.2	16.6	24.8



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

