

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117425.D
 Acq On : 17 Oct 2019 16:37
 Operator : JU
 Sample : PB124065BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124065BL

Quant Time: Oct 18 04:50:55 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	58214	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	231749	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	124092	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	210794	20.00	ng	0.00
76) Chrysene-d12	13.96	240	158850	20.00	ng	0.00
87) Perylene-d12	15.42	264	142772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	402685	106.43	ng	0.01
7) Phenol-d6	6.44	99	545881	108.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	344892	75.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	114555	113.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	635069	74.61	ng	0.00
79) Terphenyl-d14	12.90	244	655635	67.28	ng	0.00

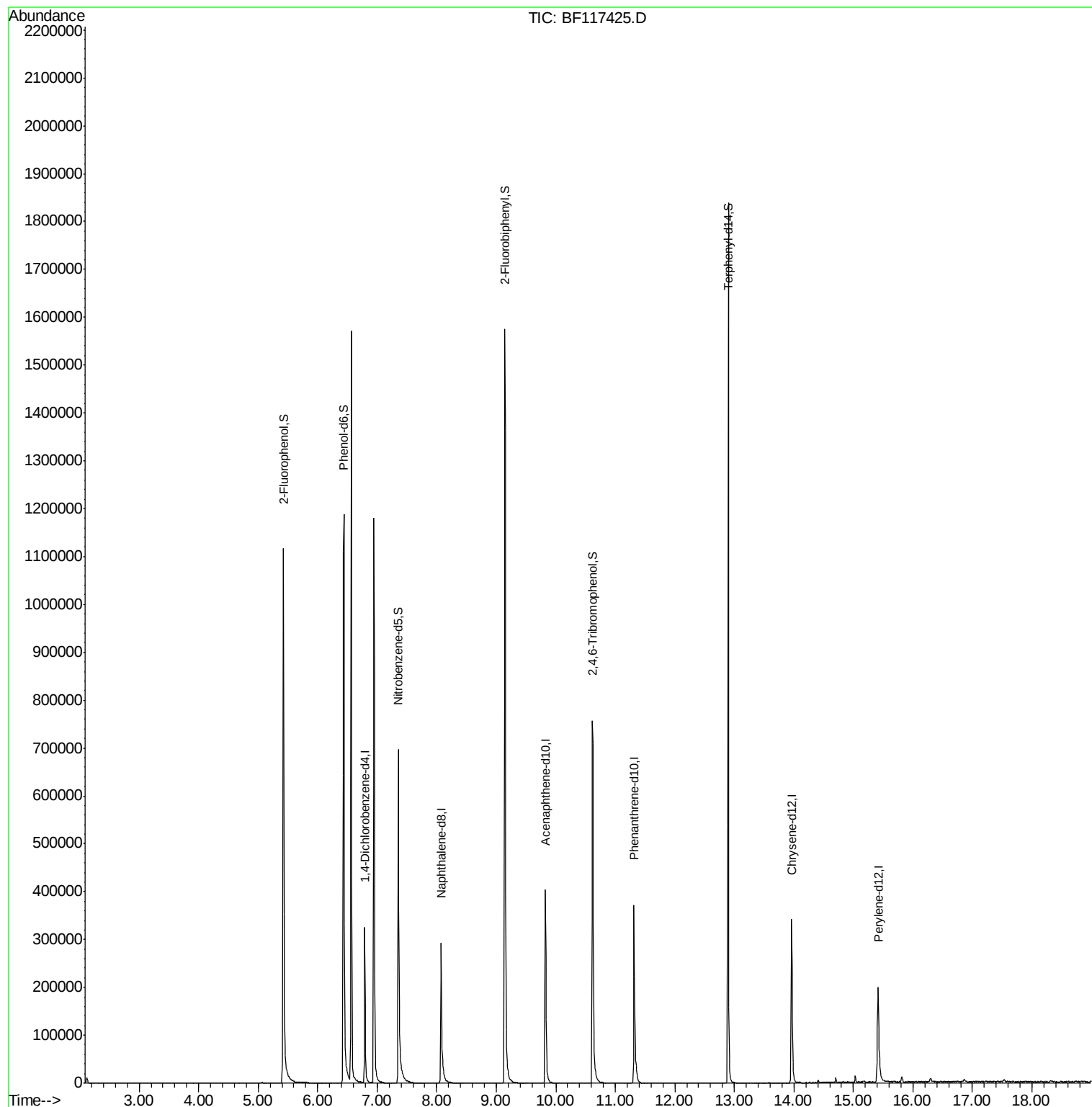
Target Compounds Qvalue

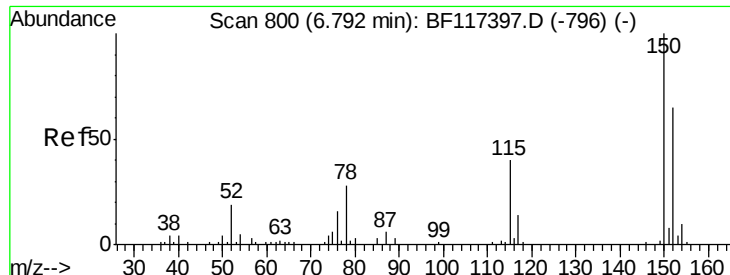
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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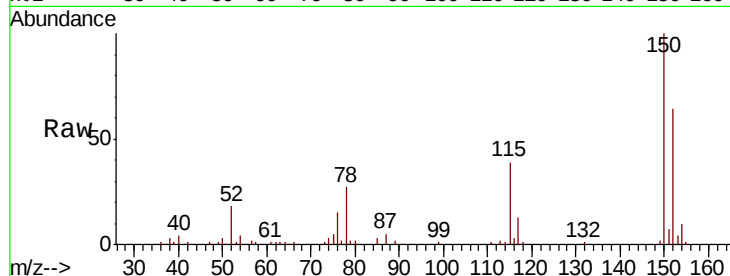


#1

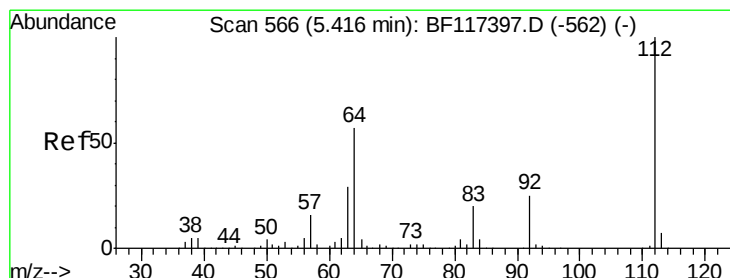
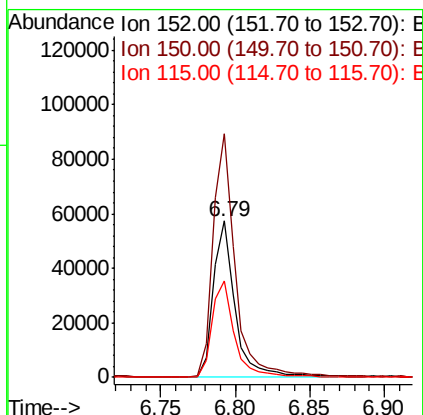
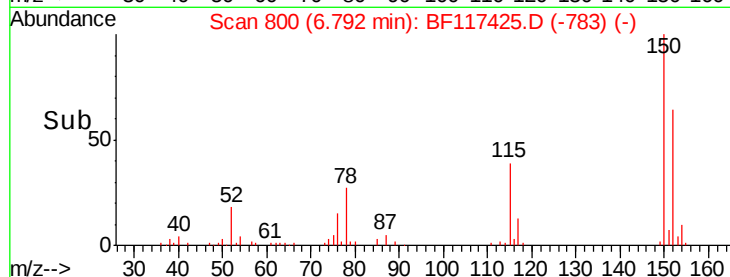
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117425.D
Acq: 17 Oct 2019 16:37

Instrument :
BNA_F
ClientSampleId :
PB124065BL

Tot Ion:152 Resp: 58214
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 61.4 48.6 73.0



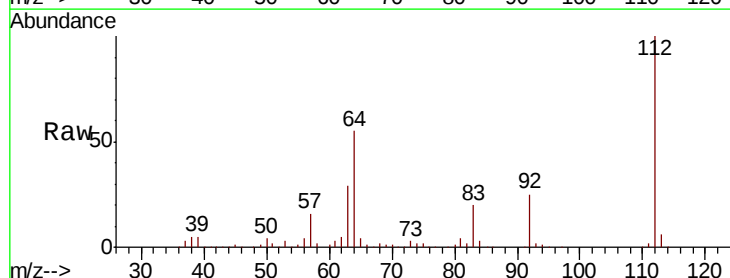
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



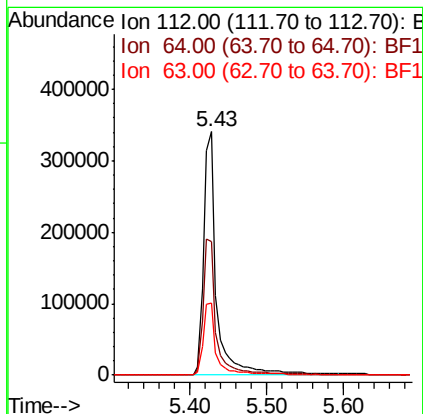
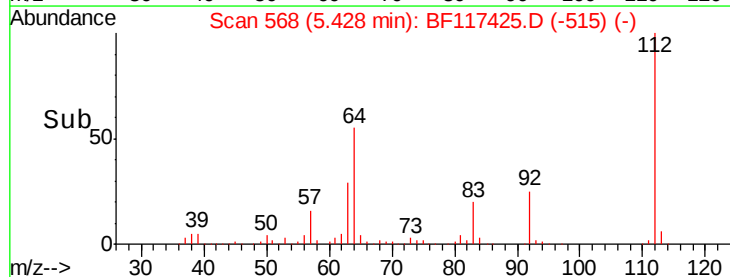
#5

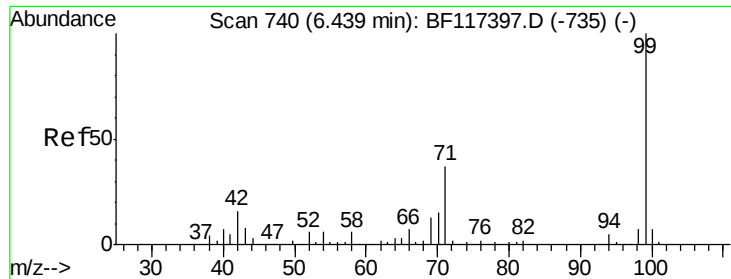
2-Fluorophenol
Concen: 106.432 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117425.D
Acq: 17 Oct 2019 16:37

Tgt Ion:112 Resp: 402685
Ion Ratio Lower Upper
112 100
64 55.0 45.2 67.8
63 29.4 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: 108.742 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117425.D

Acq: 17 Oct 2019 16:37

Instrument :

BNA_F

ClientSampleId :

PB124065BL

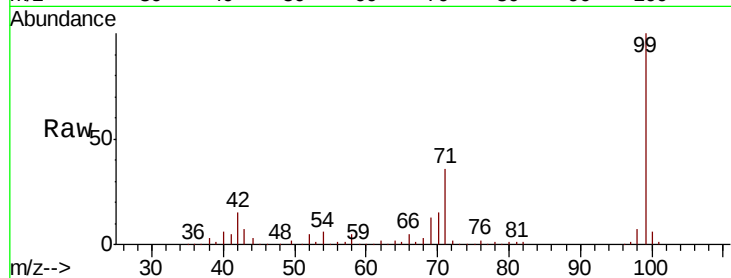
Tot Ion: 99 Resp: 545881

Ion Ratio Lower Upper

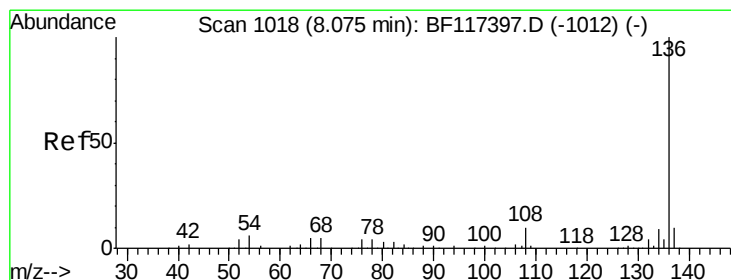
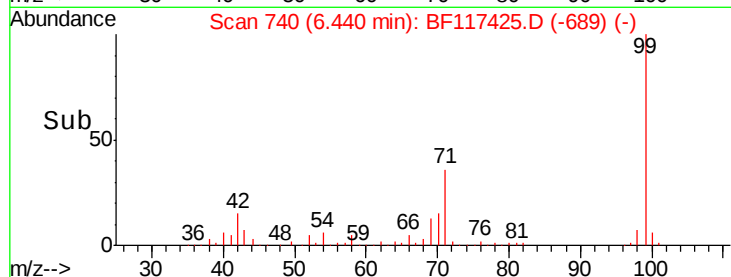
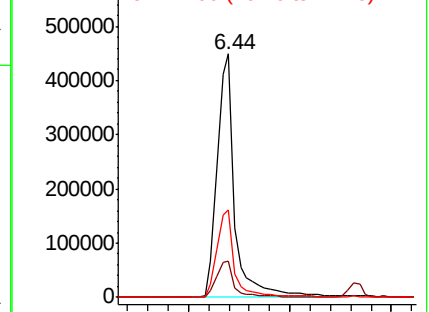
99 100

42 15.0 12.5 18.7

71 36.1 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: BF117425.D

Acq: 17 Oct 2019 16:37

Tgt Ion: 136 Resp: 231749

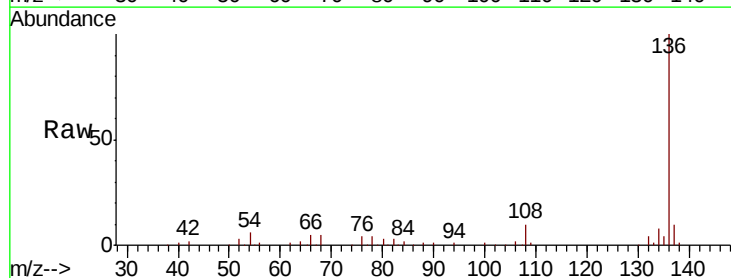
Ion Ratio Lower Upper

136 100

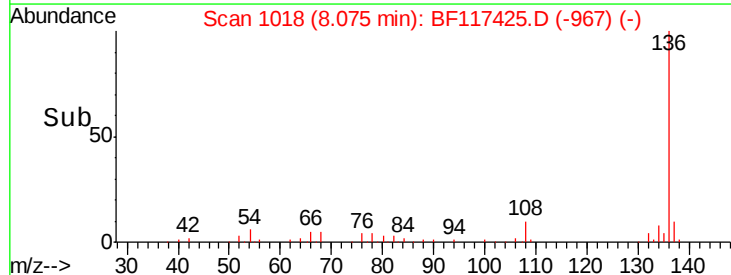
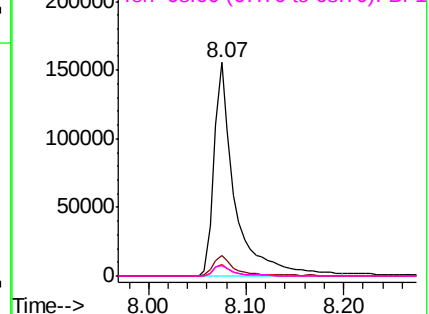
137 9.8 8.4 12.6

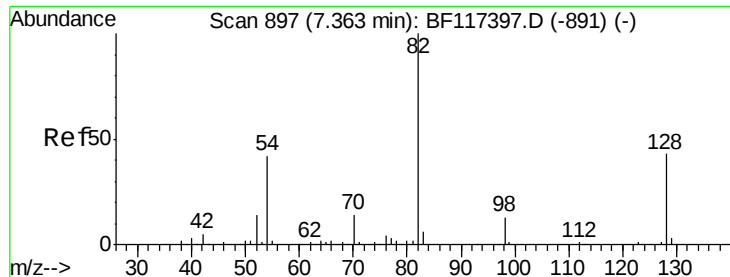
54 5.5 4.6 6.8

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

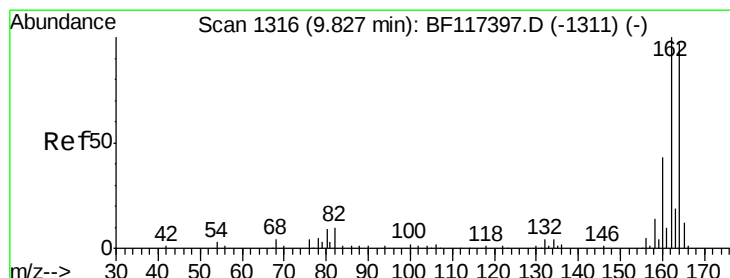
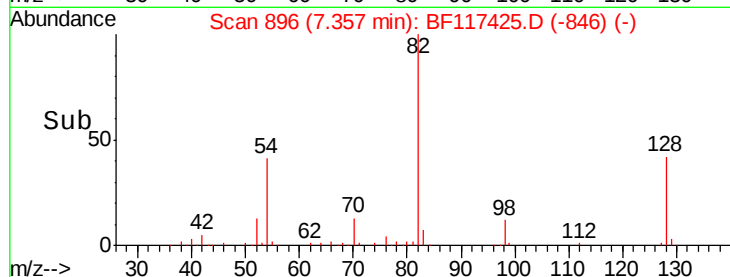
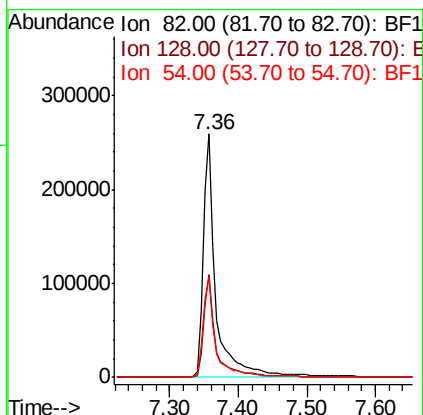
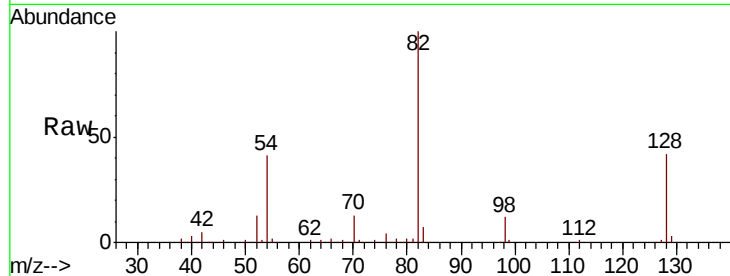




#23
 Nitrobenzene-d5
 Concen: 75.438 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117425.D
 Acq: 17 Oct 2019 16:37

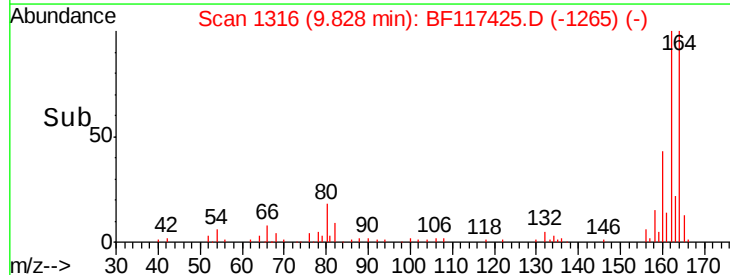
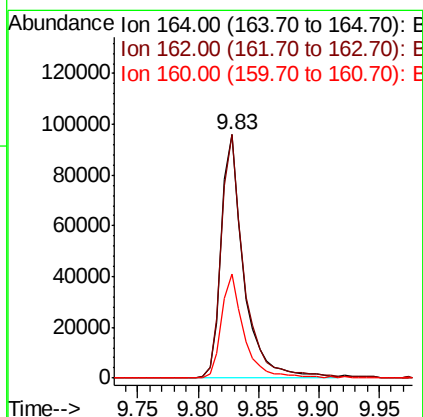
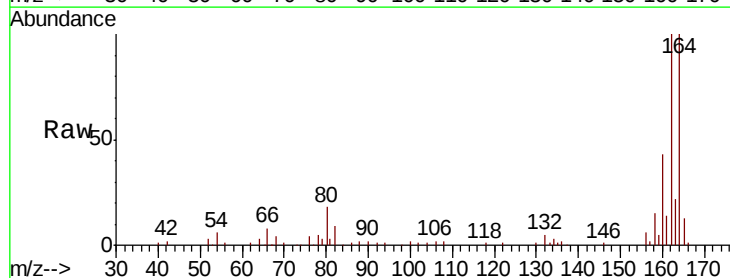
Instrument :
 BNA_F
 ClientSampleId :
 PB124065BL

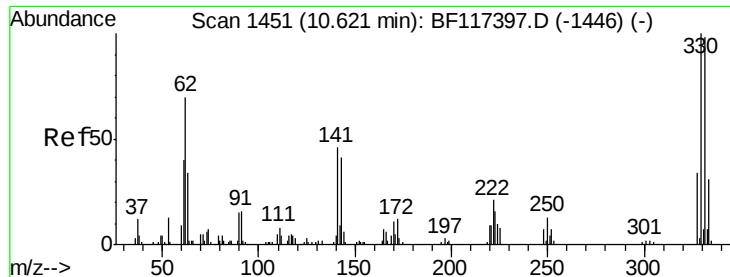
Tot Ion	82	Resp	344892
Ion Ratio	100	Lower	Upper
128	42.0	34.1	51.1
54	41.4	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF117425.D
 Acq: 17 Oct 2019 16:37

Tgt Ion	164	Resp	124092
Ion Ratio	100	Lower	Upper
162	100.0	82.4	123.6
160	42.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 113.427 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117425.D

Acq: 17 Oct 2019 16:37

Instrument :

BNA_F

ClientSampleId :

PB124065BL

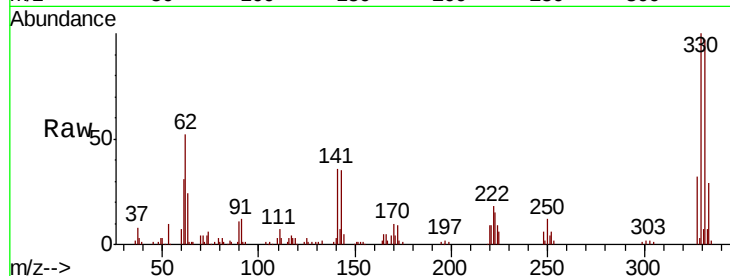
Tot Ion:330 Resp: 114555

Ion Ratio Lower Upper

330 100

332 98.1 75.0 112.6

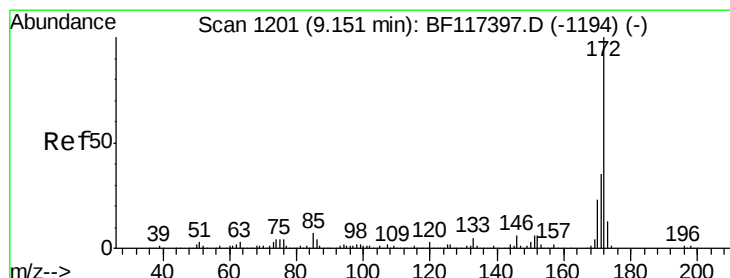
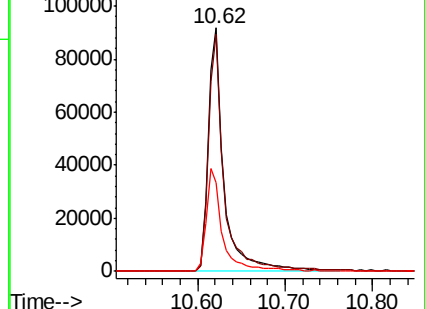
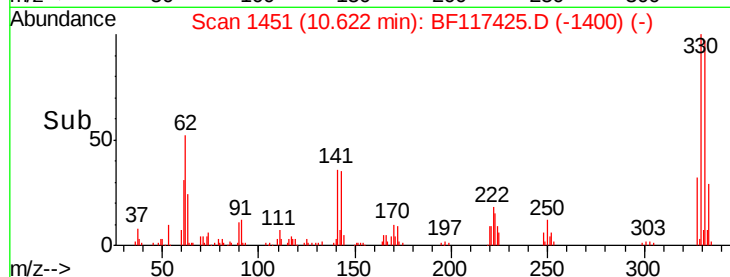
141 43.5 34.2 51.4



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: 74.610 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117425.D

Acq: 17 Oct 2019 16:37

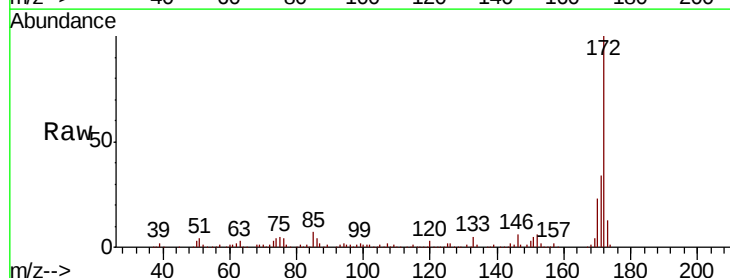
Tgt Ion:172 Resp: 635069

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

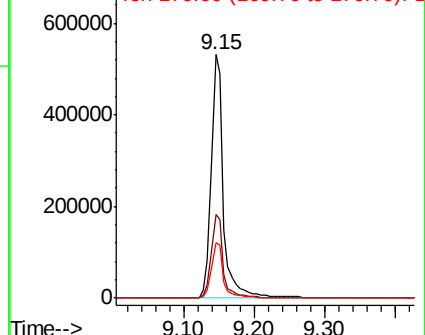
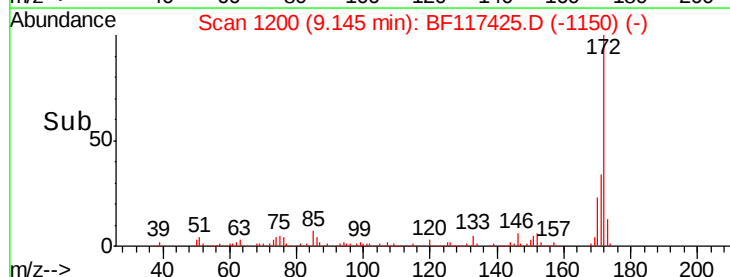
170 22.6 18.2 27.2

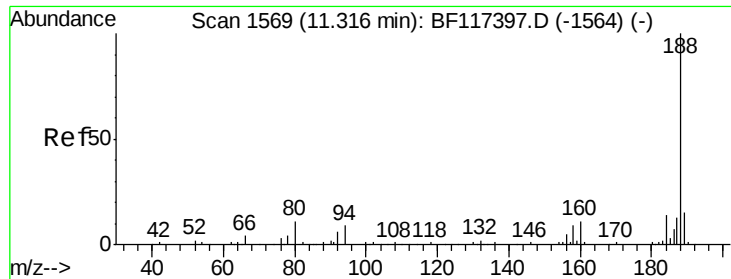


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

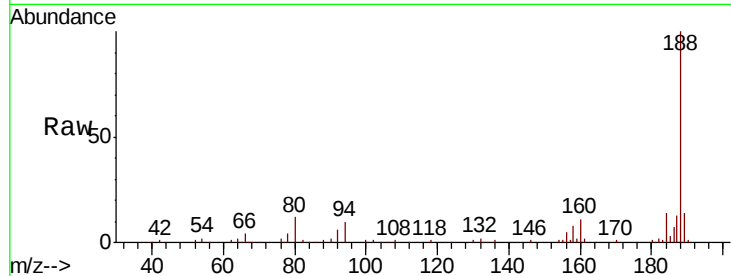




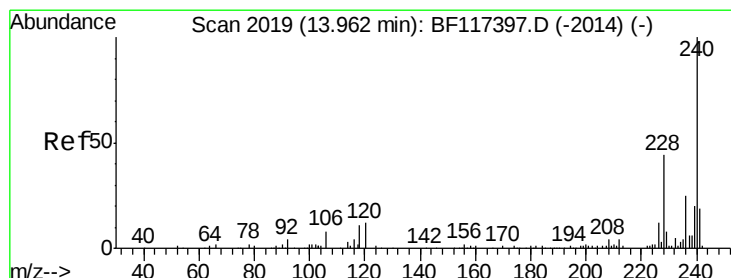
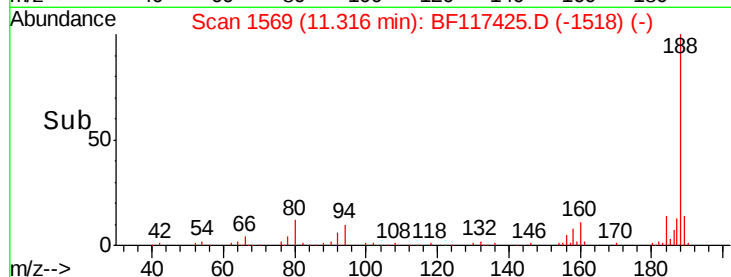
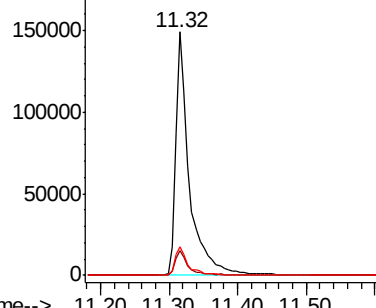
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117425.D
Acq: 17 Oct 2019 16:37

Instrument :
BNA_F
ClientSampleId :
PB124065BL

Tot Ion:188 Resp: 210794
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.5 8.7 13.1

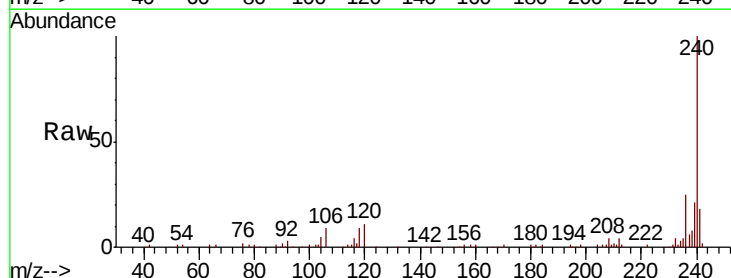


Abundance Ion 188.00 (187.70 to 188.70): E
200000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

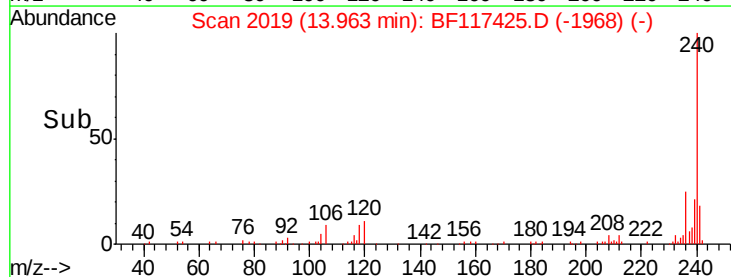
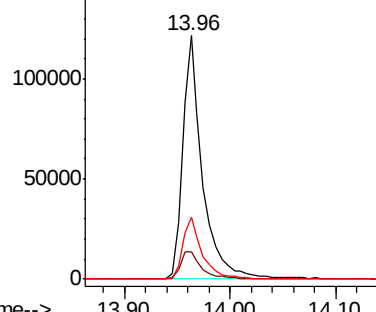


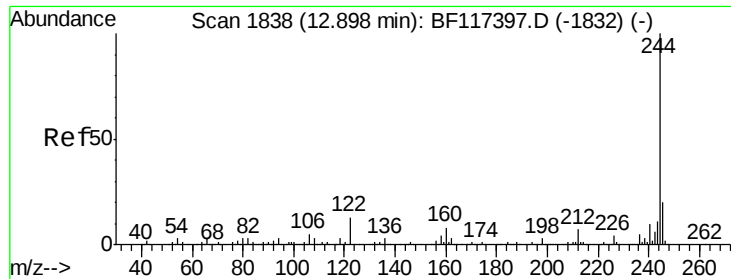
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117425.D
Acq: 17 Oct 2019 16:37

Tgt Ion:240 Resp: 158850
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.3 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E
150000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.283 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117425.D

Acq: 17 Oct 2019 16:37

Instrument :

BNA_F

ClientSampleId :

PB124065BL

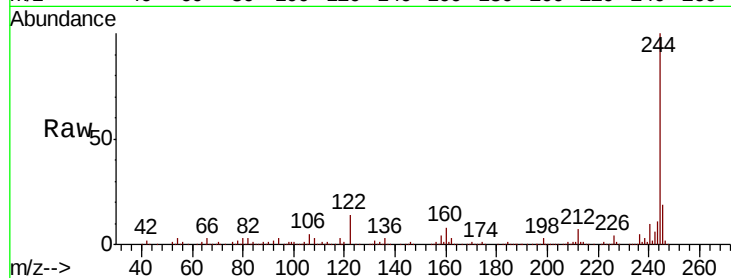
Tot Ion:244 Resp: 655635

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

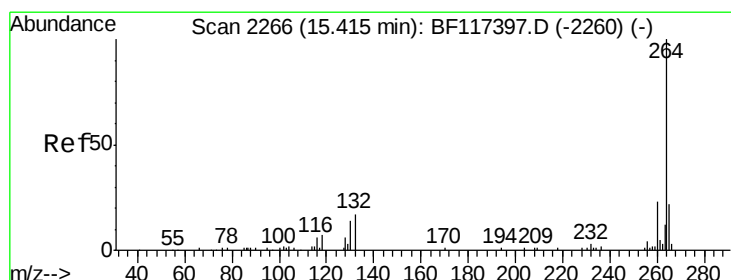
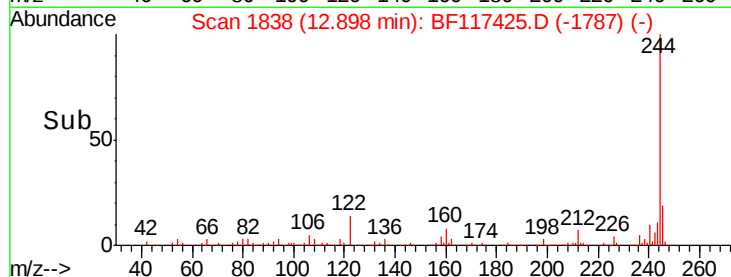
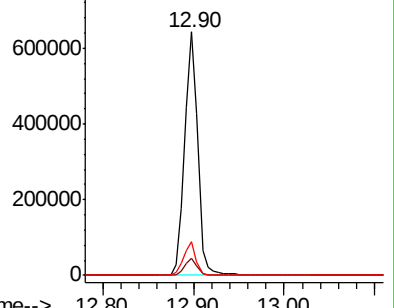
122 13.7 10.7 16.1



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: BF117425.D

Acq: 17 Oct 2019 16:37

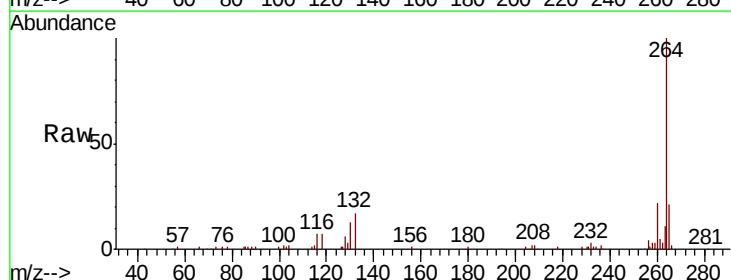
Tgt Ion:264 Resp: 142772

Ion Ratio Lower Upper

264 100

260 21.7 18.6 27.8

265 20.5 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

