

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115273.D
 Acq On : 28 Jun 2019 11:35
 Operator : HP/JU
 Sample : PB120961BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BL

Quant Time: Jun 29 04:25:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	234452	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	900318	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	458056	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	920294	20.00	ng	0.00
76) Chrysene-d12	13.71	240	736970	20.00	ng	0.00
87) Perylene-d12	15.08	264	771302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1651255	108.69	ng	0.02
7) Phenol-d6	6.24	99	2046473	110.98	ng	0.00
23) Nitrobenzene-d5	7.16	82	1274775	87.10	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	637587	132.00	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2426143	89.97	ng	0.00
79) Terphenyl-d14	12.68	244	2847087	82.14	ng	0.00

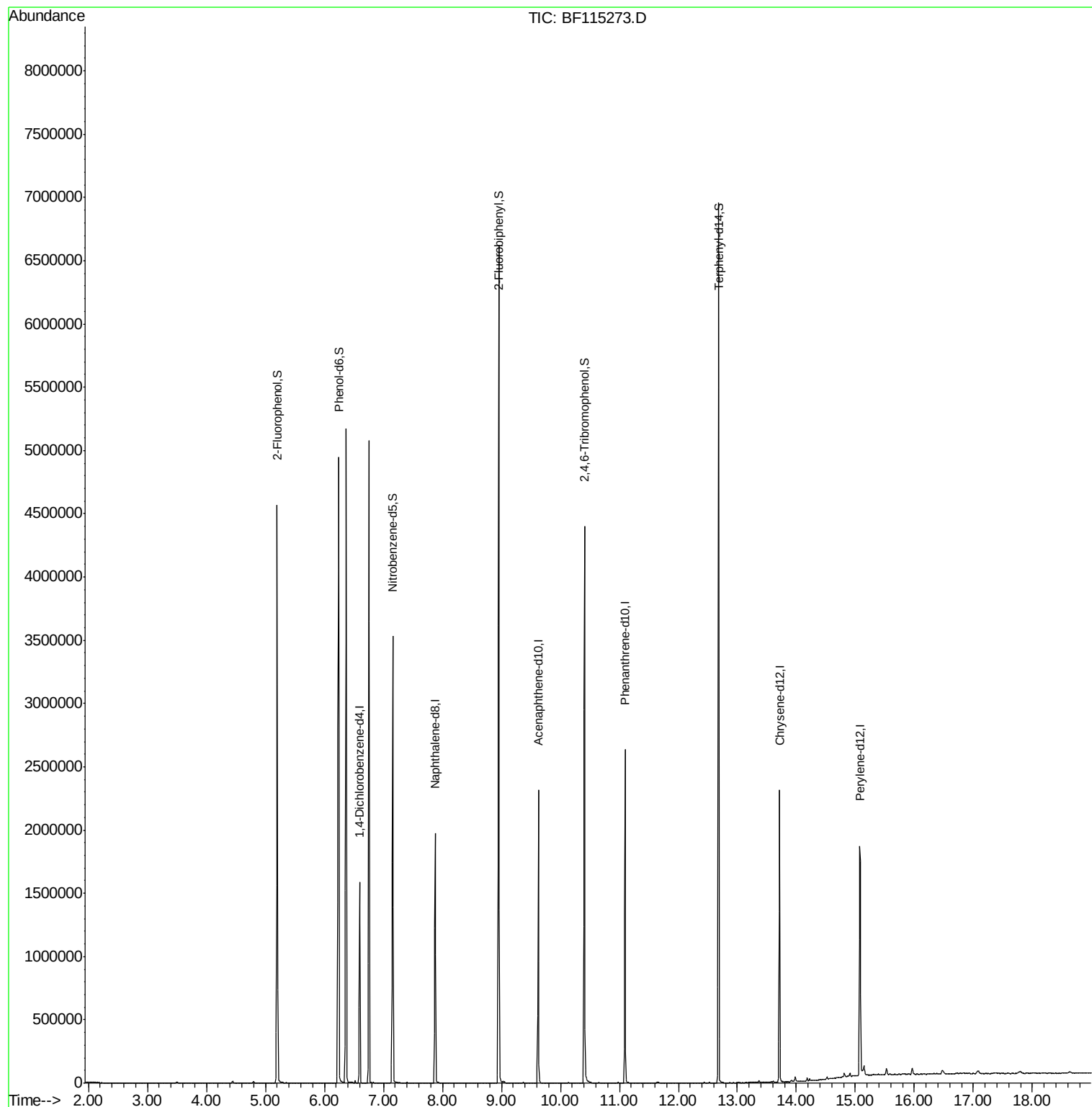
Target Compounds Qvalue

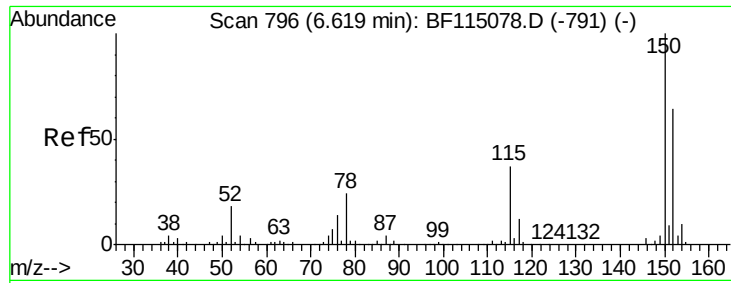
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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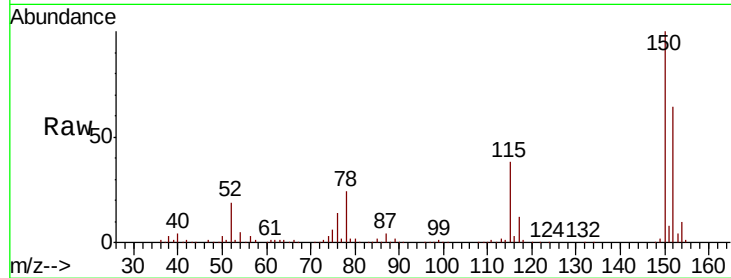


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115273.D
 Acq: 28 Jun 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	60.0	46.1	69.1

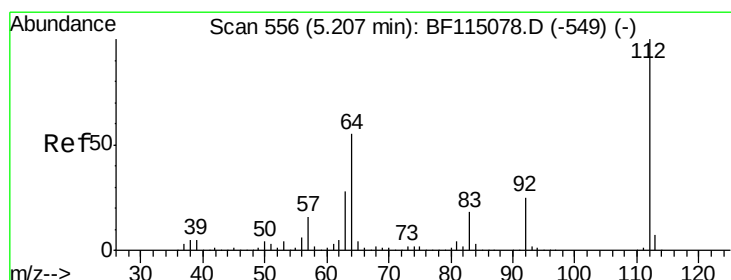
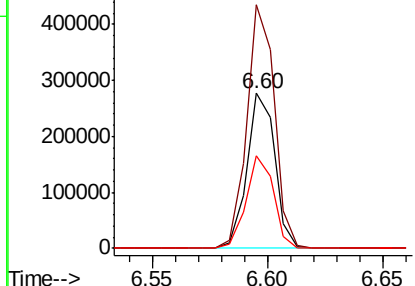
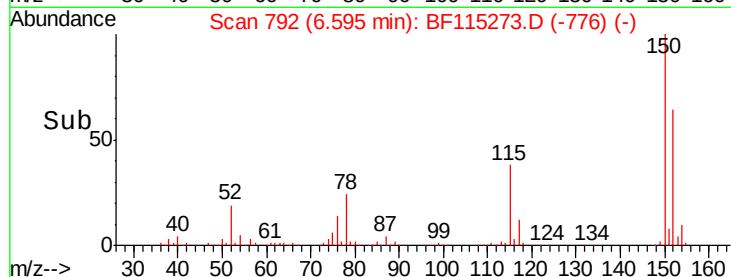


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

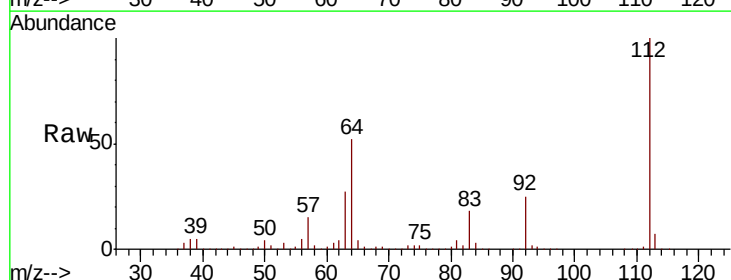
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 108.686 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF115273.D
 Acq: 28 Jun 2019 11:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	43.8	65.6
63	26.7	22.2	33.4

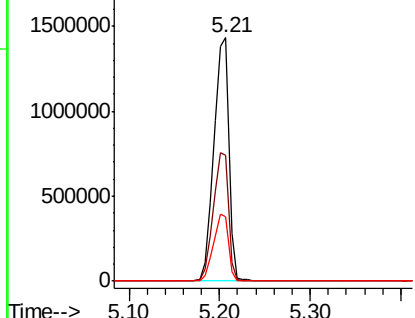
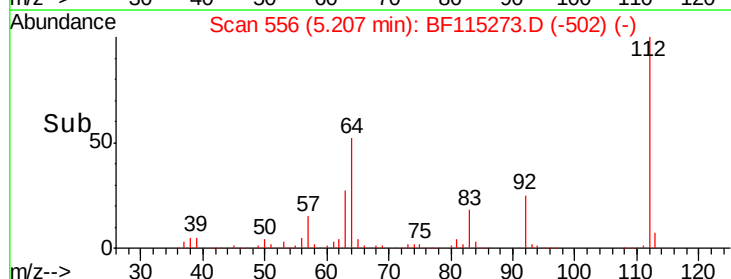


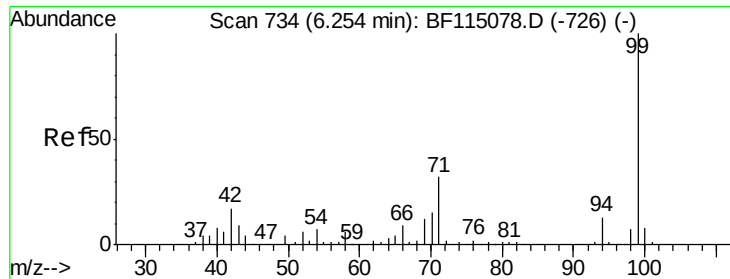
Abundance

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: 110.977 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

PB120961BL

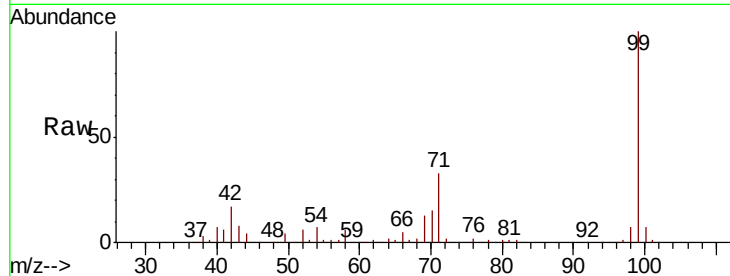
Tot Ion: 99 Resp: 2046473

Ion Ratio Lower Upper

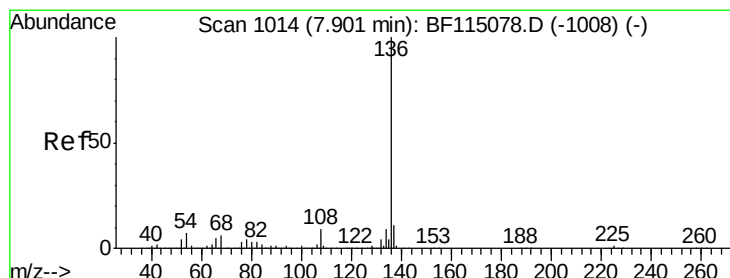
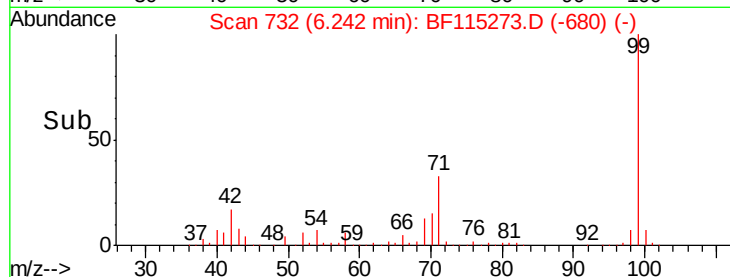
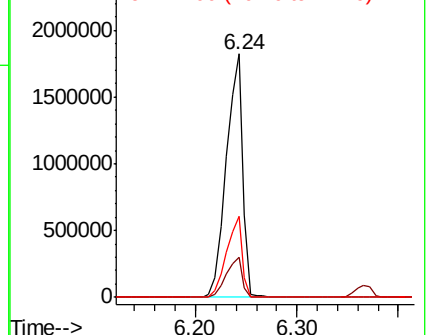
99 100

42 16.5 13.6 20.4

71 33.4 25.5 38.3



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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Tgt Ion: 136 Resp: 900318

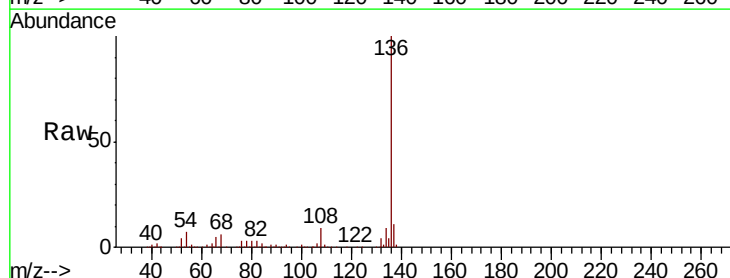
Ion Ratio Lower Upper

136 100

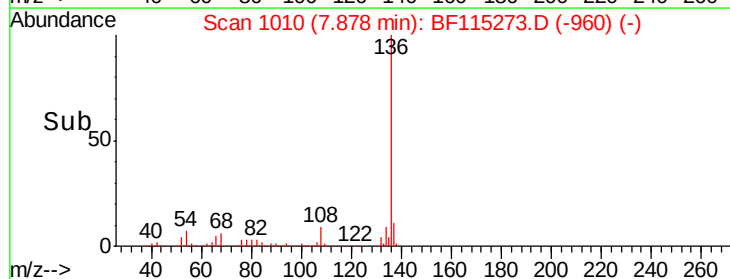
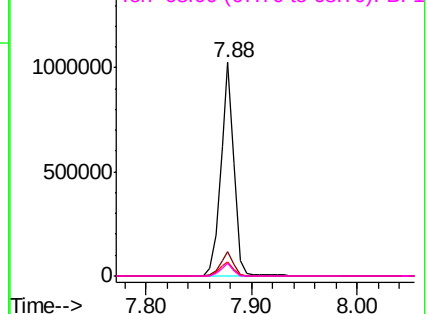
137 11.1 8.9 13.3

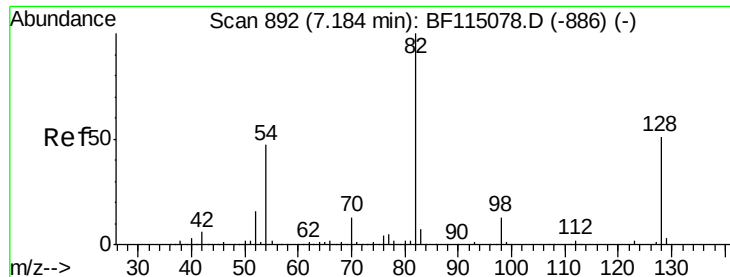
54 6.8 5.6 8.4

68 5.9 4.8 7.2



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

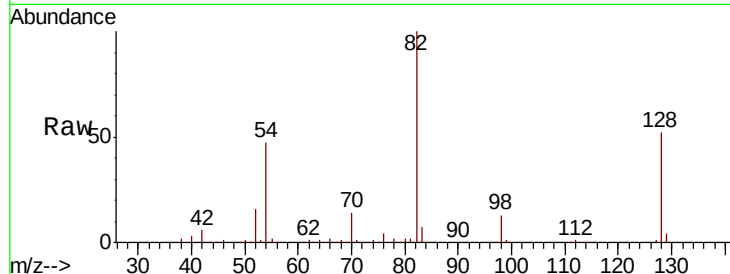




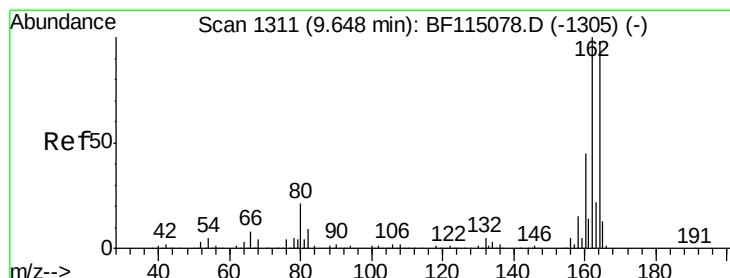
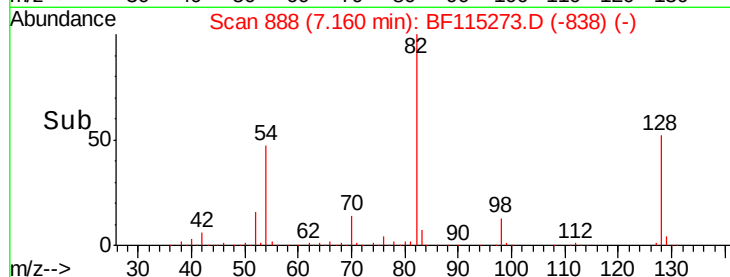
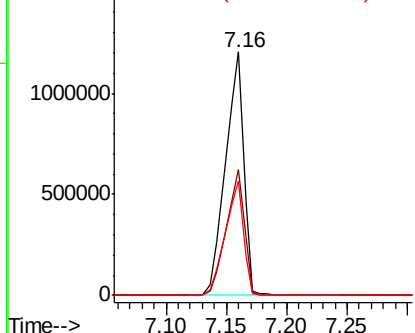
#23
 Nitrobenzene-d5
 Concen: 87.101 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115273.D
 Acq: 28 Jun 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BL

Tot Ion: 82 Resp: 1274775
 Ion Ratio Lower Upper
 82 100
 128 51.7 40.4 60.6
 54 47.0 37.5 56.3

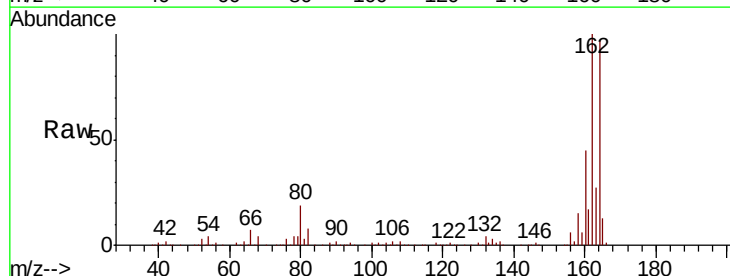


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

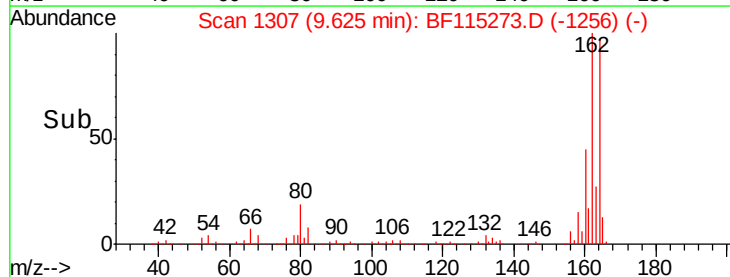
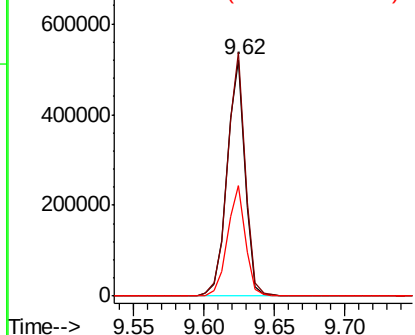


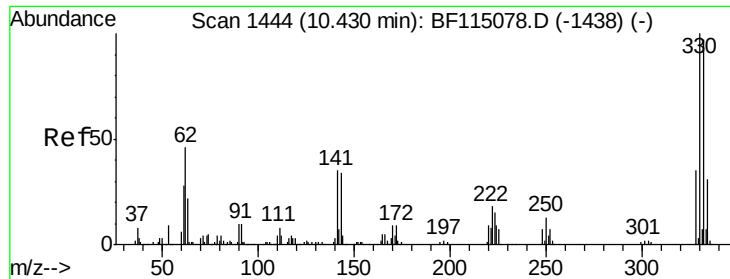
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF115273.D
 Acq: 28 Jun 2019 11:35

Tgt Ion:164 Resp: 458056
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.7 122.5
 160 46.8 37.0 55.4



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: 131.996 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

PB120961BL

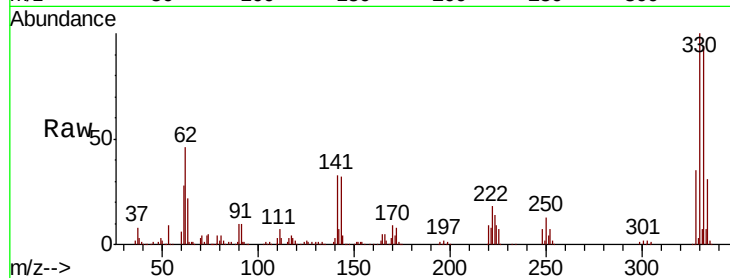
Tot Ion:330 Resp: 637587

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

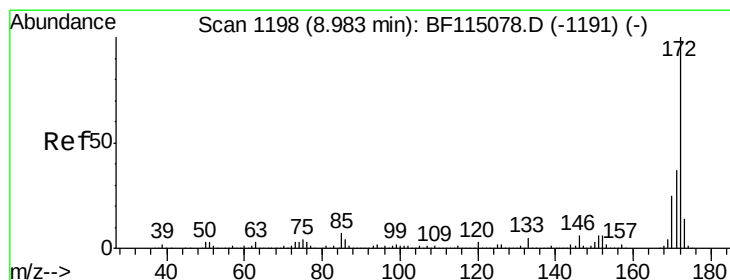
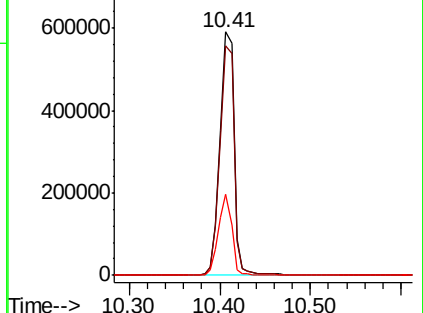
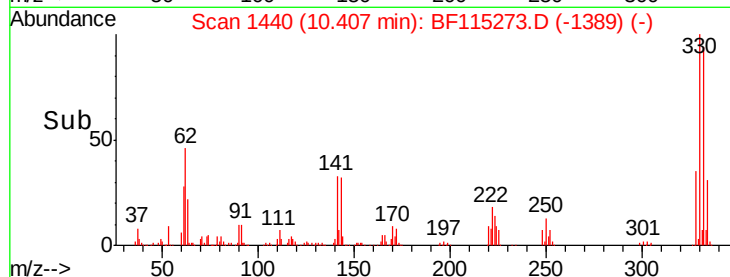
141 31.7 28.2 42.2



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: 89.969 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

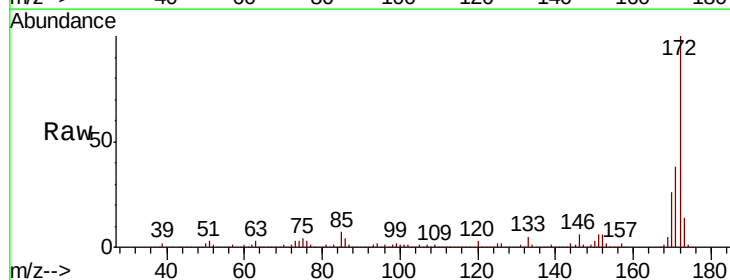
Tgt Ion:172 Resp: 2426143

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

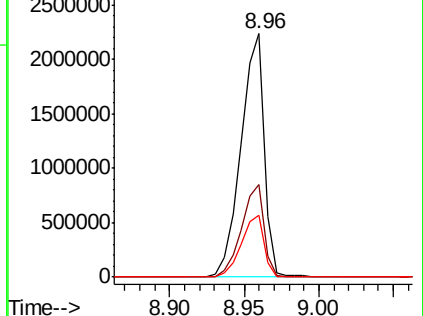
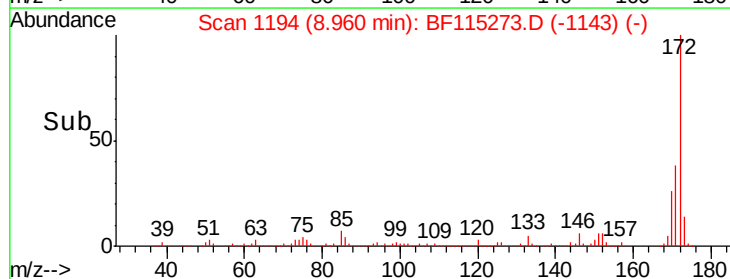
170 25.6 20.3 30.5

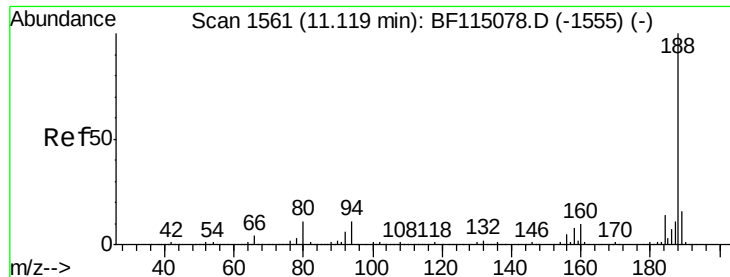


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

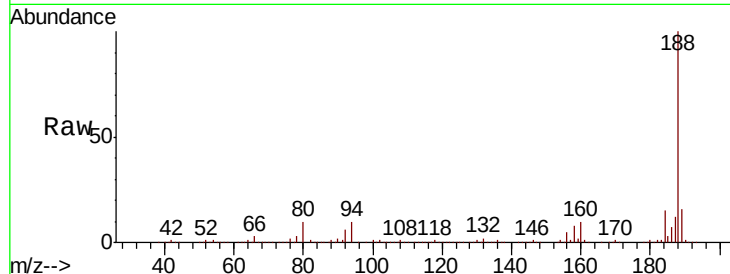




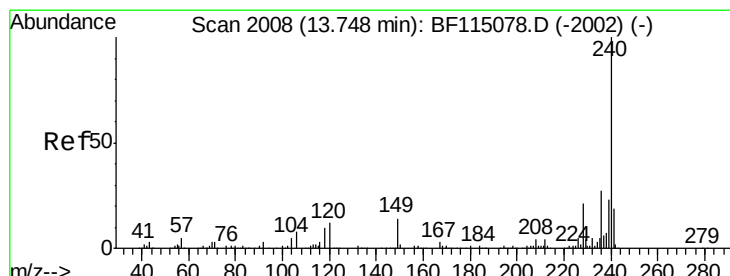
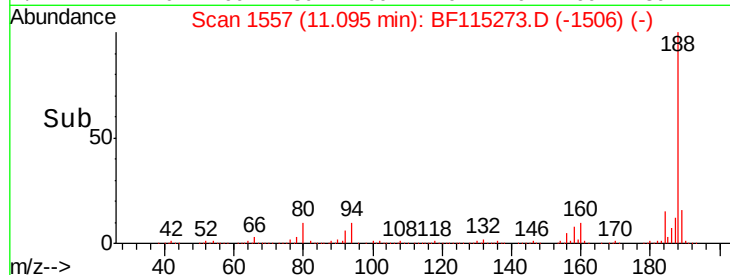
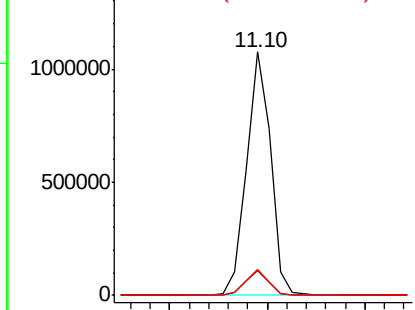
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Instrument :
BNA_F
ClientSampled :
PB120961BL

Tot Ion:188 Resp: 920294
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.5 8.8 13.2

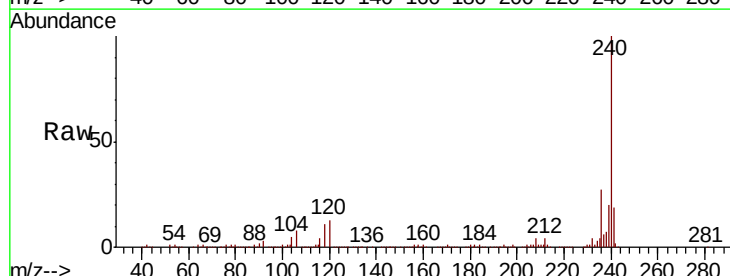


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

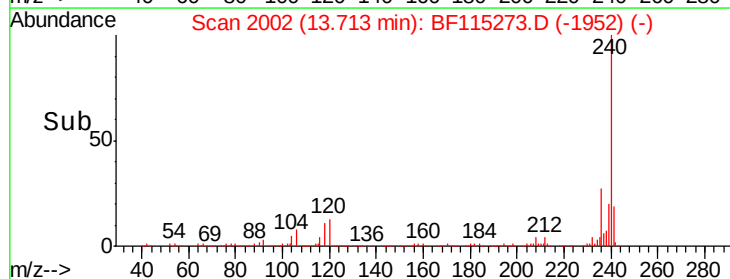
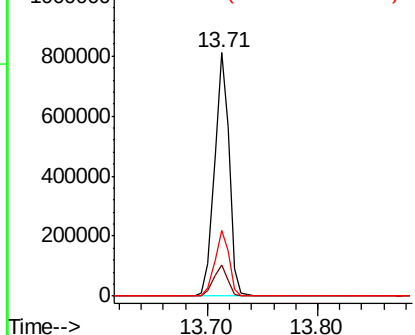


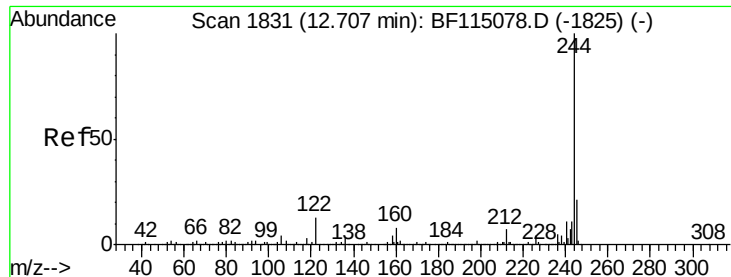
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Tgt Ion:240 Resp: 736970
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 27.0 21.7 32.5



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: 82.138 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

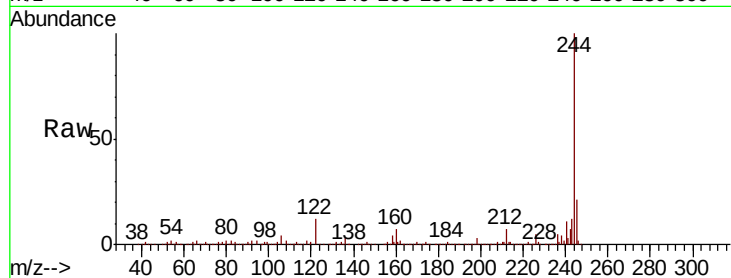
BNA_F

ClientSampleId :

PB120961BL

Tot Ion:244 Resp: 2847087

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.2	10.4	15.6

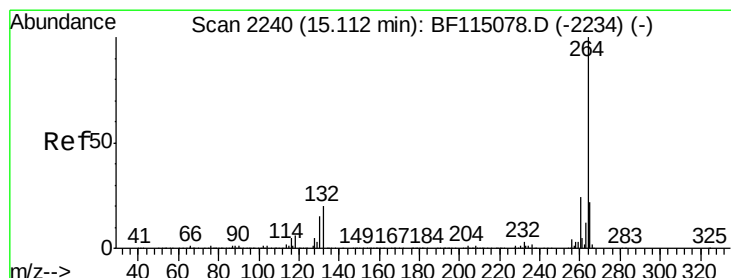
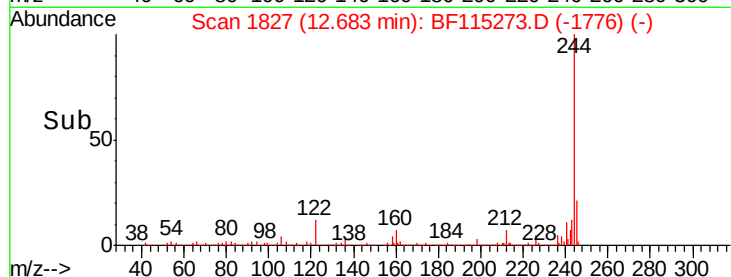
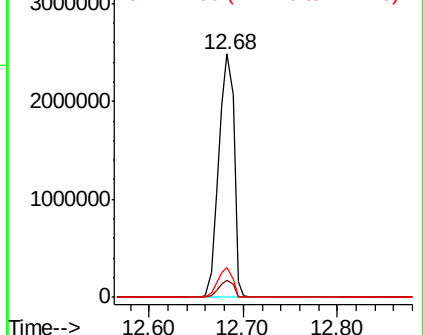


Abundance

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: 15.08 min Scan# 2234

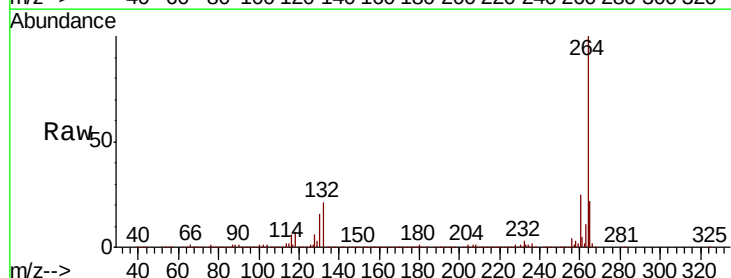
Delta R.T. -0.01 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Tgt Ion:264 Resp: 771302

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.1	17.3	25.9



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

