

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117118.D
 Acq On : 17 Sep 2019 20:24
 Operator : HP/JU
 Sample : K4668-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-091219

Quant Time: Sep 18 04:50:47 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	116351	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	465138	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	241983	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	411337	20.00	ng	0.00
76) Chrysene-d12	13.97	240	309183	20.00	ng	0.00
87) Perylene-d12	15.42	264	289256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	492813	66.13	ng	0.02
7) Phenol-d6	6.46	99	581736	60.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	470470	53.14	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	175058	86.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	808069	52.21	ng	0.00
79) Terphenyl-d14	12.92	244	874459	52.87	ng	0.00

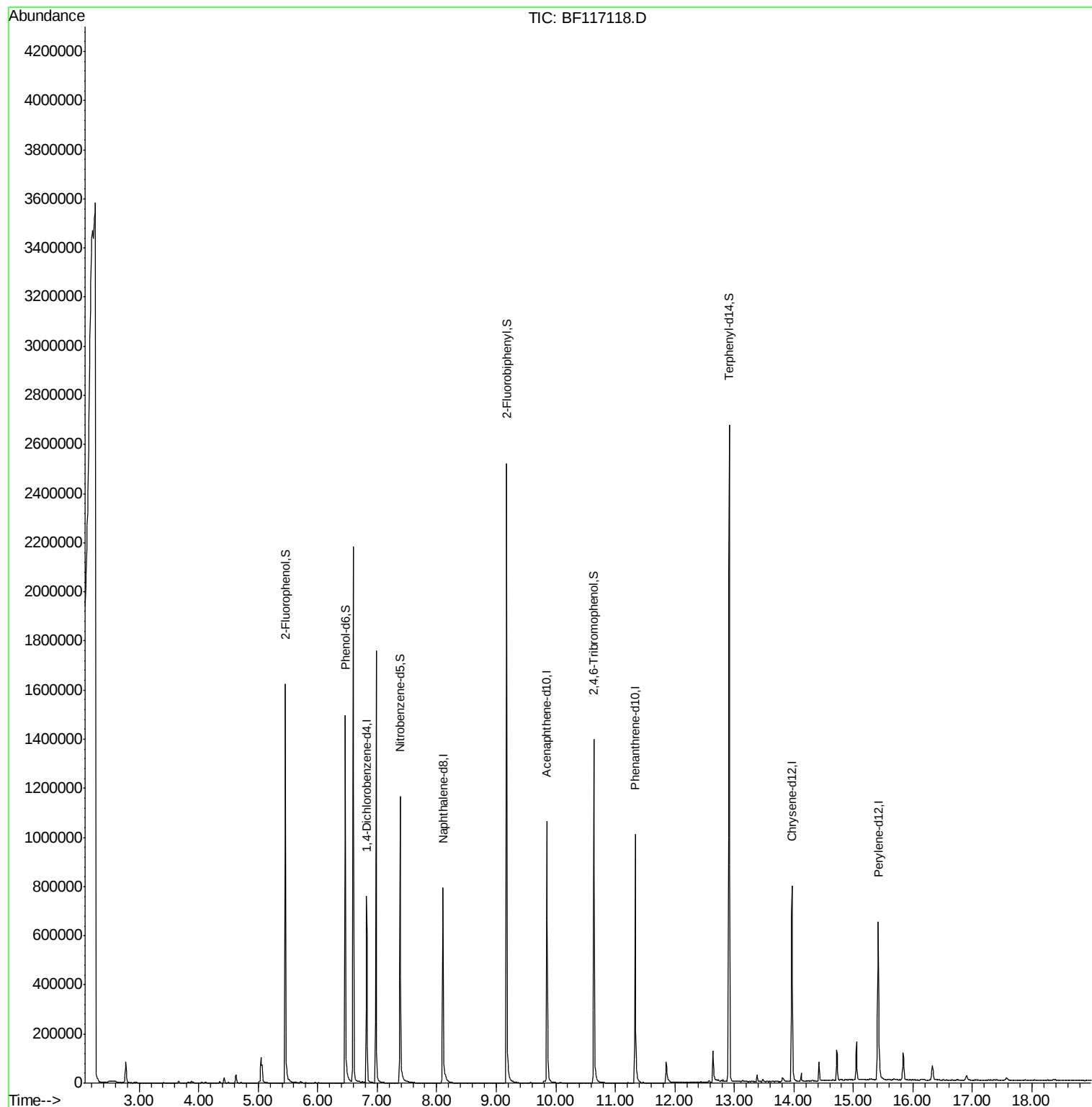
Target Compounds Qvalue

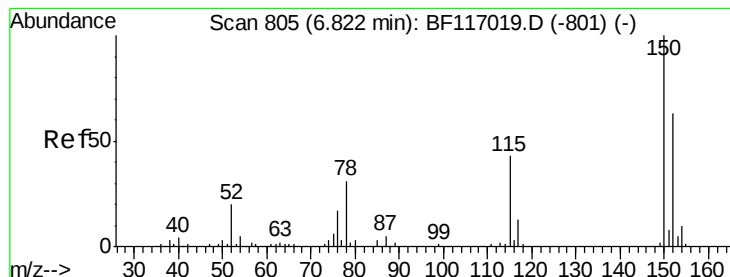
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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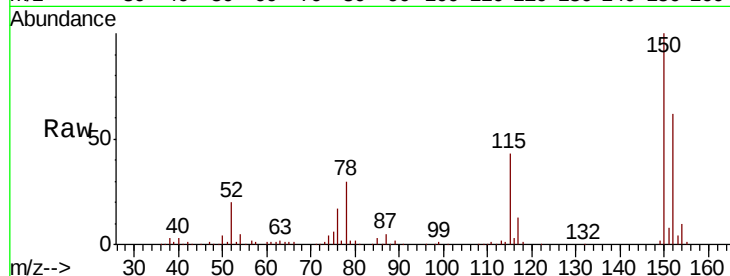


#1

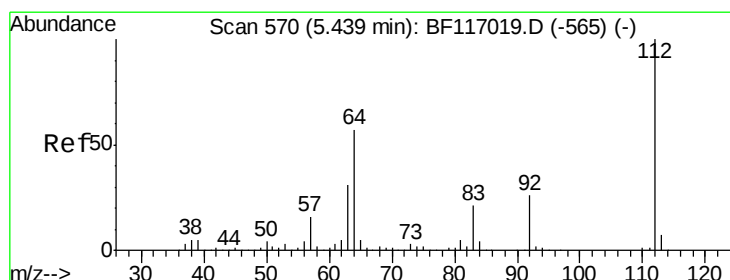
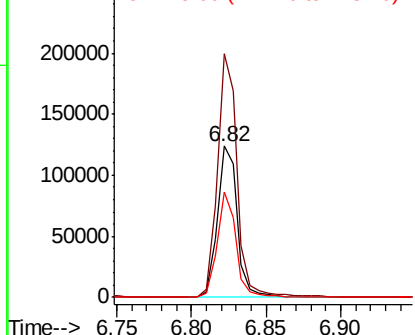
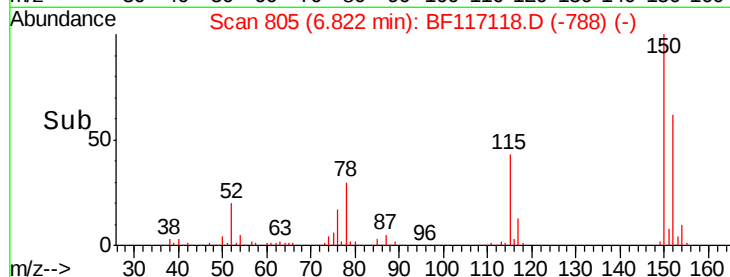
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

Instrument :
BNA_F
ClientSampleId :
SU-02-091219

Tot Ion:152 Resp: 116351
Ion Ratio Lower Upper
152 100
150 161.3 127.5 191.3
115 69.5 55.0 82.4



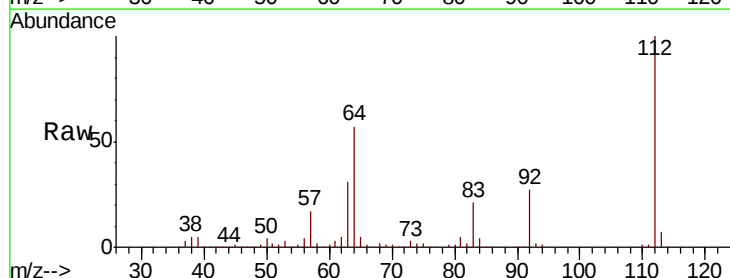
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



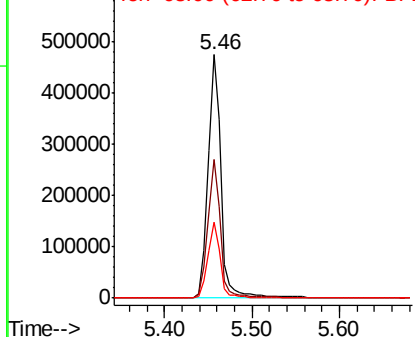
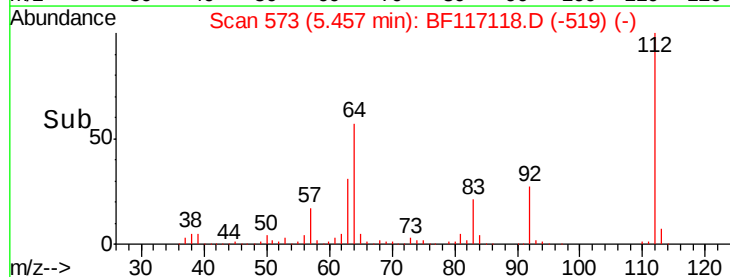
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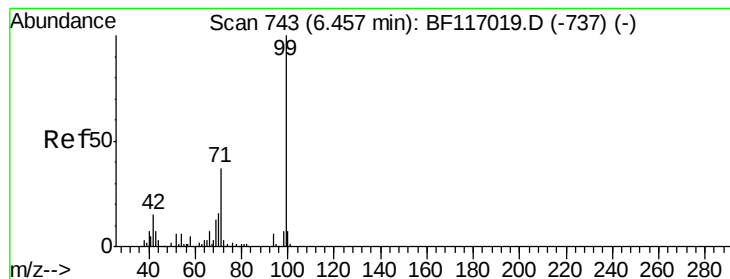
2-Fluorophenol
Concen: 66.128 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

Tgt Ion:112 Resp: 492813
Ion Ratio Lower Upper
112 100
64 57.2 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: 60.401 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

Instrument :

BNA_F

ClientSampleId :

SU-02-091219

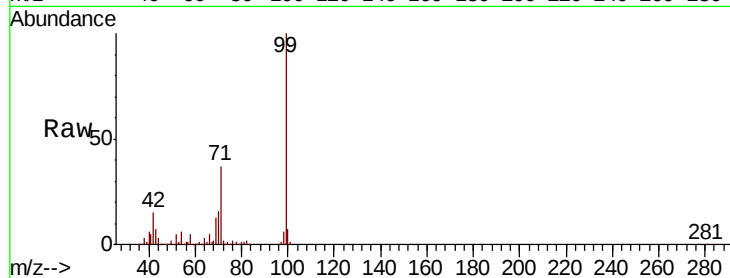
Tot Ion: 99 Resp: 581736

Ion Ratio Lower Upper

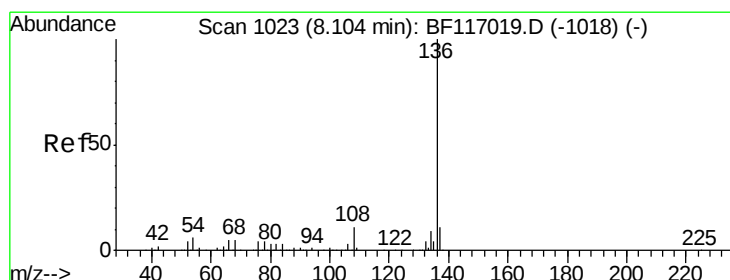
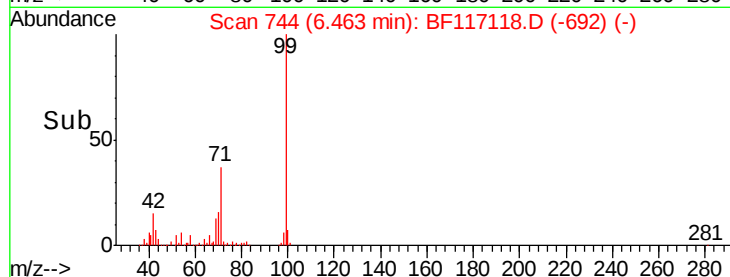
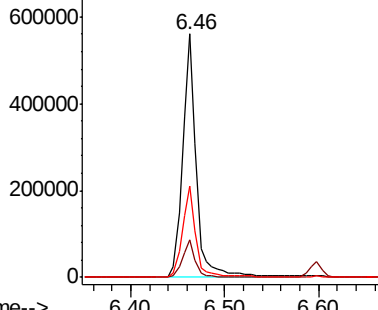
99 100

42 15.5 12.2 18.2

71 37.5 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: BF117118.D

Acq: 17 Sep 2019 20:24

Tgt Ion: 136 Resp: 465138

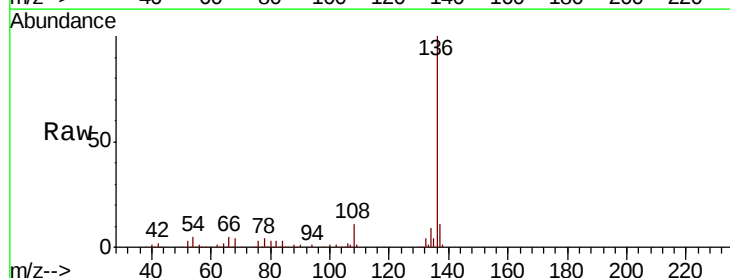
Ion Ratio Lower Upper

136 100

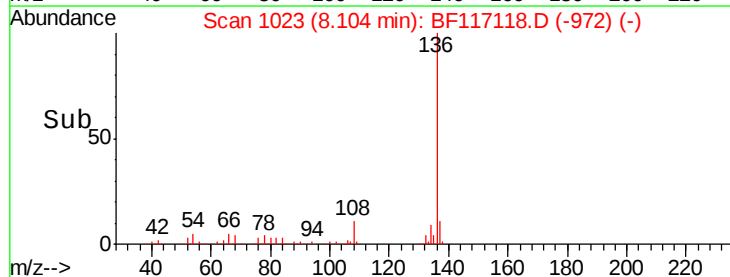
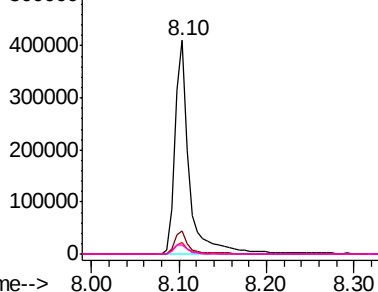
137 10.9 9.0 13.4

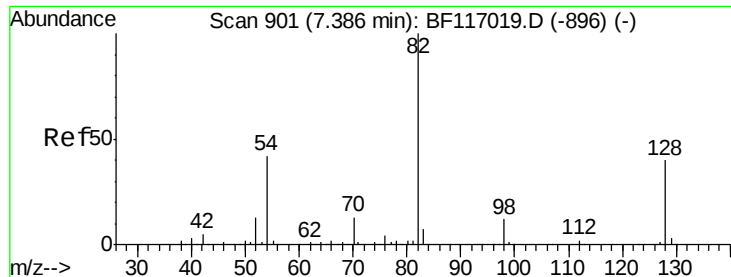
54 5.3 4.5 6.7

68 4.1 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

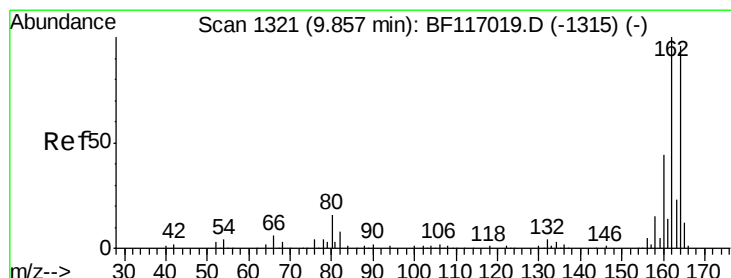
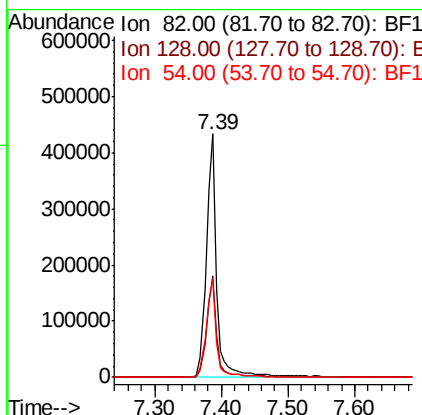
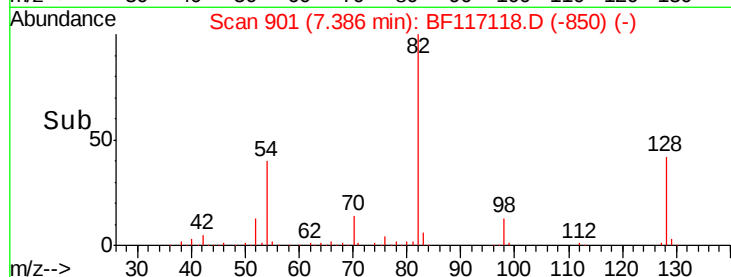
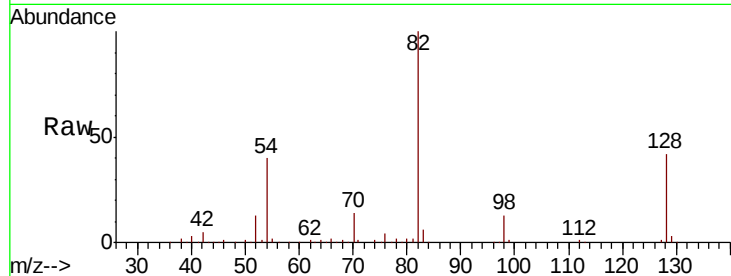




#23
 Nitrobenzene-d5
 Concen: 53.145 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

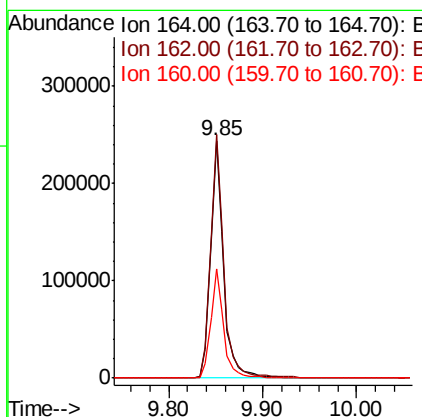
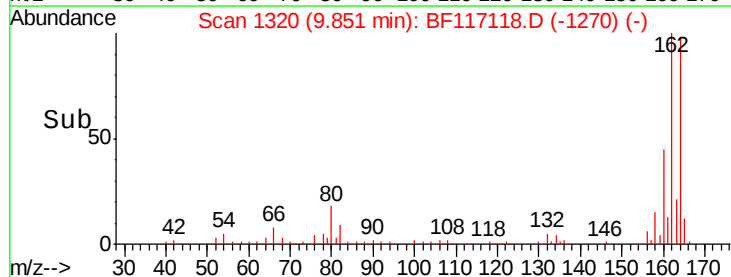
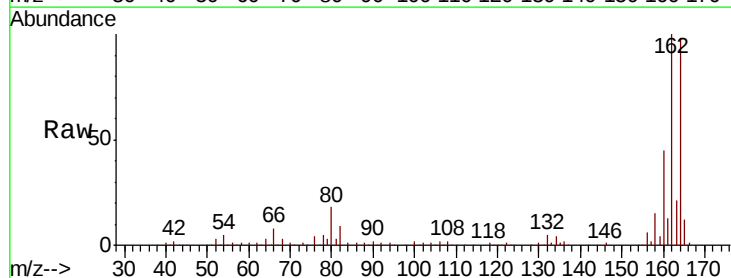
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-091219

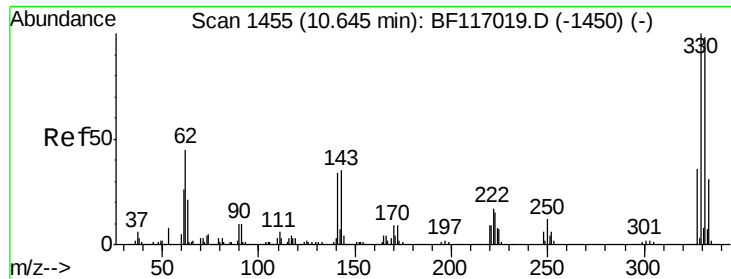
Tot Ion	82	Resp	470470
Ion Ratio	100		
Lower	32.3		
Upper	48.5		
54	40.3	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Tgt Ion	164	Resp	241983
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>83.4</td> <td></td> <td></td>	83.4		
Upper <td>125.2</td> <td></td> <td></td>	125.2		
162	102.4	36.4	54.6
160	46.2		

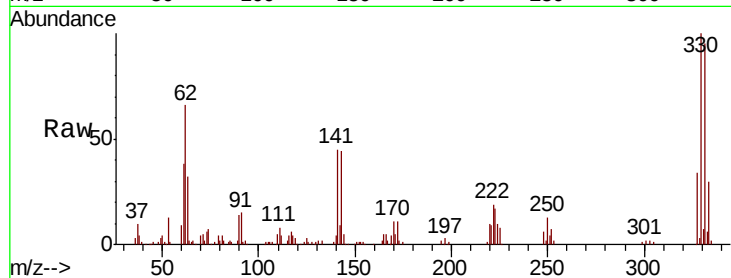




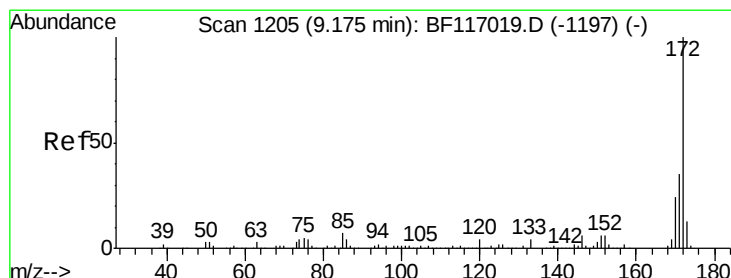
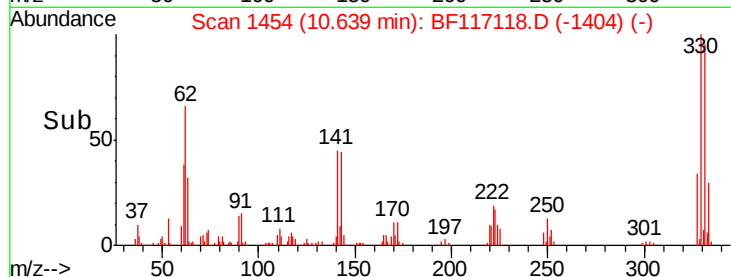
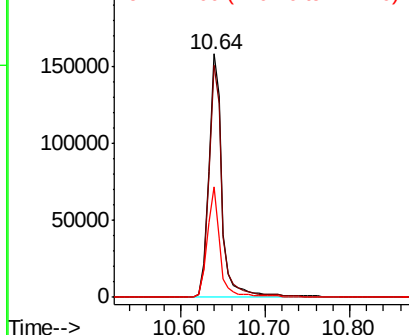
#42
 2,4,6-Tribromophenol
 Concen: 86.559 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-091219

Tot Ion:330 Resp: 175058
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 43.2 35.8 53.6

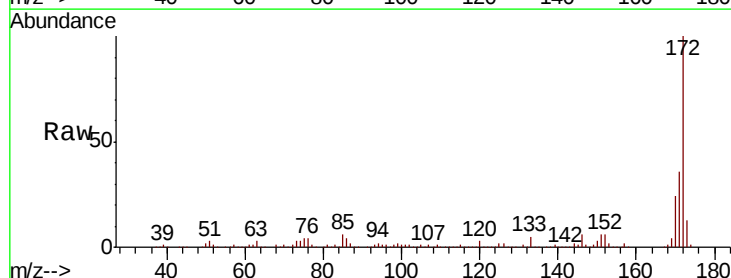


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

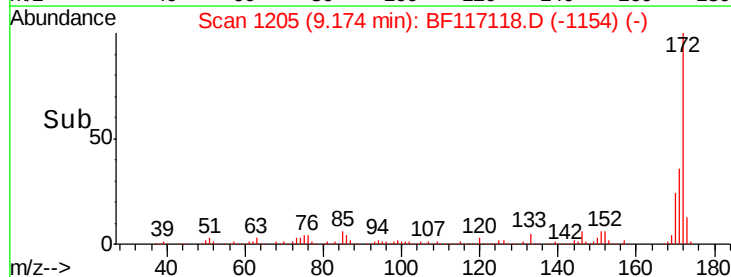
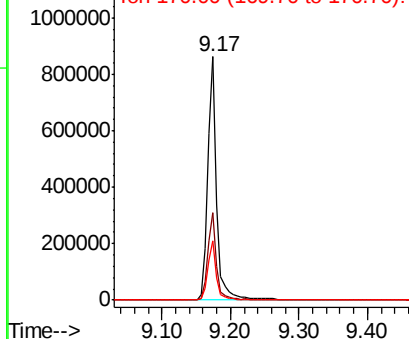


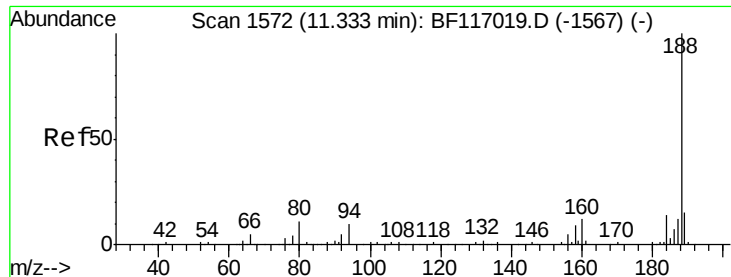
#45
 2-Fluorobiphenyl
 Concen: 52.213 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Tgt Ion:172 Resp: 808069
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 24.1 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

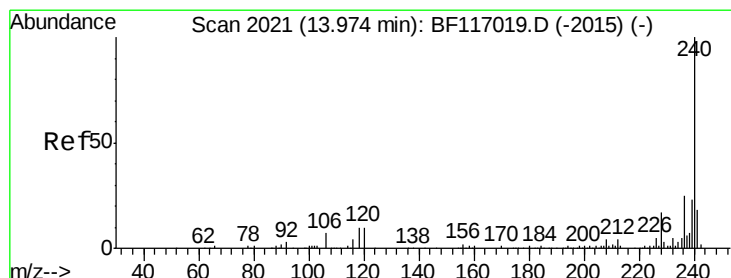
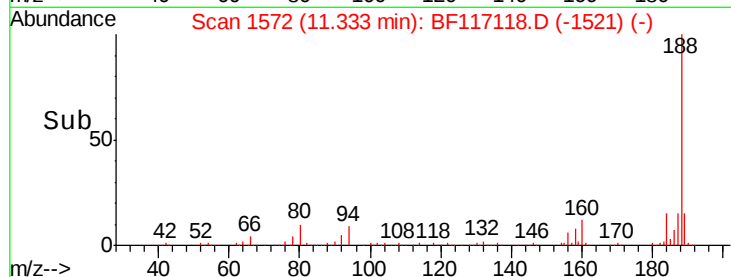
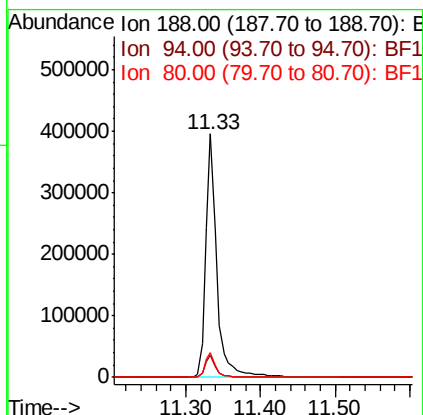
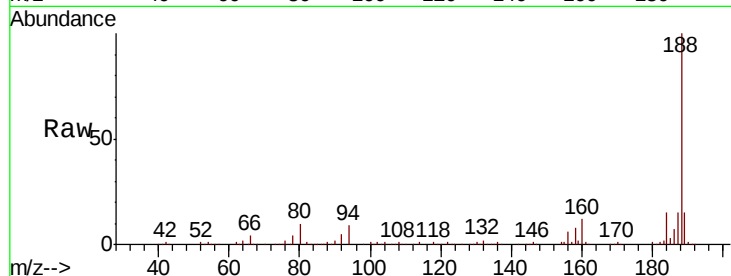




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

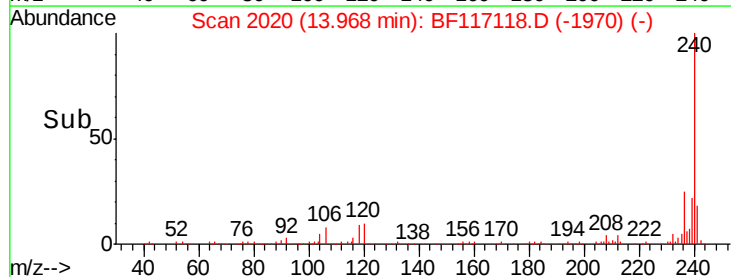
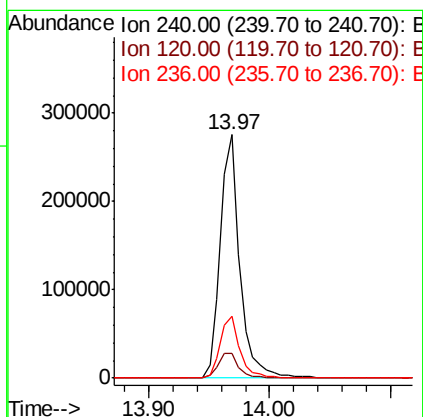
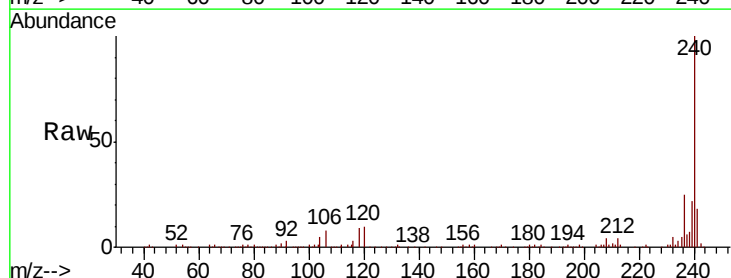
Instrument :
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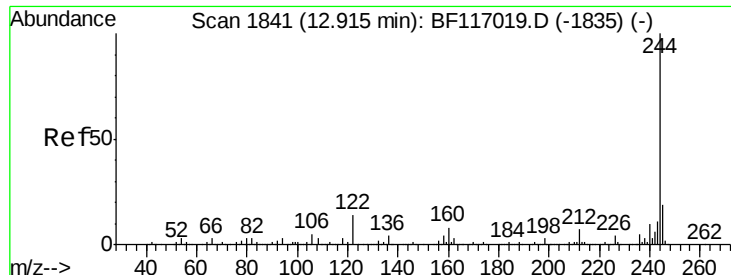
Tot Ion:188 Resp: 411337
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

Tgt Ion:240 Resp: 309183
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 52.867 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

Instrument :

BNA_F

ClientSampleId :

SU-02-091219

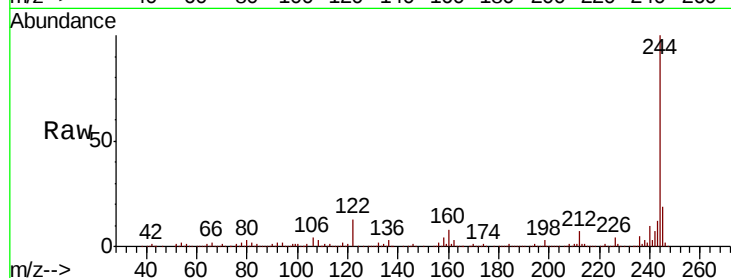
Tot Ion:244 Resp: 874459

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

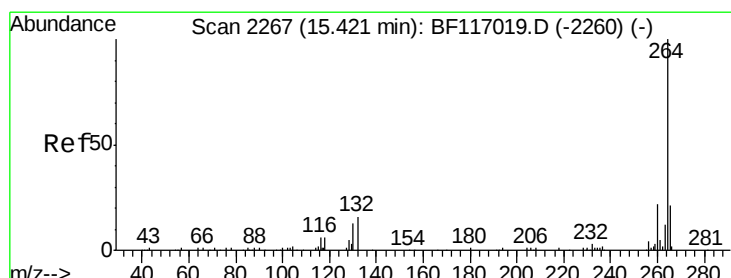
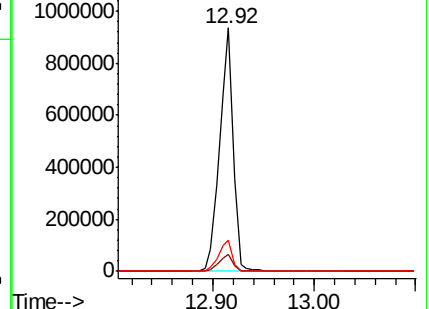
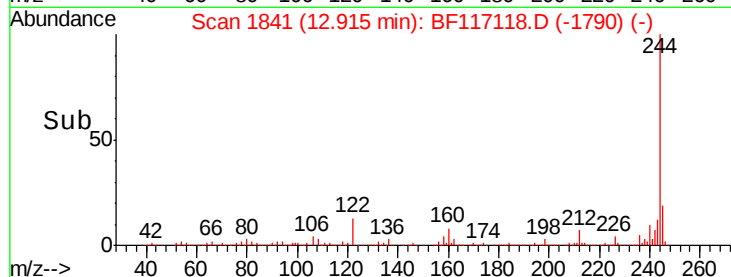
122 12.8 11.3 16.9



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. -0.01 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

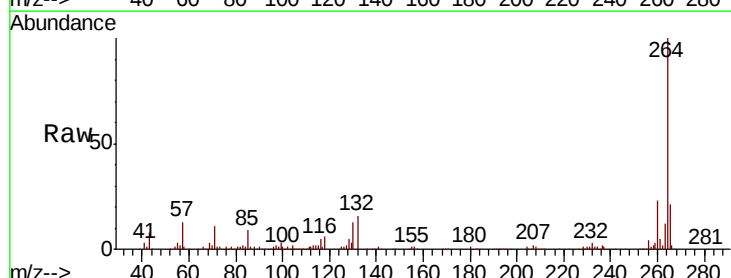
Tgt Ion:264 Resp: 289256

Ion Ratio Lower Upper

264 100

260 23.4 17.6 26.4

265 21.0 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

