

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115280.D
 Acq On : 28 Jun 2019 14:40
 Operator : HP/JU
 Sample : PB120920BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BL

Quant Time: Jun 29 04:51:03 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	233391	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	892059	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	435536	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	855847	20.00	ng	0.00
76) Chrysene-d12	13.71	240	687888	20.00	ng	0.00
87) Perylene-d12	15.08	264	755263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1610234	106.47	ng	0.01
7) Phenol-d6	6.24	99	1976117	107.65	ng	0.00
23) Nitrobenzene-d5	7.16	82	1211322	83.53	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	560322	122.00	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2298128	89.63	ng	0.00
79) Terphenyl-d14	12.68	244	2523213	77.99	ng	0.00

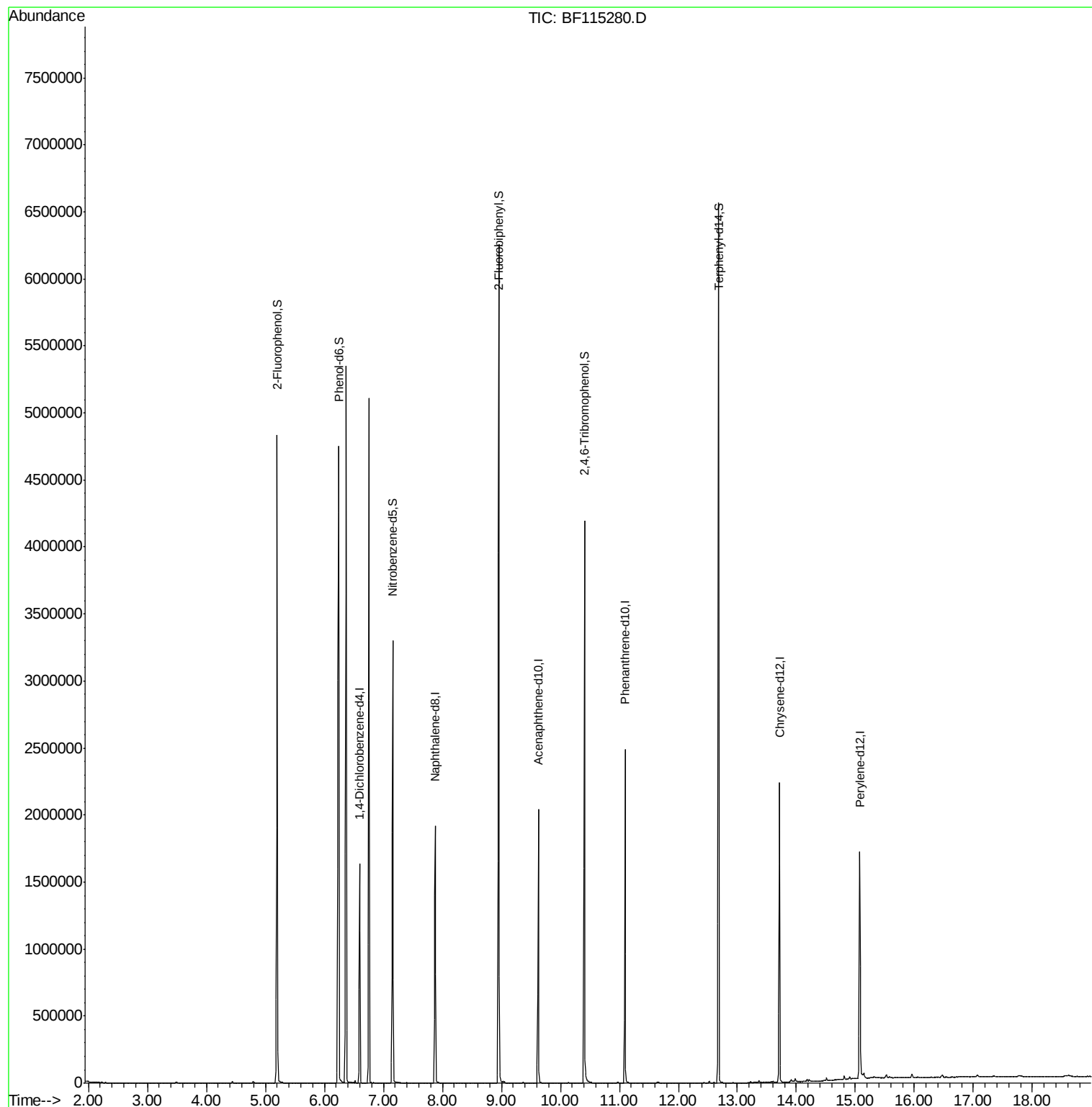
Target Compounds Qvalue

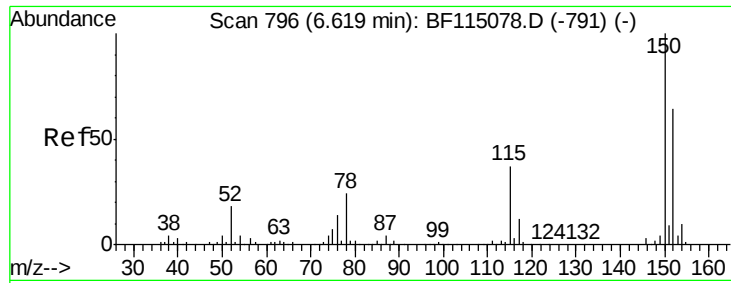
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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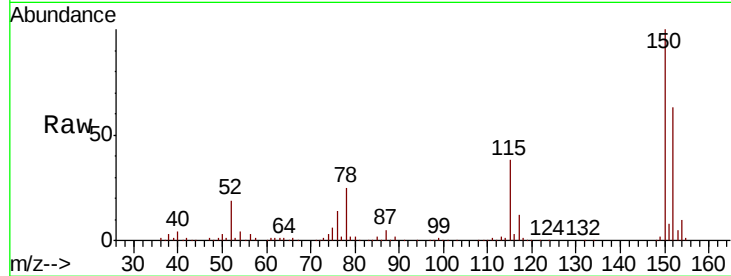


#1

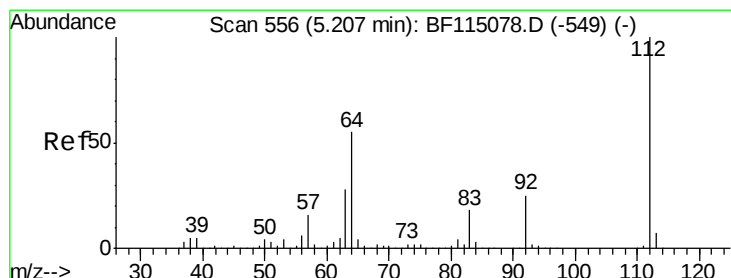
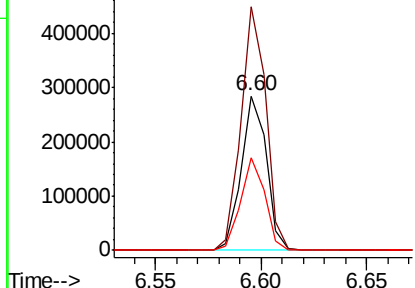
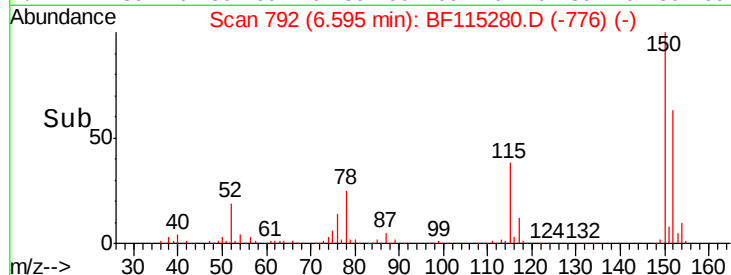
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB120920BL

Tot Ion:152 Resp: 233391
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.2
115 60.2 46.1 69.1



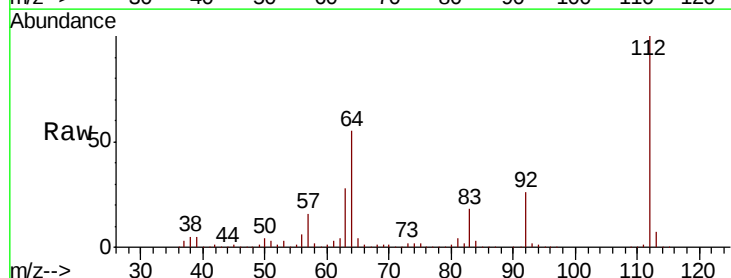
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



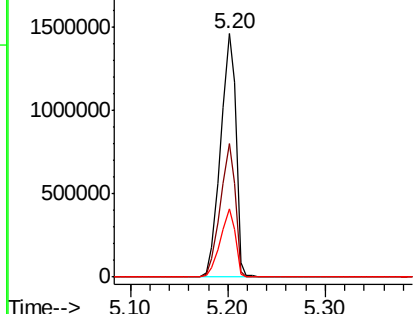
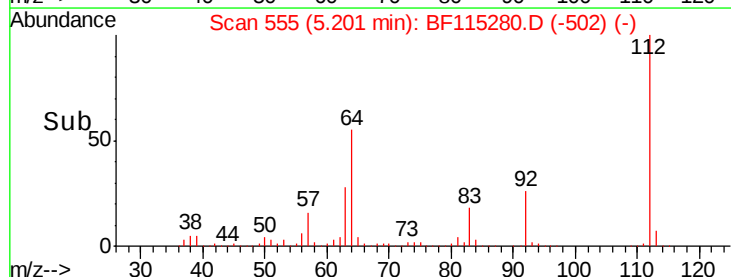
#5

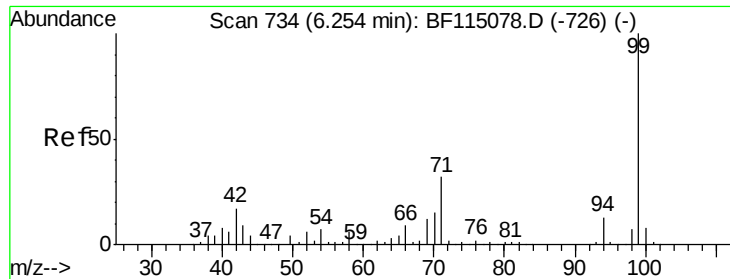
2-Fluorophenol
Concen: 106.468 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Tgt Ion:112 Resp: 1610234
Ion Ratio Lower Upper
112 100
64 55.1 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: 107.649 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

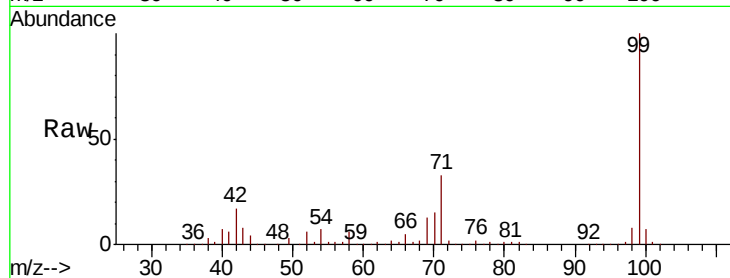
BNA_F

ClientSampleId :

PB120920BL

Tot Ion: 99 Resp: 1976117

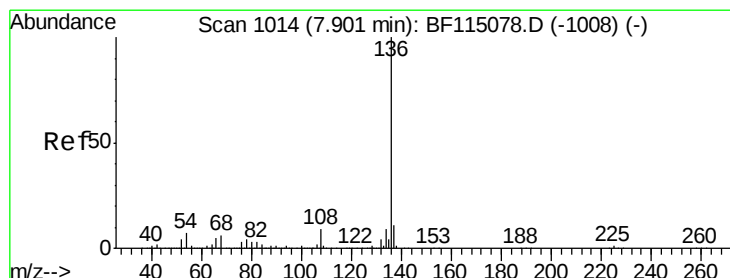
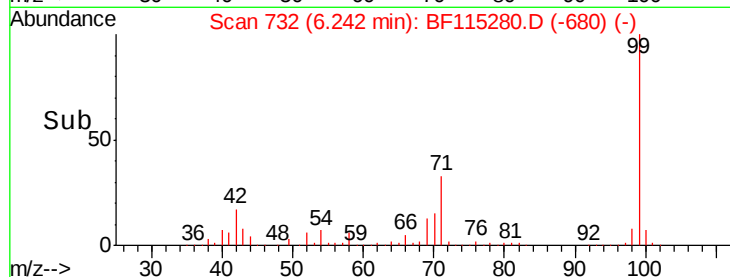
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	33.0	25.5	38.3



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

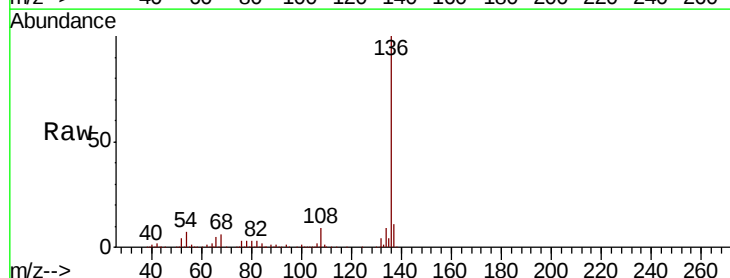
Delta R.T. -0.01 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Tgt Ion: 136 Resp: 892059

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	5.6	8.4
68	6.1	4.8	7.2

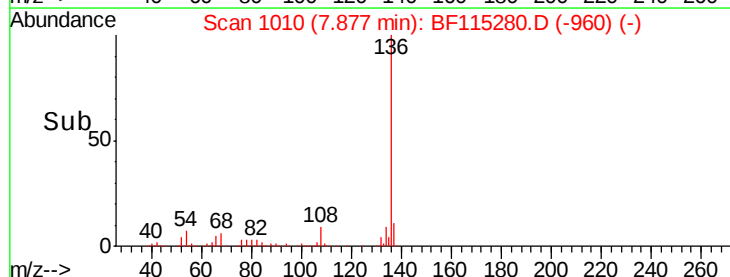


Abundance Ion 136.00 (135.70 to 136.70): E

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

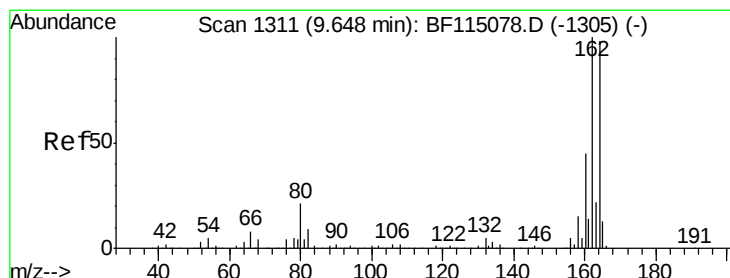
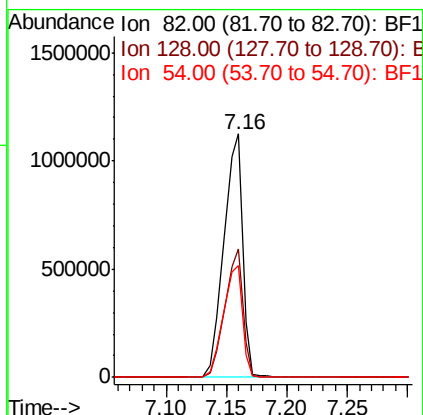
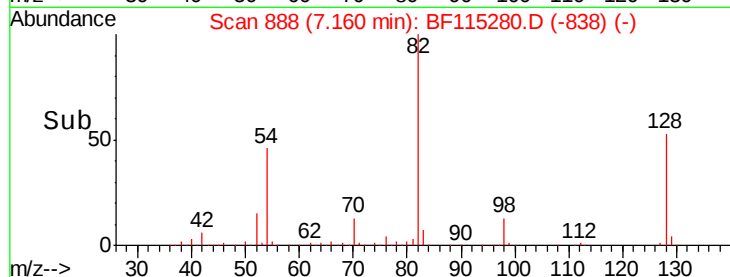
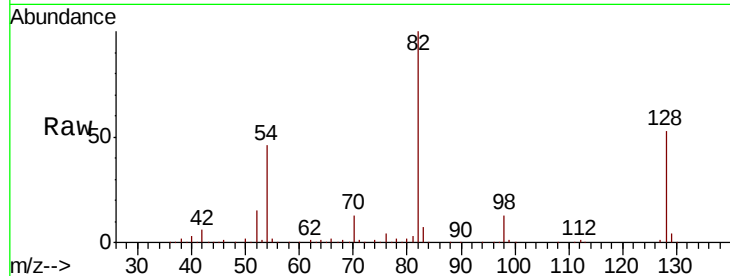




#23
Nitrobenzene-d5
Concen: 83.531 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

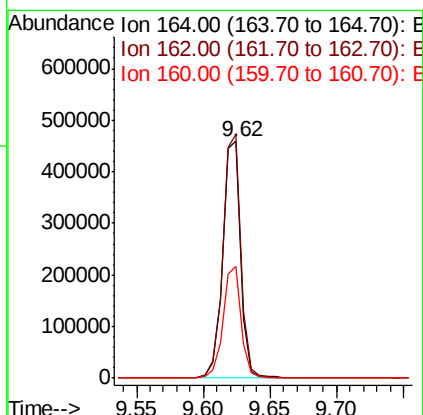
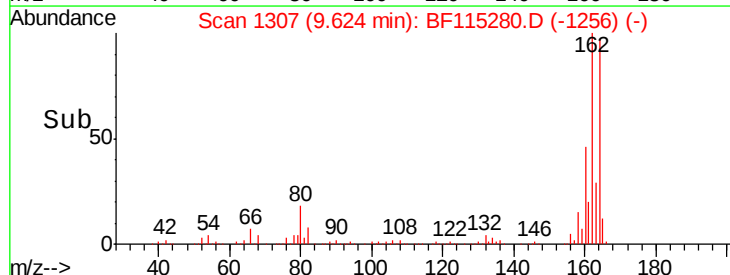
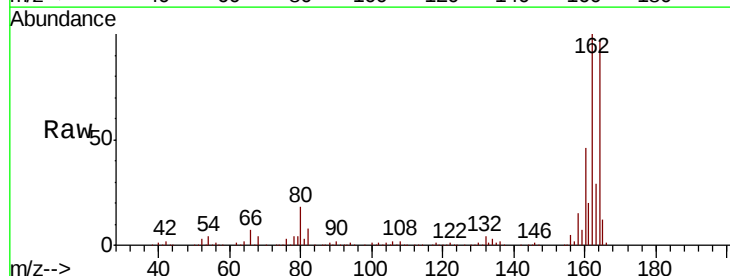
Instrument :
BNA_F
ClientSampleId :
PB120920BL

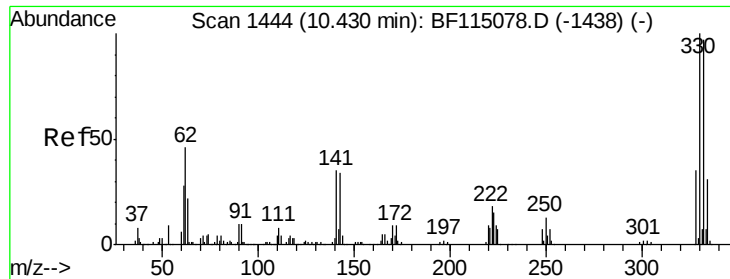
Tot Ion: 82 Resp: 1211322
Ion Ratio Lower Upper
82 100
128 52.8 40.4 60.6
54 46.1 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Tgt Ion:164 Resp: 435536
Ion Ratio Lower Upper
164 100
162 102.9 81.7 122.5
160 47.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 121.998 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

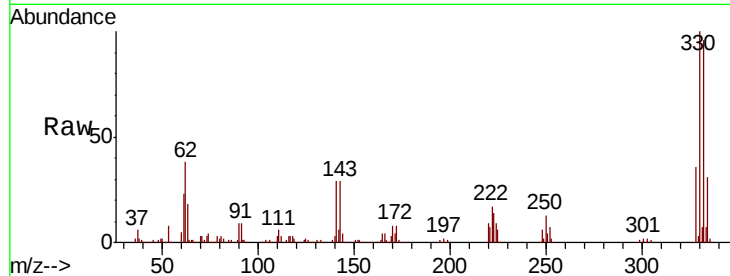
Tot Ion:330 Resp: 560322

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

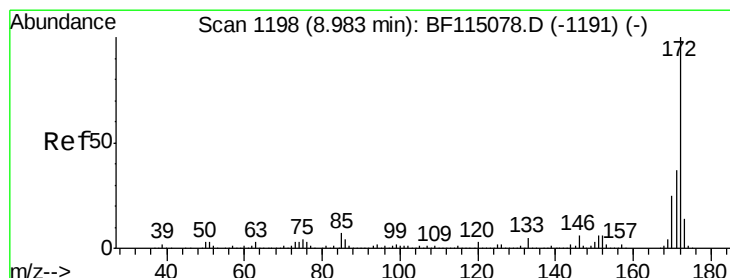
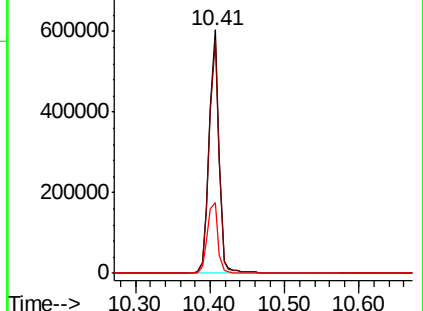
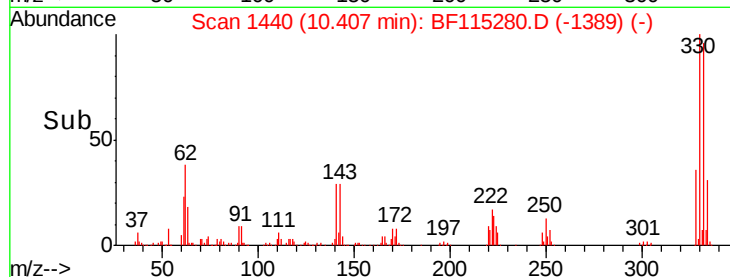
141 31.8 28.2 42.2



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: 89.629 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

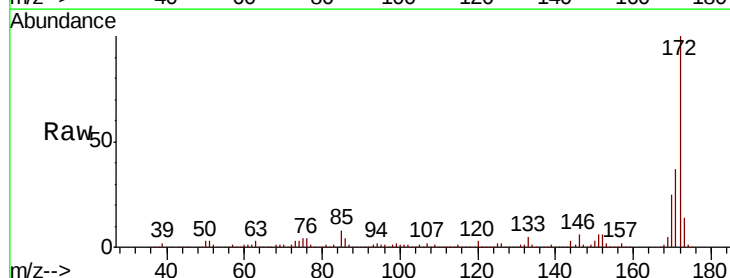
Tgt Ion:172 Resp: 2298128

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

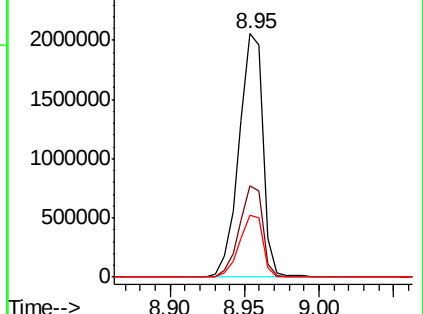
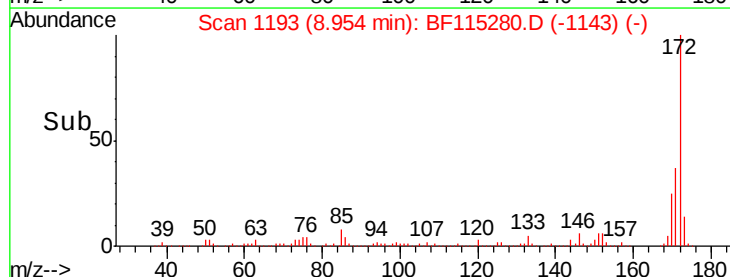
170 25.4 20.3 30.5

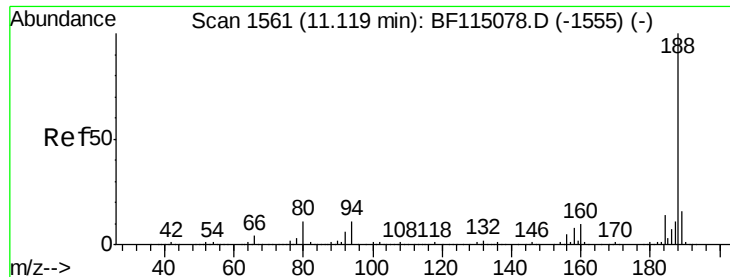


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

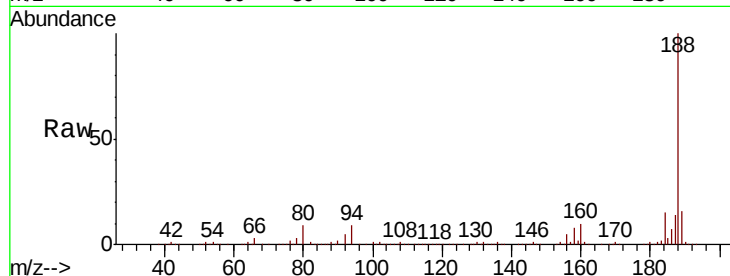




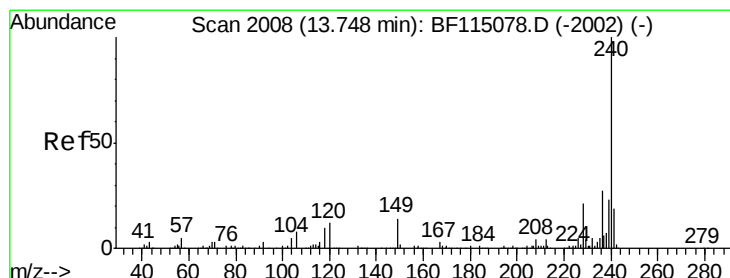
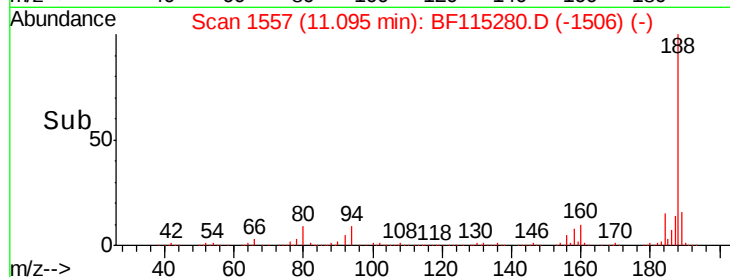
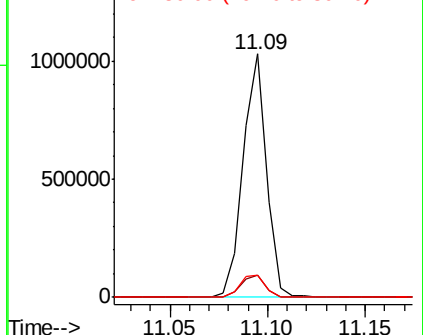
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Instrument :
BNA_F
ClientSampled :
PB120920BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.6	12.8
80	9.4	8.8	13.2

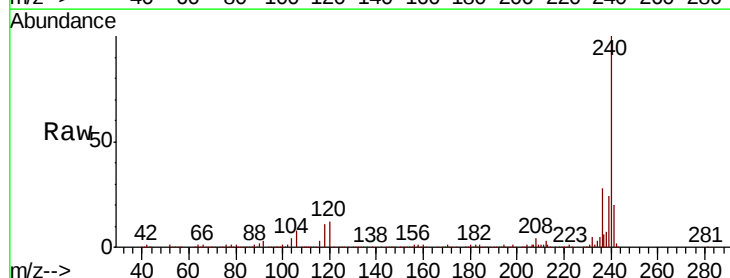


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

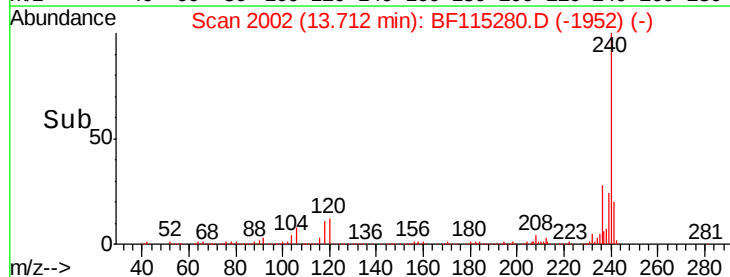
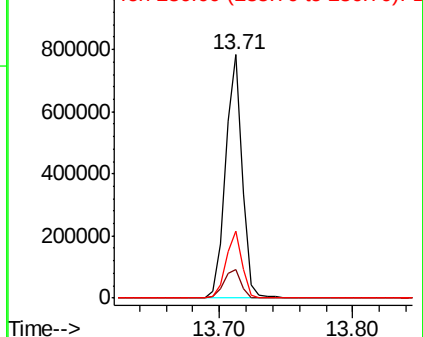


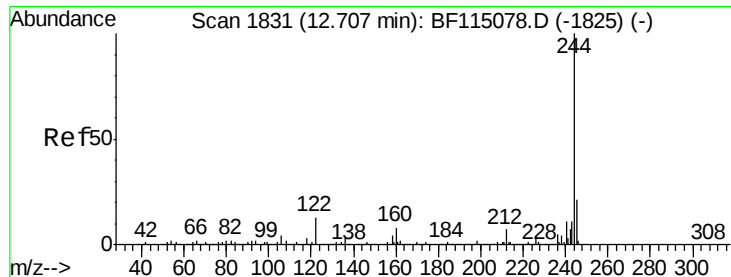
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	27.7	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: 77.989 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

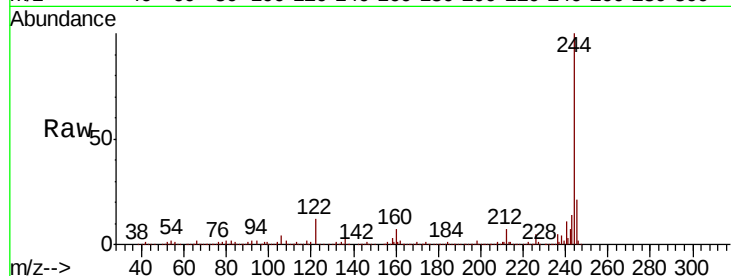
Tot Ion:244 Resp: 2523213

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

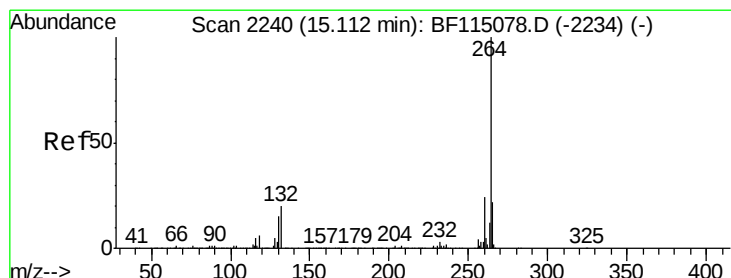
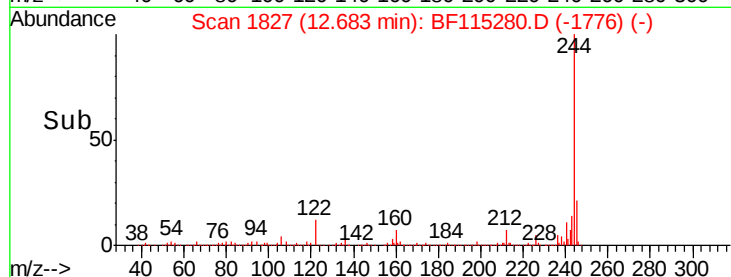
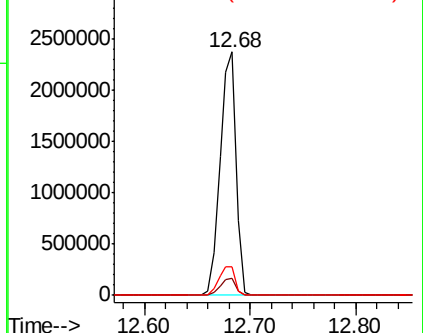
122 11.6 10.4 15.6



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: BF115280.D

Acq: 28 Jun 2019 14:40

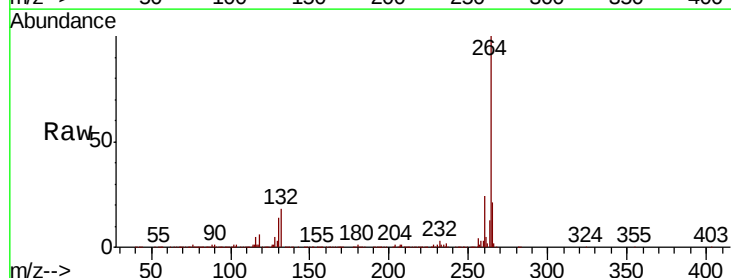
Tgt Ion:264 Resp: 755263

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.1 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

