

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117478.D
 Acq On : 22 Oct 2019 15:06
 Operator : JU
 Sample : PB124094BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BL

Quant Time: Oct 22 16:17:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	54084	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	217473	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	121518	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	215971	20.00	ng	0.00
76) Chrysene-d12	13.89	240	168751	20.00	ng	0.00
87) Perylene-d12	15.33	264	139561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	427852	117.69	ng	0.01
7) Phenol-d6	6.39	99	574350	117.63	ng	0.00
23) Nitrobenzene-d5	7.30	82	361917	82.16	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	130427	124.05	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	680714	78.93	ng	0.00
79) Terphenyl-d14	12.84	244	784710	75.85	ng	0.00

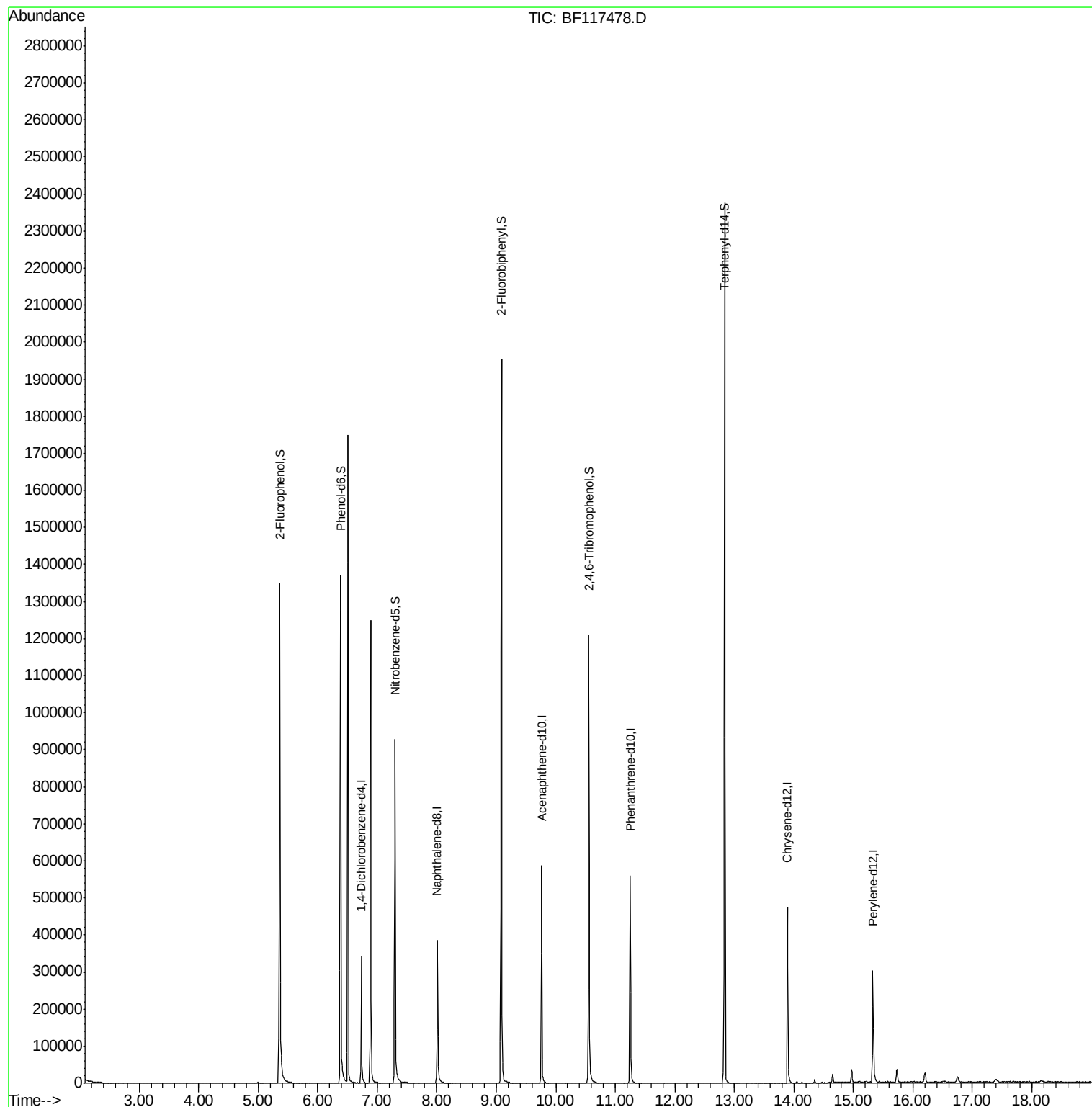
Target Compounds Qvalue

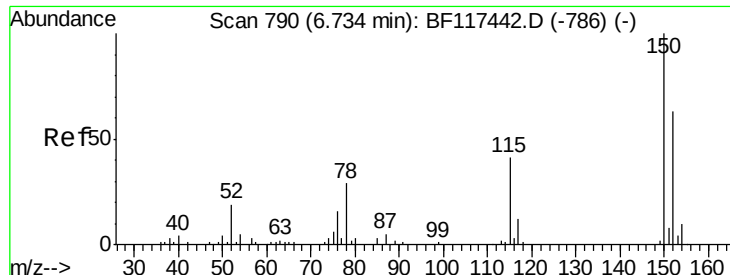
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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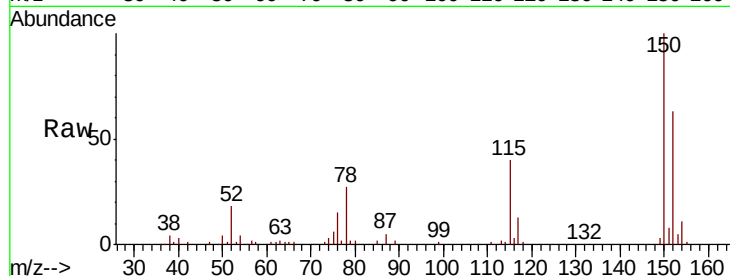


#1

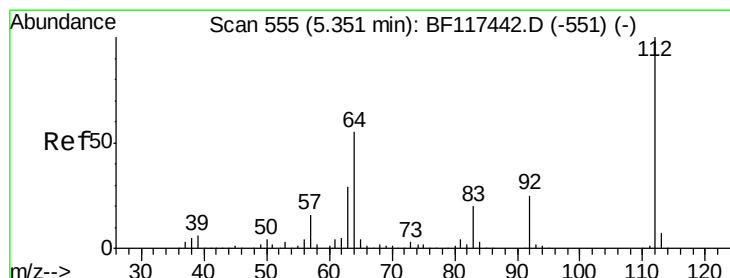
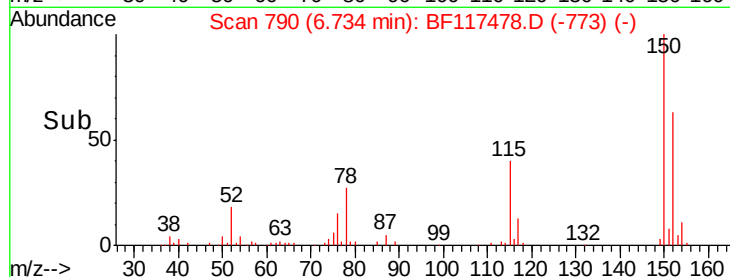
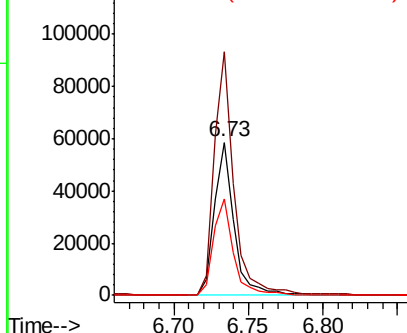
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117478.D
Acq: 22 Oct 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB124094BL

Tot Ion:152 Resp: 54084
Ion Ratio Lower Upper
152 100
150 158.8 126.8 190.2
115 63.0 51.6 77.4



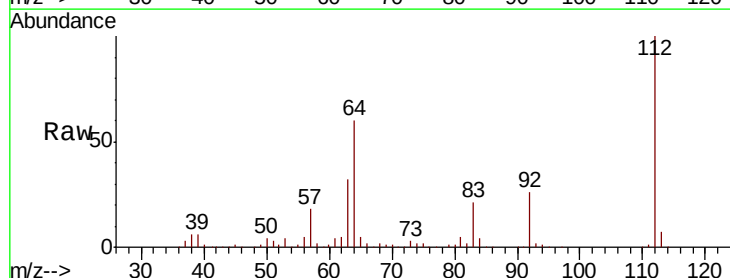
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



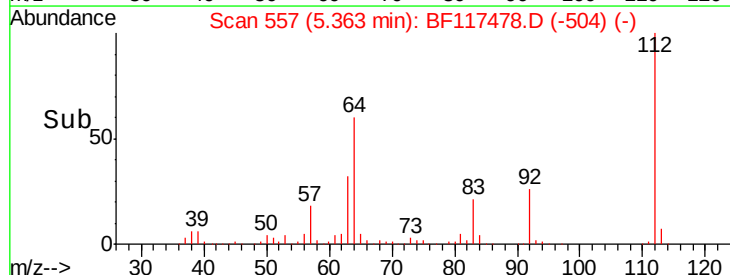
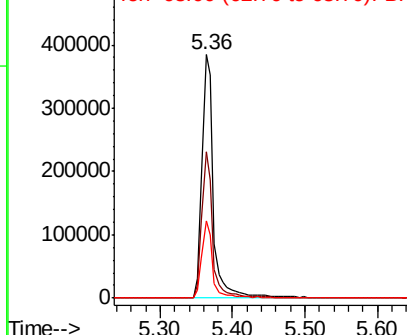
#5

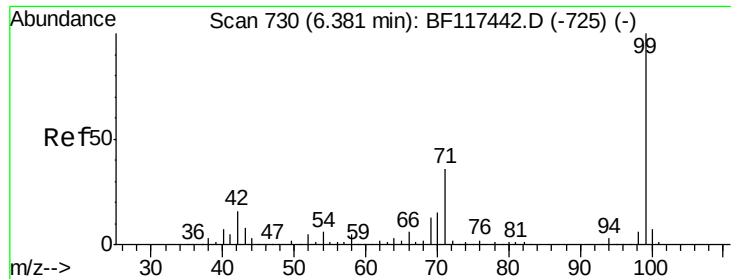
2-Fluorophenol
Concen: 117.690 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117478.D
Acq: 22 Oct 2019 15:06

Tgt Ion:112 Resp: 427852
Ion Ratio Lower Upper
112 100
64 60.1 44.1 66.1
63 32.0 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: 117.628 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117478.D

Acq: 22 Oct 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB124094BL

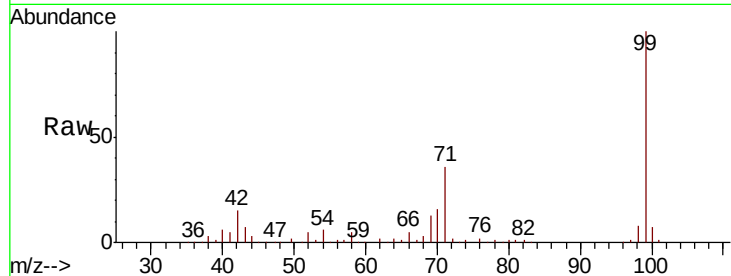
Tot Ion: 99 Resp: 574350

Ion Ratio Lower Upper

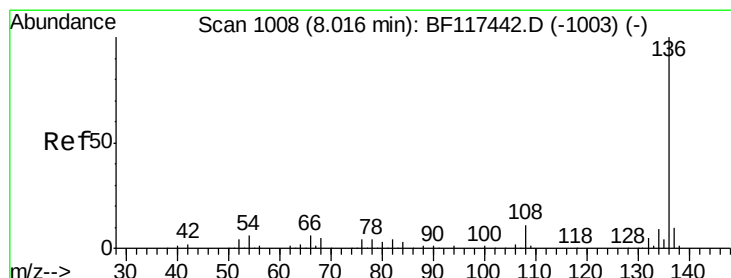
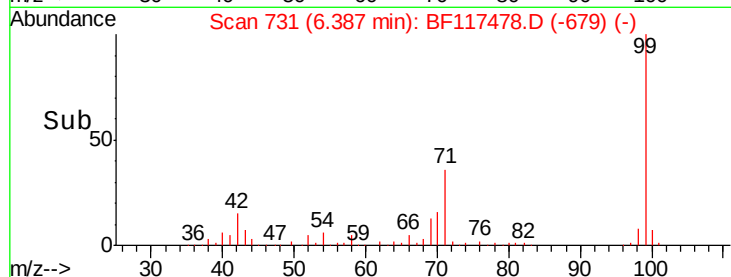
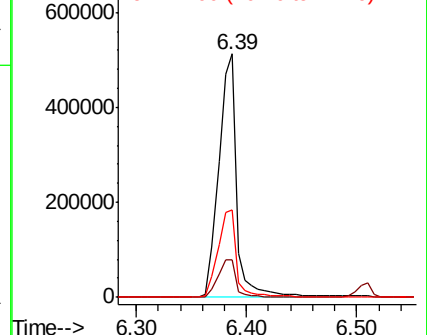
99 100

42 15.4 12.8 19.2

71 36.0 28.6 43.0



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117478.D

Acq: 22 Oct 2019 15:06

Tgt Ion: 136 Resp: 217473

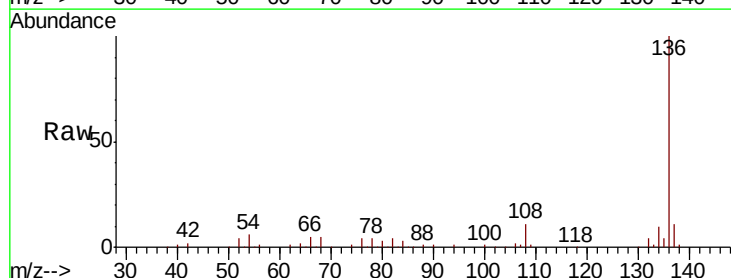
Ion Ratio Lower Upper

136 100

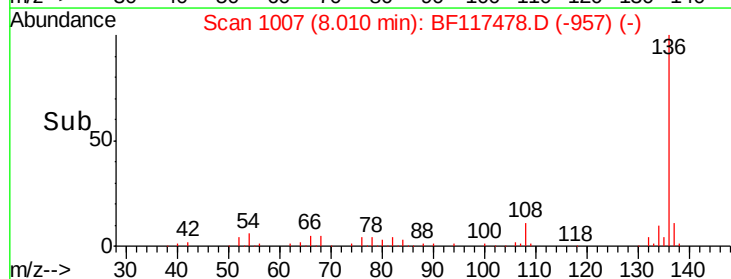
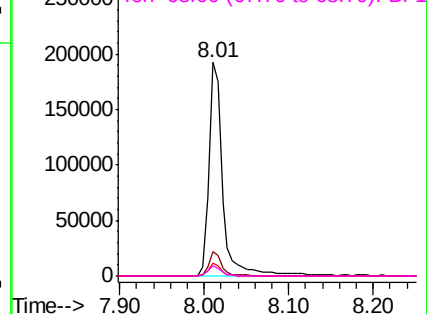
137 11.1 8.2 12.4

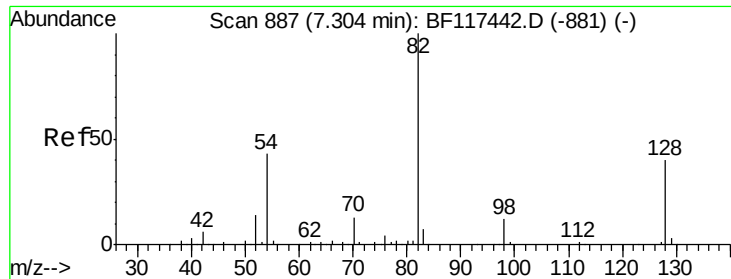
54 6.1 4.5 6.7

68 5.1 4.3 6.5



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

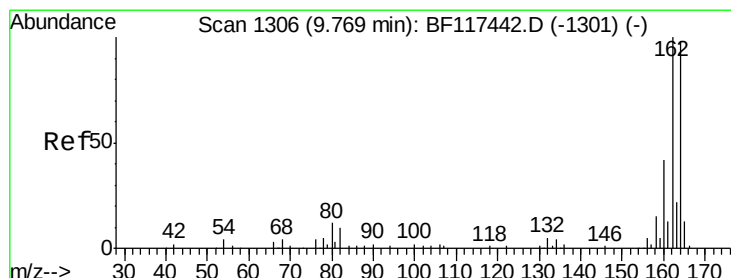
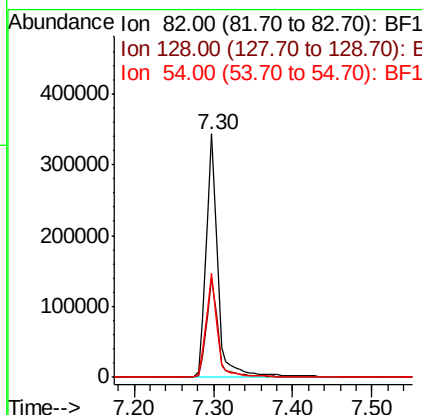
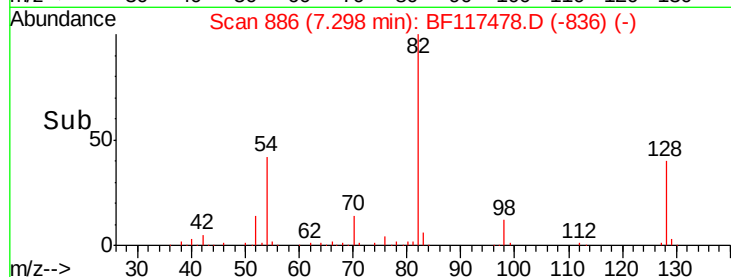
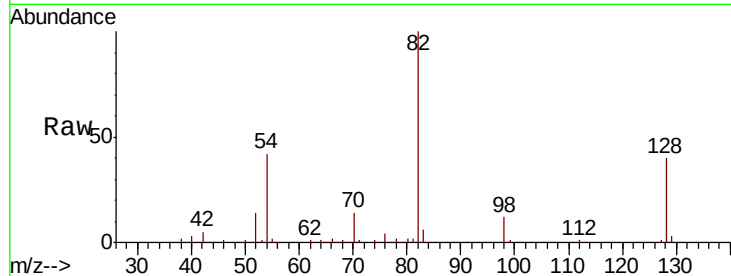




#23
 Nitrobenzene-d5
 Concen: 82.158 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117478.D
 Acq: 22 Oct 2019 15:06

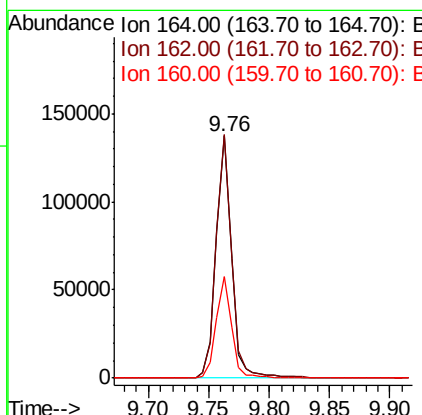
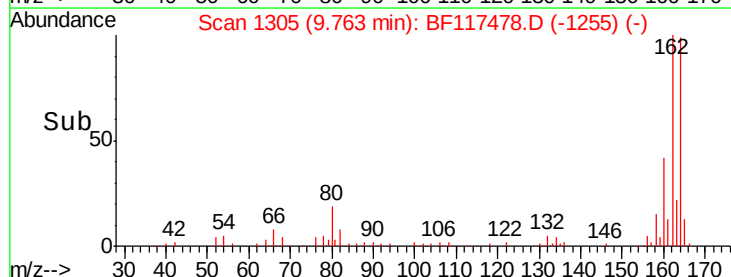
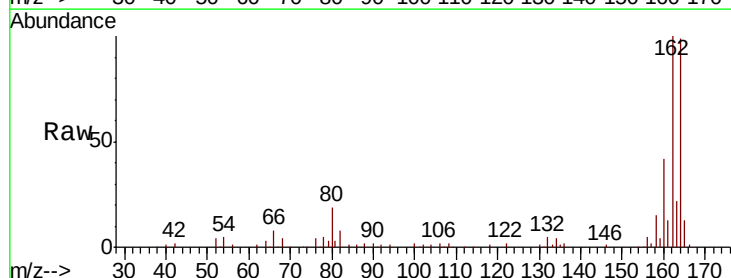
Instrument :
 BNA_F
 ClientSampleId :
 PB124094BL

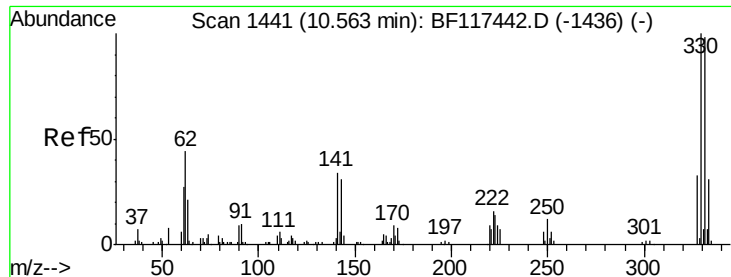
Tot Ion	82	Resp	361917
Ion Ratio	100	Lower	Upper
128	40.5	32.2	48.2
54	42.5	34.2	51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117478.D
 Acq: 22 Oct 2019 15:06

Tgt Ion	164	Resp	121518
Ion Ratio	100	Lower	Upper
162	100.6	81.8	122.6
160	41.8	34.4	51.6

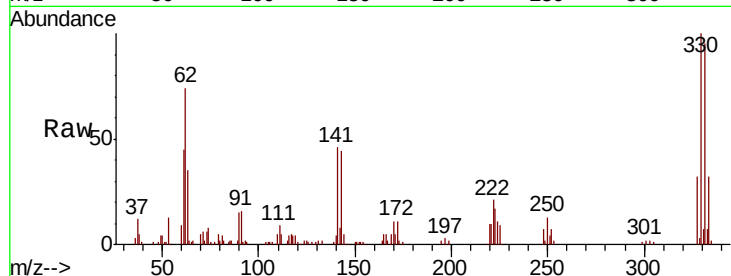




#42
 2,4,6-Tribromophenol
 Concen: 124.046 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117478.D
 Acq: 22 Oct 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.5	117.7
141	44.4	37.0	55.6

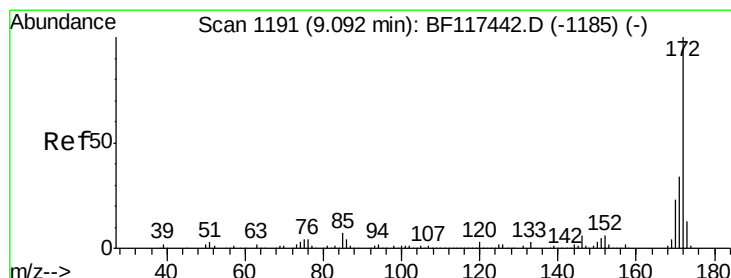
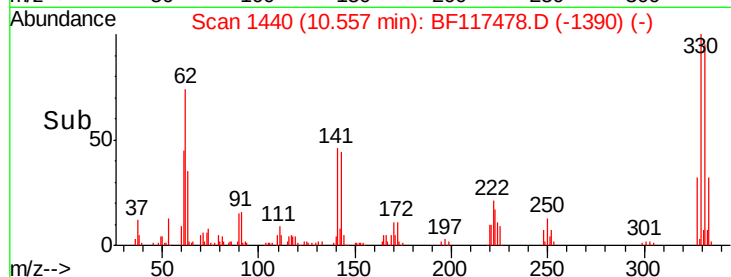
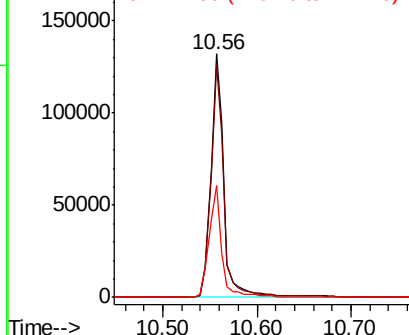


Abundance

Ion 329.80 (329.50 to 330.50): E

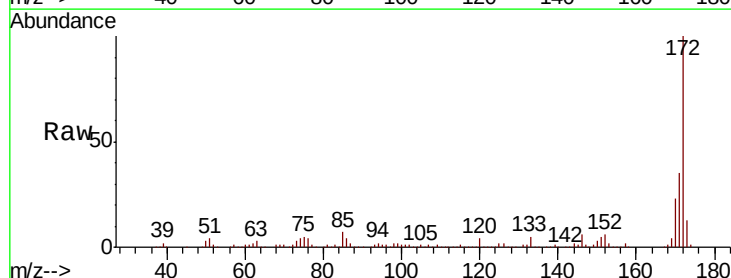
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.928 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117478.D
 Acq: 22 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.5	41.3
170	23.3	18.6	27.8

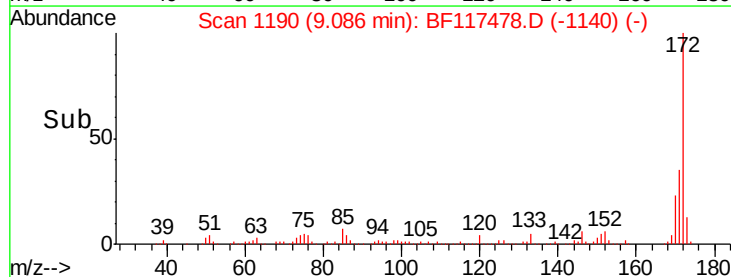
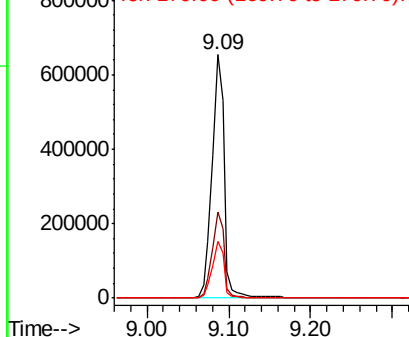


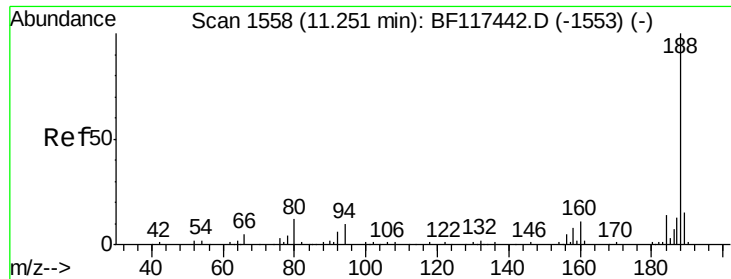
Abundance

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

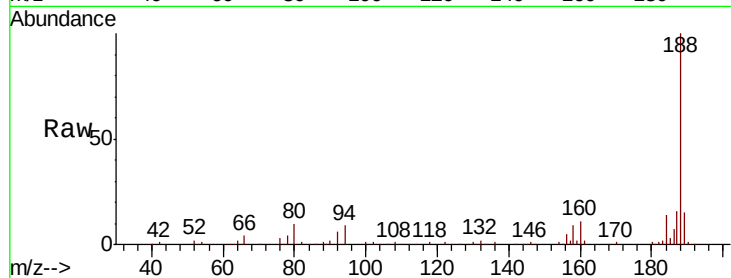




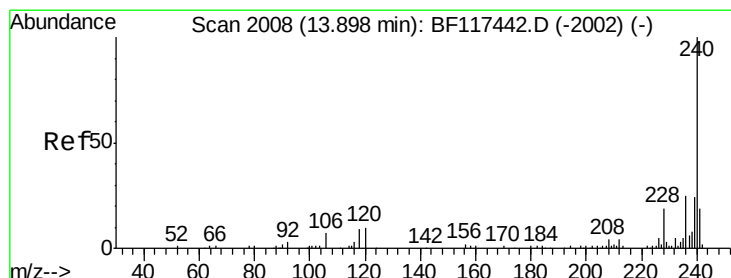
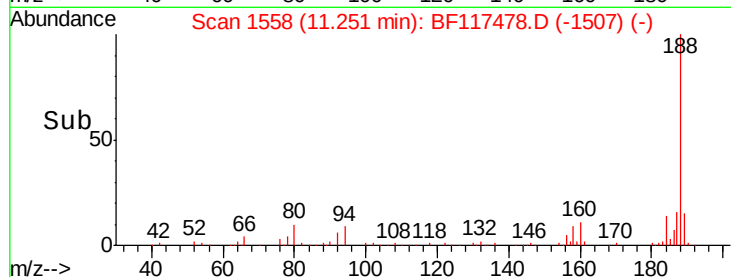
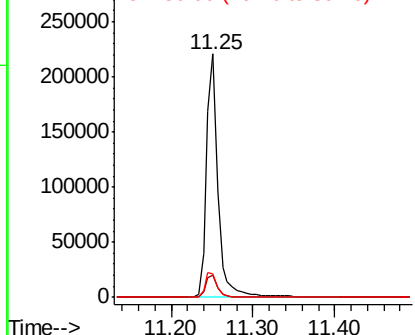
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117478.D
Acq: 22 Oct 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB124094BL

Tot Ion:188 Resp: 215971
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.7 9.5 14.3

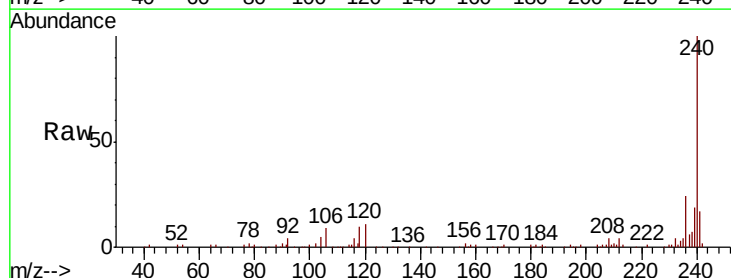


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

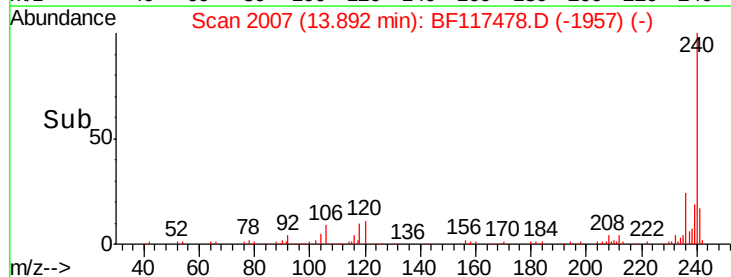
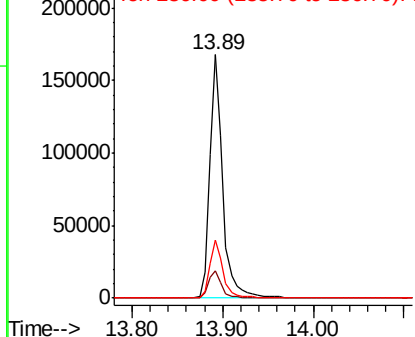


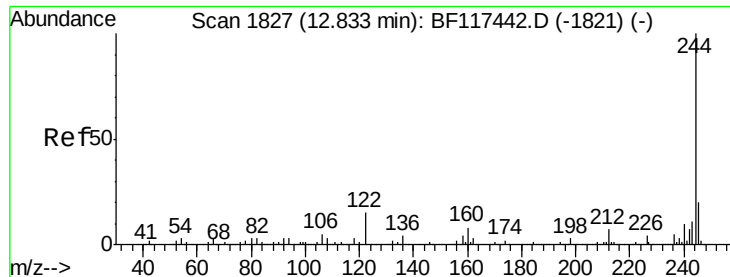
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117478.D
Acq: 22 Oct 2019 15:06

Tgt Ion:240 Resp: 168751
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 23.9 20.0 30.0



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: 75.849 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF117478.D

Acq: 22 Oct 2019 15:06

Instrument :

BNA_F

ClientSampled :

PB124094BL

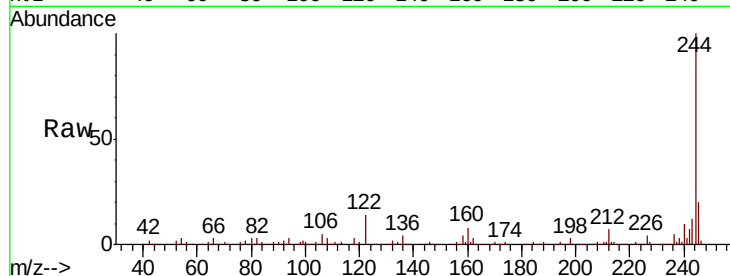
Tot Ion:244 Resp: 784710

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

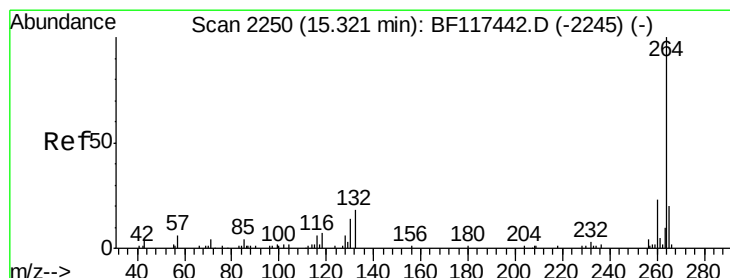
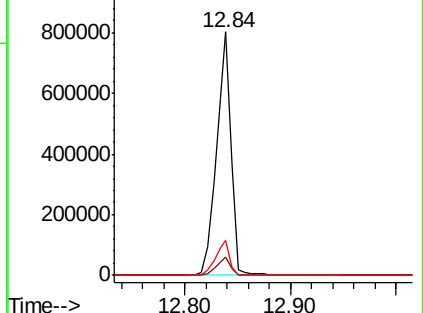
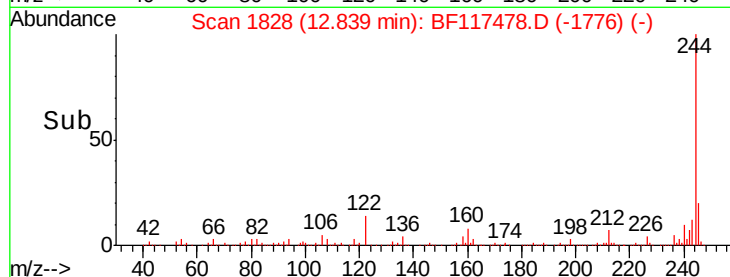
122 14.3 11.8 17.8



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: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117478.D

Acq: 22 Oct 2019 15:06

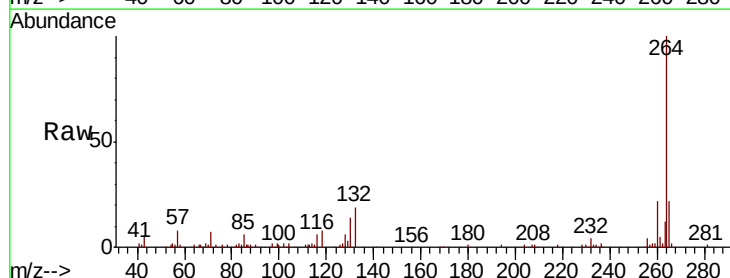
Tgt Ion:264 Resp: 139561

Ion Ratio Lower Upper

264 100

260 21.7 18.4 27.6

265 22.5 16.1 24.1



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

