

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117642.D
 Acq On : 31 Oct 2019 3:34
 Operator : JU
 Sample : PB124409BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BL

Quant Time: Oct 31 08:12:59 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	34062	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	130365	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	63863	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	90599	20.00	ng	0.00
76) Chrysene-d12	13.90	240	67065	20.00	ng	0.00
87) Perylene-d12	15.34	264	58338	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	161002	70.32	ng	0.00
7) Phenol-d6	6.39	99	227845	74.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	190550	72.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	29979	54.25	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	346590	76.47	ng	-0.01
79) Terphenyl-d14	12.83	244	266601	64.84	ng	0.00

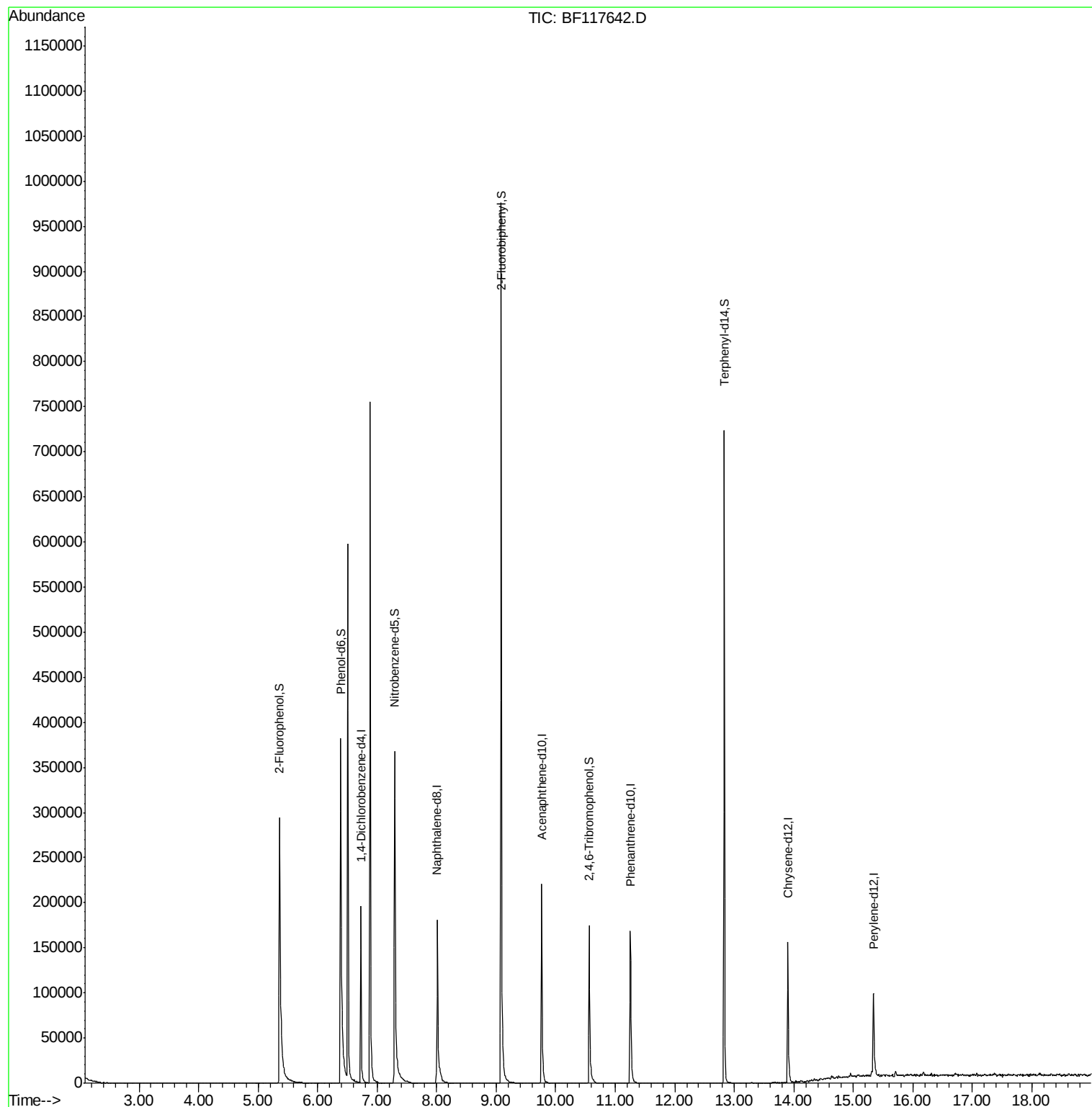
Target Compounds Qvalue

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

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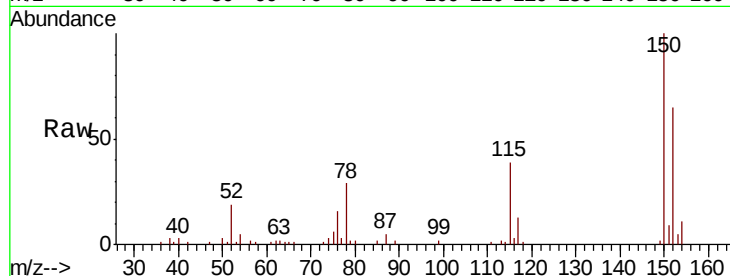


#1

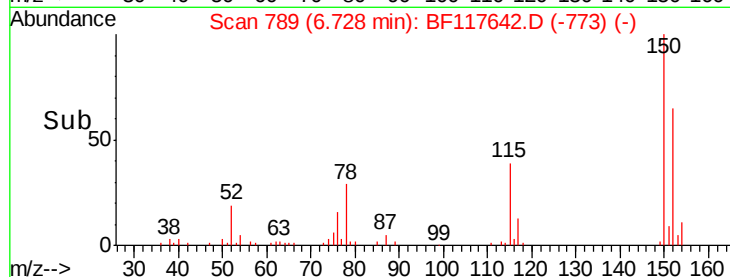
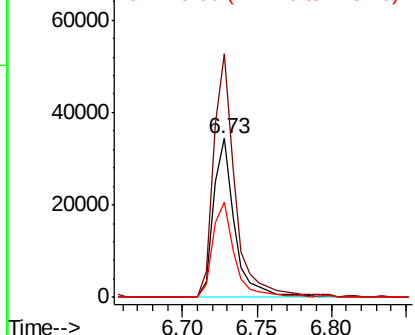
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117642.D
Acq: 31 Oct 2019 3:34

Instrument :
BNA_F
ClientSampleId :
PB124409BL

Tot Ion:152 Resp: 34062
Ion Ratio Lower Upper
152 100
150 153.4 126.8 190.2
115 59.9 51.6 77.4



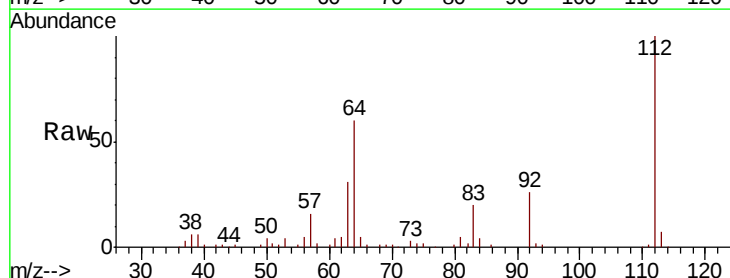
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



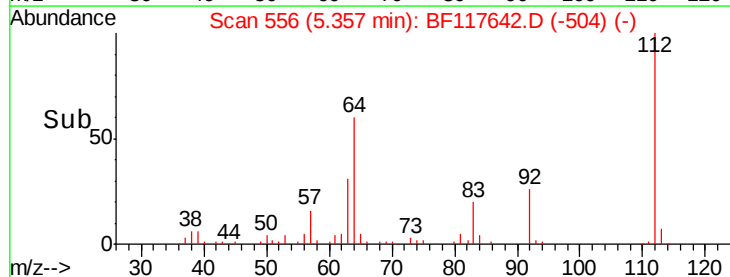
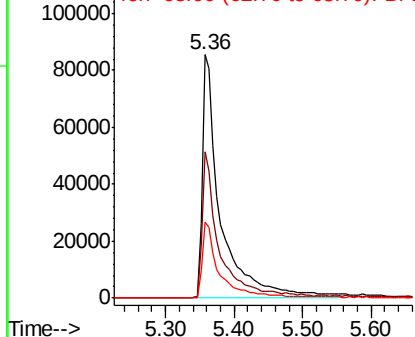
#5

2-Fluorophenol
Concen: 70.320 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117642.D
Acq: 31 Oct 2019 3:34

Tgt Ion:112 Resp: 161002
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 31.1 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: 74.092 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117642.D

Acq: 31 Oct 2019 3:34

Instrument :

BNA_F

ClientSampleId :

PB124409BL

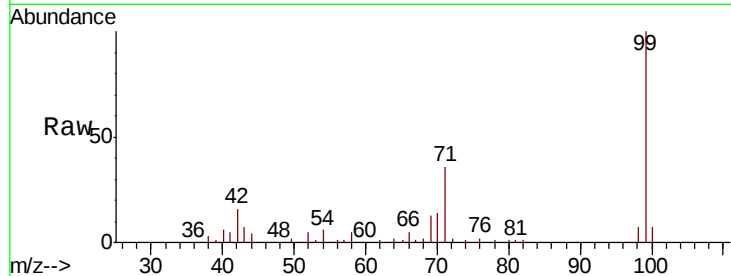
Tot Ion: 99 Resp: 227845

Ion Ratio Lower Upper

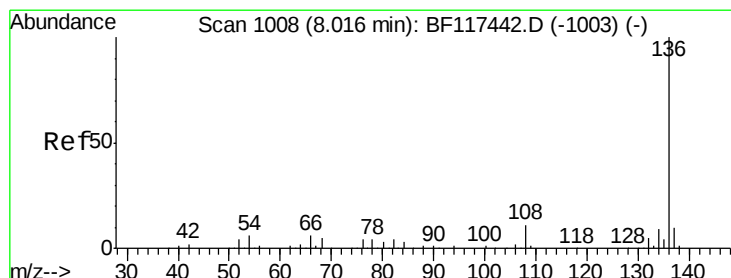
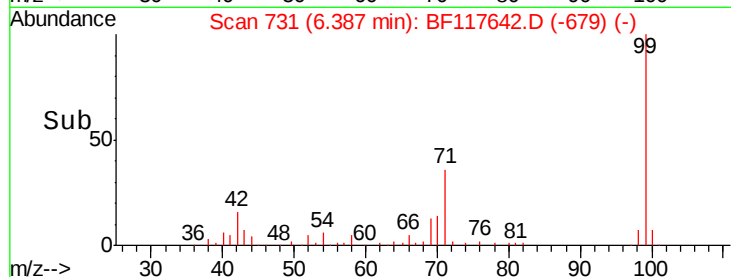
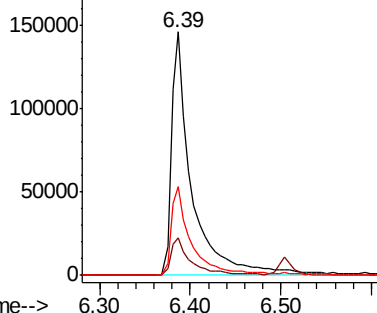
99 100

42 15.6 12.8 19.2

71 36.3 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: BF117642.D

Acq: 31 Oct 2019 3:34

Tgt Ion: 136 Resp: 130365

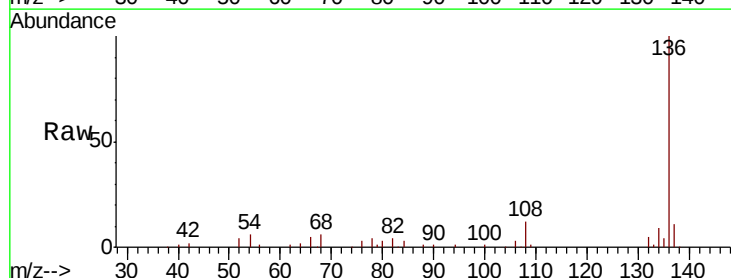
Ion Ratio Lower Upper

136 100

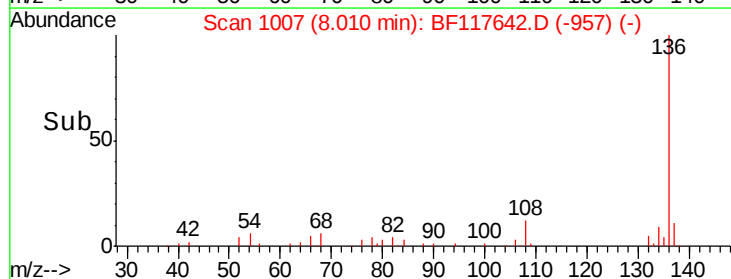
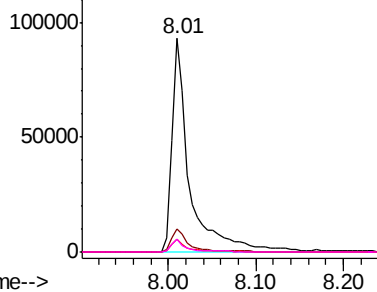
137 10.7 8.2 12.4

54 5.8 4.5 6.7

68 5.8 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

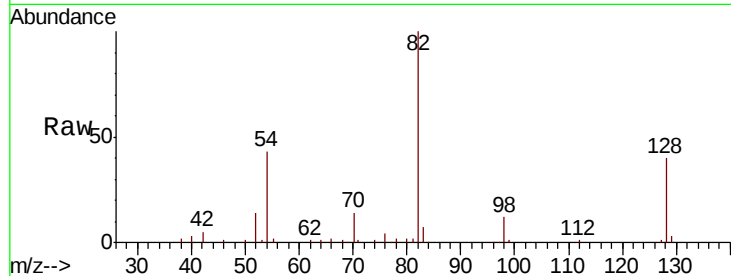




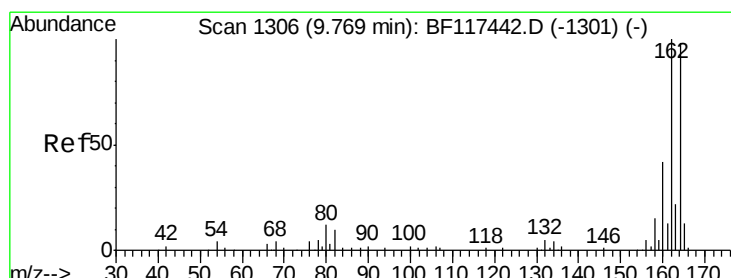
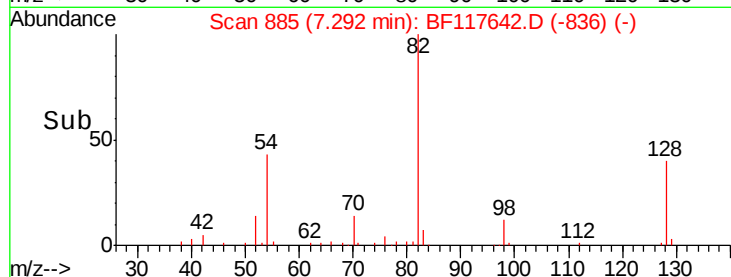
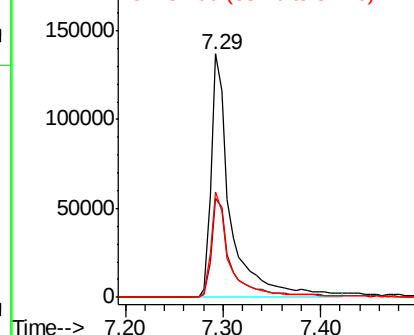
#23
 Nitrobenzene-d5
 Concen: 72.159 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117642.D
 Acq: 31 Oct 2019 3:34

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BL

Tot Ion	82	Resp	190550
Ion Ratio	100	Lower	Upper
128	40.4	32.2	48.2
54	43.2	34.2	51.2

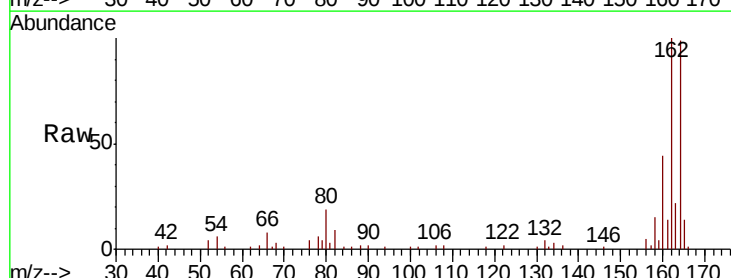


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

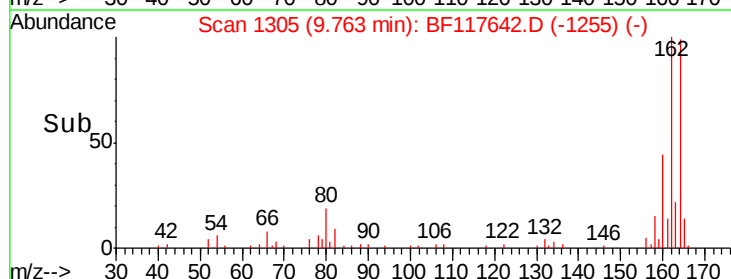
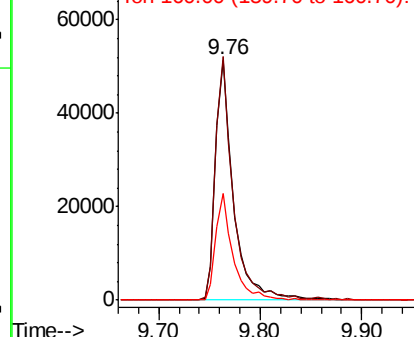


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117642.D
 Acq: 31 Oct 2019 3:34

Tgt Ion	164	Resp	63863
Ion Ratio	100	Lower	Upper
162	101.3	81.8	122.6
160	44.6	34.4	51.6



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: 54.253 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117642.D

Acq: 31 Oct 2019 3:34

Instrument :

BNA_F

ClientSampleId :

PB124409BL

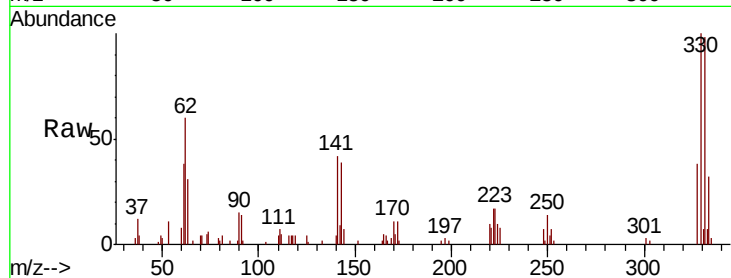
Tot Ion:330 Resp: 29979

Ion Ratio Lower Upper

330 100

332 97.6 78.5 117.7

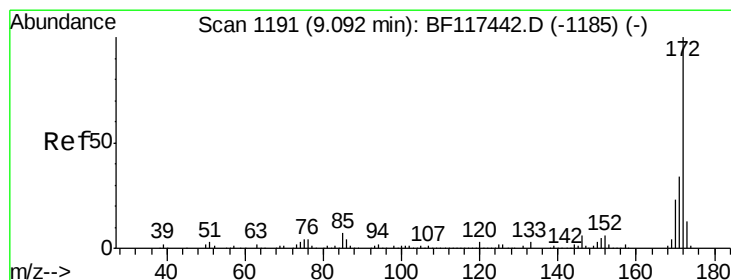
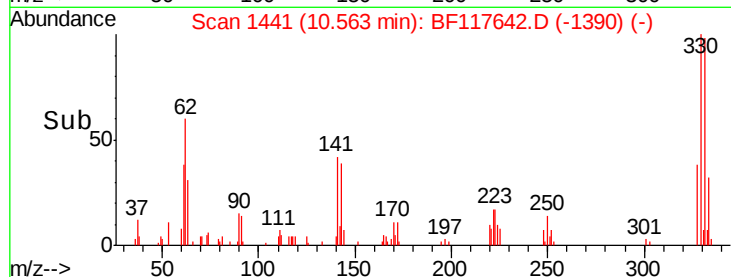
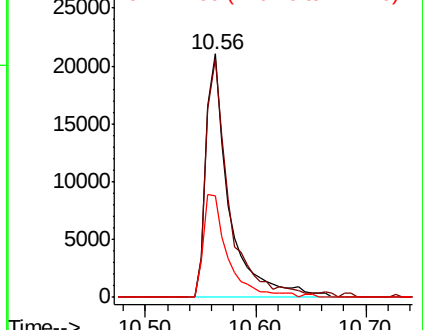
141 43.9 37.0 55.6



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: 76.467 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117642.D

Acq: 31 Oct 2019 3:34

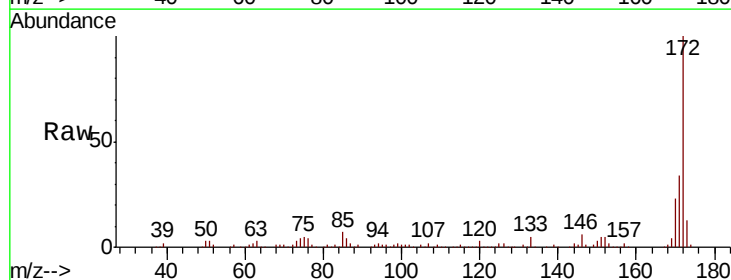
Tgt Ion:172 Resp: 346590

Ion Ratio Lower Upper

172 100

171 34.3 27.5 41.3

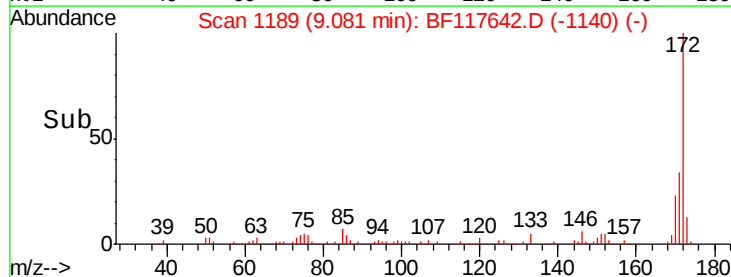
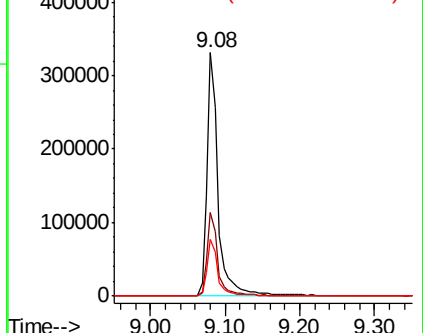
170 23.3 18.6 27.8

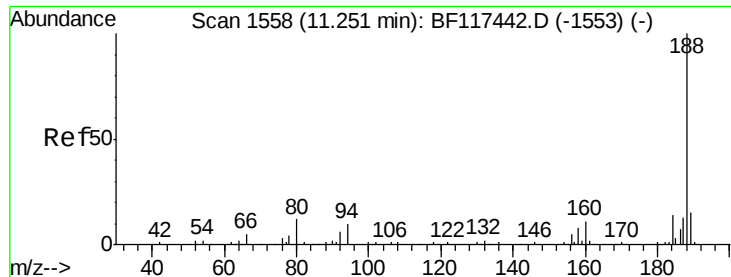


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF117642.D

Acq: 31 Oct 2019 3:34

Instrument :

BNA_F

ClientSampleId :

PB124409BL

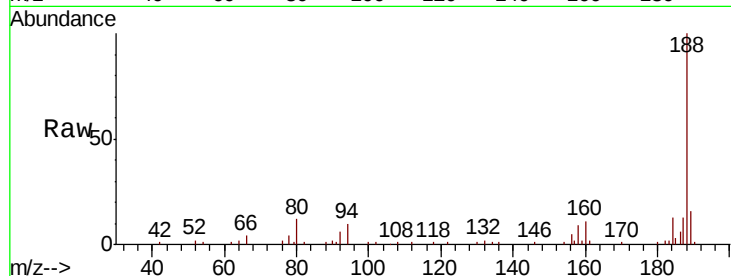
Tot Ion:188 Resp: 90599

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

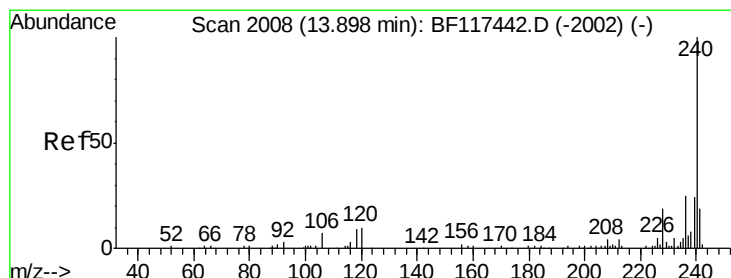
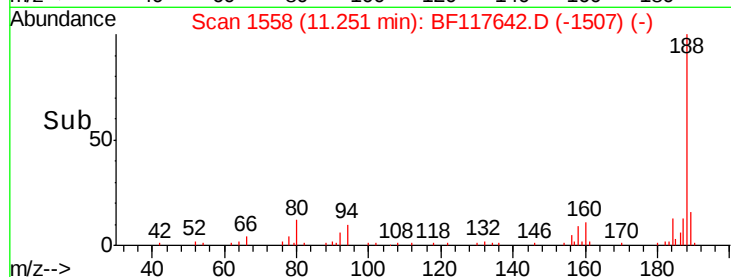
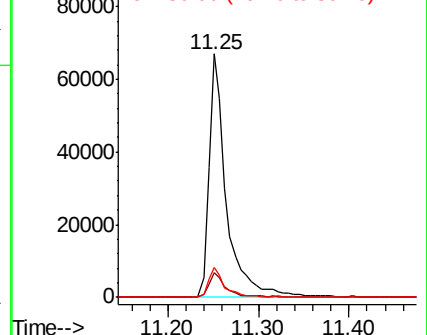
80 12.4 9.5 14.3



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF117642.D

Acq: 31 Oct 2019 3:34

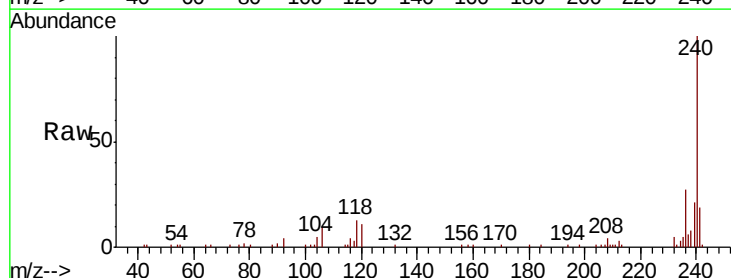
Tgt Ion:240 Resp: 67065

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

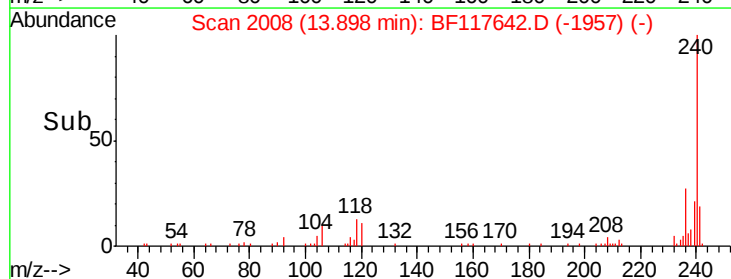
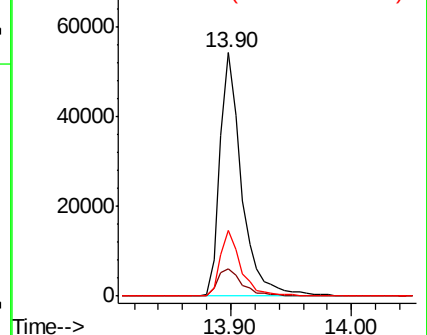
236 27.0 20.0 30.0

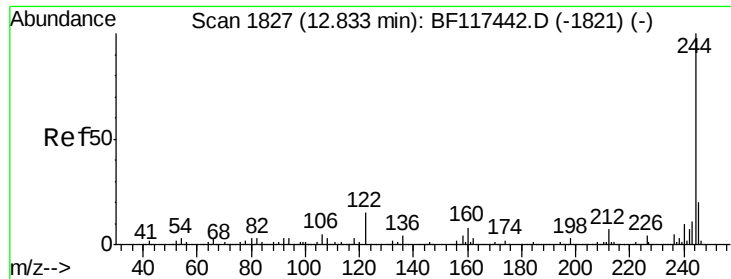


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.841 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117642.D

Acq: 31 Oct 2019 3:34

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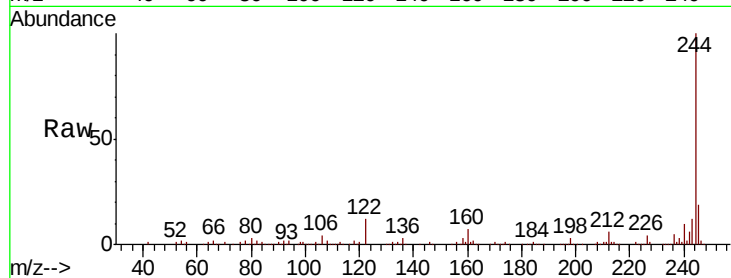
Tot Ion:244 Resp: 266601

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

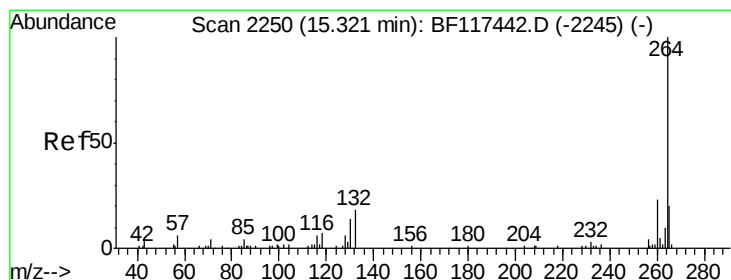
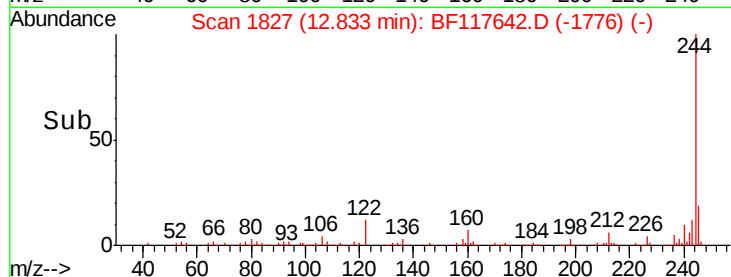
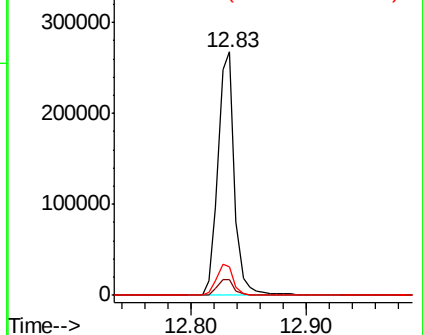
122 11.9 11.8 17.8



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: 15.34 min Scan# 2253

Delta R.T. 0.02 min

Lab File: BF117642.D

Acq: 31 Oct 2019 3:34

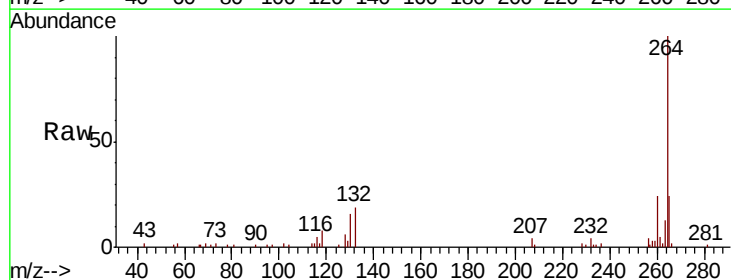
Tgt Ion:264 Resp: 58338

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 23.6 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

