

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117243.D
 Acq On : 25 Sep 2019 16:38
 Operator : JU
 Sample : PB123268BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BL

Quant Time: Sep 26 03:34:49 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	41887	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	166923	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	87629	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	137653	20.00	ng	0.00
76) Chrysene-d12	13.98	240	77399	20.00	ng	0.00
87) Perylene-d12	15.43	264	70335	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	348300	129.82	ng	0.02
7) Phenol-d6	6.46	99	472664	136.32	ng	0.00
23) Nitrobenzene-d5	7.38	82	305523	96.17	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	95781	130.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	568255	101.39	ng	0.00
79) Terphenyl-d14	12.92	244	497841	120.23	ng	0.00

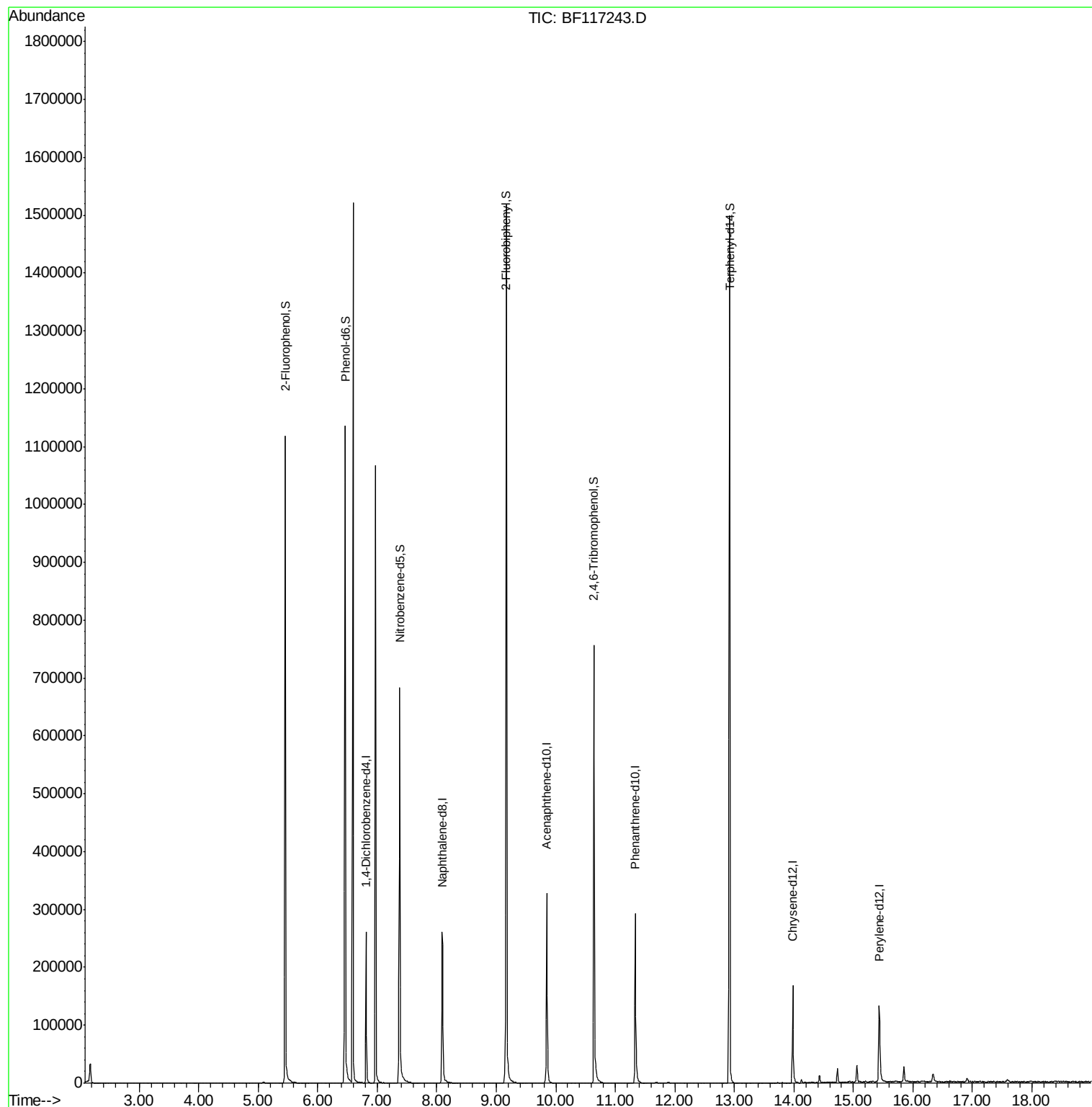
Target Compounds Qvalue

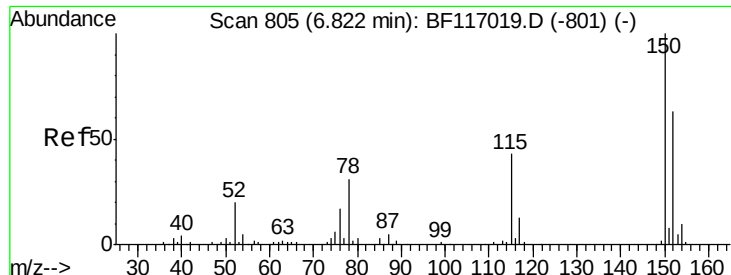
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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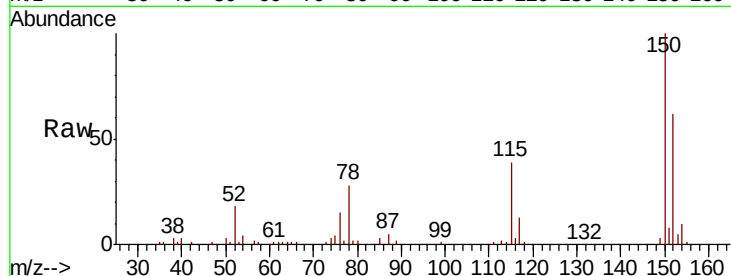


#1

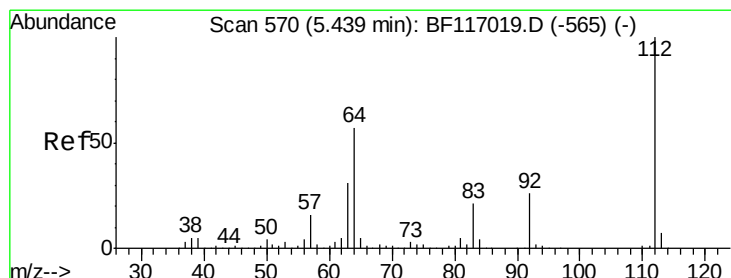
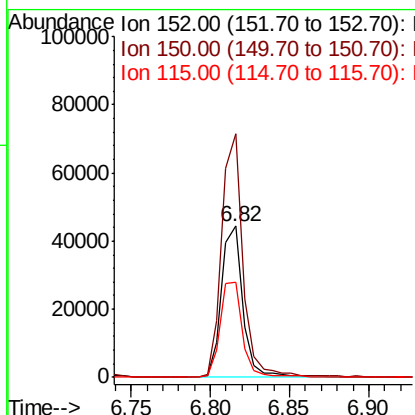
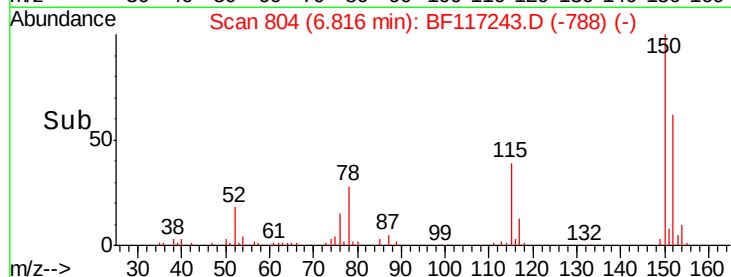
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117243.D
 Acq: 25 Sep 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	127.5	191.3
115	63.4	55.0	82.4



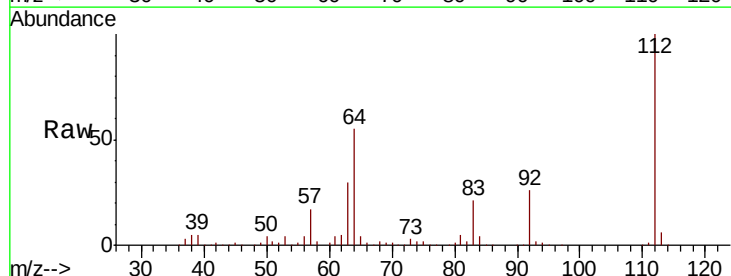
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



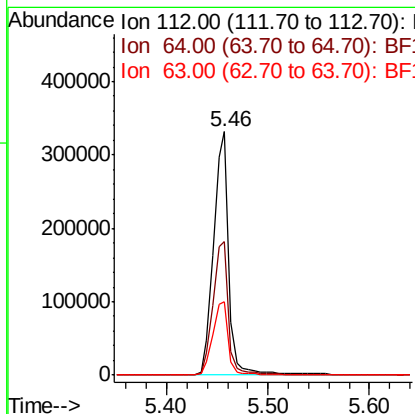
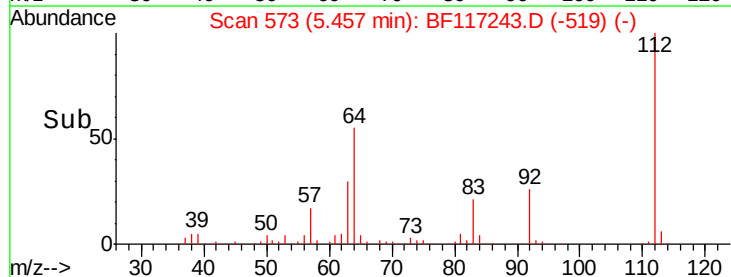
#5

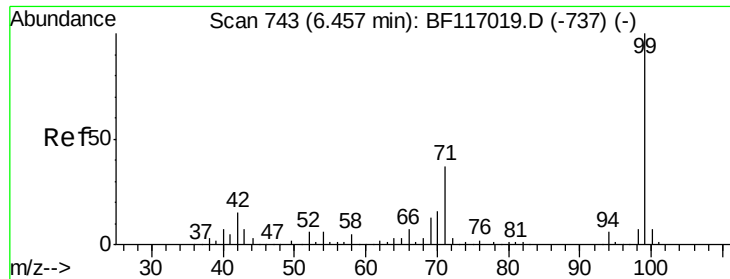
2-Fluorophenol
 Concen: 129.821 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117243.D
 Acq: 25 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.7	68.5
63	30.4	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: 136.321 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117243.D

Acq: 25 Sep 2019 16:38

Instrument :

BNA_F

ClientSampled :

PB123268BL

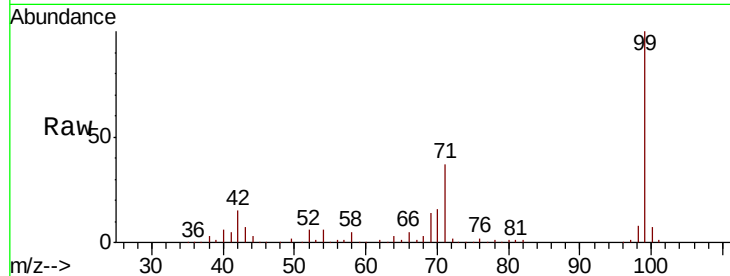
Tot Ion: 99 Resp: 472664

Ion Ratio Lower Upper

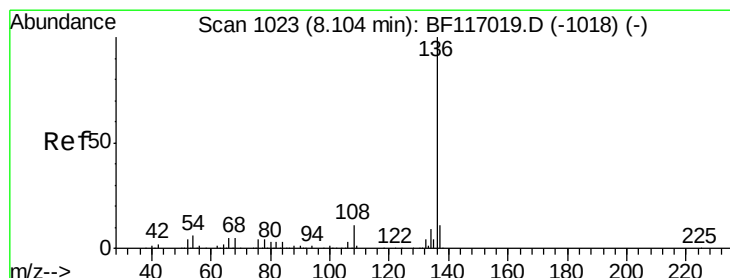
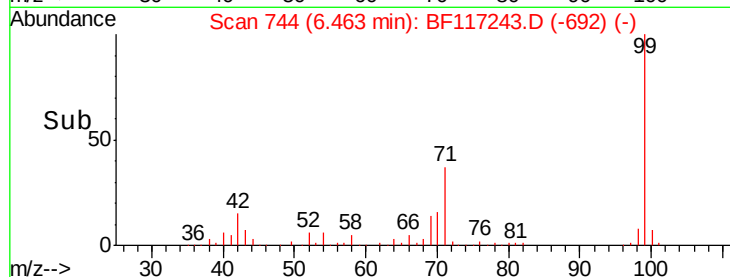
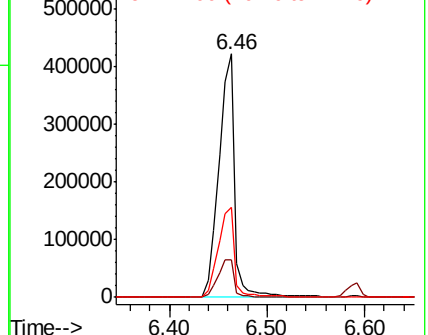
99 100

42 15.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117243.D

Acq: 25 Sep 2019 16:38

Tgt Ion: 136 Resp: 166923

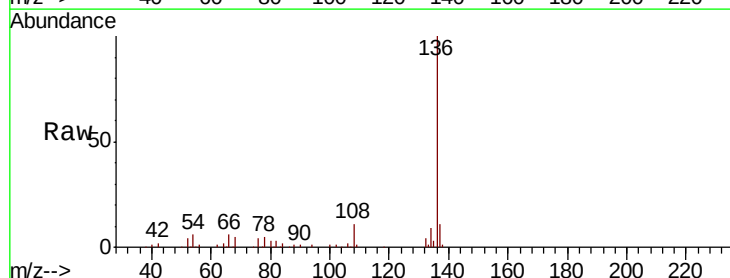
Ion Ratio Lower Upper

136 100

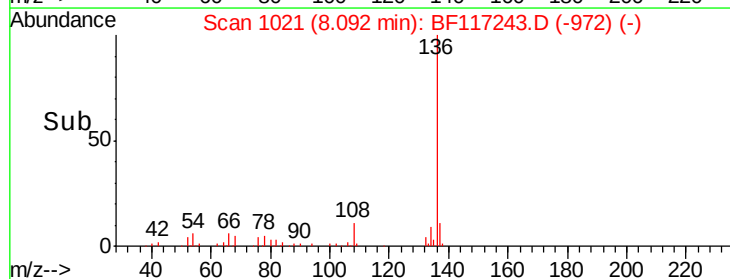
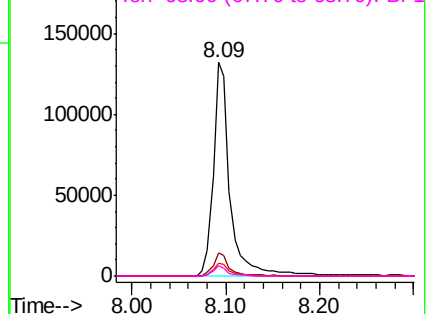
137 10.9 9.0 13.4

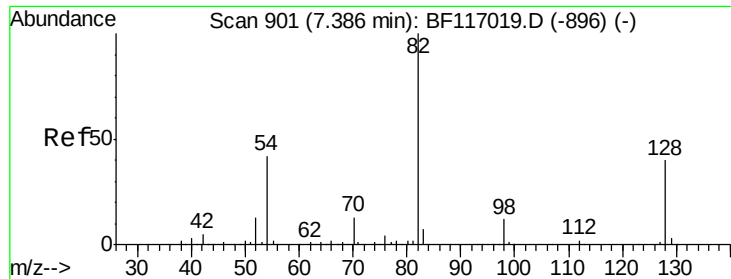
54 6.0 4.5 6.7

68 4.6 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

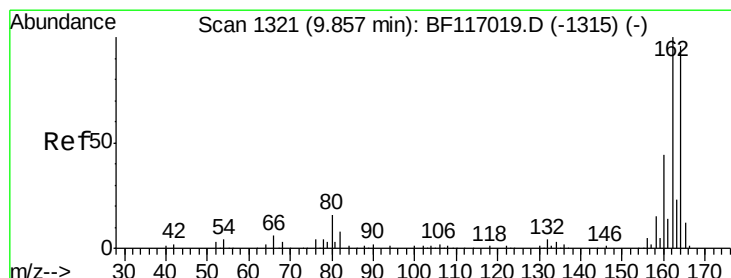
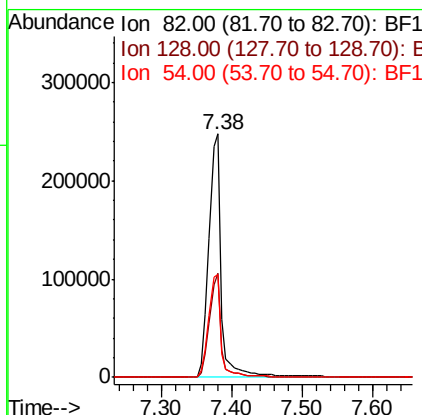
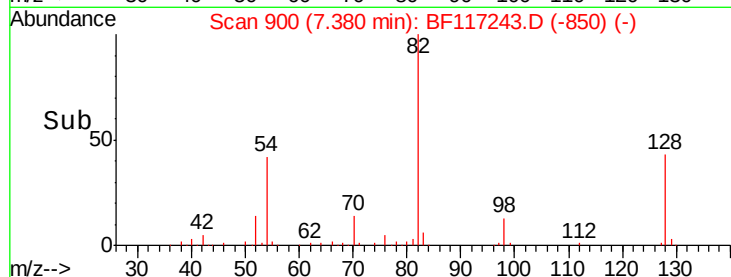
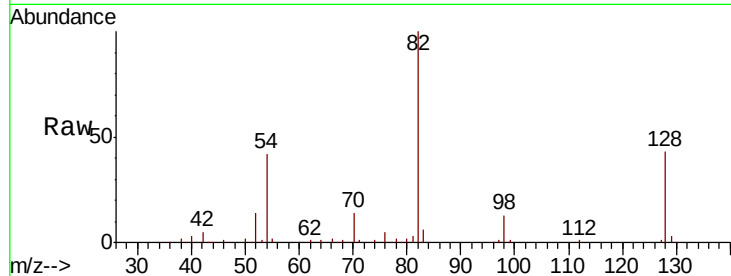




#23
 Nitrobenzene-d5
 Concen: 96.170 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117243.D
 Acq: 25 Sep 2019 16:38

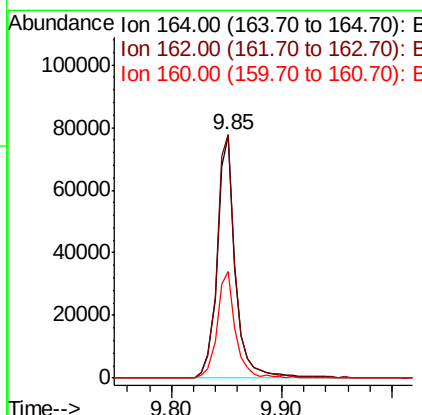
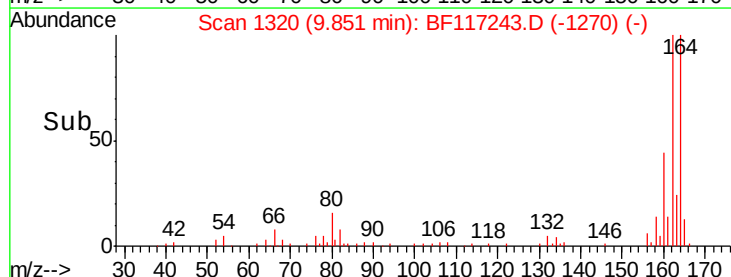
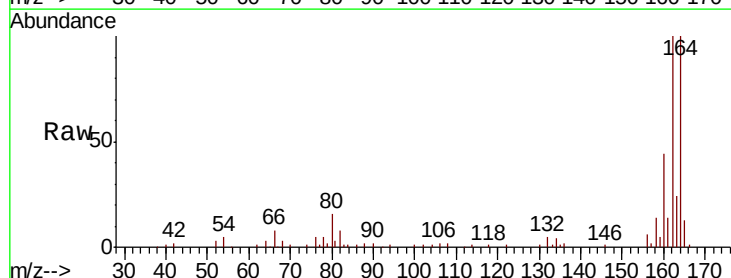
Instrument :
 BNA_F
 ClientSampleId :
 PB123268BL

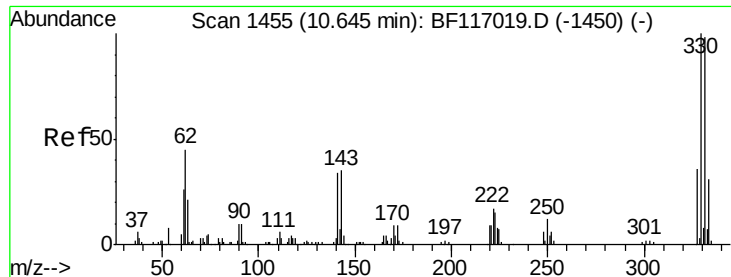
Tot Ion	82	Resp	305523
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.3	48.5
54	42.0	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117243.D
 Acq: 25 Sep 2019 16:38

Tgt Ion	164	Resp	87629
Ion Ratio	Lower	Upper	
164	100		
162	100.3	83.4	125.2
160	43.9	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 130.781 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117243.D

Acq: 25 Sep 2019 16:38

Instrument :

BNA_F

ClientSampleId :

PB123268BL

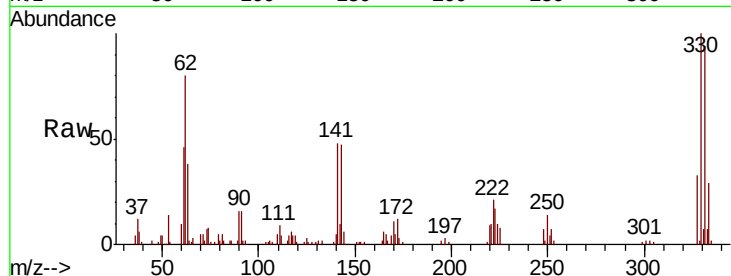
Tot Ion:330 Resp: 95781

Ion Ratio Lower Upper

330 100

332 95.1 78.0 117.0

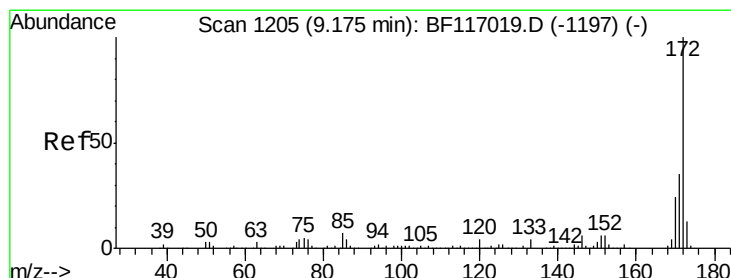
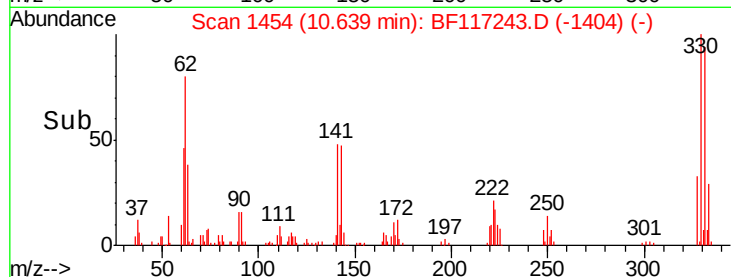
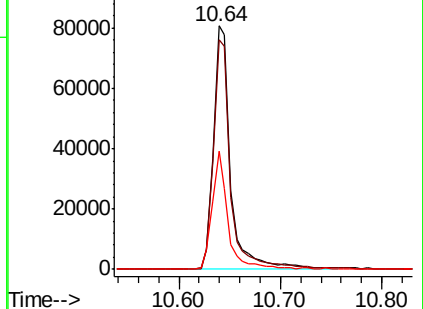
141 44.5 35.8 53.6



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: 101.394 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF117243.D

Acq: 25 Sep 2019 16:38

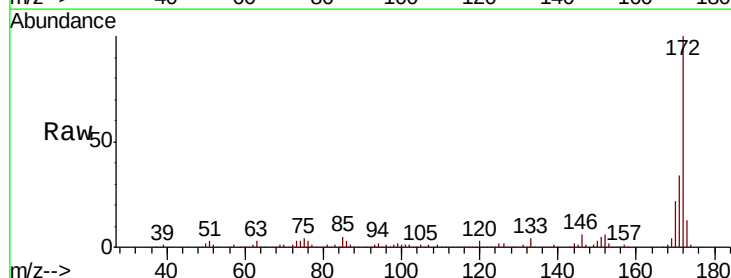
Tgt Ion:172 Resp: 568255

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

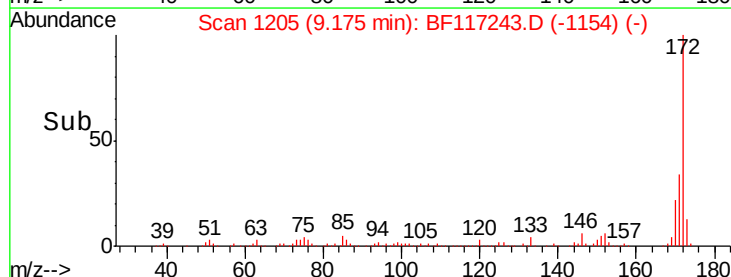
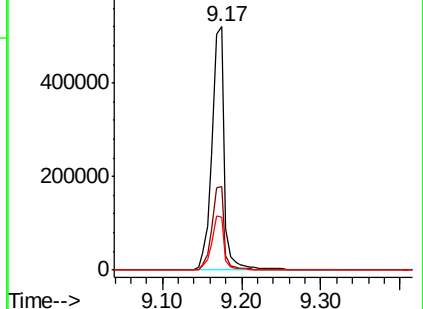
170 21.9 18.9 28.3

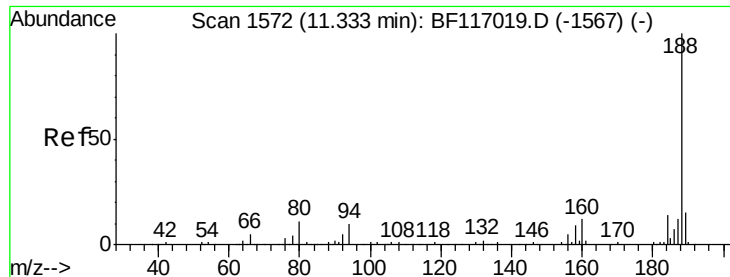


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

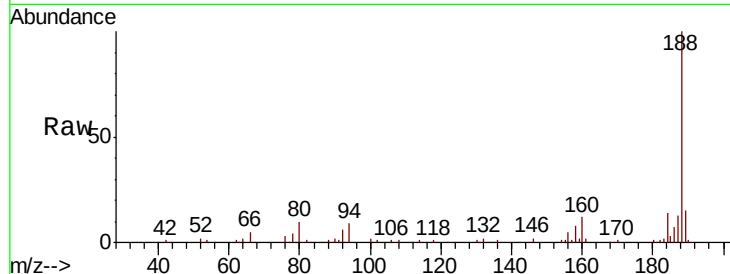




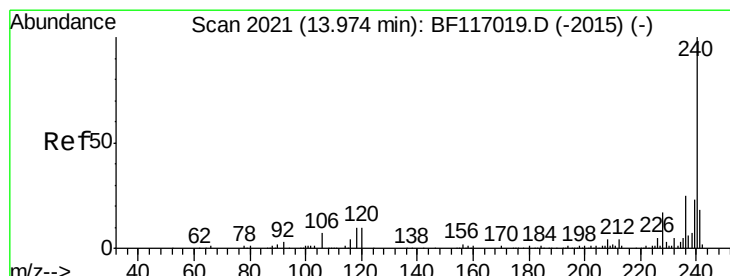
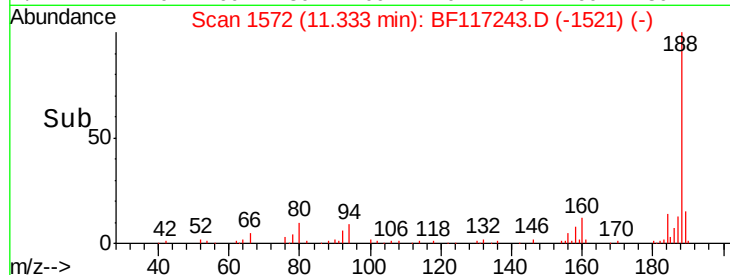
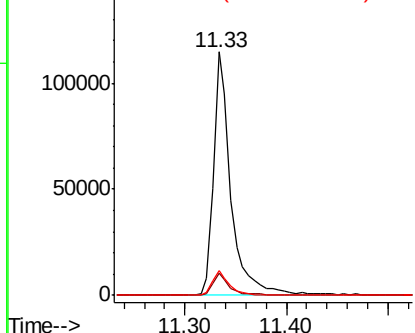
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117243.D
Acq: 25 Sep 2019 16:38

Instrument :
BNA_F
ClientSampleId :
PB123268BL

Tot Ion:188 Resp: 137653
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.3 9.0 13.6

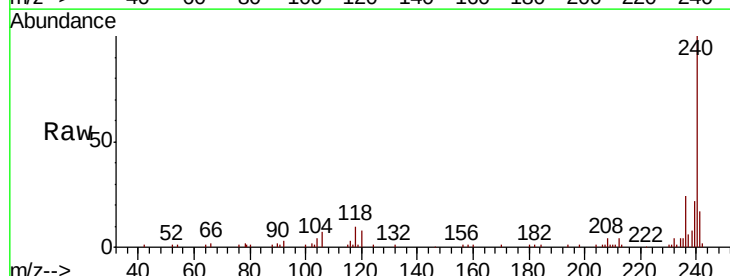


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

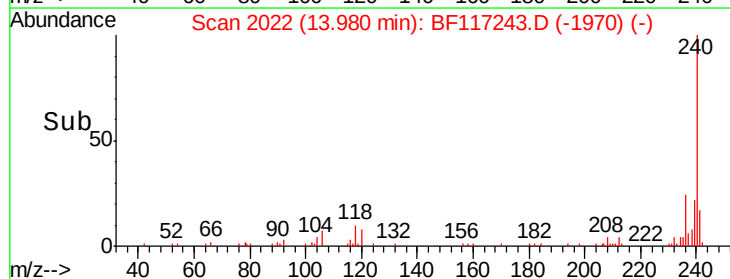
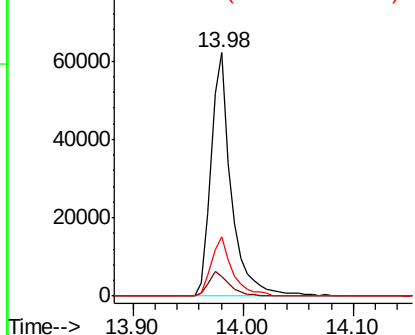


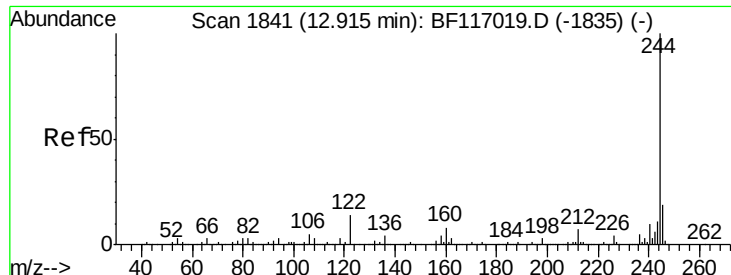
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117243.D
Acq: 25 Sep 2019 16:38

Tgt Ion:240 Resp: 77399
Ion Ratio Lower Upper
240 100
120 8.2 8.3 12.5#
236 24.4 20.3 30.5



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: 120.231 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF117243.D

Acq: 25 Sep 2019 16:38

Instrument :

BNA_F

ClientSampleId :

PB123268BL

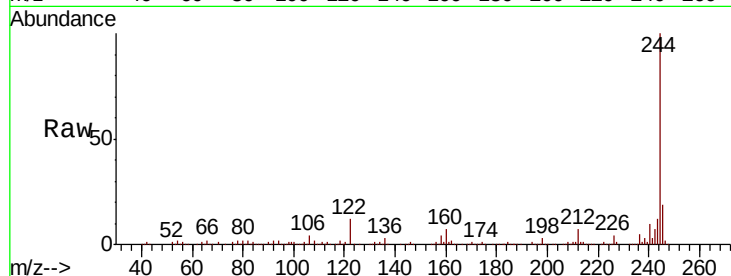
Tot Ion:244 Resp: 497841

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

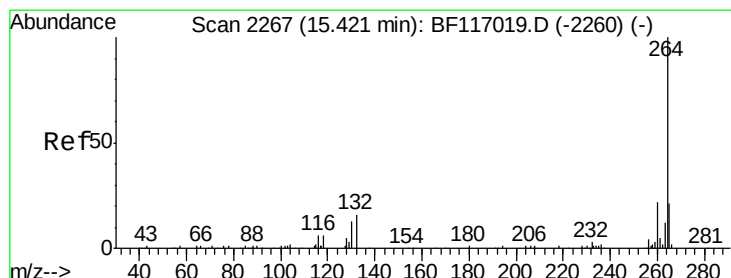
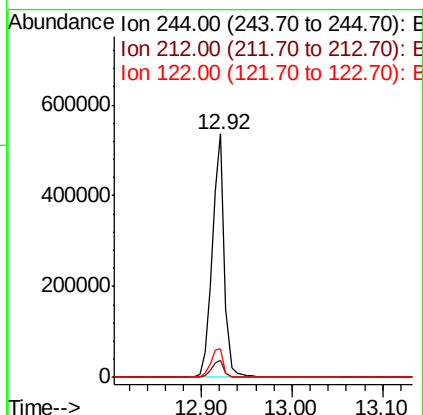
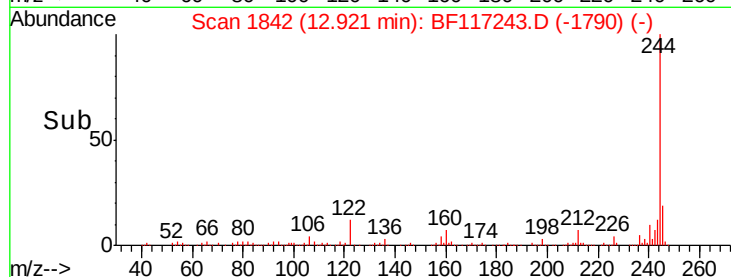
122 11.7 11.3 16.9



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117243.D

Acq: 25 Sep 2019 16:38

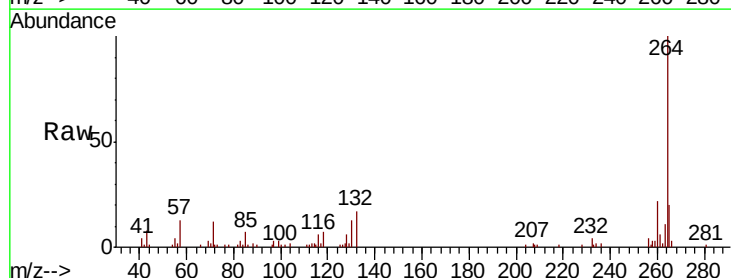
Tgt Ion:264 Resp: 70335

Ion Ratio Lower Upper

264 100

260 21.5 17.6 26.4

265 20.3 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

