

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117426.D
 Acq On : 17 Oct 2019 17:03
 Operator : JU
 Sample : PB124065TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124065TB

Quant Time: Oct 18 04:52:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	53667	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	220855	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	115462	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	189831	20.00	ng	0.00
76) Chrysene-d12	13.96	240	146177	20.00	ng	0.00
87) Perylene-d12	15.42	264	134848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	342450	98.18	ng	0.01
7) Phenol-d6	6.44	99	414444	89.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	329013	75.51	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	100531	106.98	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	589147	74.39	ng	0.00
79) Terphenyl-d14	12.90	244	584553	65.19	ng	0.00

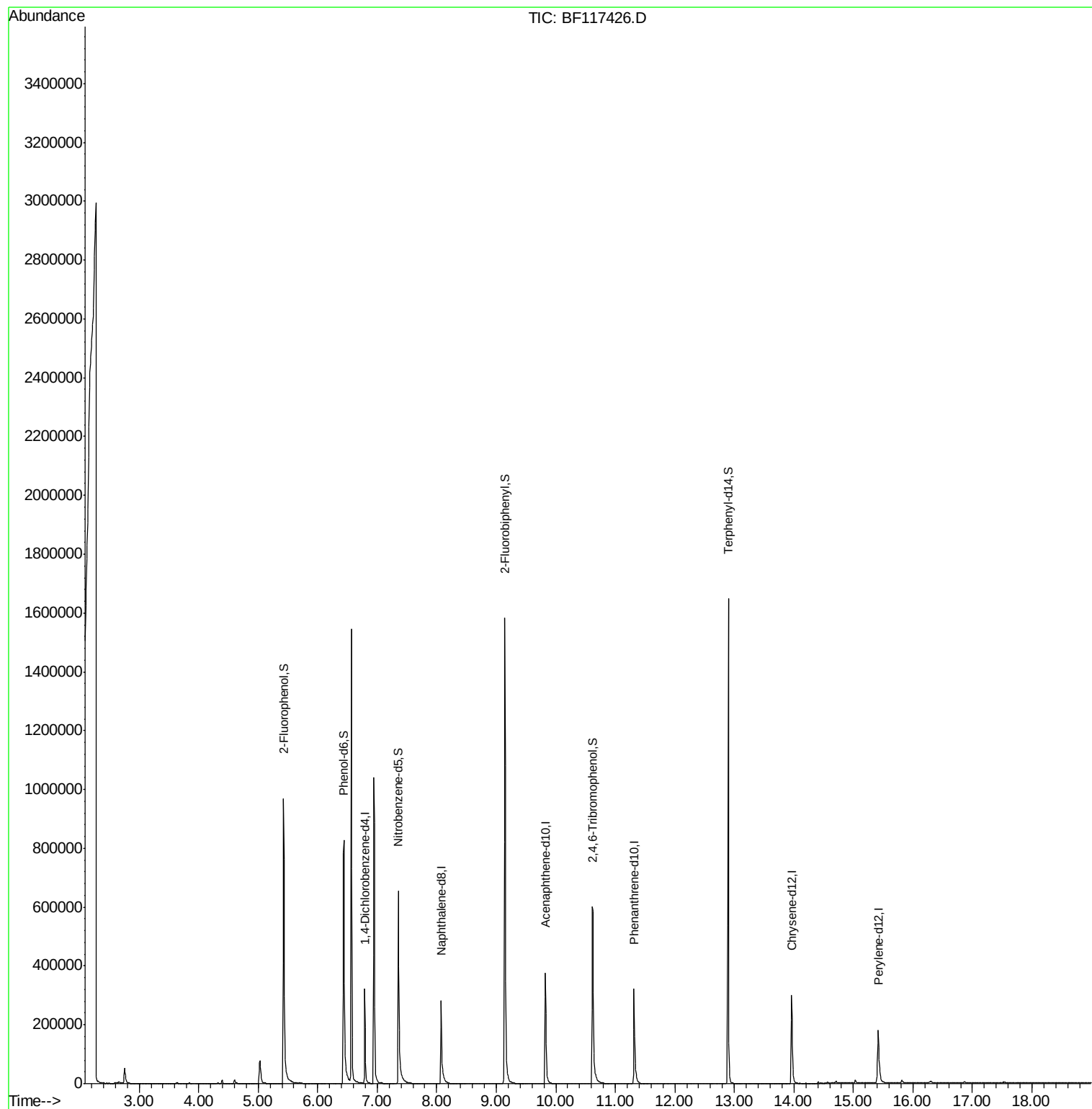
Target Compounds Qvalue

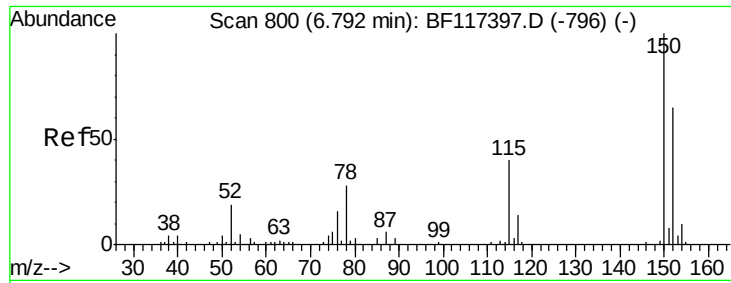
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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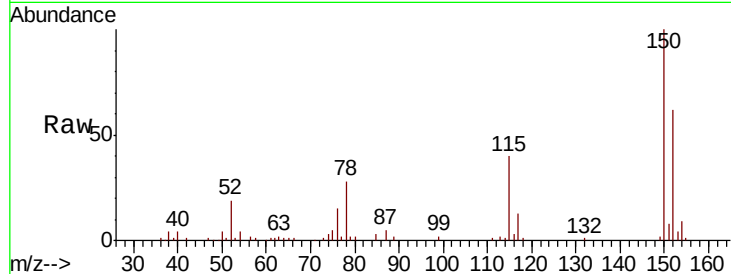


#1

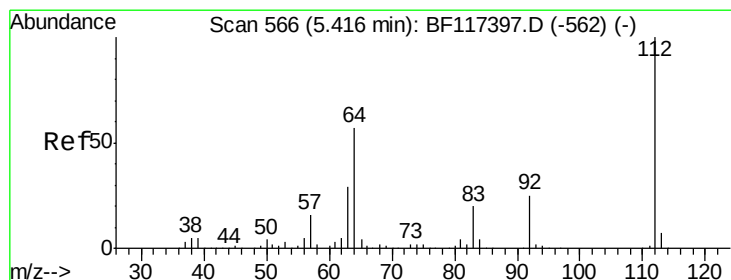
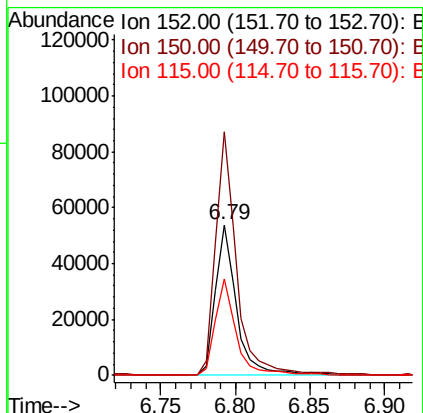
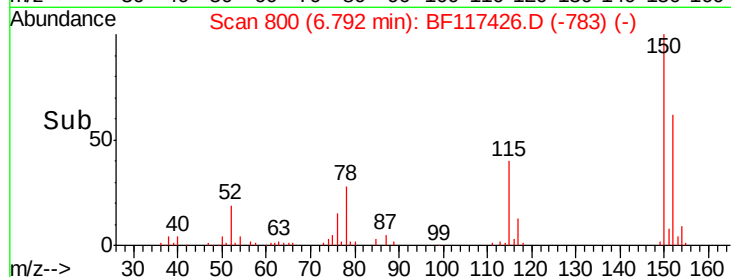
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117426.D
Acq: 17 Oct 2019 17:03

Instrument :
BNA_F
ClientSampleId :
PB124065TB

Tot Ion:152 Resp: 53667
Ion Ratio Lower Upper
152 100
150 162.0 122.7 184.1
115 64.2 48.6 73.0



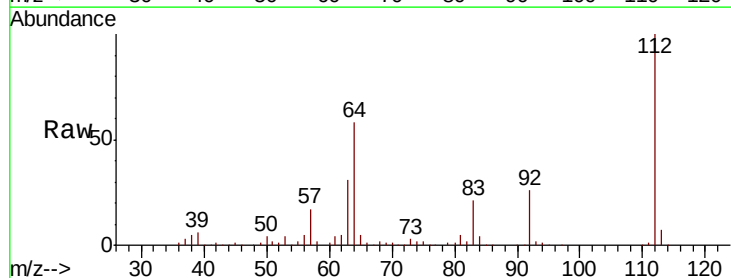
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



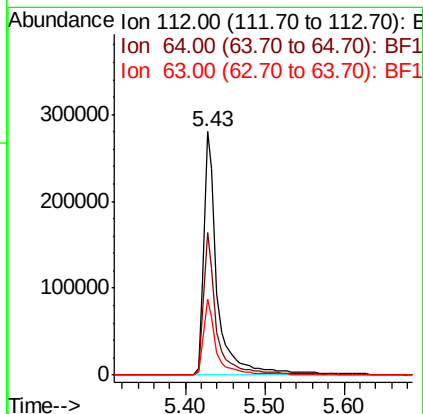
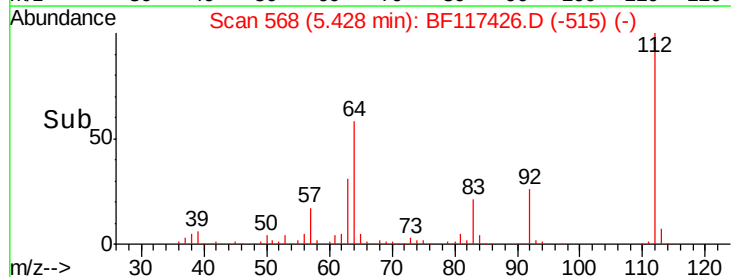
#5

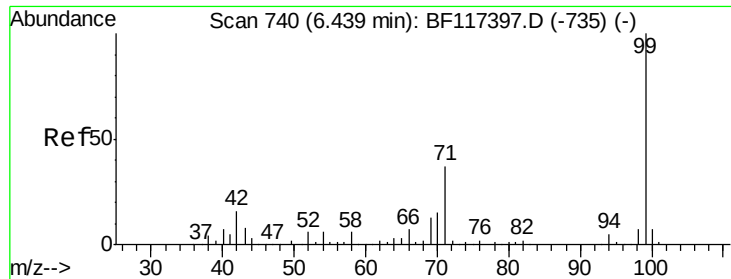
2-Fluorophenol
Concen: 98.180 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117426.D
Acq: 17 Oct 2019 17:03

Tgt Ion:112 Resp: 342450
Ion Ratio Lower Upper
112 100
64 58.4 45.2 67.8
63 31.0 23.4 35.2



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: 89.554 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117426.D

Acq: 17 Oct 2019 17:03

Instrument :

BNA_F

ClientSampleId :

PB124065TB

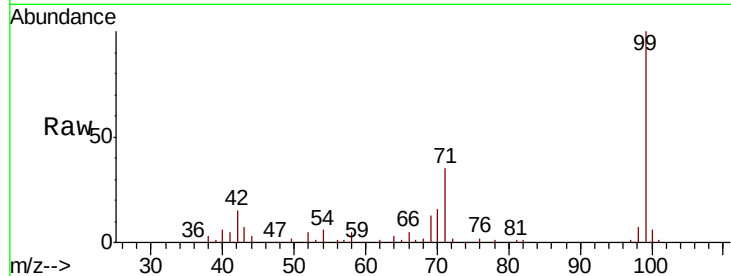
Tot Ion: 99 Resp: 414444

Ion Ratio Lower Upper

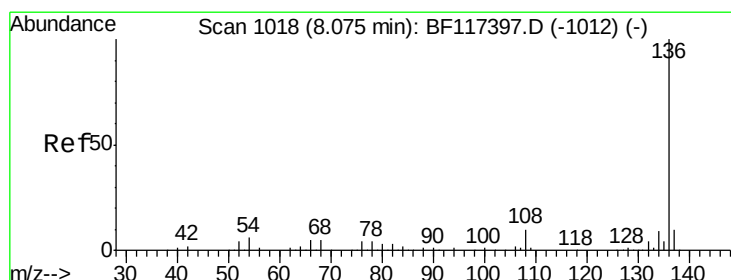
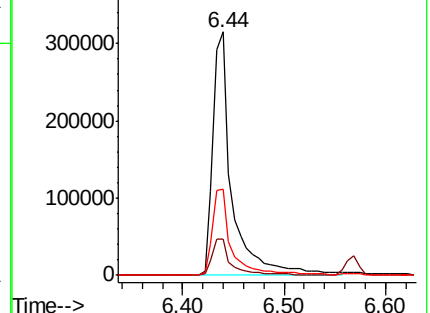
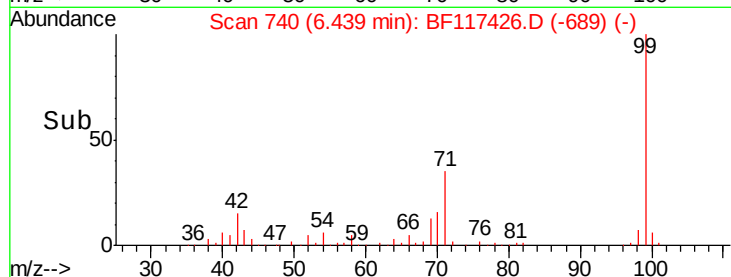
99 100

42 14.7 12.5 18.7

71 35.2 29.2 43.8



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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117426.D

Acq: 17 Oct 2019 17:03

Tgt Ion: 136 Resp: 220855

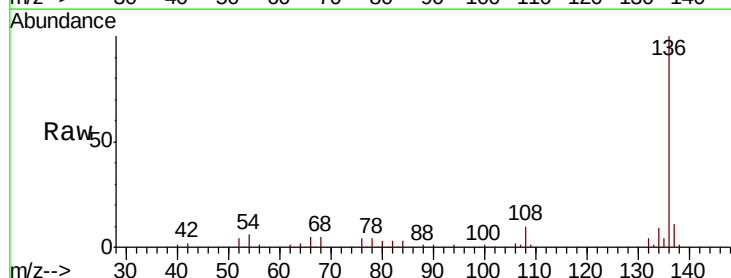
Ion Ratio Lower Upper

136 100

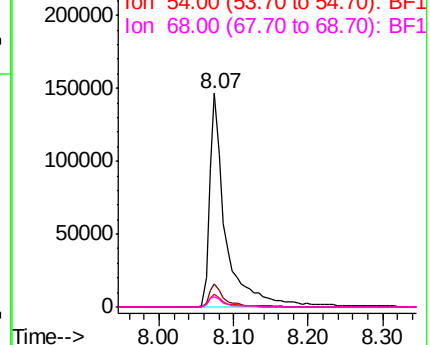
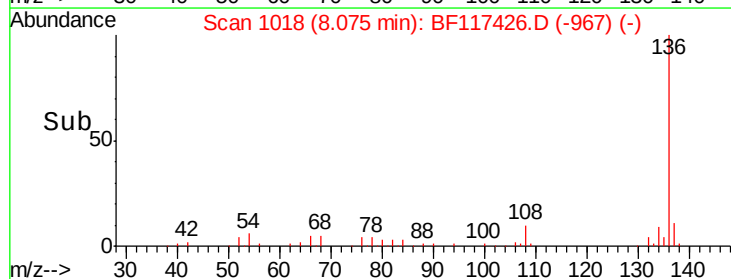
137 11.0 8.4 12.6

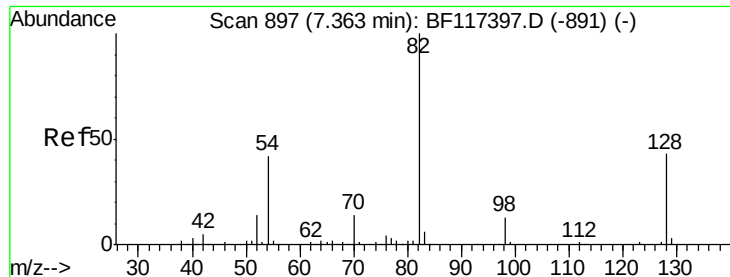
54 5.9 4.6 6.8

68 4.6 3.8 5.8



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

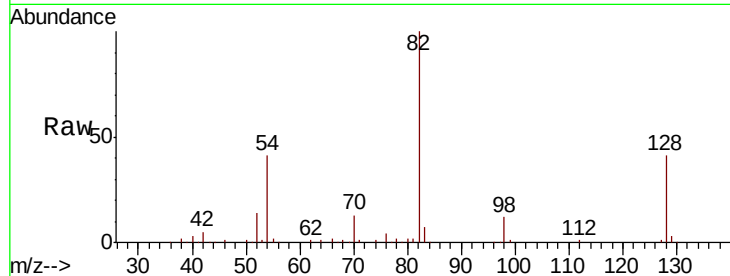




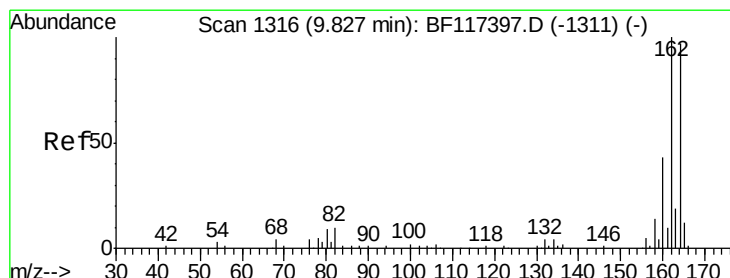
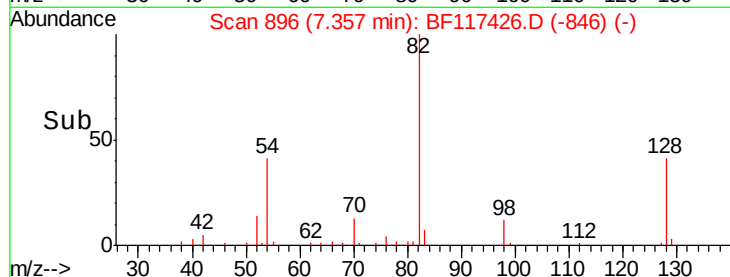
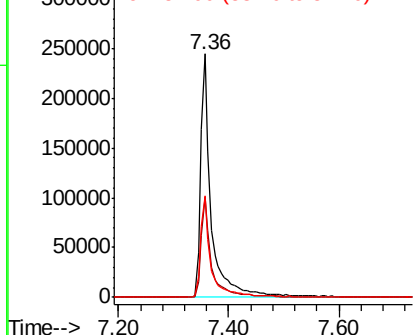
#23
Nitrobenzene-d5
Concen: 75.515 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117426.D
Acq: 17 Oct 2019 17:03

Instrument :
BNA_F
ClientSampleId :
PB124065TB

Tot Ion: 82 Resp: 329013
Ion Ratio Lower Upper
82 100
128 41.1 34.1 51.1
54 41.4 33.3 49.9

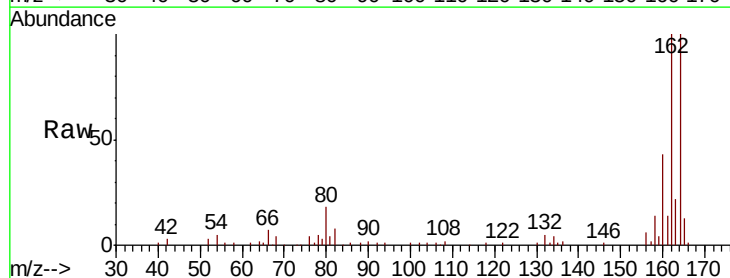


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

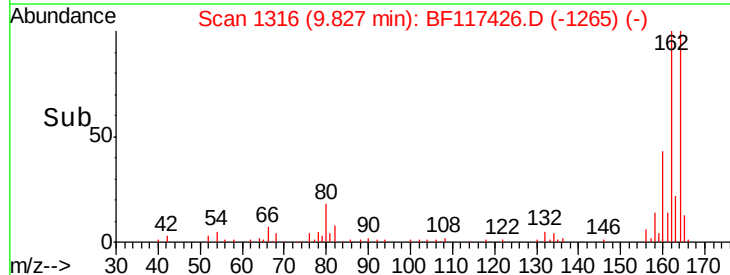
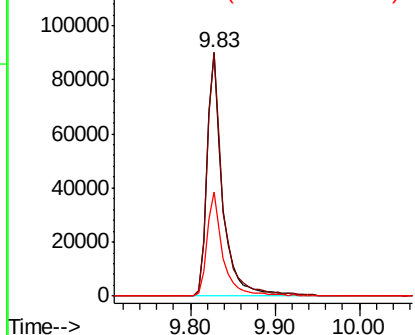


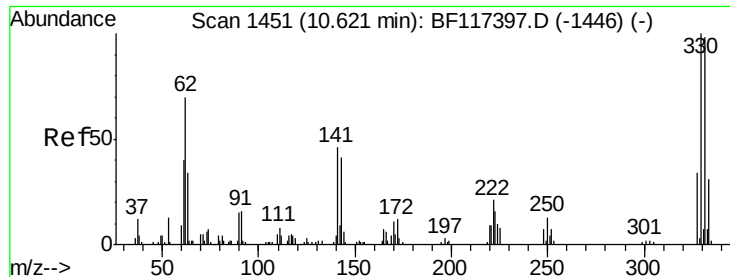
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117426.D
Acq: 17 Oct 2019 17:03

Tgt Ion:164 Resp: 115462
Ion Ratio Lower Upper
164 100
162 100.2 82.4 123.6
160 42.6 35.4 53.0



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

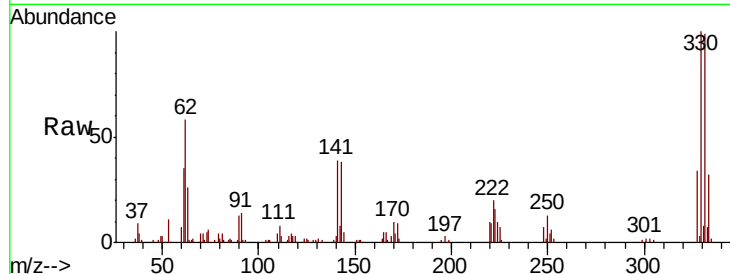




#42
 2,4,6-Tribromophenol
 Concen: 106.981 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117426.D
 Acq: 17 Oct 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB124065TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.0	112.6
141	43.8	34.2	51.4

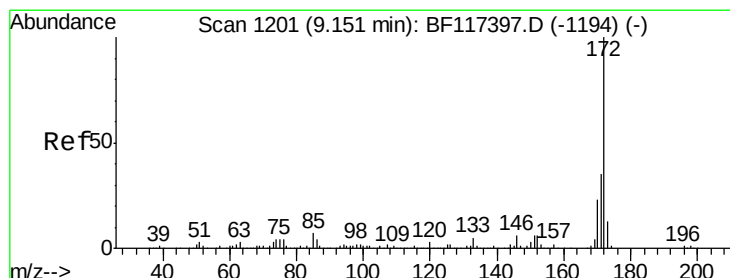
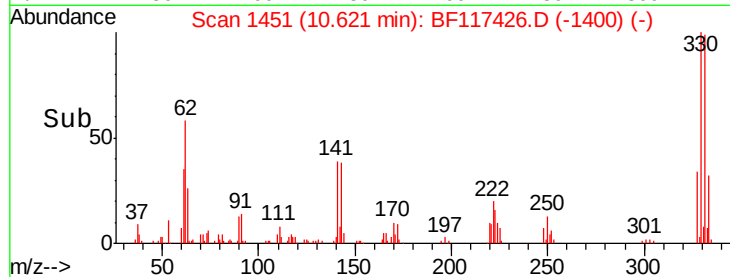
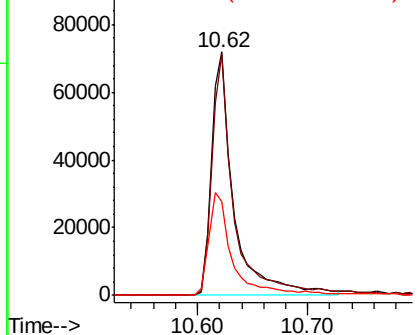


Abundance

Ion 329.80 (329.50 to 330.50): E

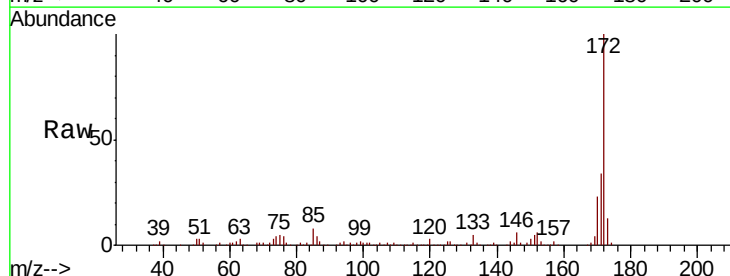
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.389 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117426.D
 Acq: 17 Oct 2019 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	22.9	18.2	27.2

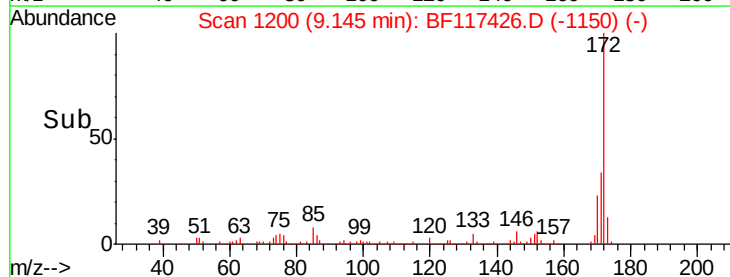
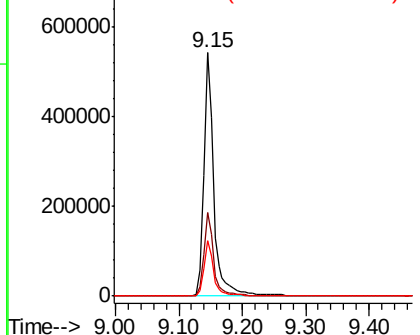


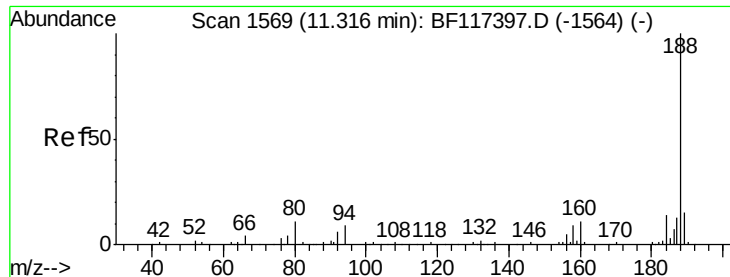
Abundance

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

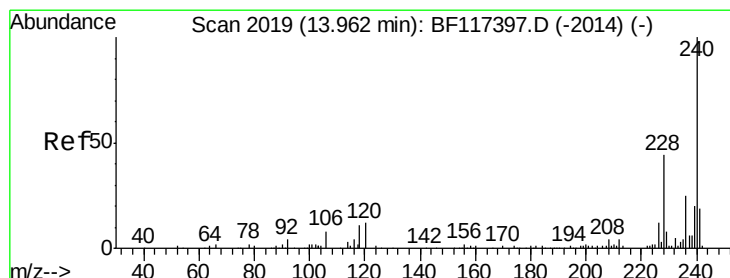
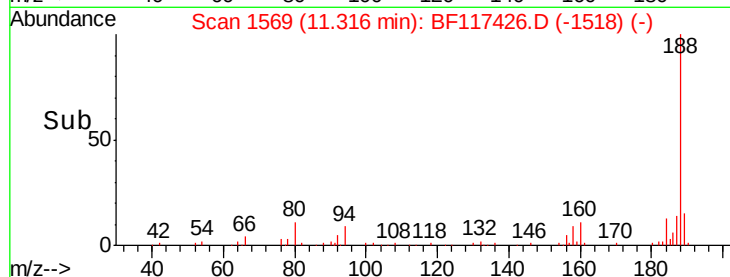
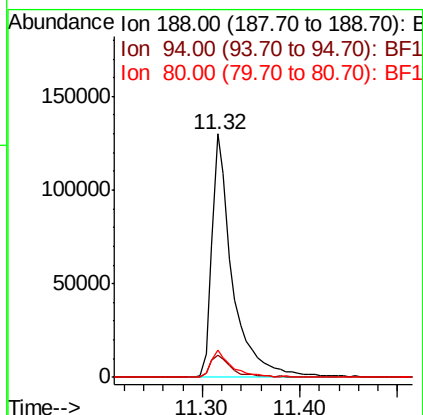
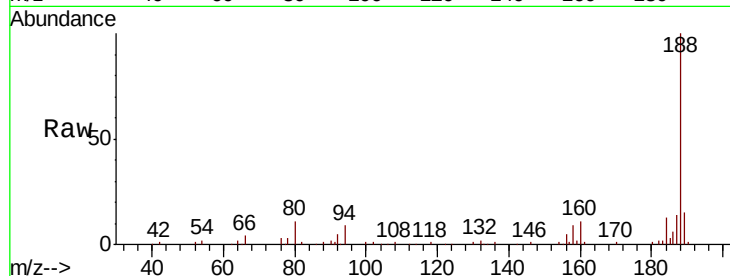




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117426.D
Acq: 17 Oct 2019 17:03

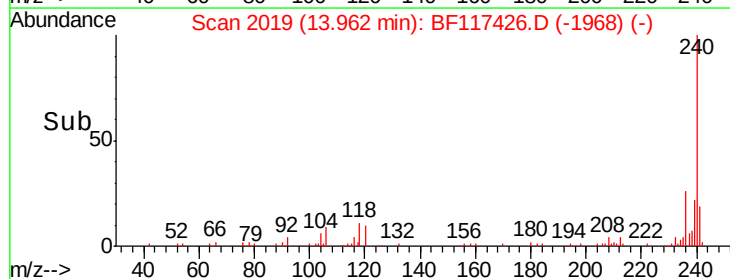
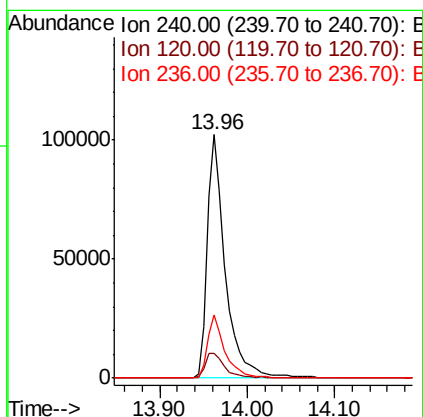
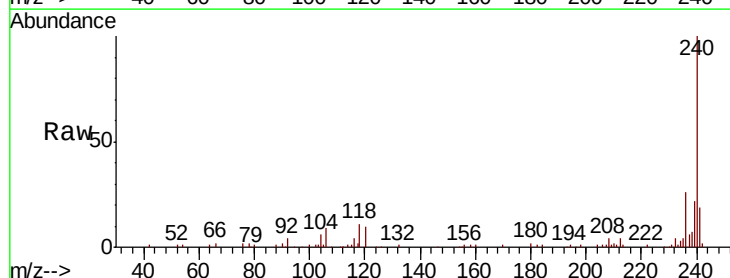
Instrument :
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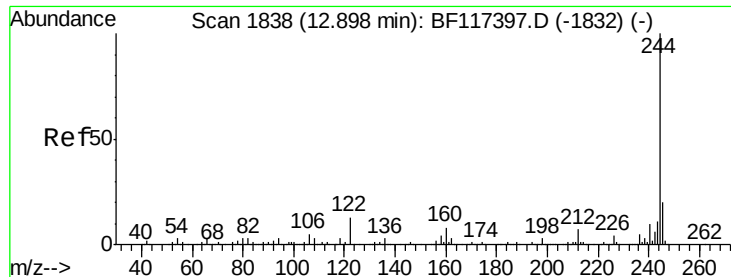
Tot Ion:188 Resp: 189831
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 11.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117426.D
Acq: 17 Oct 2019 17:03

Tgt Ion:240 Resp: 146177
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.0
236 25.9 19.8 29.6

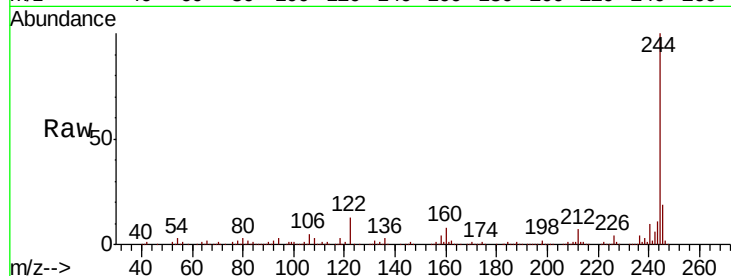




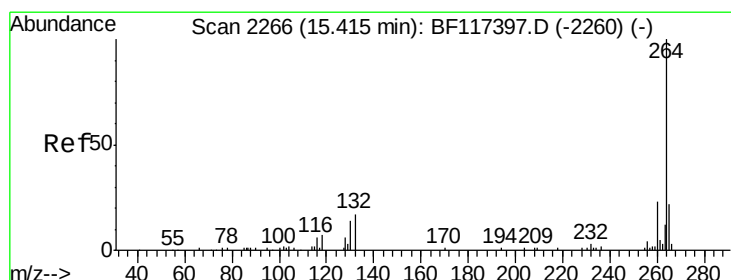
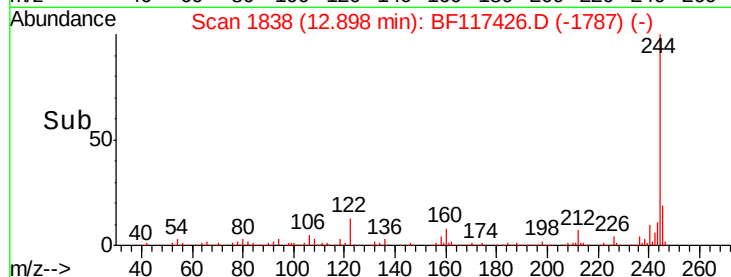
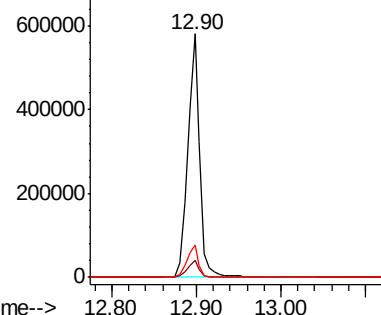
#79
 Terphenyl-d14
 Concen: 65.189 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117426.D
 Acq: 17 Oct 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB124065TB

Tot Ion:244 Resp: 584553
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 13.2 10.7 16.1

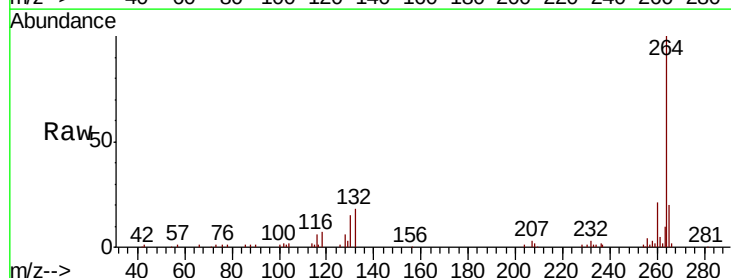


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117426.D
 Acq: 17 Oct 2019 17:03

Tgt Ion:264 Resp: 134848
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.6 27.8
 265 20.4 17.4 26.0



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

