

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116273.D
 Acq On : 15 Aug 2019 12:29
 Operator : HP/JU
 Sample : PB122215BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

Quant Time: Aug 15 15:08:26 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	149281	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	580459	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	315127	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	580995	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	430479	20.00	ng	-0.04
87) Perylene-d12	15.43	264	405270	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1092240	122.49	ng	-0.02
7) Phenol-d6	6.46	99	1391630	123.69	ng	-0.02
23) Nitrobenzene-d5	7.38	82	934087	92.89	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	393788	128.89	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1585688	94.25	ng	-0.04
79) Terphenyl-d14	12.92	244	1813037	88.75	ng	-0.03

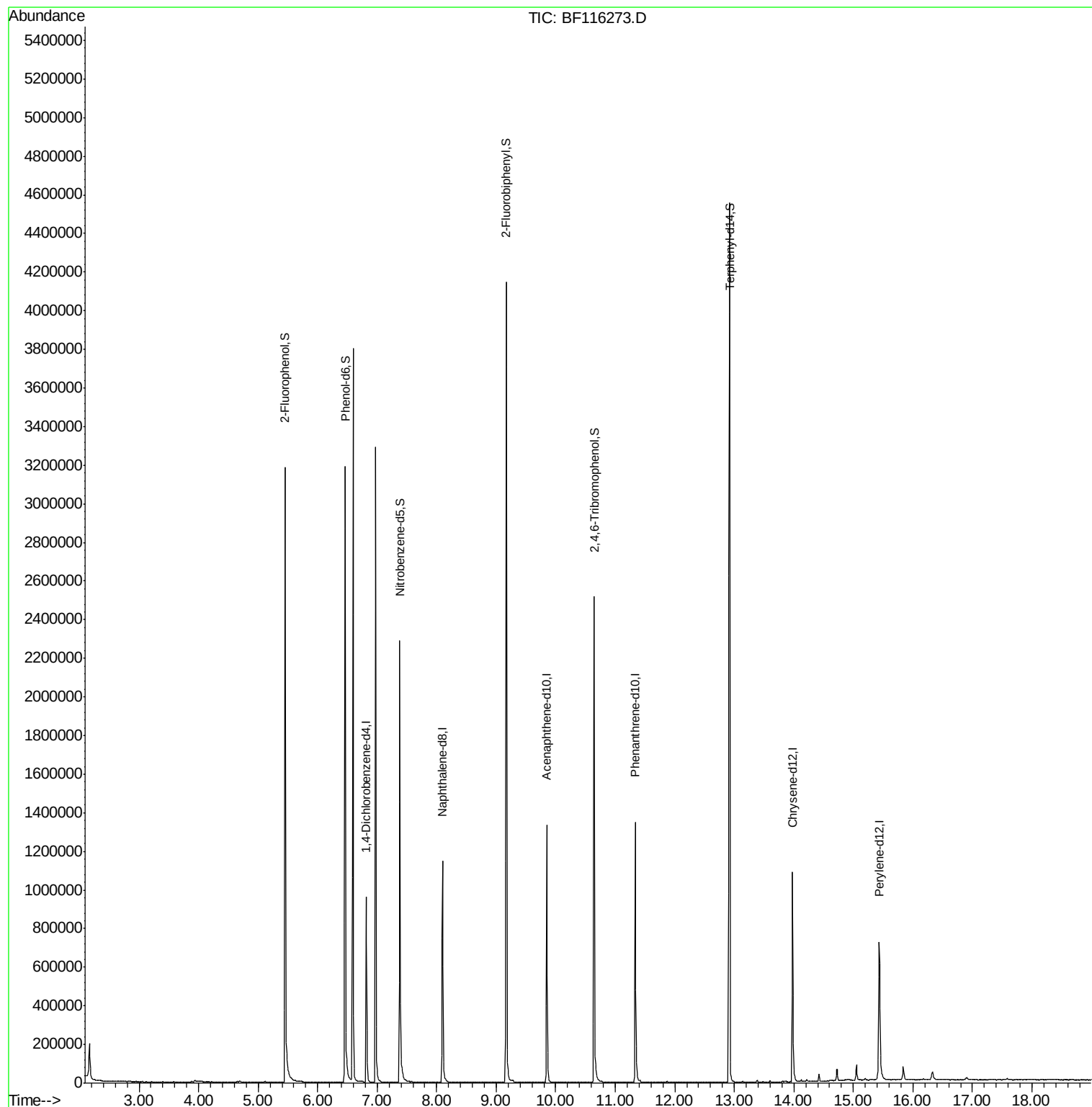
Target Compounds Qvalue

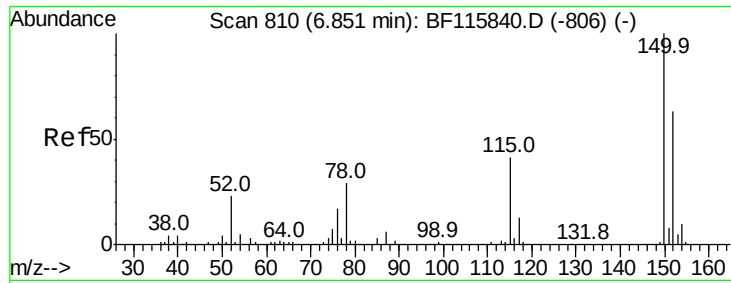
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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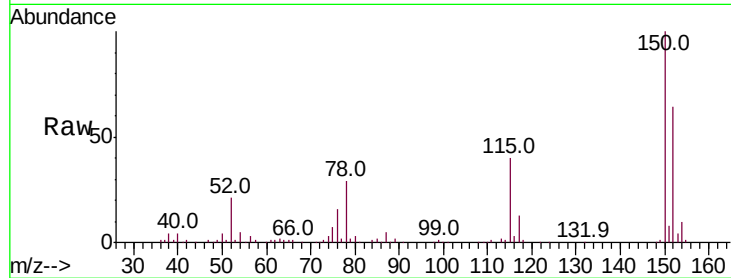


#1

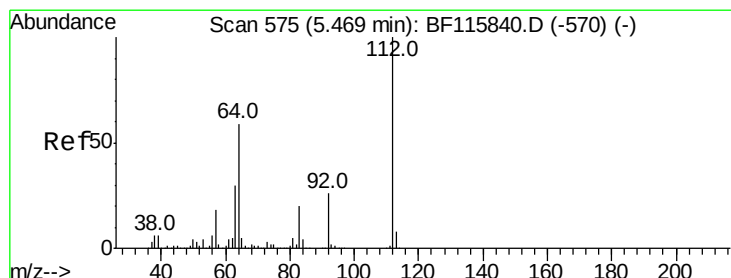
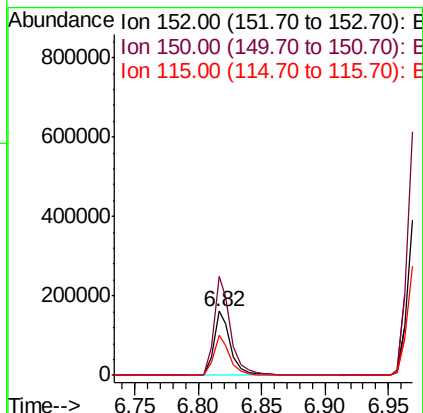
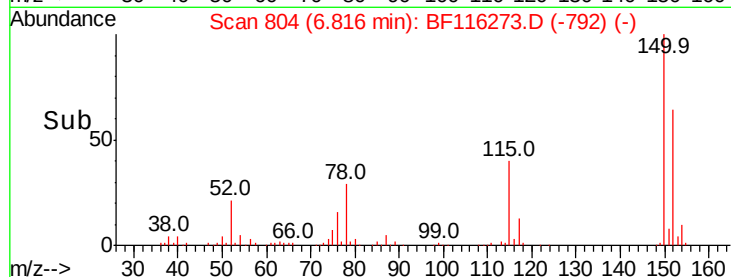
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116273.D
Acq: 15 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :
PB122215BL

Tot Ion:152 Resp: 149281
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 62.4 49.9 74.9



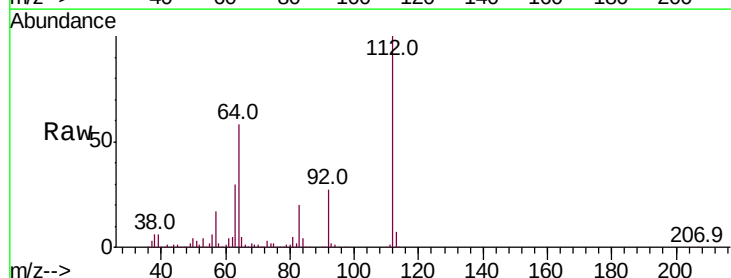
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



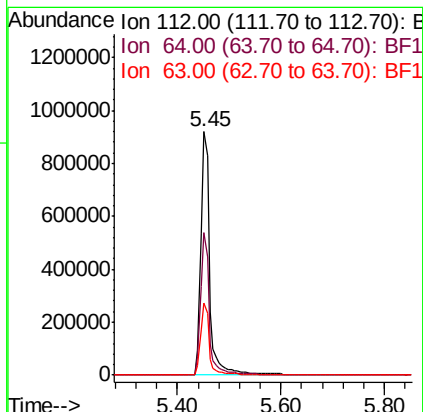
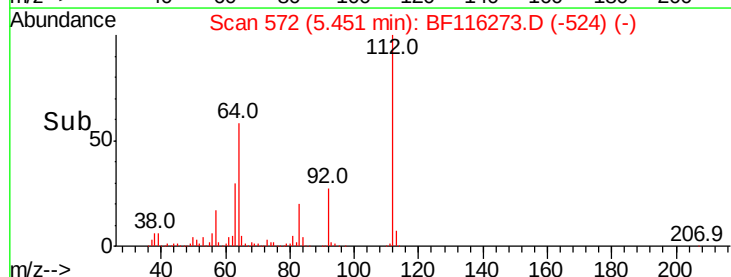
#5

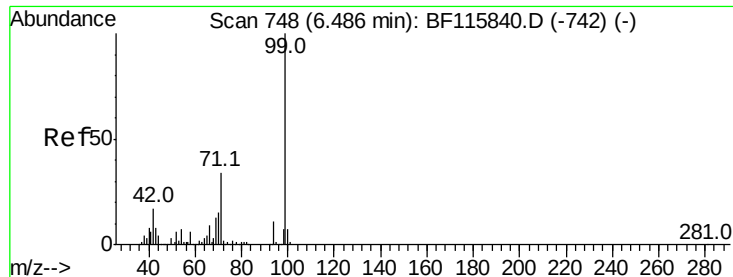
2-Fluorophenol
Concen: 122.486 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF116273.D
Acq: 15 Aug 2019 12:29

Tgt Ion:112 Resp: 1092240
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.2
63 29.8 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: 123.692 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

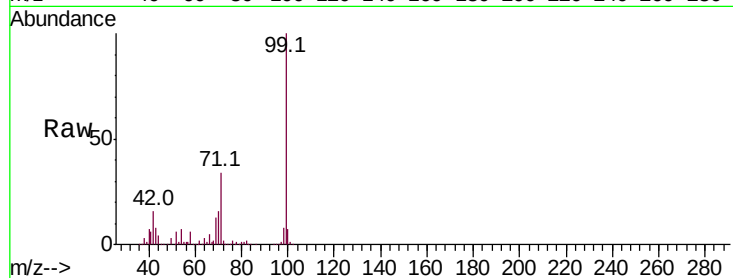
Tot Ion: 99 Resp: 1391630

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

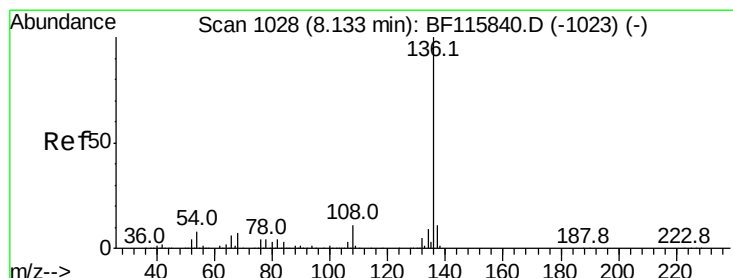
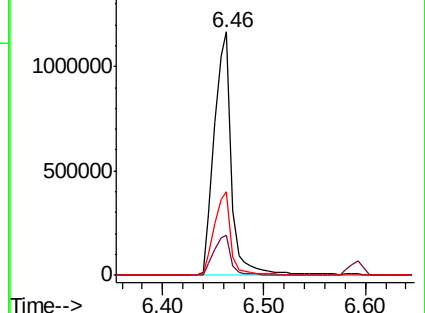
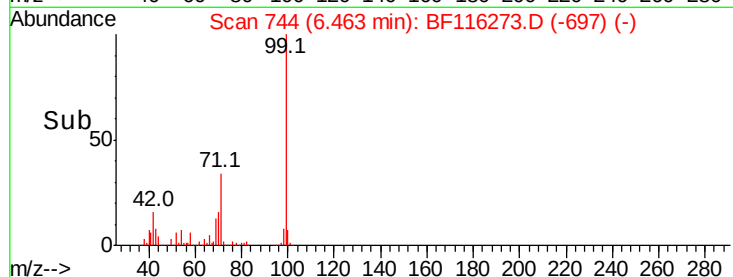
71 34.4 27.3 40.9



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: BF116273.D

Acq: 15 Aug 2019 12:29

Tgt Ion: 136 Resp: 580459

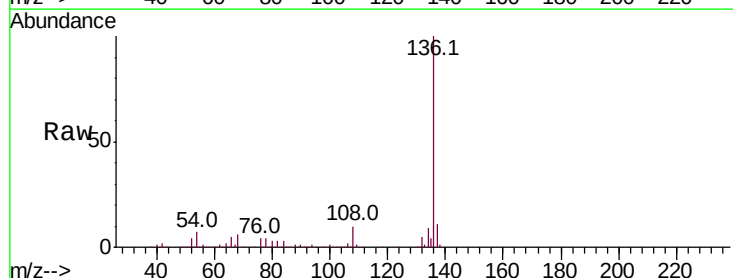
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 5.8 8.6

68 6.0 5.2 7.8

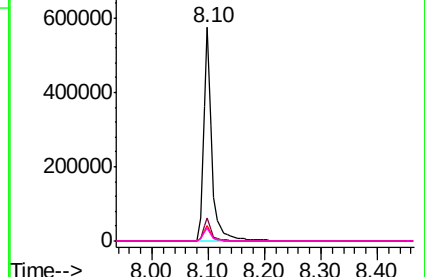
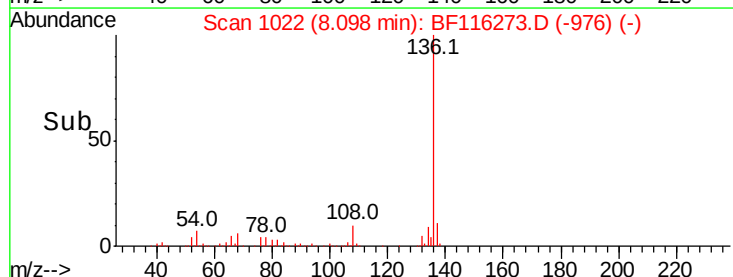


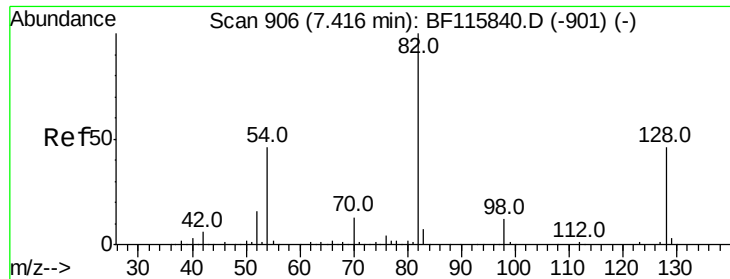
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.889 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

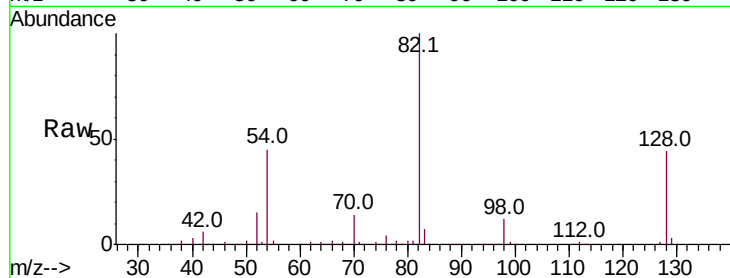
Tot Ion: 82 Resp: 934087

Ion Ratio Lower Upper

82 100

128 44.4 36.5 54.7

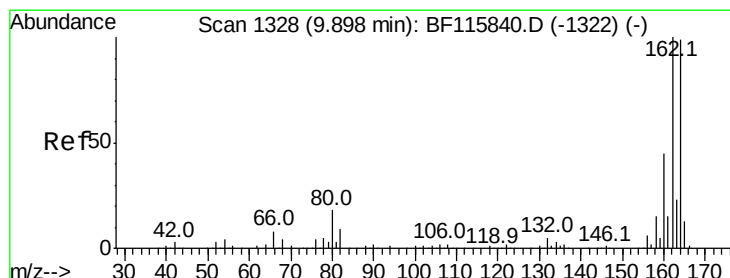
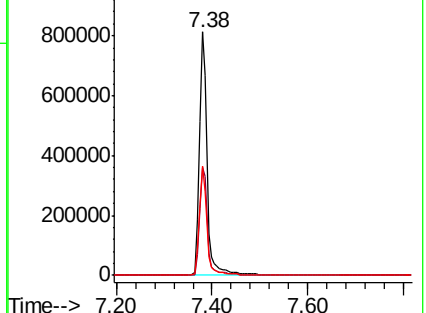
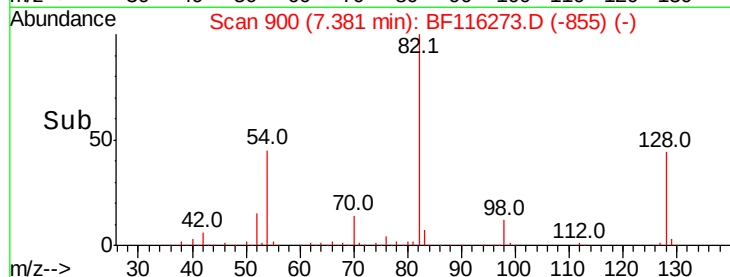
54 44.6 36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

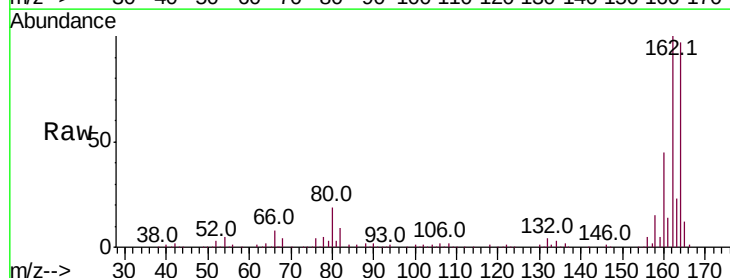
Tgt Ion: 164 Resp: 315127

Ion Ratio Lower Upper

164 100

162 102.7 82.6 124.0

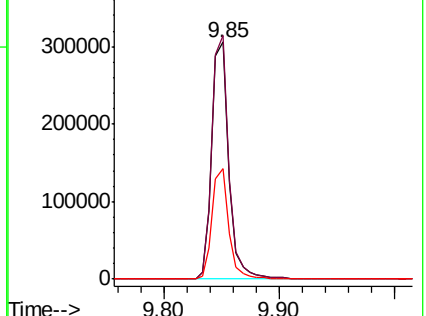
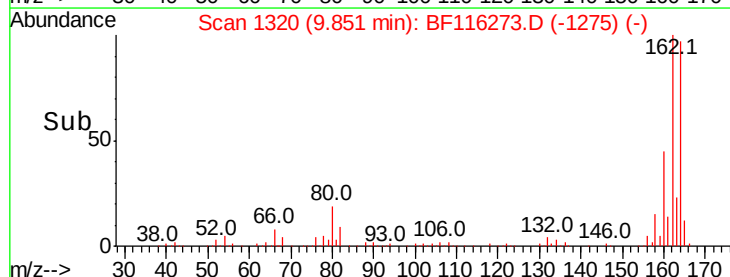
160 46.4 37.6 56.4

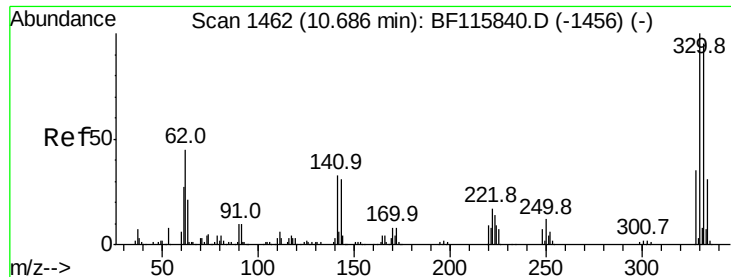


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

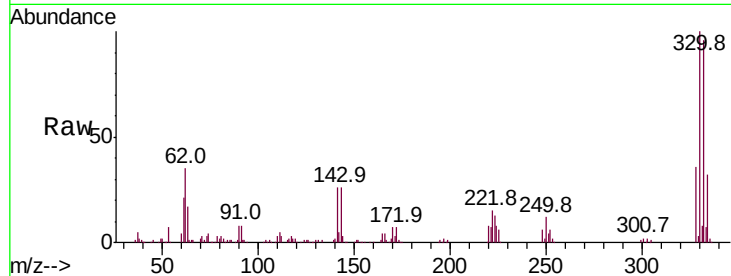




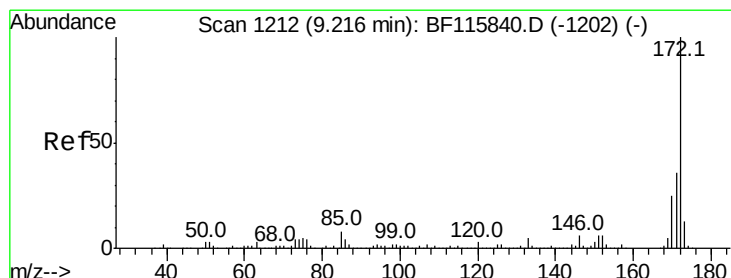
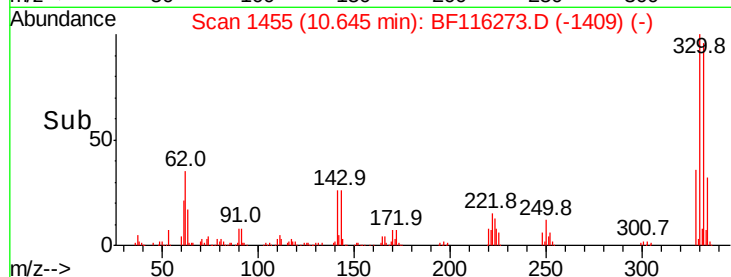
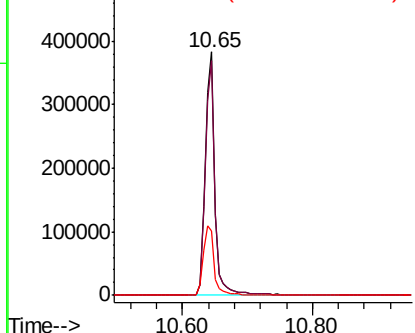
#42
 2,4,6-Tribromophenol
 Concen: 128.889 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	32.8	26.3	39.5

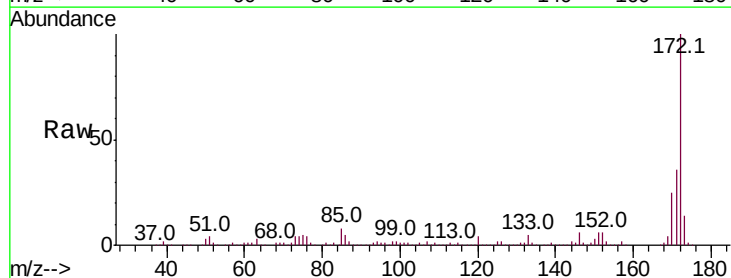


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

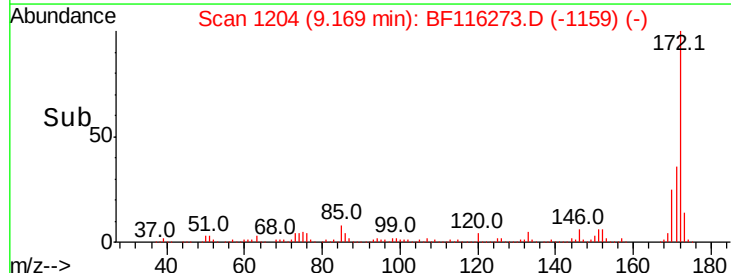
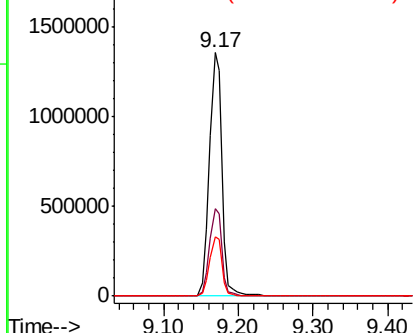


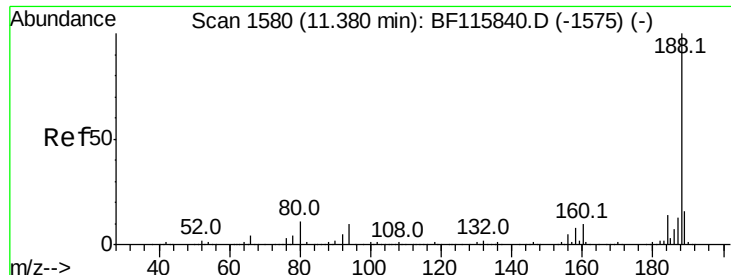
#45
 2-Fluorobiphenyl
 Concen: 94.251 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116273.D
 Acq: 15 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	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

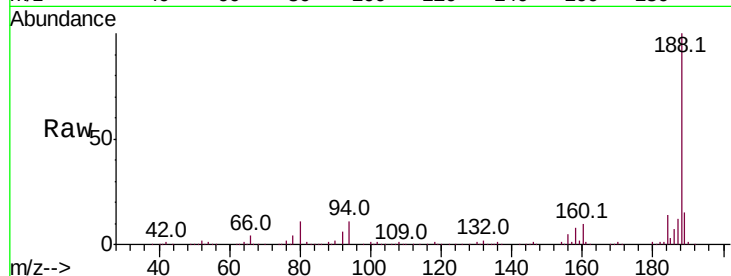




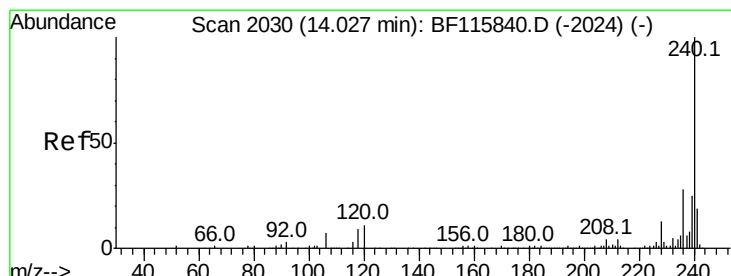
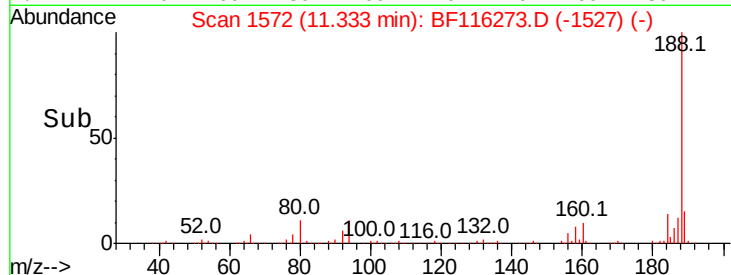
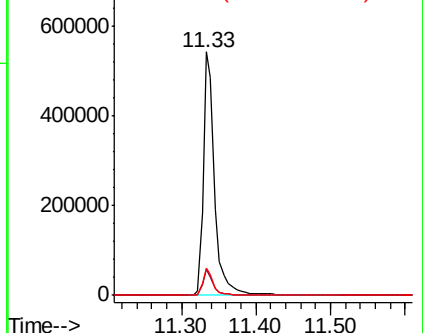
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116273.D
Acq: 15 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :
PB122215BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.2	8.7	13.1



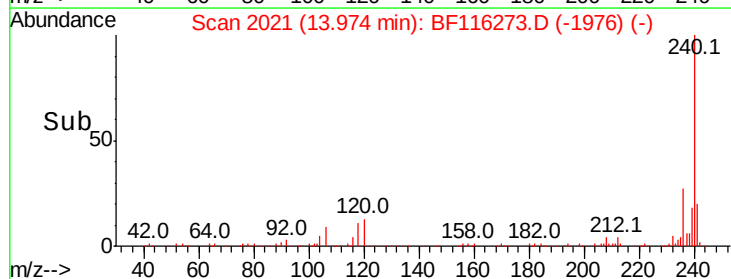
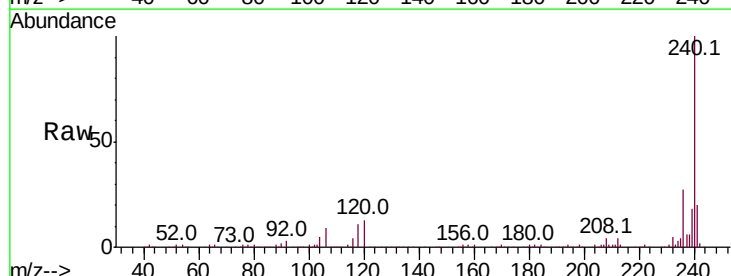
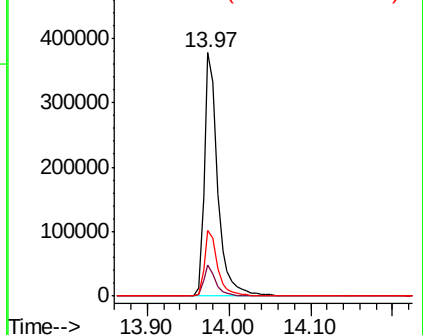
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

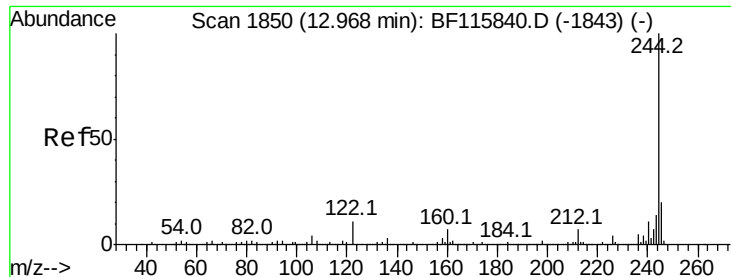


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BF116273.D
Acq: 15 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.7	16.1
236	27.2	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: 88.747 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

PB122215BL

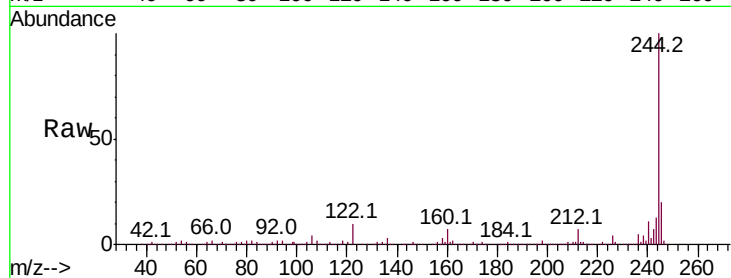
Tot Ion:244 Resp: 1813037

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

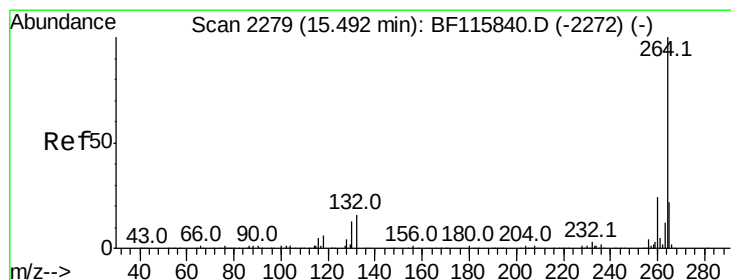
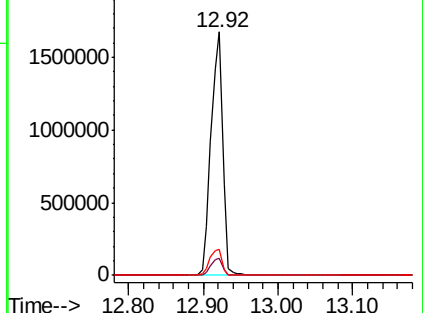
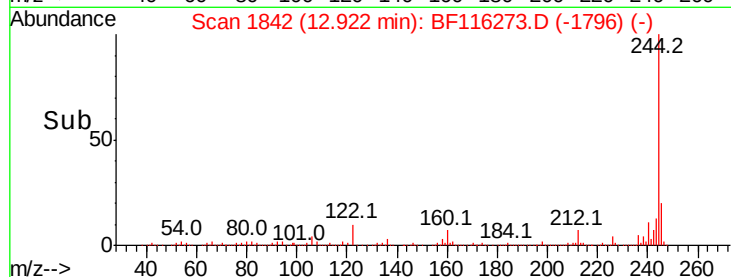
122 10.5 9.0 13.4



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: 15.43 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF116273.D

Acq: 15 Aug 2019 12:29

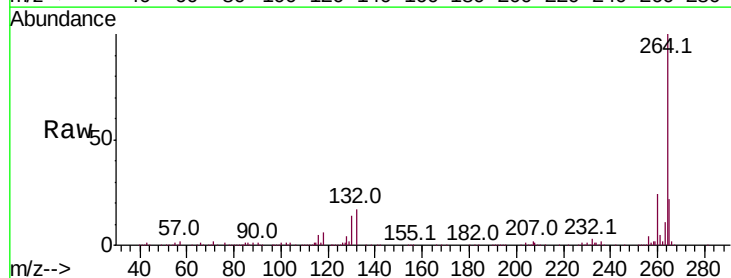
Tgt Ion:264 Resp: 405270

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.5 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

