

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116983.D
 Acq On : 12 Sep 2019 10:44
 Operator : HP/JU
 Sample : PB122853BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BL

Quant Time: Sep 12 14:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	99785	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	395015	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	208788	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	341401	20.00	ng	0.00
76) Chrysene-d12	13.97	240	229089	20.00	ng	0.00
87) Perylene-d12	15.42	264	187544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	690449	112.10	ng	0.02
7) Phenol-d6	6.46	99	921794	113.97	ng	0.00
23) Nitrobenzene-d5	7.39	82	596858	86.26	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	201343	144.25	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1058580	85.53	ng	0.00
79) Terphenyl-d14	12.92	244	982152	79.31	ng	0.00

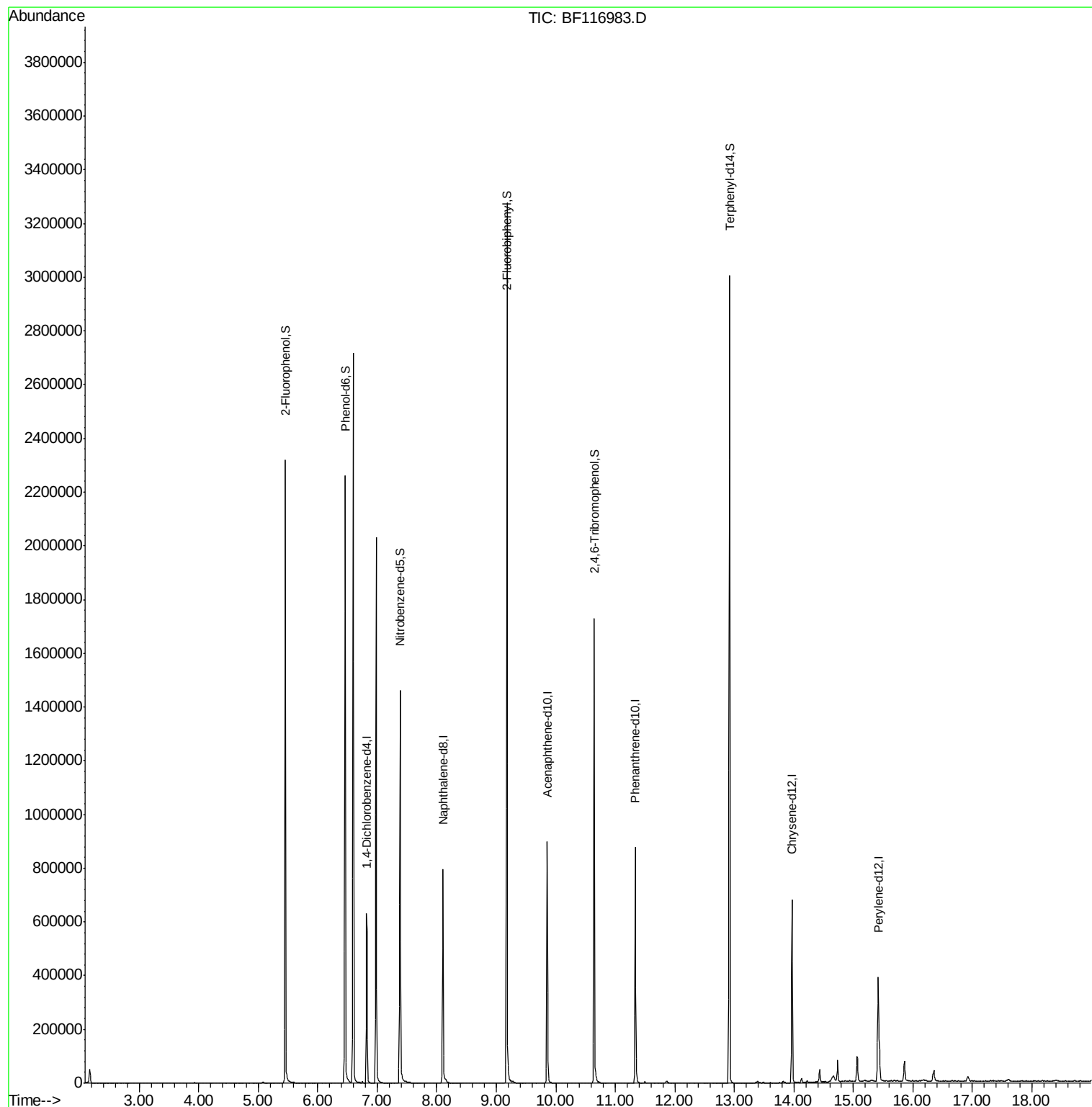
Target Compounds Qvalue

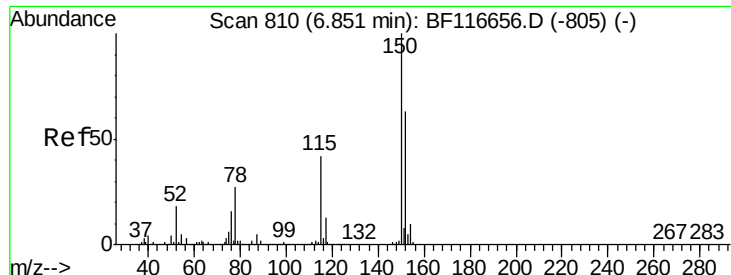
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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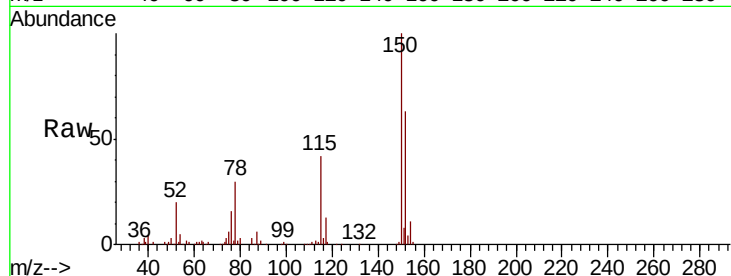


#1

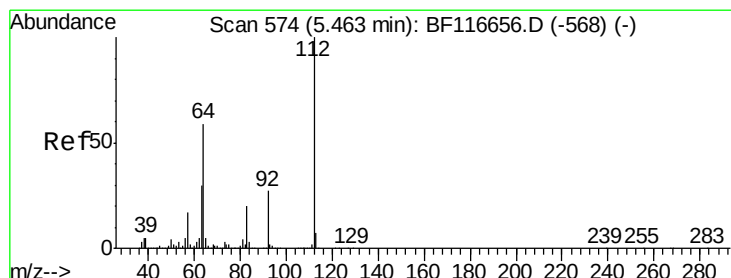
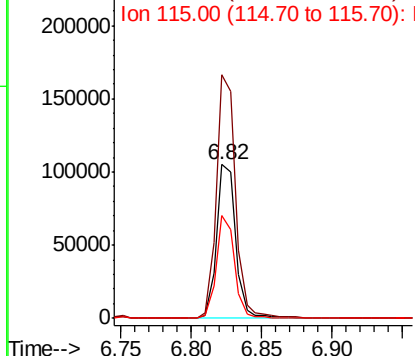
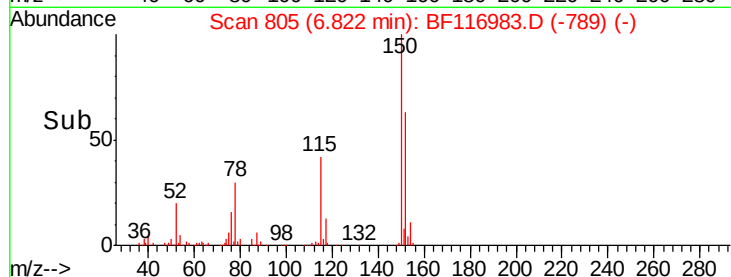
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116983.D
Acq: 12 Sep 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB122853BL

Tot Ion:152 Resp: 99785
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 67.1 50.2 75.2



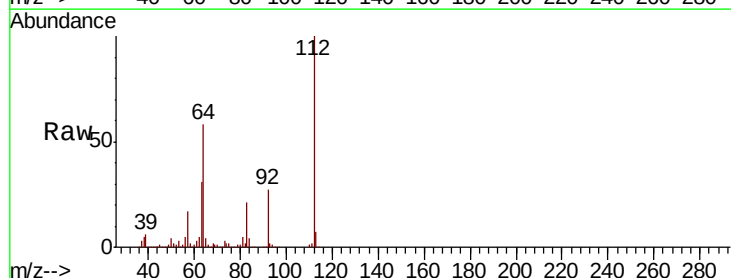
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



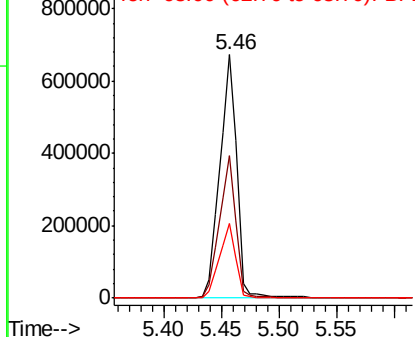
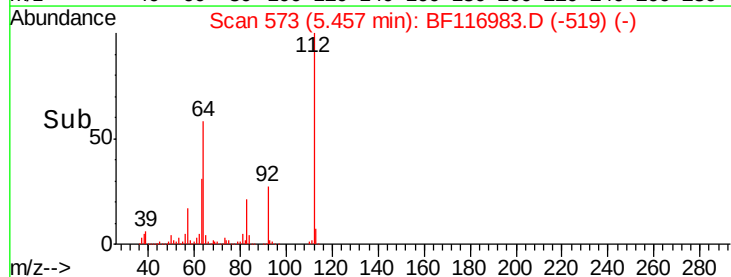
#5

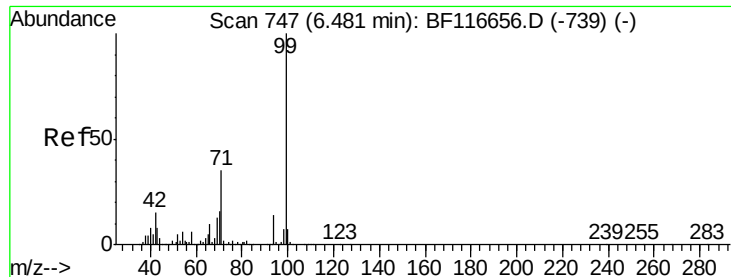
2-Fluorophenol
Concen: 112.098 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116983.D
Acq: 12 Sep 2019 10:44

Tgt Ion:112 Resp: 690449
Ion Ratio Lower Upper
112 100
64 58.4 47.1 70.7
63 30.9 25.4 38.0



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: 113.972 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116983.D

Acq: 12 Sep 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB122853BL

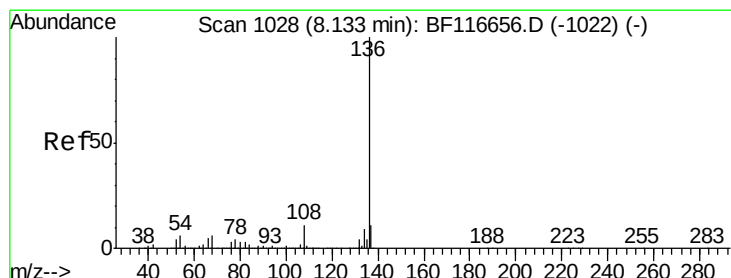
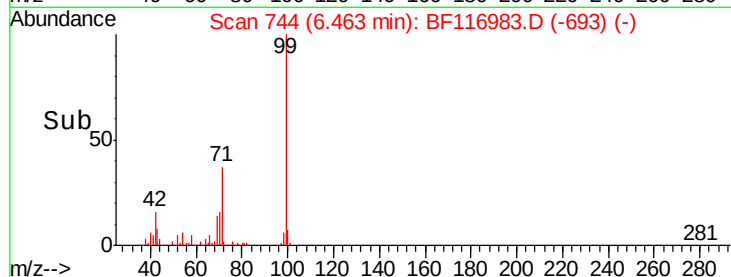
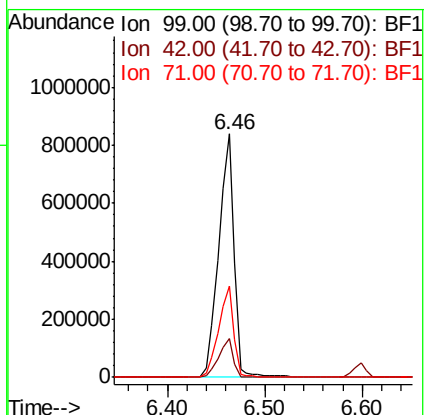
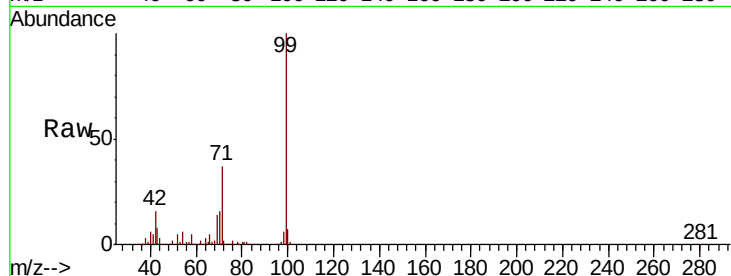
Tot Ion: 99 Resp: 921794

Ion Ratio Lower Upper

99 100

42 15.9 12.0 18.0

71 37.4 29.7 44.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF116983.D

Acq: 12 Sep 2019 10:44

Tgt Ion: 136 Resp: 395015

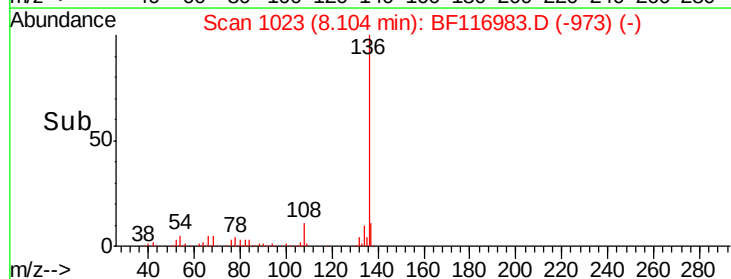
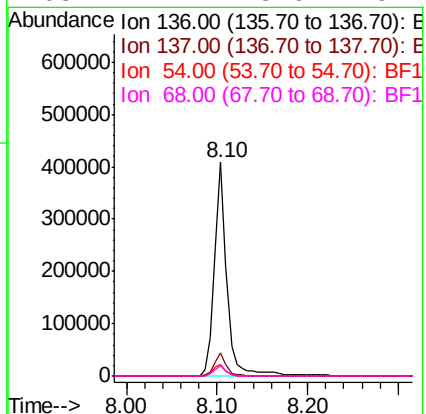
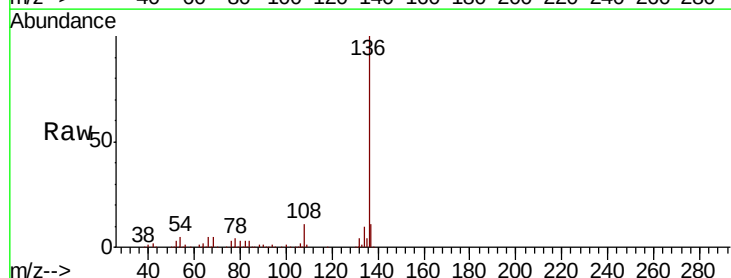
Ion Ratio Lower Upper

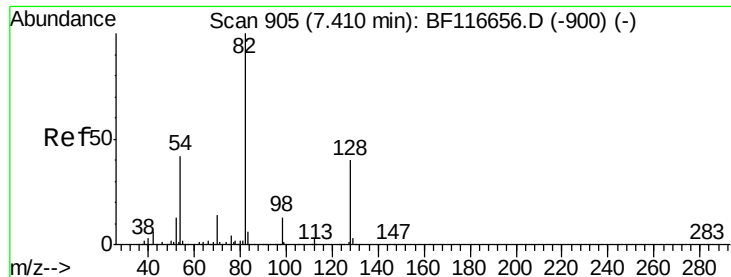
136 100

137 11.1 8.5 12.7

54 5.2 3.8 5.8

68 4.7 3.6 5.4





#23

Nitrobenzene-d5

Concen: 86.258 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF116983.D

Acq: 12 Sep 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB122853BL

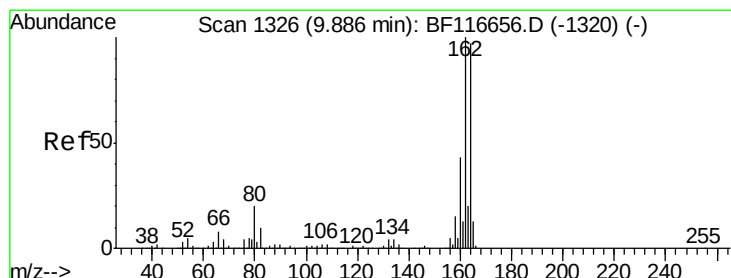
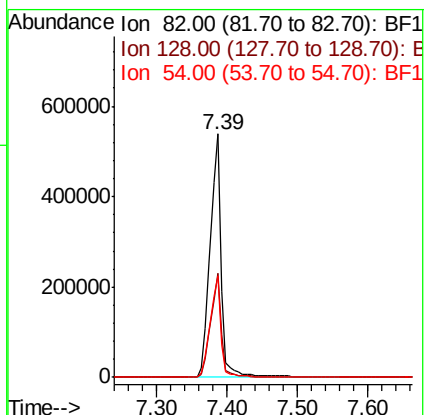
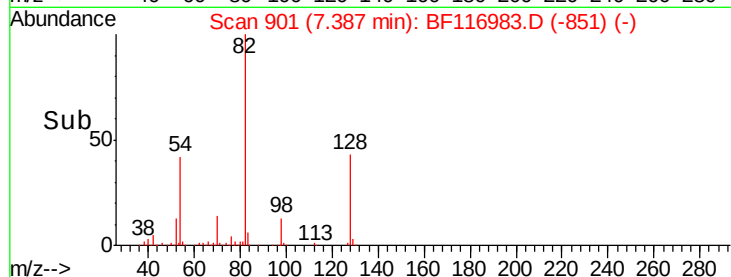
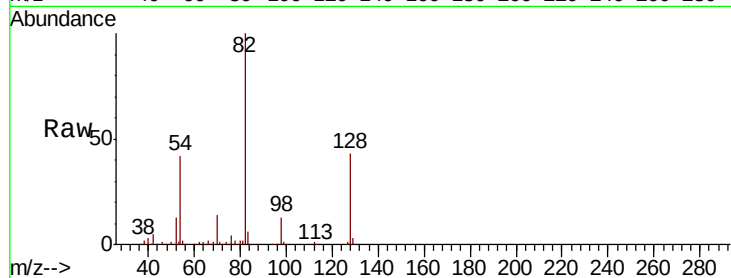
Tot Ion: 82 Resp: 596858

Ion Ratio Lower Upper

82 100

128 42.9 35.0 52.4

54 41.6 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF116983.D

Acq: 12 Sep 2019 10:44

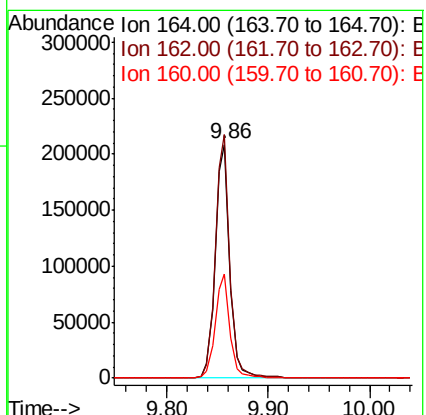
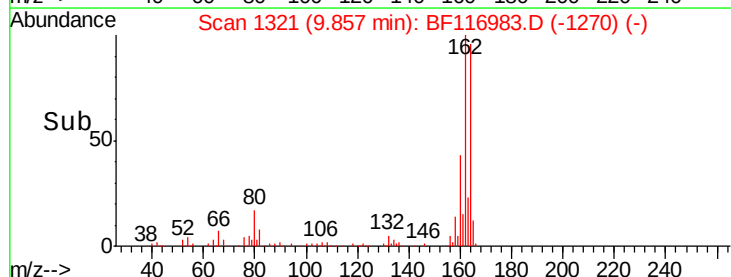
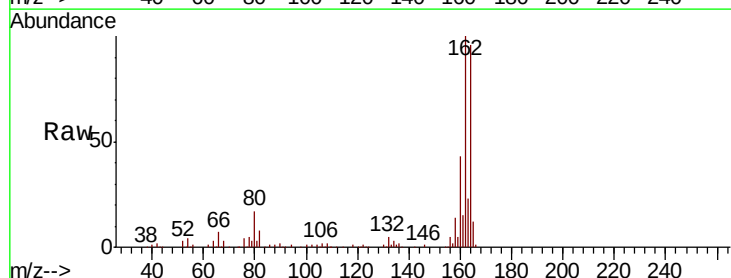
Tgt Ion: 164 Resp: 208788

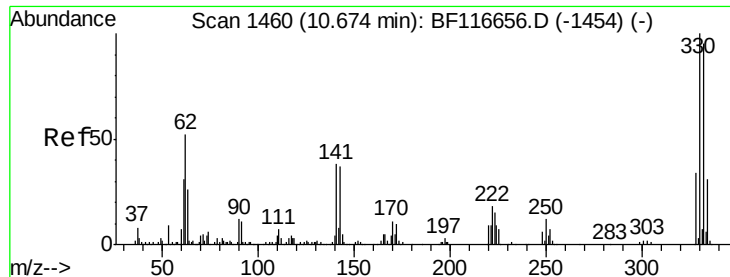
Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.6

160 44.6 35.7 53.5

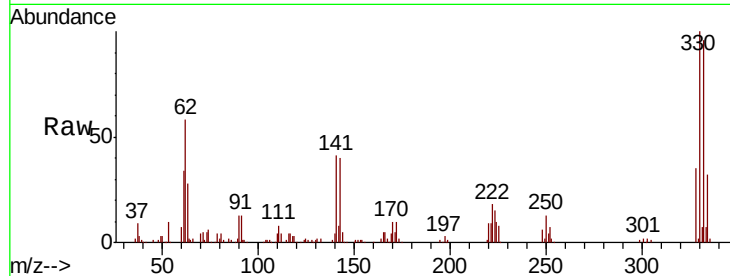




#42
 2,4,6-Tribromophenol
 Concen: 144.250 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF116983.D
 Acq: 12 Sep 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	44.2	35.6	53.4

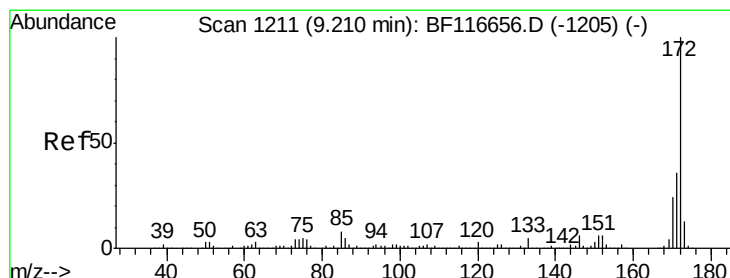
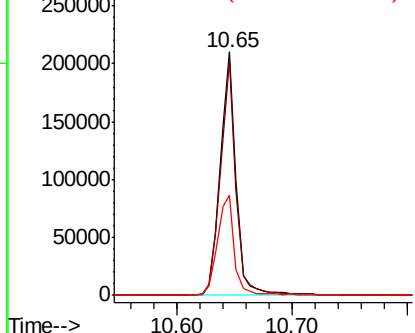
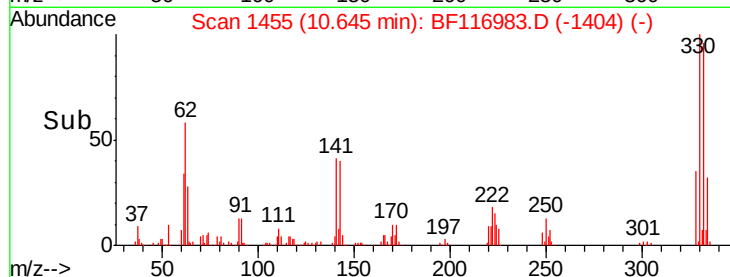


Abundance

Ion 329.80 (329.50 to 330.50): E

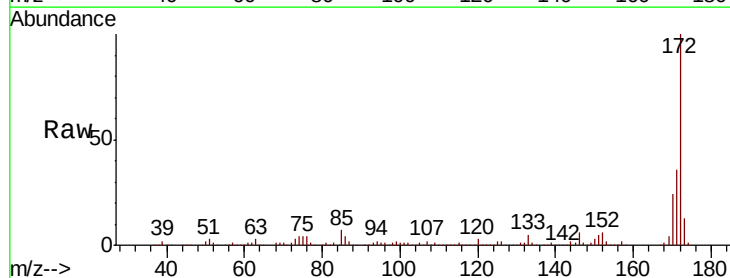
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.528 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF116983.D
 Acq: 12 Sep 2019 10:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	24.1	19.2	28.8

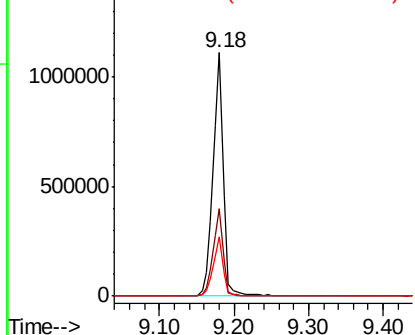
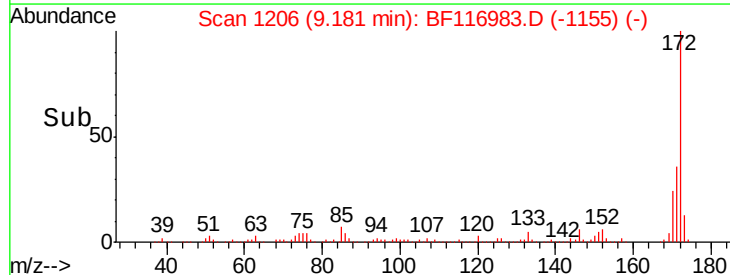


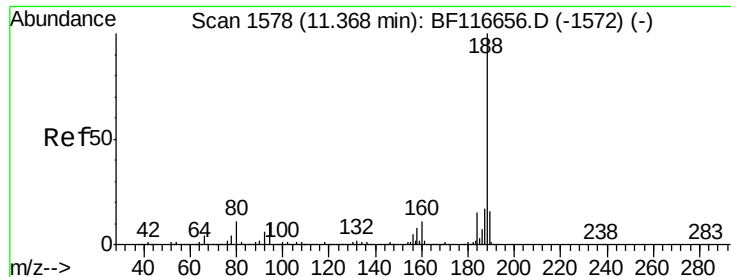
Abundance

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

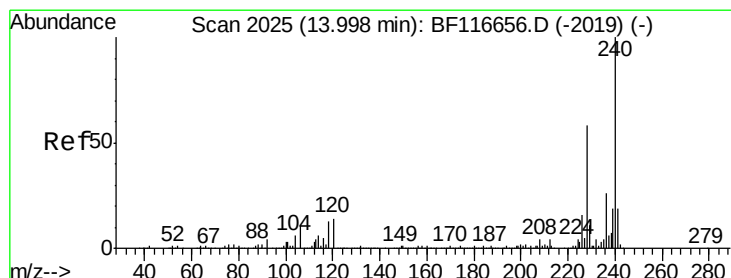
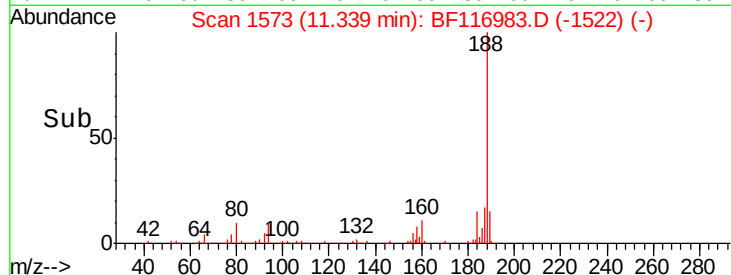
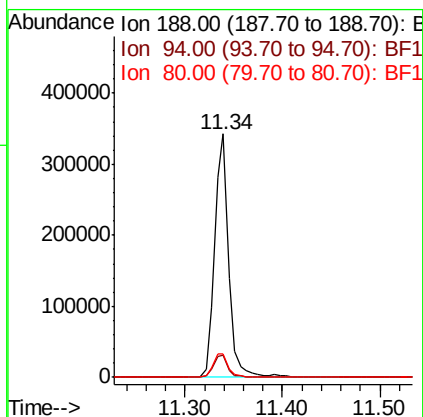
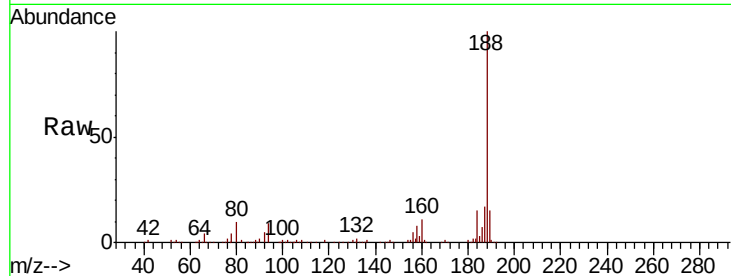




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF116983.D
Acq: 12 Sep 2019 10:44

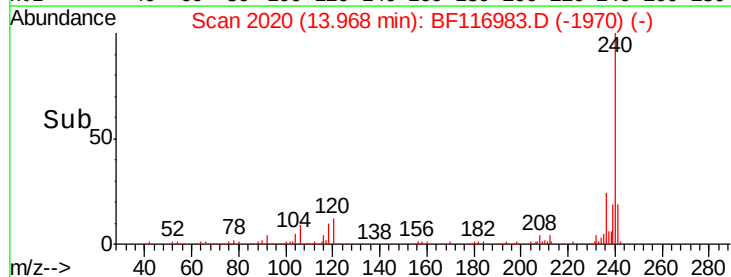
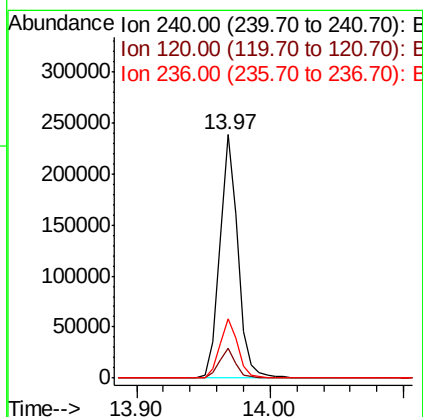
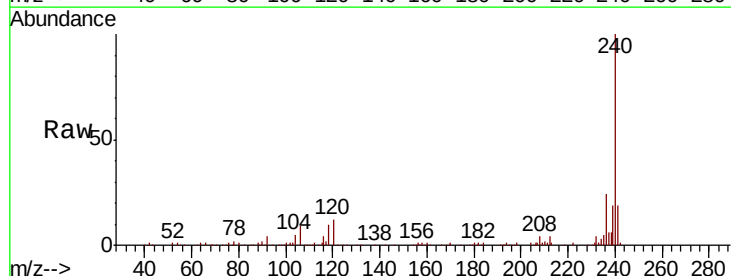
Instrument :
BNA_F
ClientSampleId :
PB122853BL

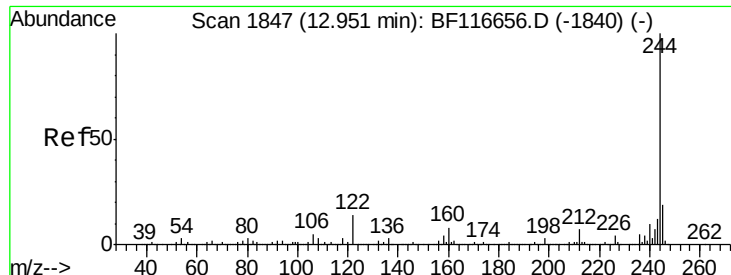
Tot Ion:188 Resp: 341401
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116983.D
Acq: 12 Sep 2019 10:44

Tgt Ion:240 Resp: 229089
Ion Ratio Lower Upper
240 100
120 12.2 9.1 13.7
236 24.3 20.9 31.3

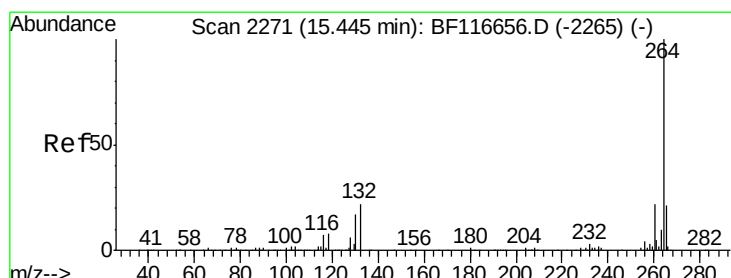
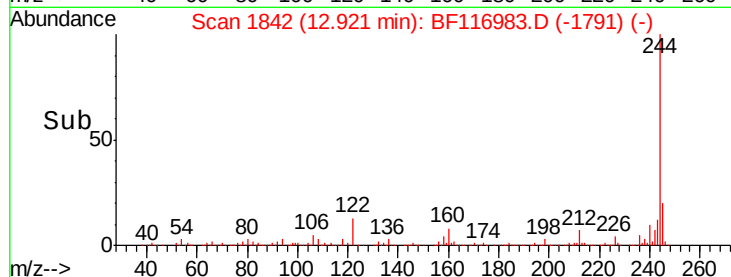
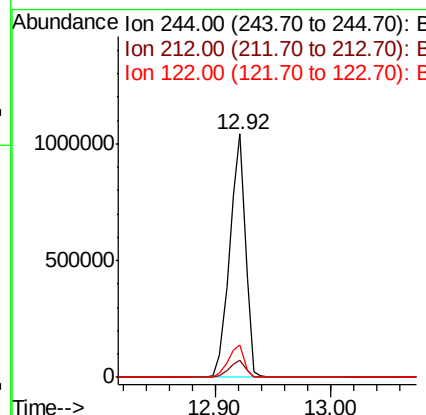
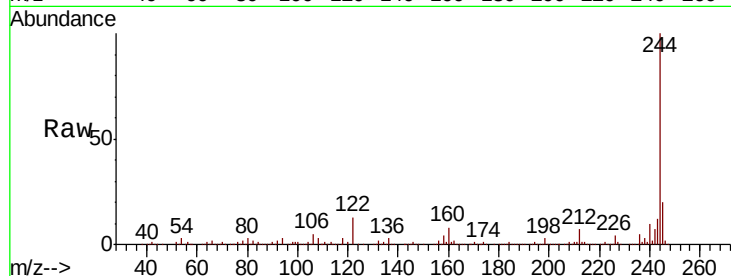




#79
 Terphenyl-d14
 Concen: 79.311 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF116983.D
 Acq: 12 Sep 2019 10:44

Instrument :
 BNA_F
 ClientSampled :
 PB122853BL

Tot Ion:244 Resp: 982152
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.5 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF116983.D
 Acq: 12 Sep 2019 10:44

Tgt Ion:264 Resp: 187544
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.4 17.9 26.9

