

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116311.D
 Acq On : 16 Aug 2019 10:11
 Operator : HP/JU
 Sample : PB122277TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

Quant Time: Aug 16 11:55:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	139734	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	535794	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	287815	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	515277	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	371082	20.00	ng	-0.03
87) Perylene-d12	15.44	264	347621	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1052911	126.14	ng	-0.02
7) Phenol-d6	6.46	99	1339639	127.21	ng	-0.02
23) Nitrobenzene-d5	7.38	82	893443	96.25	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	372515	133.50	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1524589	99.22	ng	-0.04
79) Terphenyl-d14	12.92	244	1672664	94.98	ng	-0.04

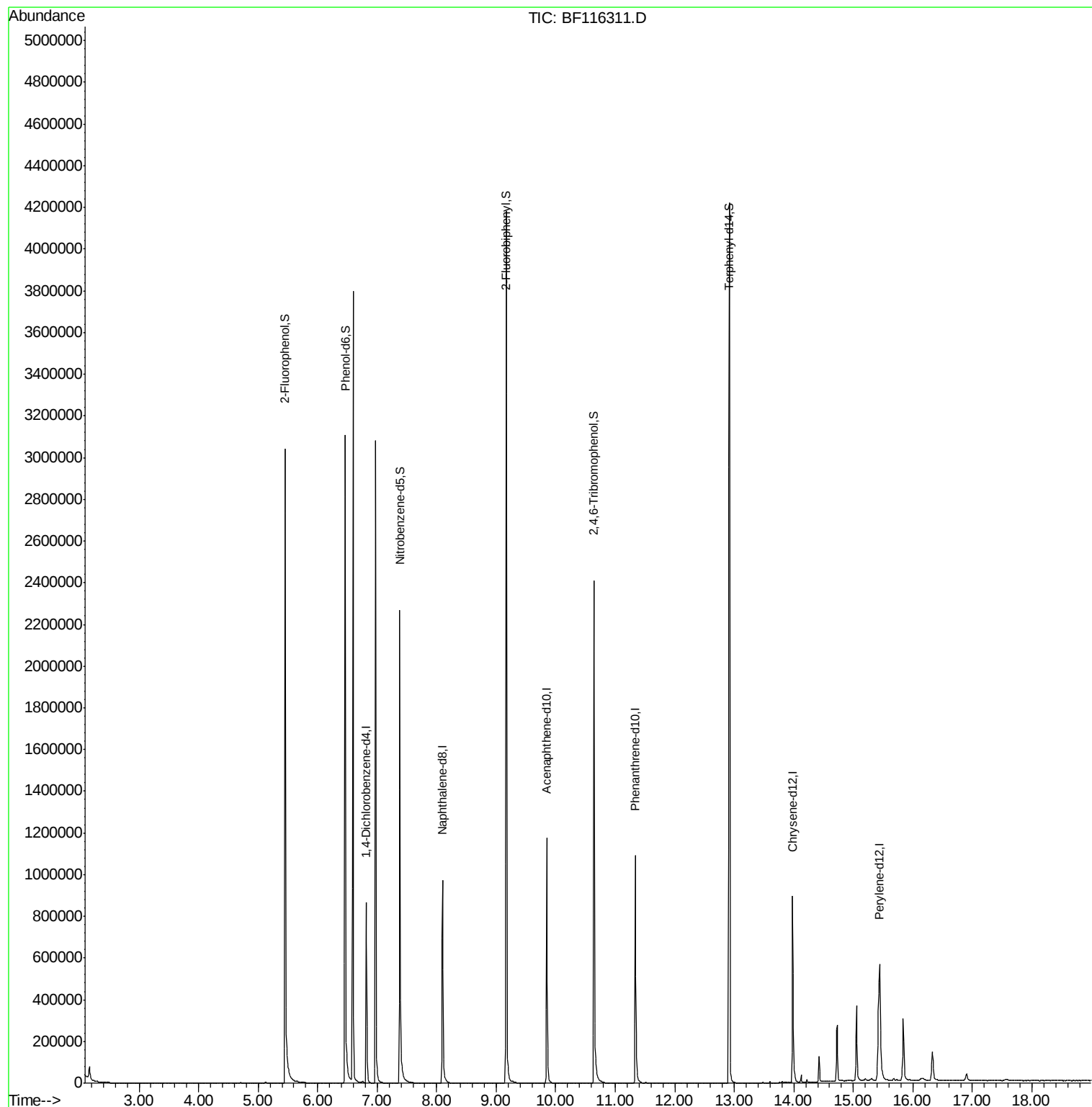
Target Compounds Qvalue

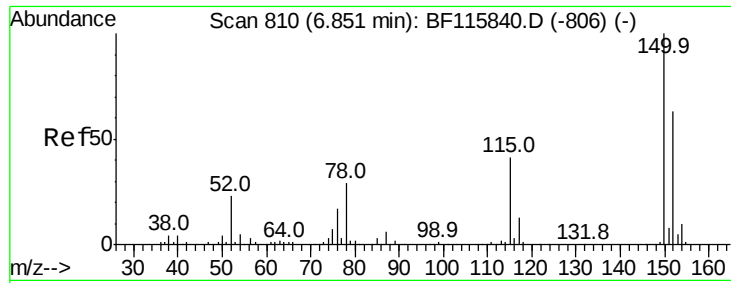
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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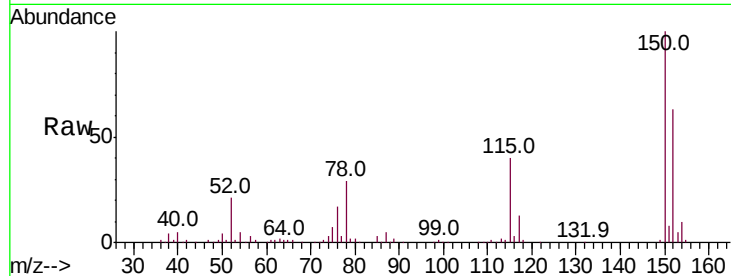


#1

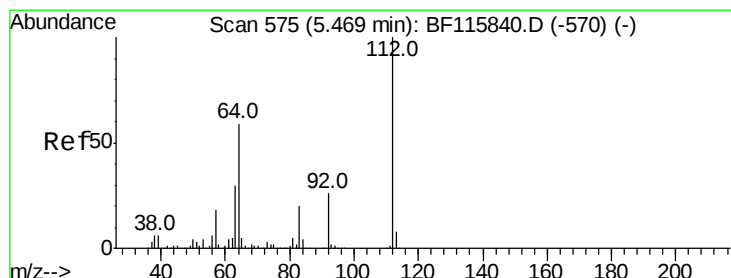
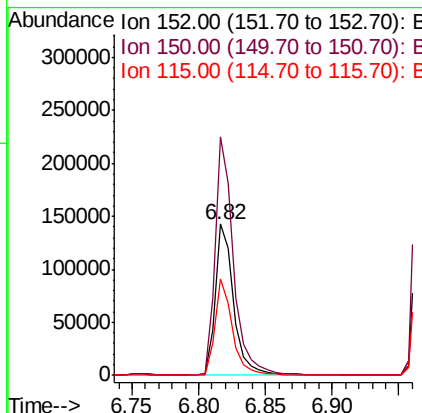
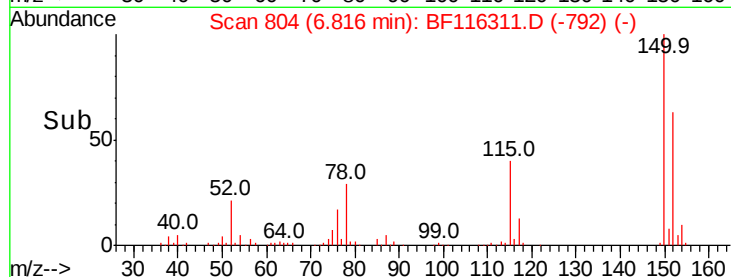
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

Tot Ion:152 Resp: 139734
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 63.5 49.9 74.9



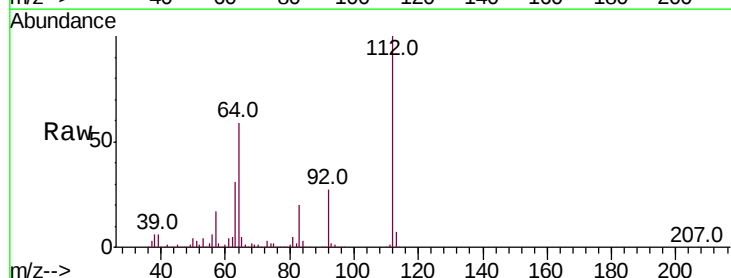
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



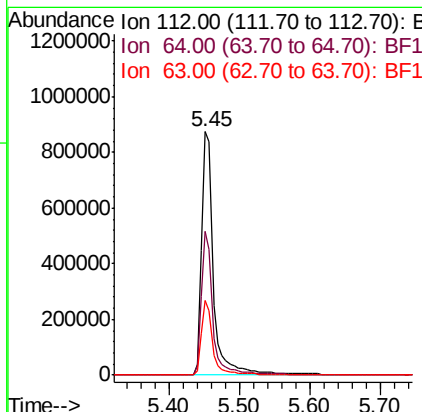
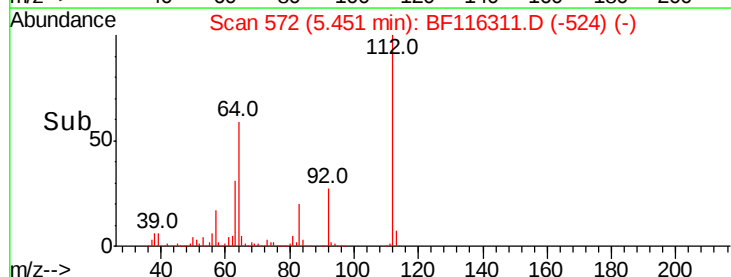
#5

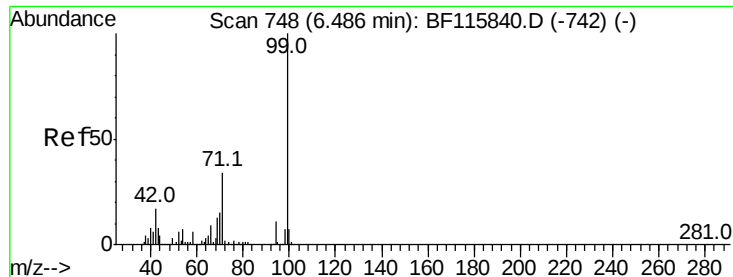
2-Fluorophenol
 Concen: 126.142 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Tgt Ion:112 Resp: 1052911
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.4 68.2
 63 30.7 23.7 35.5



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: 127.206 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Instrument :

BNA_F

ClientSampleId :

PB122277TB

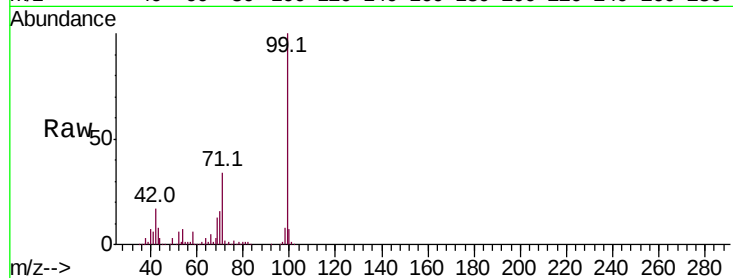
Tot Ion: 99 Resp: 1339639

Ion Ratio Lower Upper

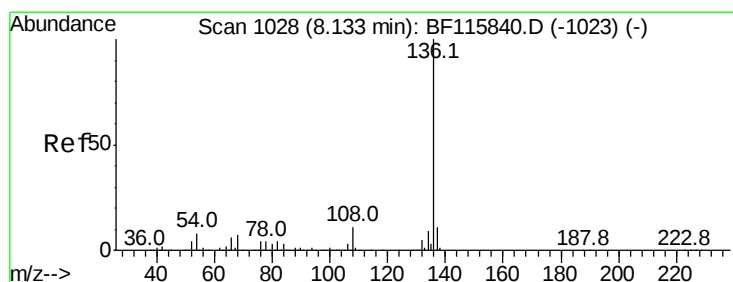
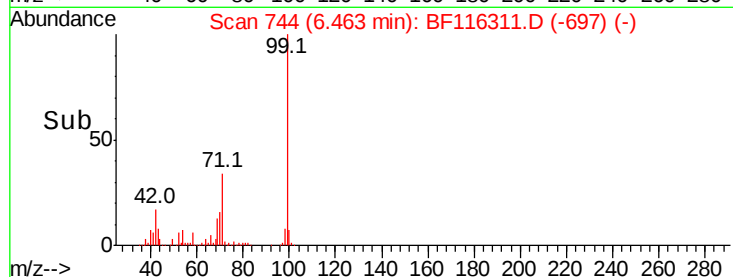
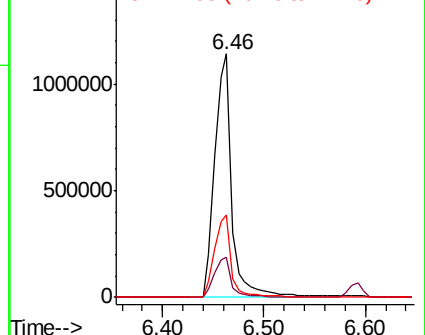
99 100

42 16.5 13.8 20.8

71 34.0 27.3 40.9



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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Tgt Ion: 136 Resp: 535794

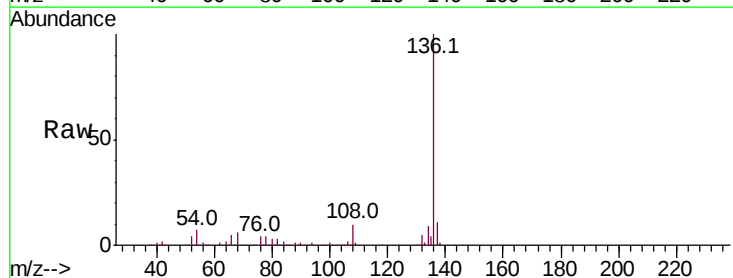
Ion Ratio Lower Upper

136 100

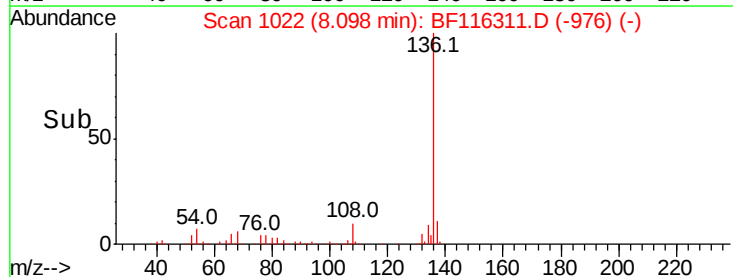
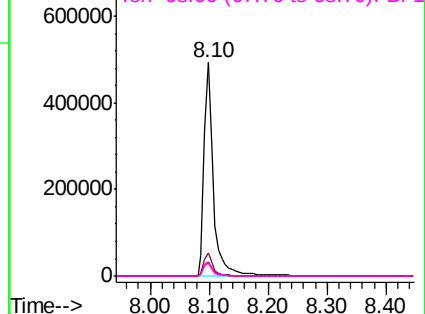
137 11.0 9.0 13.4

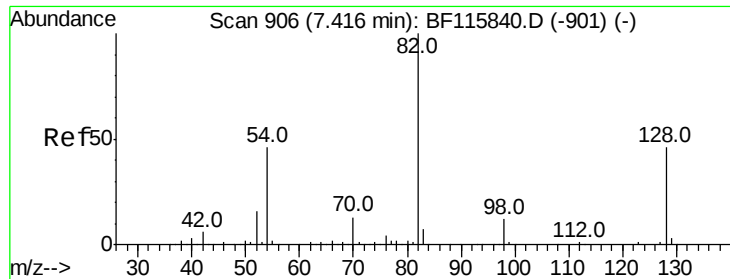
54 6.7 5.8 8.6

68 6.0 5.2 7.8



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

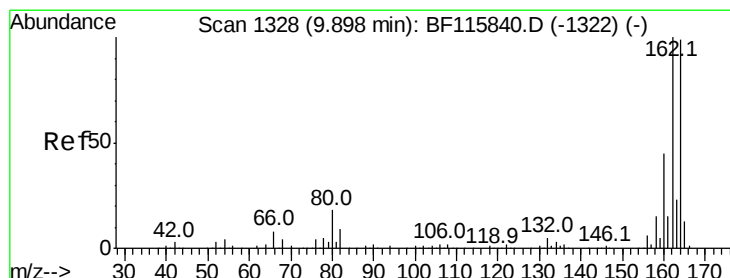
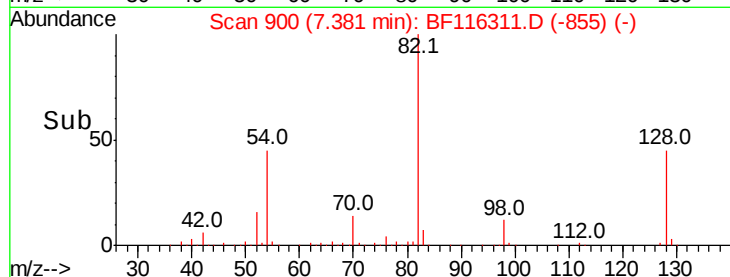
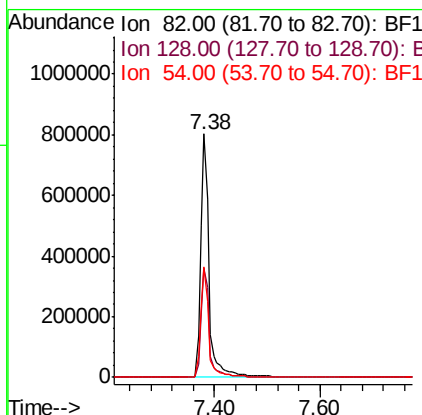
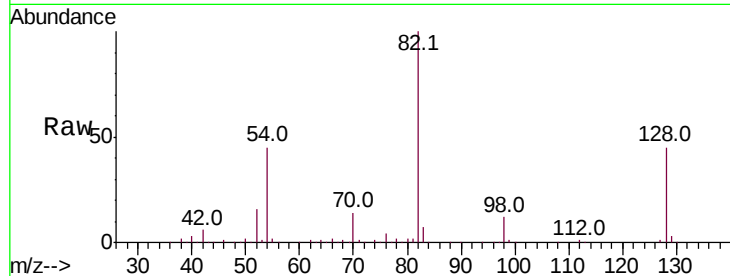




#23
 Nitrobenzene-d5
 Concen: 96.254 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

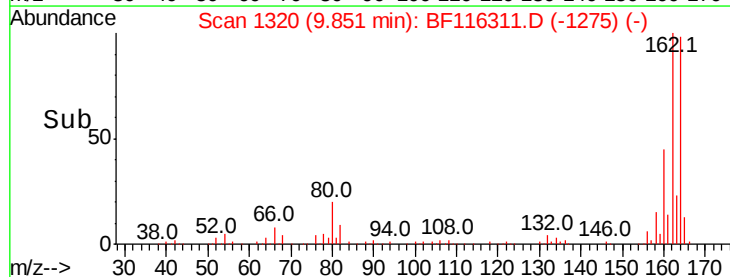
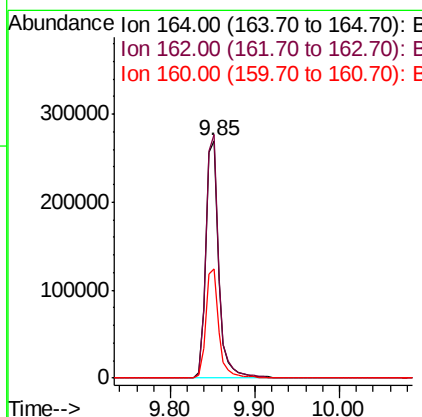
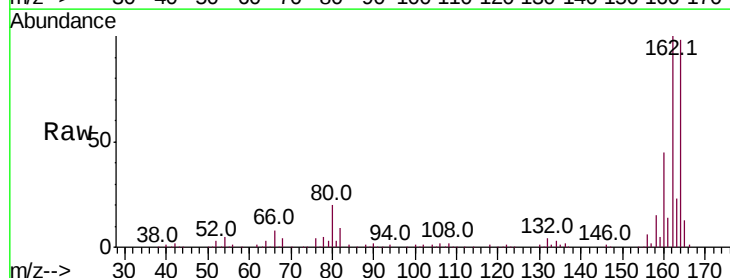
Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

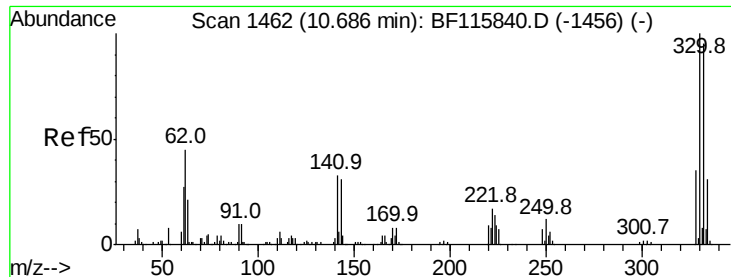
Tot Ion: 82 Resp: 893443
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.5 54.7
 54 45.4 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Tgt Ion: 164 Resp: 287815
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 46.1 37.6 56.4

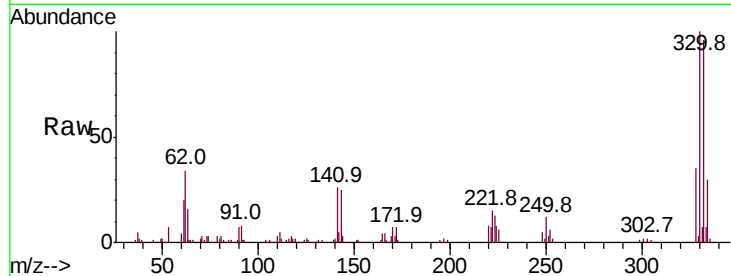




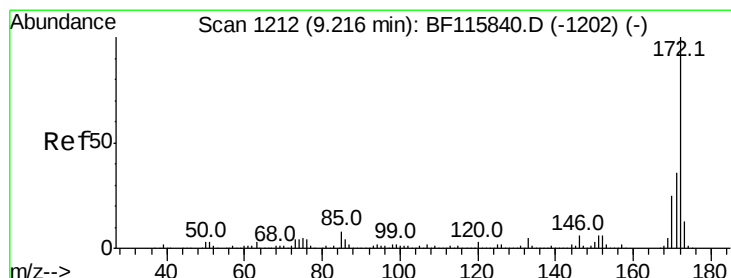
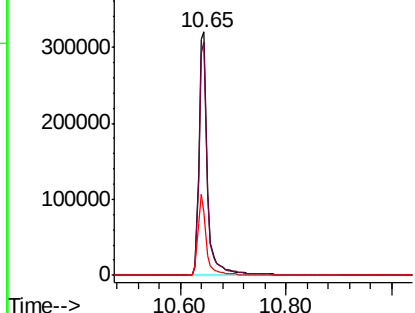
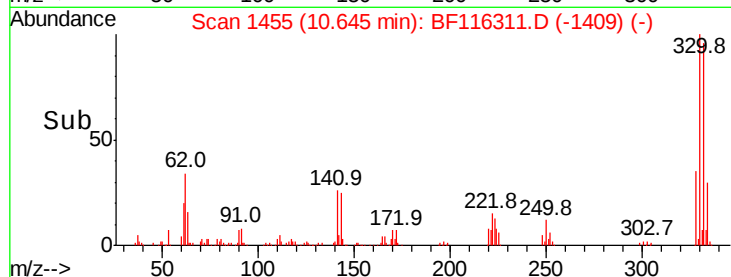
#42
 2,4,6-Tribromophenol
 Concen: 133.497 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122277TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	32.8	26.3	39.5

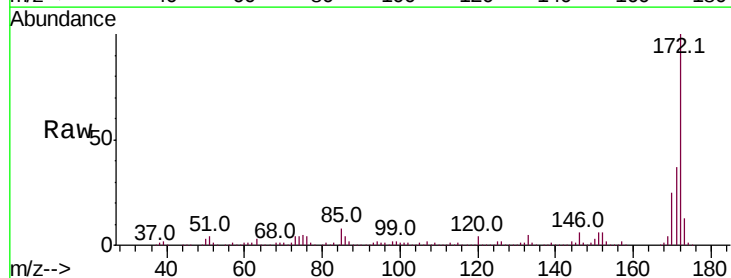


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

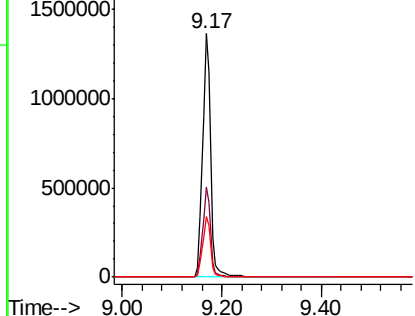
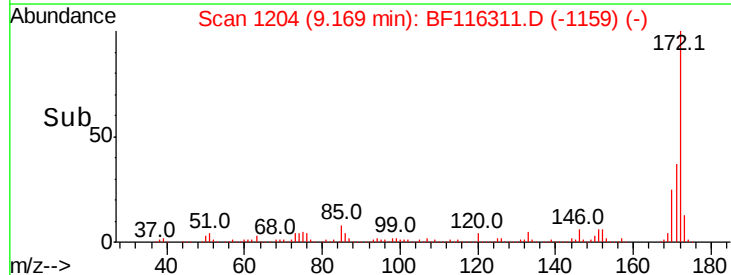


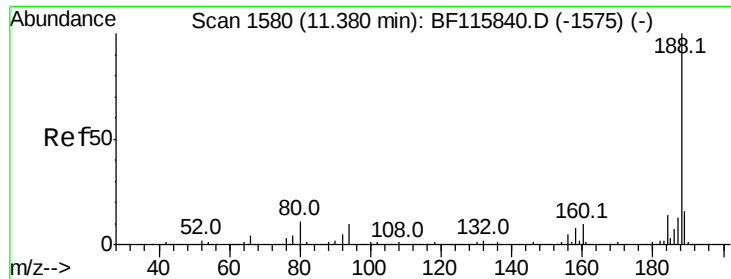
#45
 2-Fluorobiphenyl
 Concen: 99.219 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116311.D
 Acq: 16 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.7	20.1	30.1



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

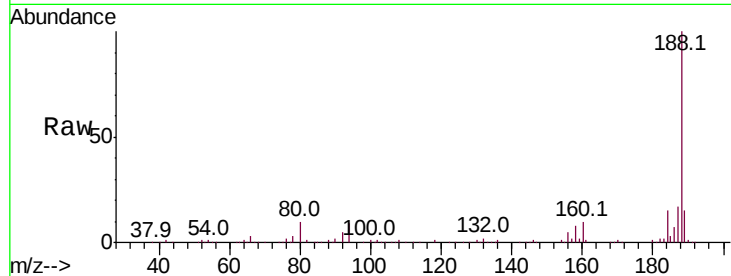




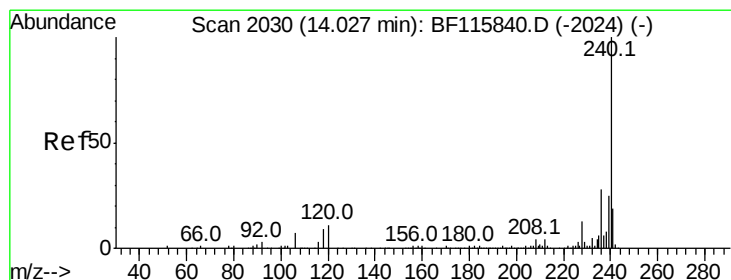
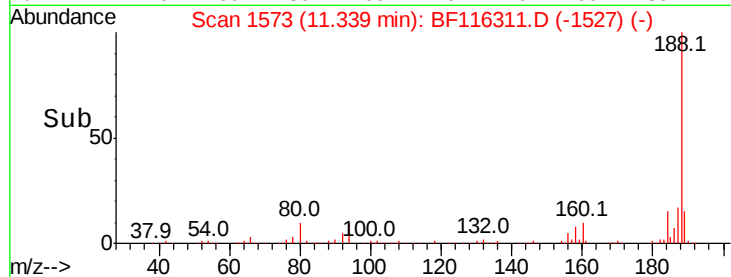
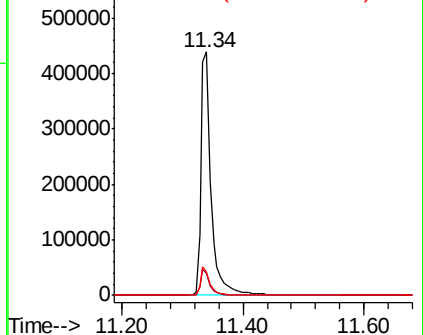
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

Instrument :
BNA_F
ClientSampleId :
PB122277TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.1	12.1
80	9.9	8.7	13.1

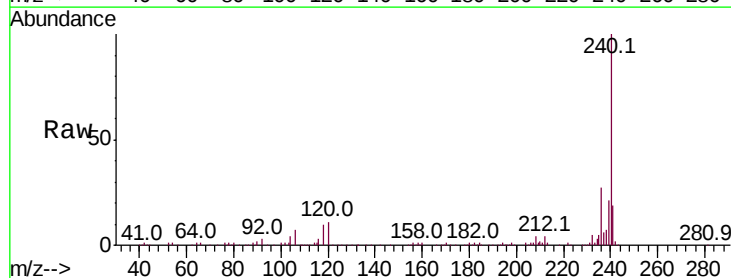


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

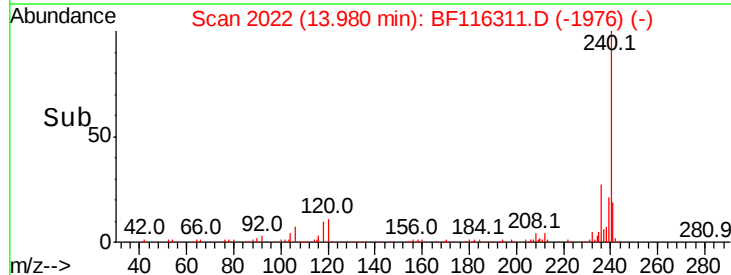
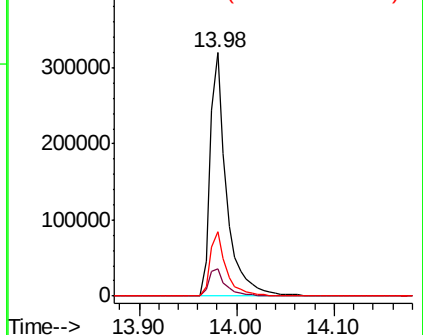


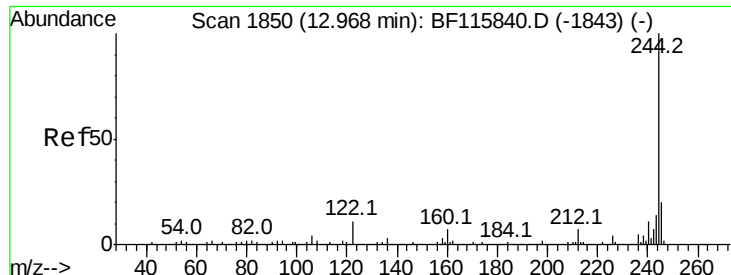
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116311.D
Acq: 16 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.7	16.1
236	26.6	22.2	33.2



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: 94.981 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

Instrument :

BNA_F

ClientSampleId :

PB122277TB

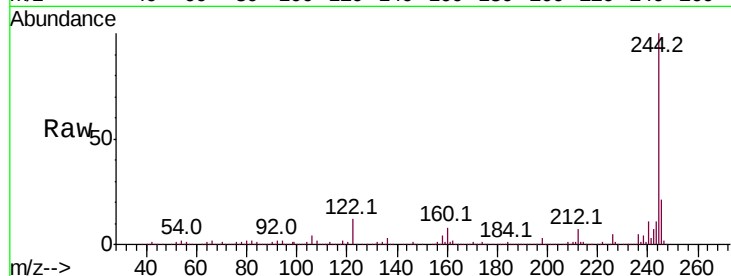
Tot Ion:244 Resp: 1672664

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

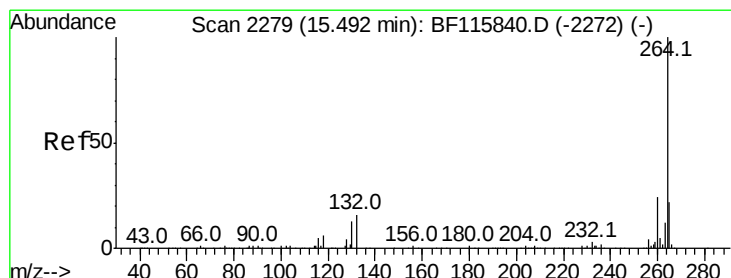
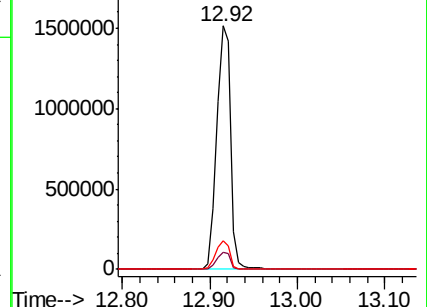
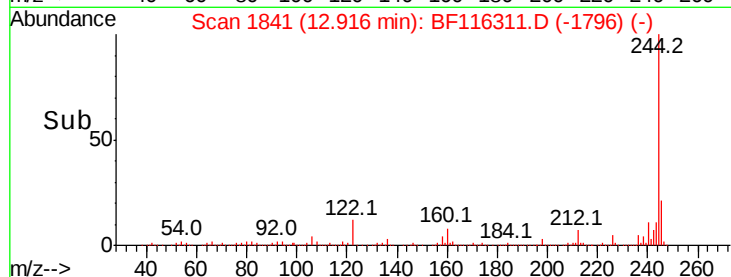
122 11.6 9.0 13.4



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: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116311.D

Acq: 16 Aug 2019 10:11

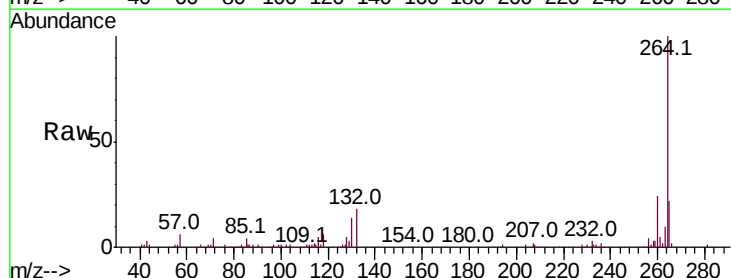
Tgt Ion:264 Resp: 347621

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.0 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

