

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115276.D
 Acq On : 28 Jun 2019 12:54
 Operator : HP/JU
 Sample : PB120984TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120984TB

Quant Time: Jun 29 04:44:08 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	248654	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	961513	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	484290	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	976953	20.00	ng	0.00
76) Chrysene-d12	13.71	240	786779	20.00	ng	0.00
87) Perylene-d12	15.08	264	837799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1562292	96.96	ng	0.01
7) Phenol-d6	6.24	99	1923160	98.33	ng	0.00
23) Nitrobenzene-d5	7.16	82	1176050	75.24	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	585816	114.71	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2293928	80.46	ng	0.00
79) Terphenyl-d14	12.68	244	2729409	73.76	ng	0.00

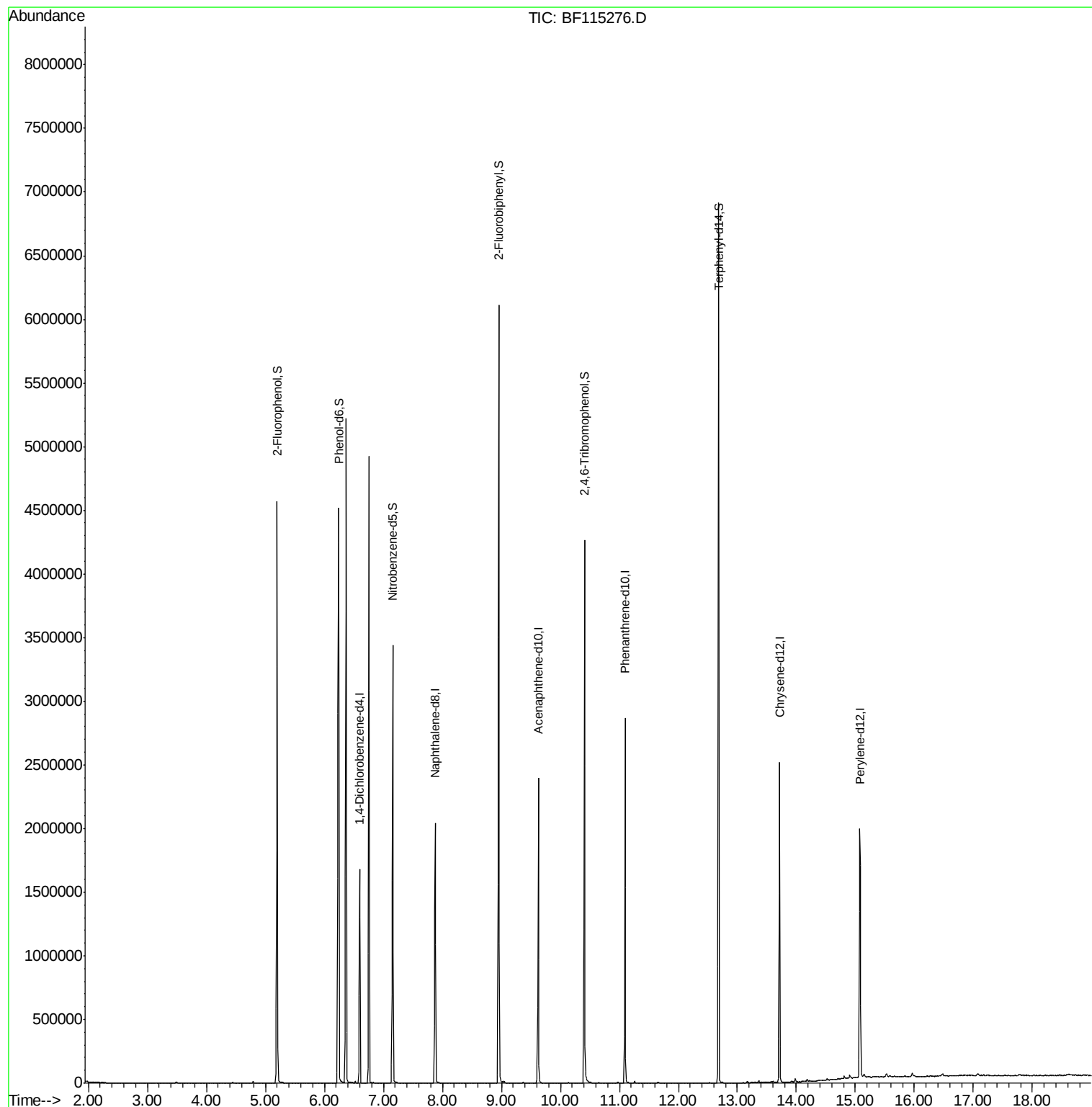
Target Compounds Qvalue

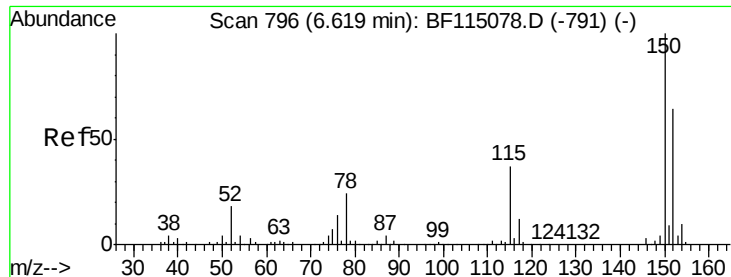
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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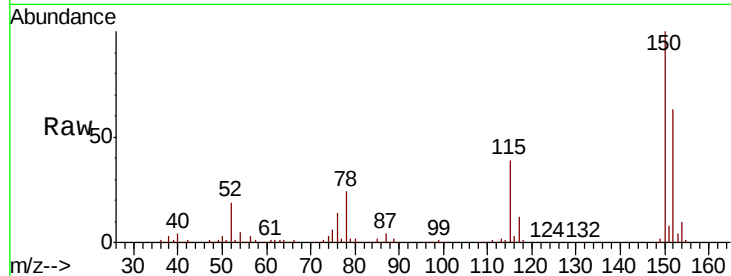


#1

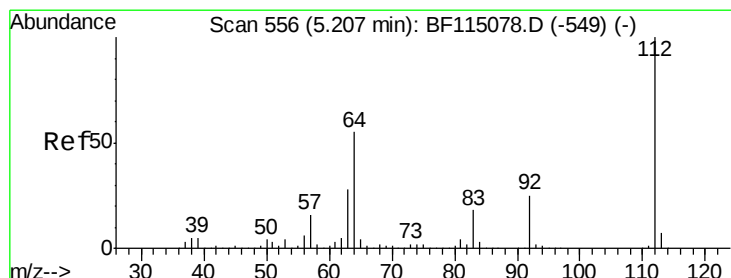
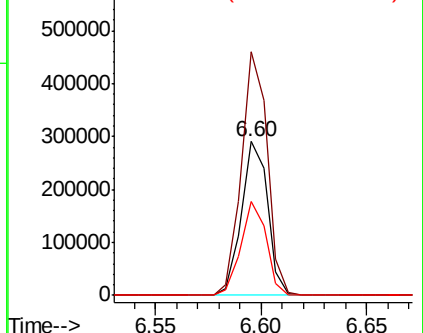
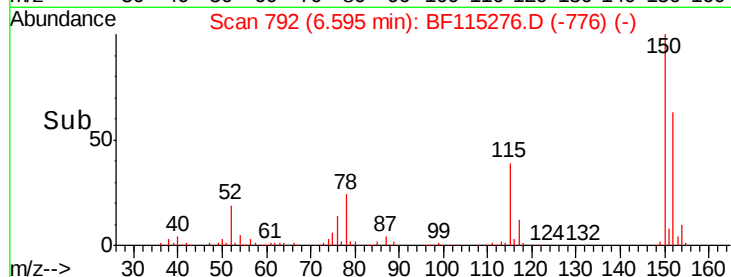
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB120984TB

Tot Ion:152 Resp: 248654
Ion Ratio Lower Upper
152 100
150 158.6 124.2 186.2
115 61.1 46.1 69.1



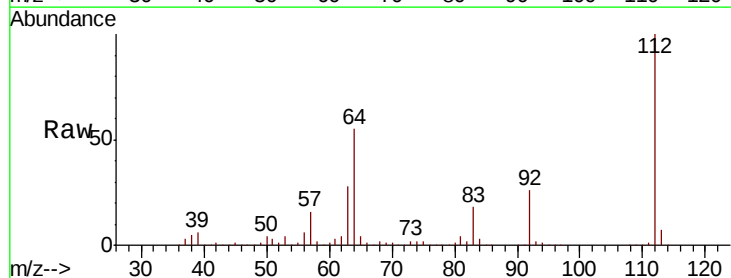
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



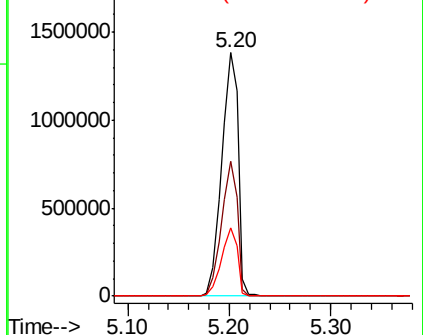
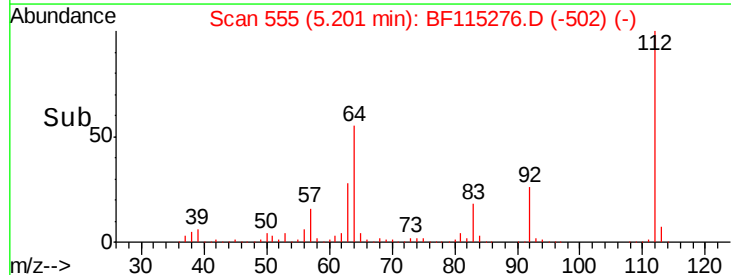
#5

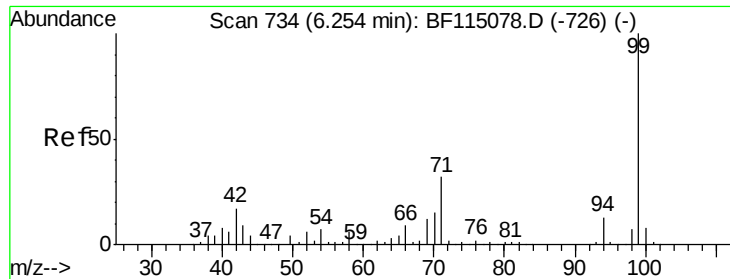
2-Fluorophenol
Concen: 96.957 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Tgt Ion:112 Resp: 1562292
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.6
63 27.9 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: 98.334 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

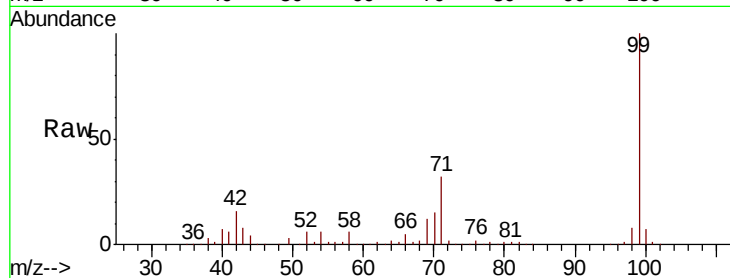
Tot Ion: 99 Resp: 1923160

Ion Ratio Lower Upper

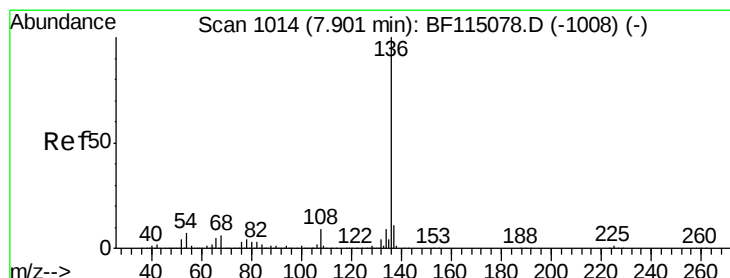
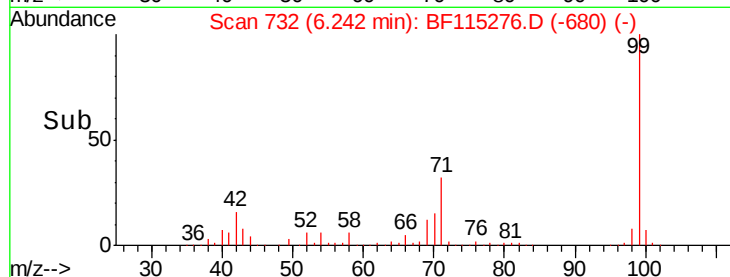
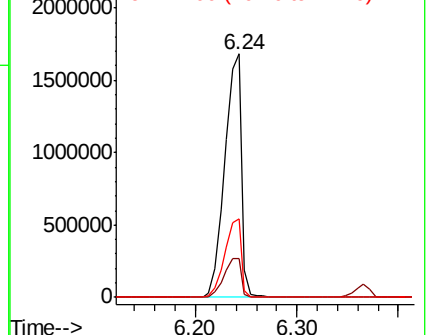
99 100

42 16.1 13.6 20.4

71 32.0 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: BF115276.D

Acq: 28 Jun 2019 12:54

Tgt Ion: 136 Resp: 961513

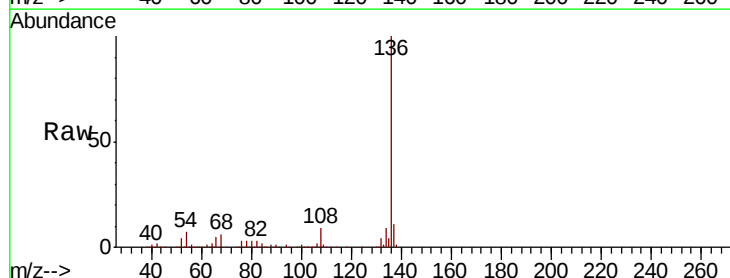
Ion Ratio Lower Upper

136 100

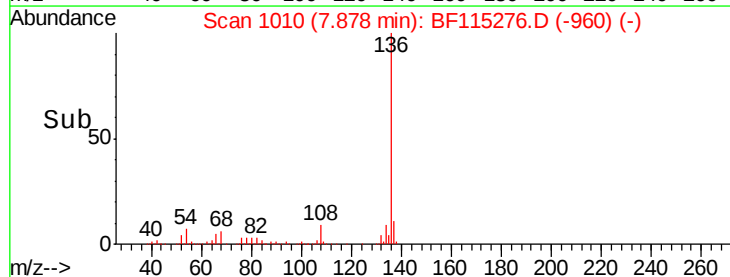
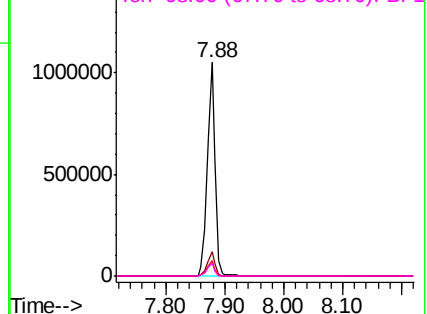
137 11.4 8.9 13.3

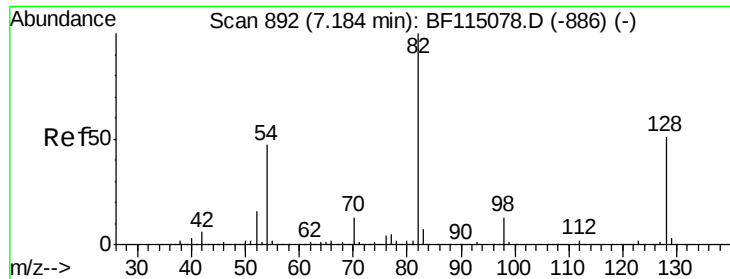
54 6.9 5.6 8.4

68 6.1 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

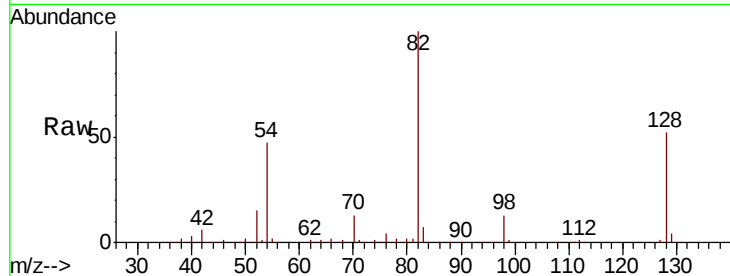




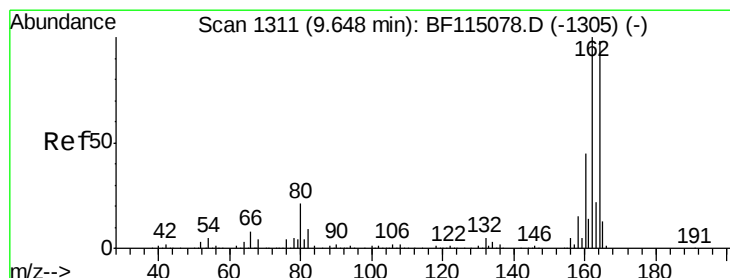
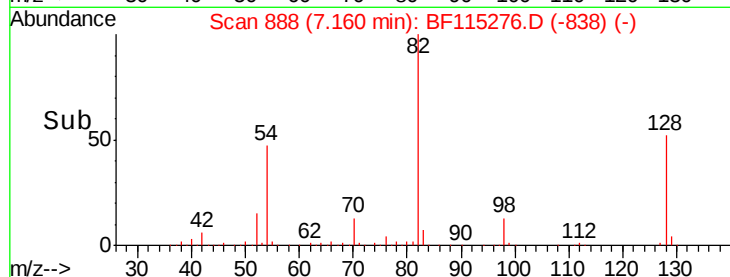
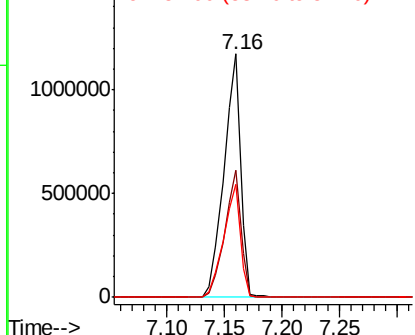
#23
Nitrobenzene-d5
Concen: 75.241 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB120984TB

Tot Ion: 82 Resp: 1176050
Ion Ratio Lower Upper
82 100
128 52.5 40.4 60.6
54 46.6 37.5 56.3

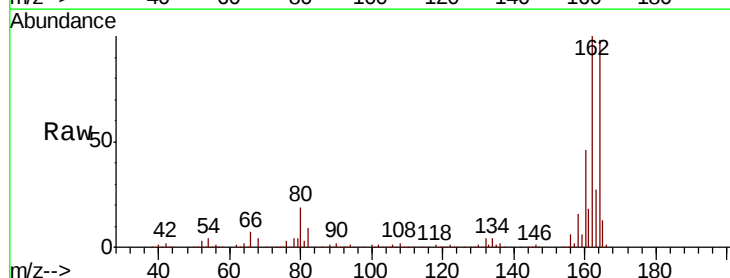


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

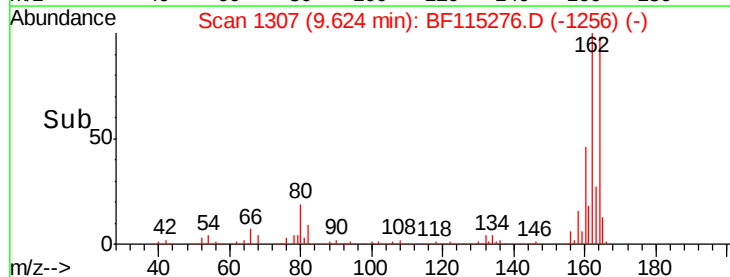
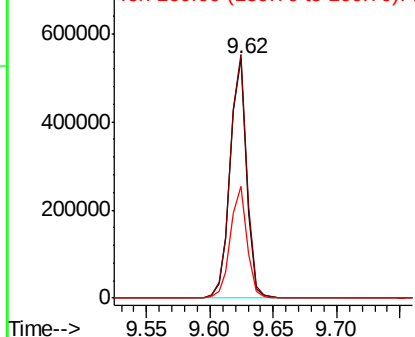


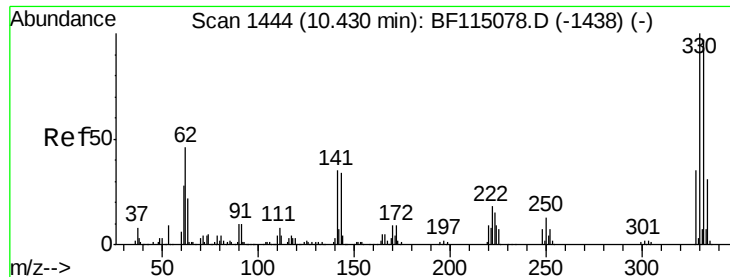
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Tgt Ion:164 Resp: 484290
Ion Ratio Lower Upper
164 100
162 101.8 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: 114.708 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

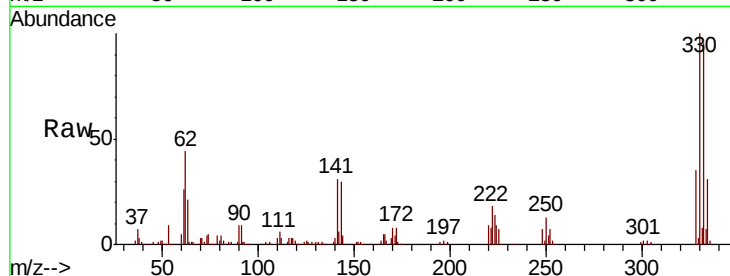
Tot Ion:330 Resp: 585816

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

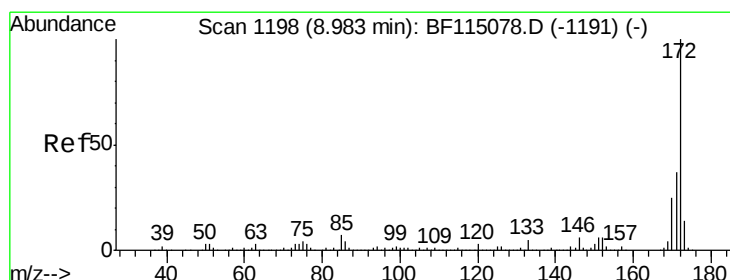
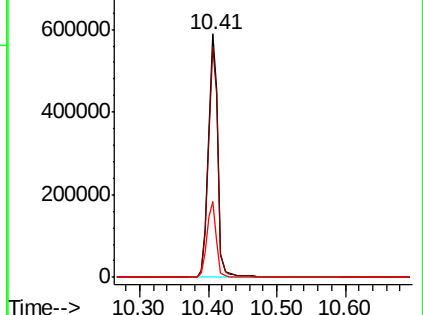
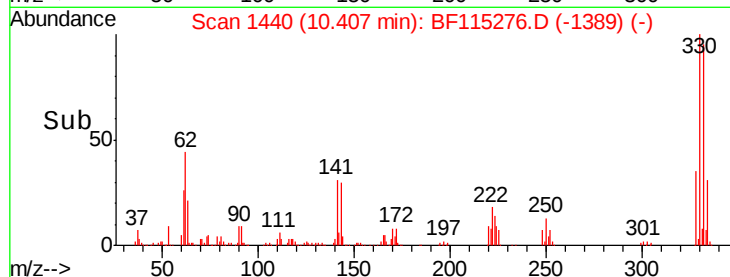
141 31.3 28.2 42.2



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: 80.458 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

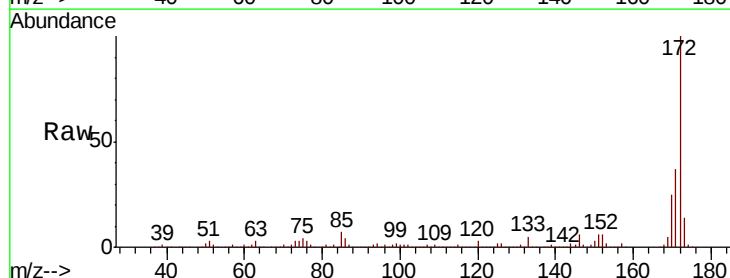
Tgt Ion:172 Resp: 2293928

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

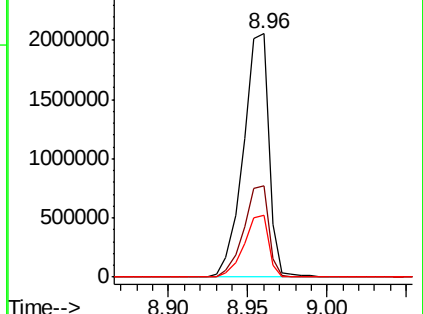
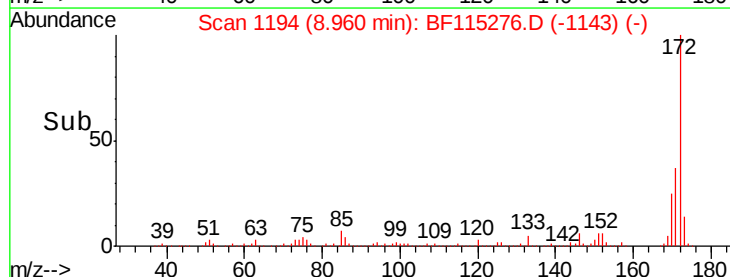
170 25.4 20.3 30.5

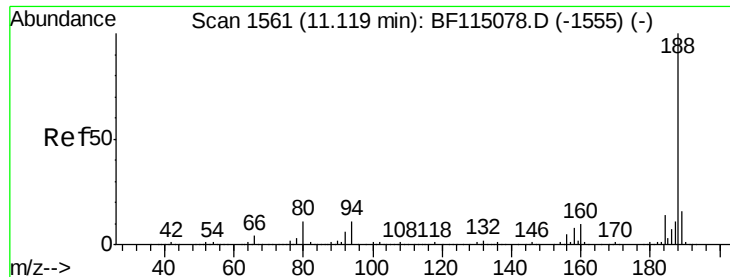


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

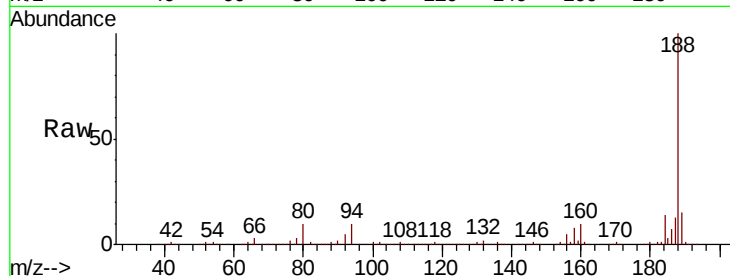
Tot Ion:188 Resp: 976953

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

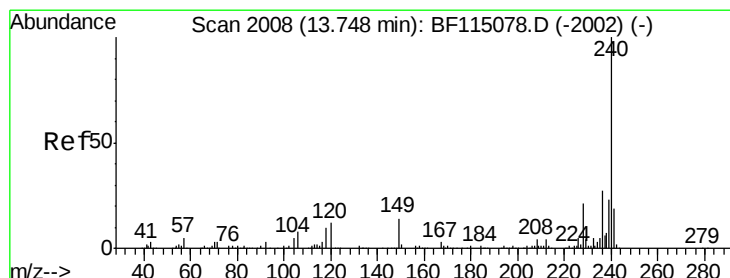
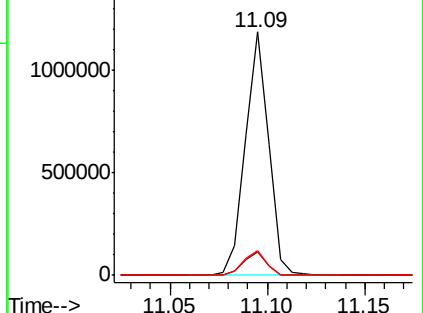
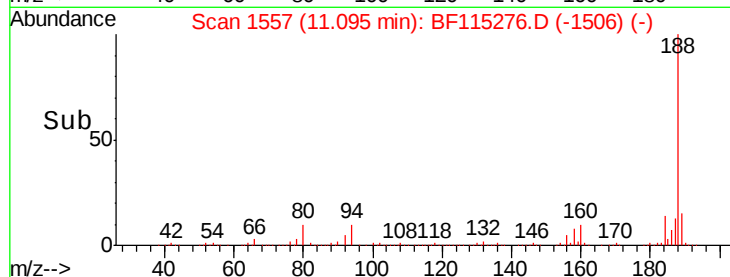
80 10.3 8.8 13.2



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: BF115276.D

Acq: 28 Jun 2019 12:54

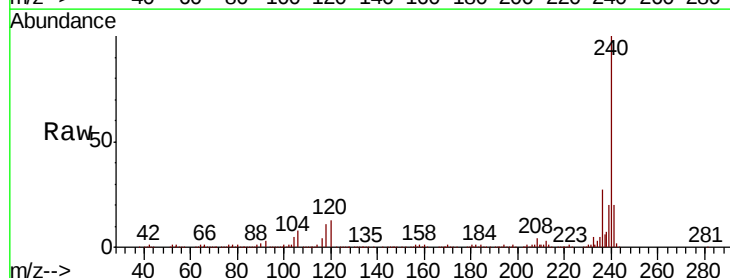
Tgt Ion:240 Resp: 786779

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

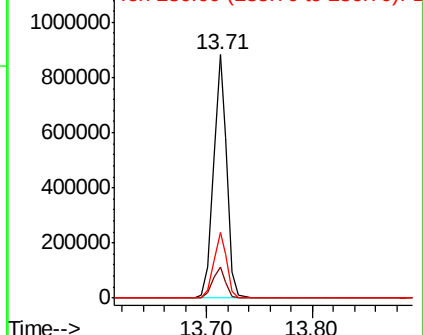
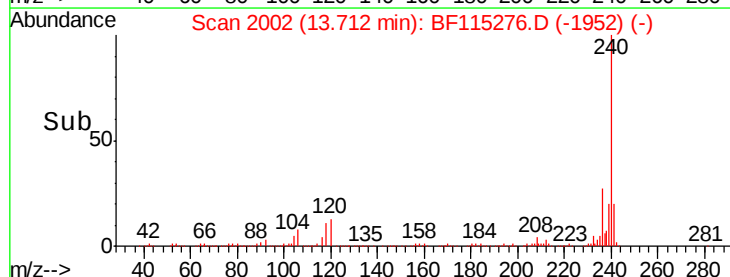
236 27.0 21.7 32.5

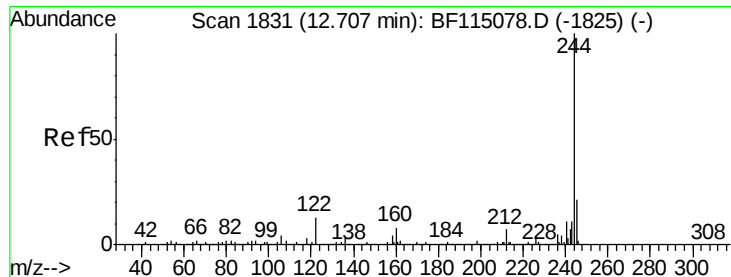


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.758 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

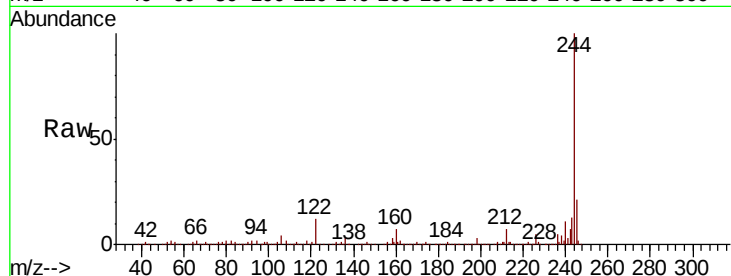
Tot Ion:244 Resp: 2729409

Ion Ratio Lower Upper

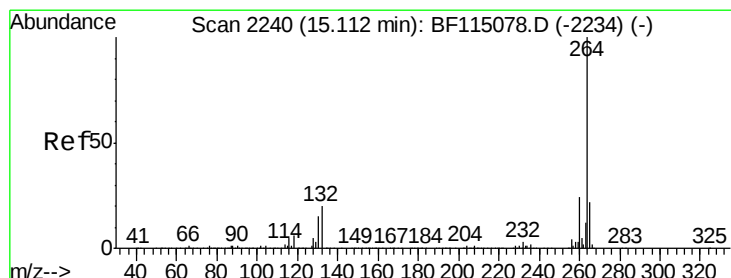
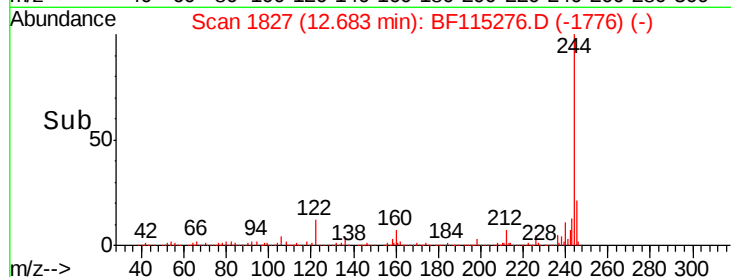
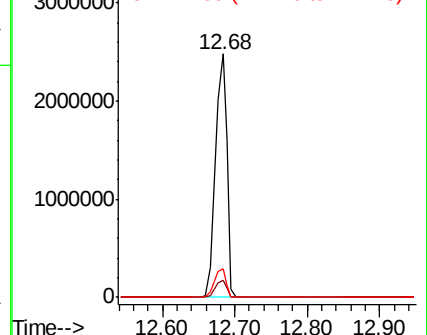
244 100

212 7.2 5.8 8.6

122 11.9 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: BF115276.D

Acq: 28 Jun 2019 12:54

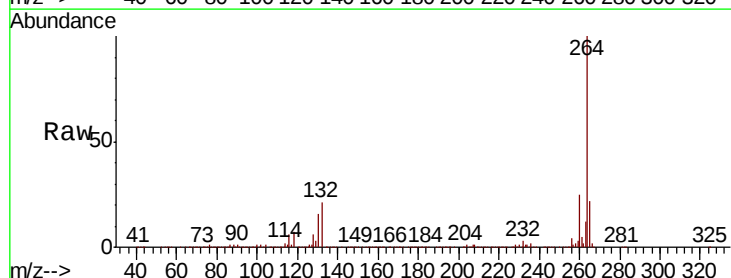
Tgt Ion:264 Resp: 837799

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 21.8 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

