

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000065.D
 Acq On : 04 Sep 2019 14:37
 Operator : HP/JU
 Sample : PB122788BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB122788BL

Quant Time: Sep 05 06:44:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	466930	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1743028	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	948988	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1720968	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1442326	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1545763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3554160	121.38	ng	0.00
7) Phenol-d6	6.52	99	4474002	121.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	2538916	89.38	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1148438	143.57	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4876170	85.81	ng	0.00
79) Terphenyl-d14	13.04	244	5767812	87.16	ng	0.00

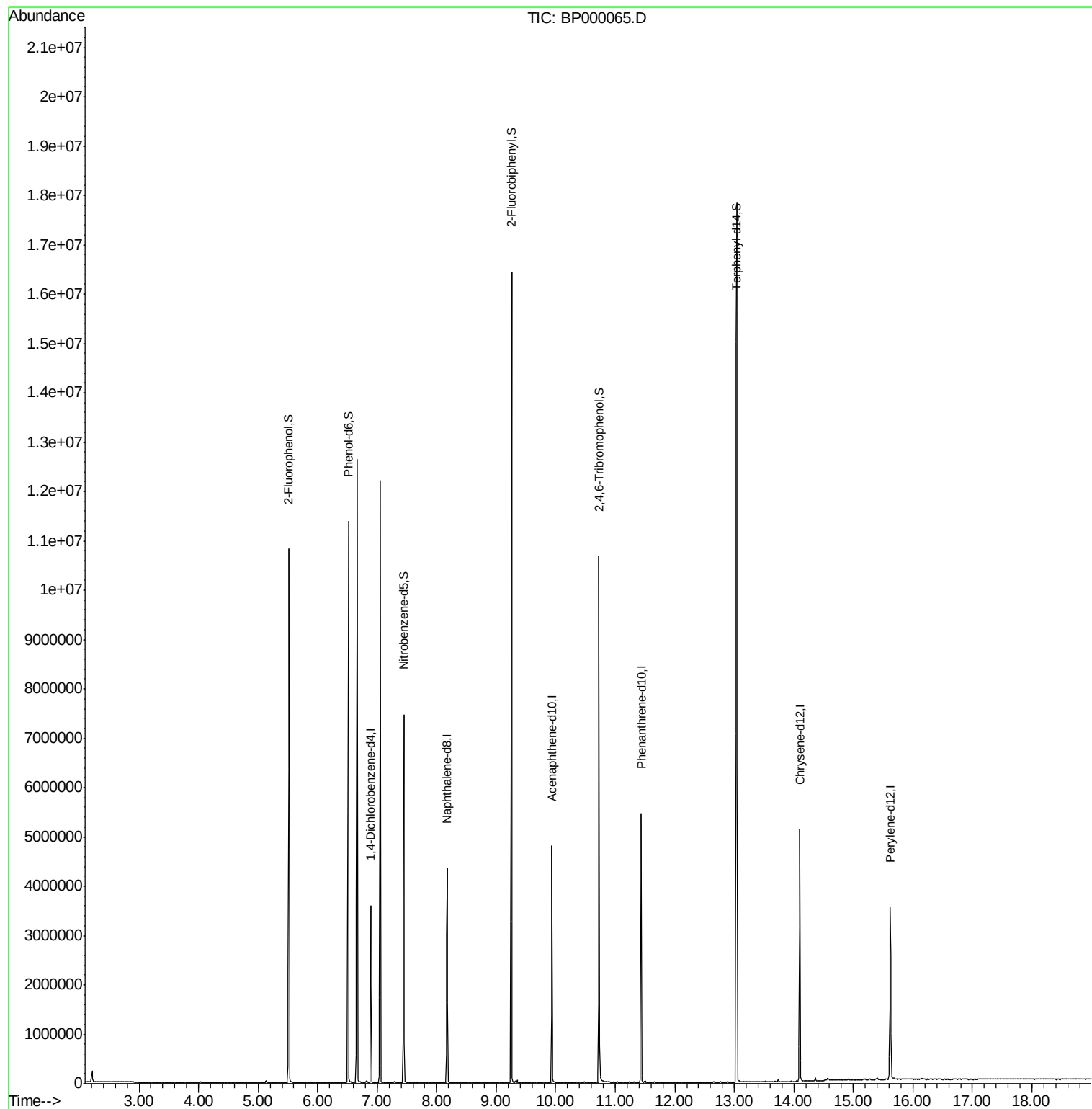
Target Compounds Qvalue

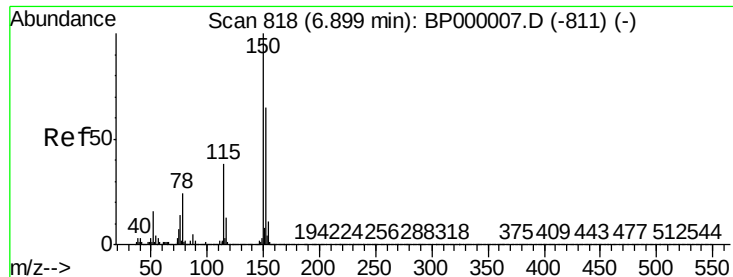
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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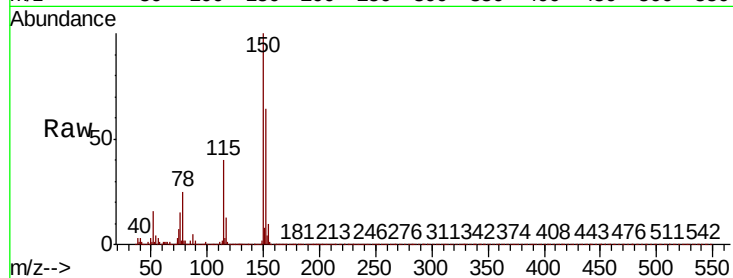


#1

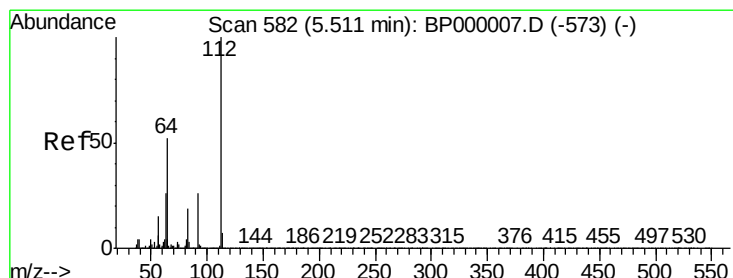
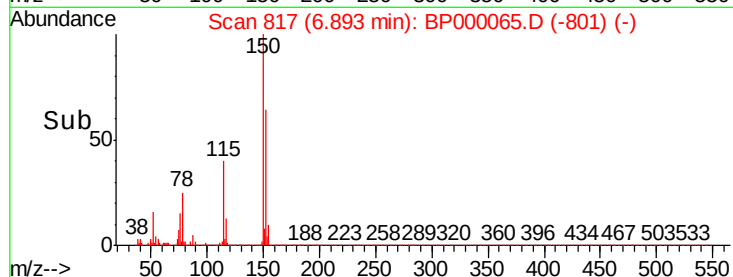
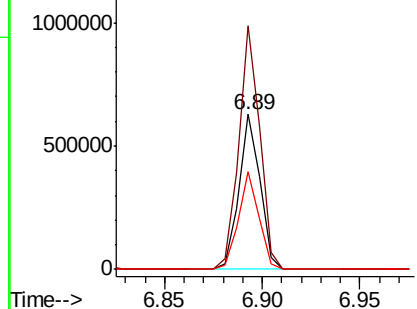
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Instrument :
BNA_P
ClientSampleId :
PB122788BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.6
115	62.9	46.7	70.1



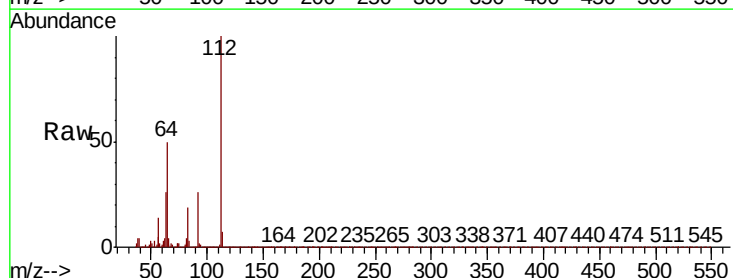
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



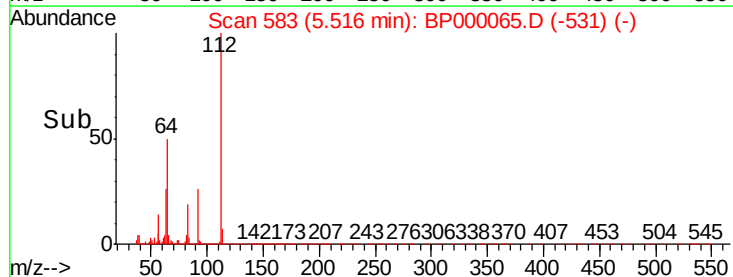
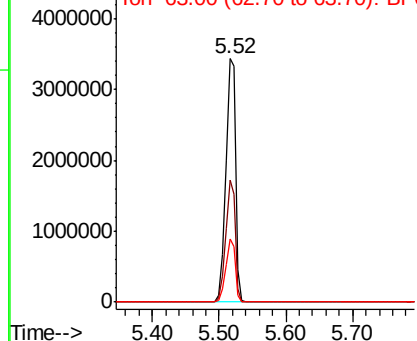
#5

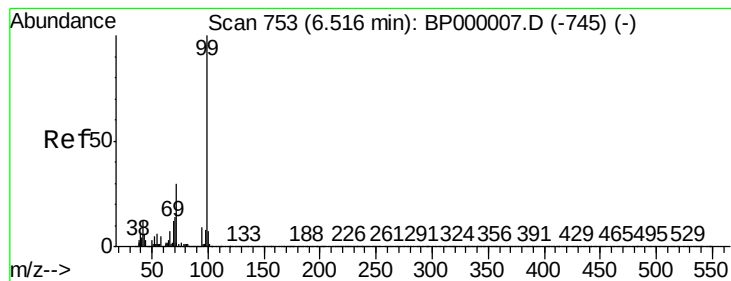
2-Fluorophenol
Concen: 121.379 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	41.8	62.8
63	25.9	21.0	31.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 121.032 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

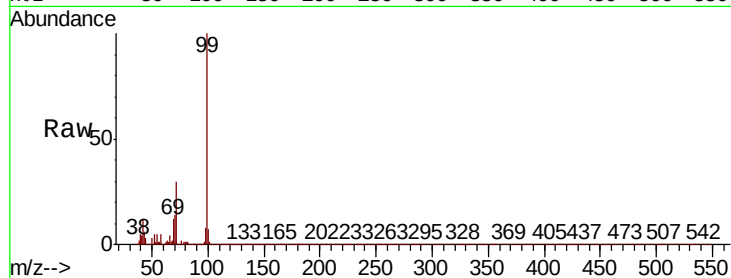
BNA_P

ClientSampleId :

PB122788BL

Tot Ion: 99 Resp: 4474002

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.8	14.8
71	30.4	23.8	35.8

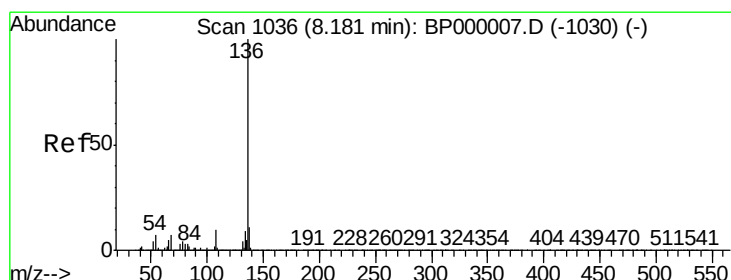
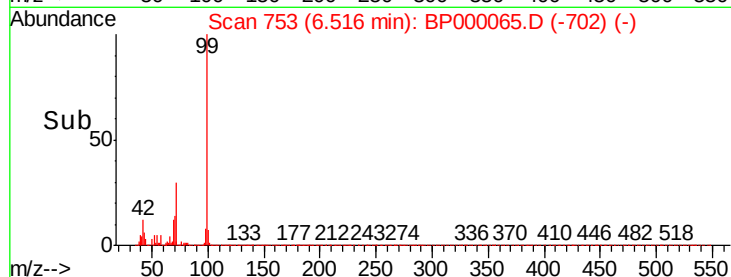
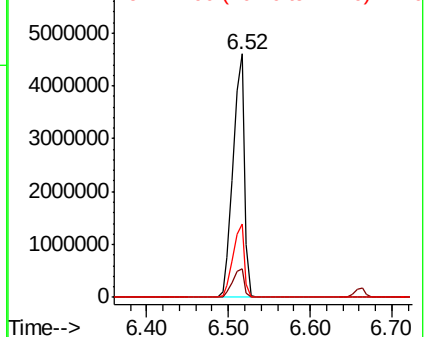


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

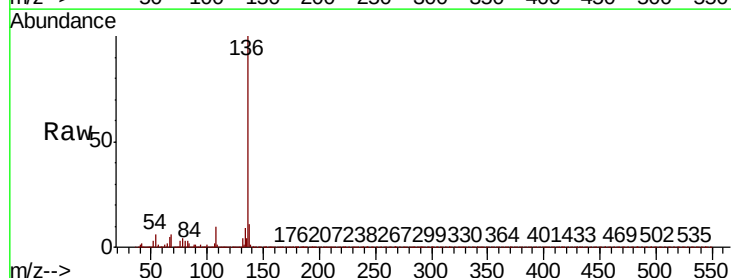
Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Tgt Ion: 136 Resp: 1743028

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.3	5.4	8.2
68	6.3	5.4	8.0



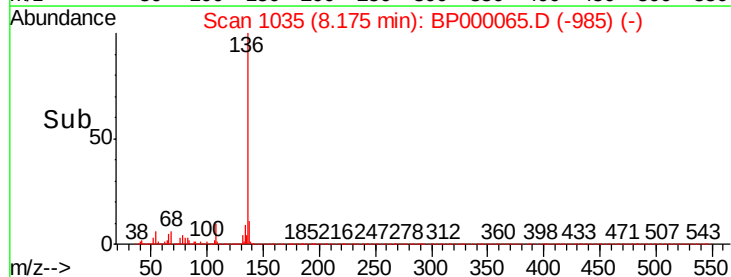
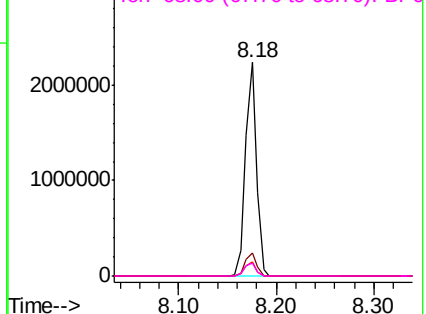
Abundance

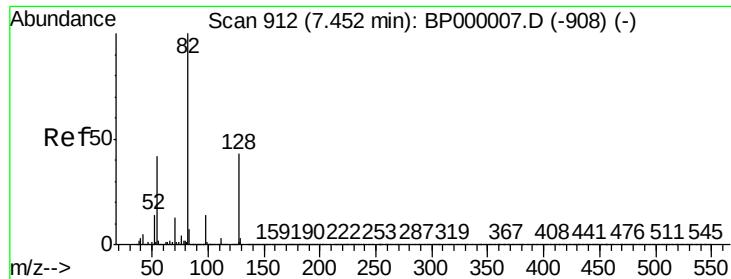
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

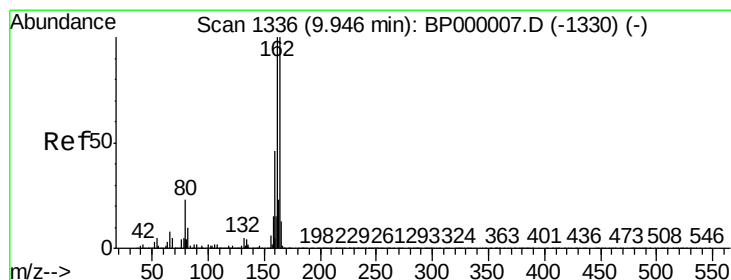
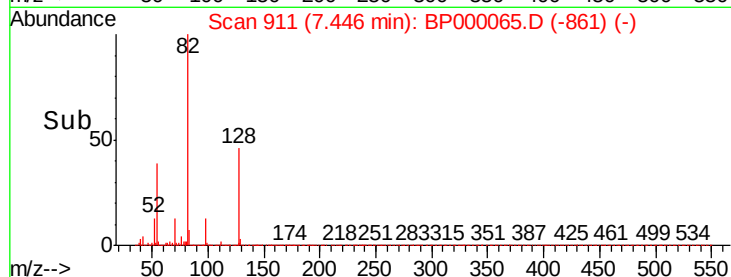
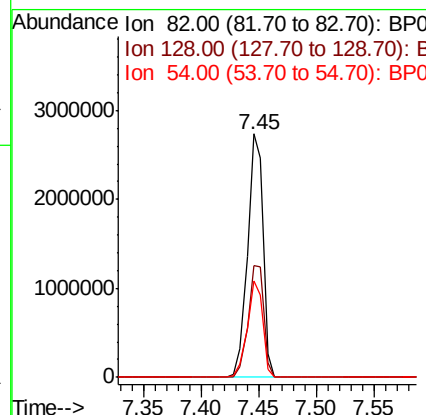
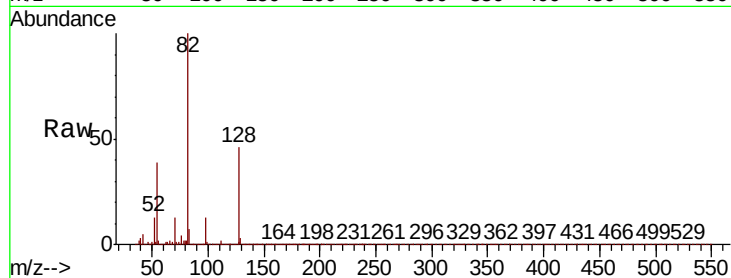




#23
Nitrobenzene-d5
Concen: 89.378 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

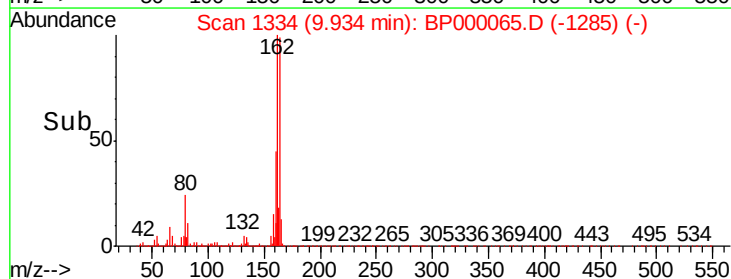
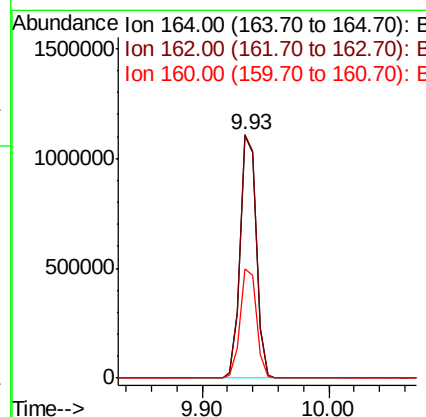
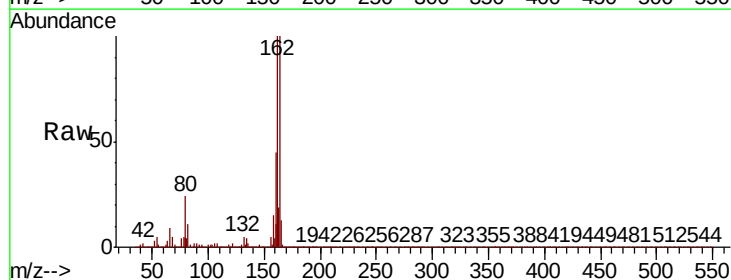
Instrument :
BNA_P
ClientSampleId :
PB122788BL

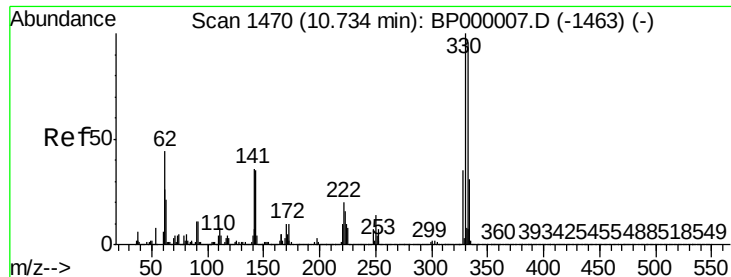
Tot Ion: 82 Resp: 2538916
Ion Ratio Lower Upper
82 100
128 45.7 34.5 51.7
54 39.5 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion: 164 Resp: 948988
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.4
160 45.0 36.6 55.0

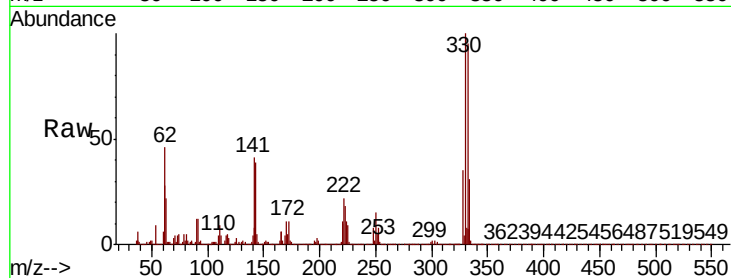




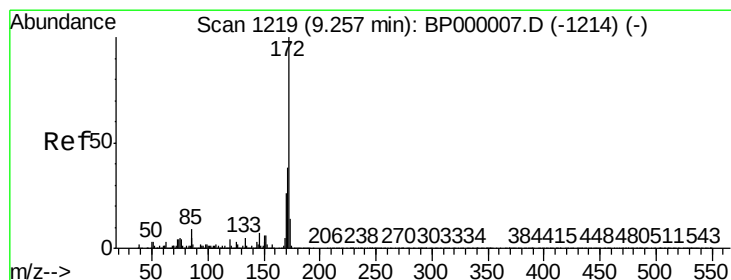
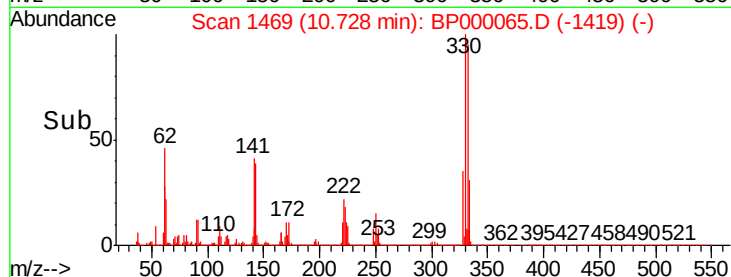
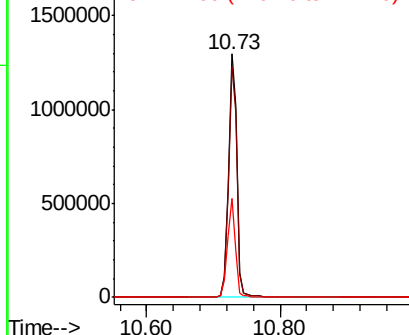
#42
2,4,6-Tribromophenol
Concen: 143.572 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Instrument :
BNA_P
ClientSampleId :
PB122788BL

Tot Ion:330 Resp: 1148438
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 38.9 33.6 50.4

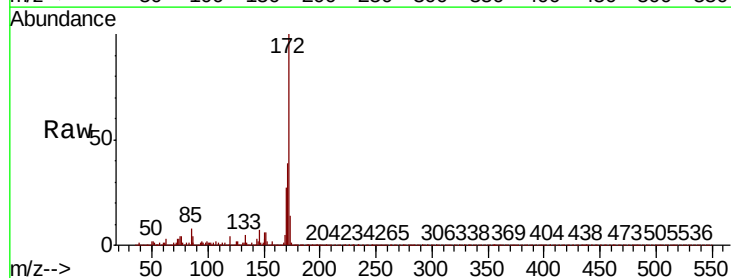


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

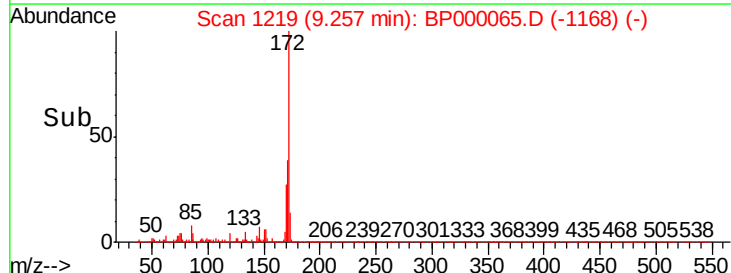
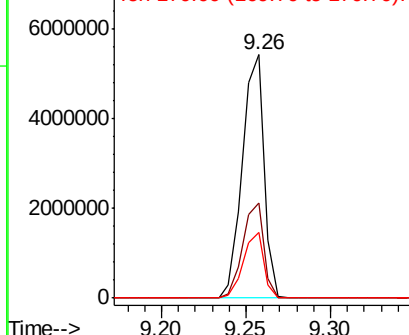


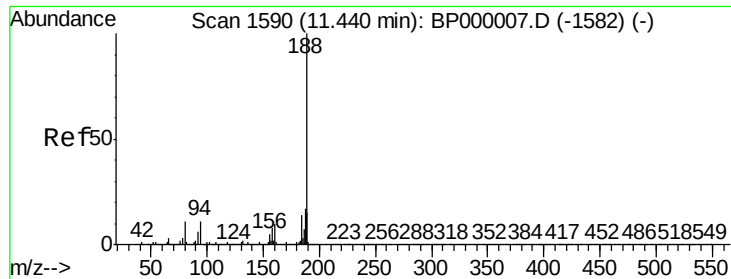
#45
2-Fluorobiphenyl
Concen: 85.809 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000065.D
Acq: 04 Sep 2019 14:37

Tgt Ion:172 Resp: 4876170
Ion Ratio Lower Upper
172 100
171 39.2 30.7 46.1
170 26.9 20.7 31.1



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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

BNA_P

ClientSampleId :

PB122788BL

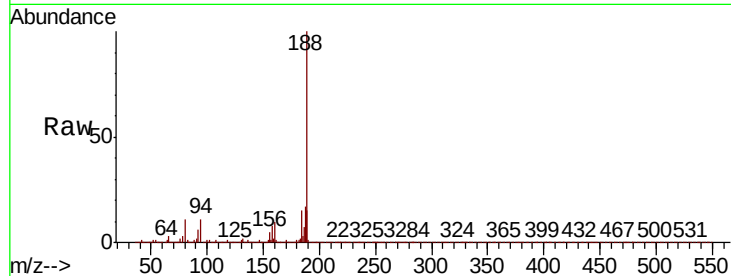
Tot Ion:188 Resp: 1720968

Ion Ratio Lower Upper

188 100

94 10.8 8.8 13.2

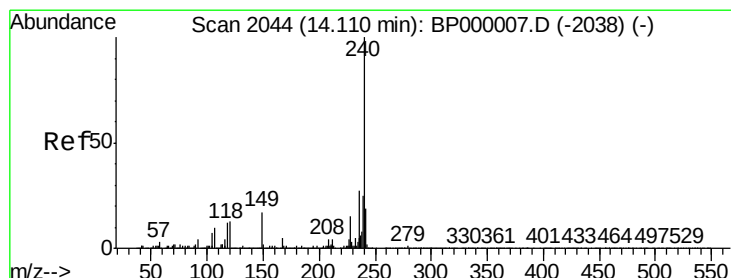
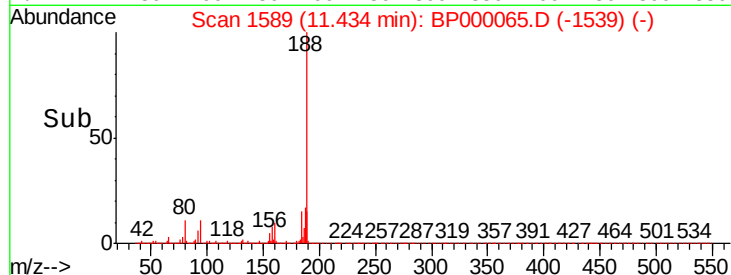
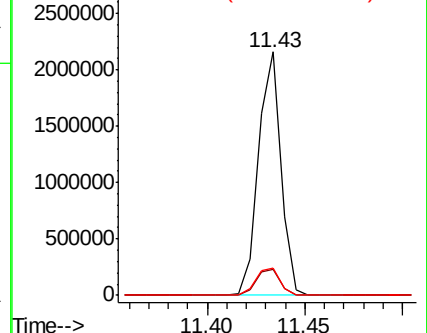
80 11.0 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

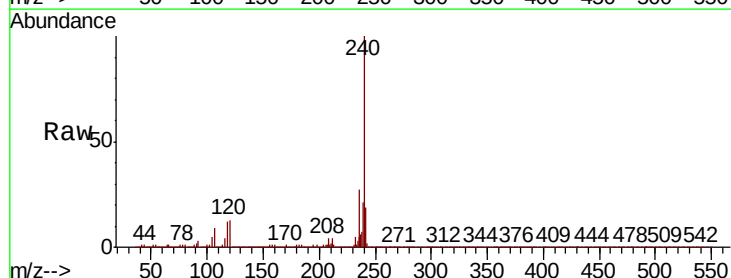
Tgt Ion:240 Resp: 1442326

Ion Ratio Lower Upper

240 100

120 12.7 10.5 15.7

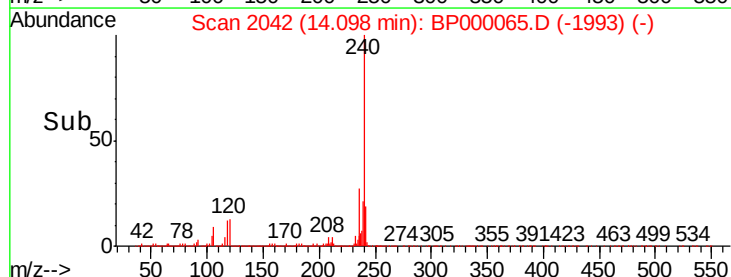
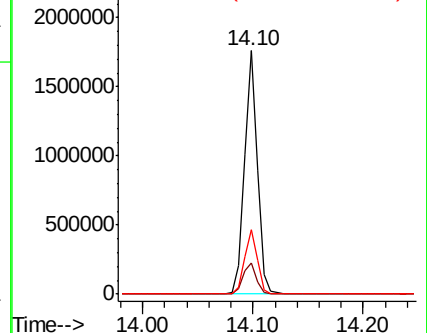
236 26.7 21.5 32.3

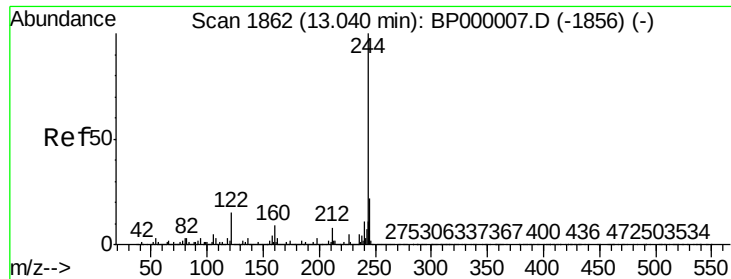


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.162 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

Instrument :

BNA_P

ClientSampleId :

PB122788BL

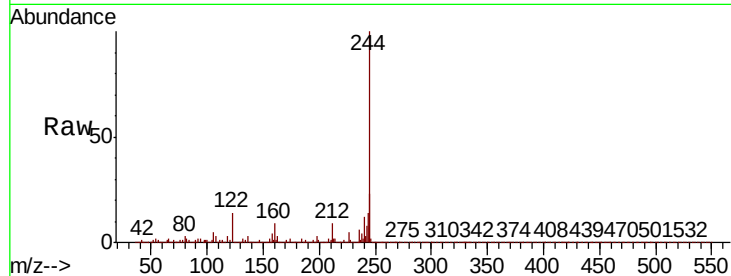
Tot Ion:244 Resp: 5767812

Ion Ratio Lower Upper

244 100

212 9.1 6.6 10.0

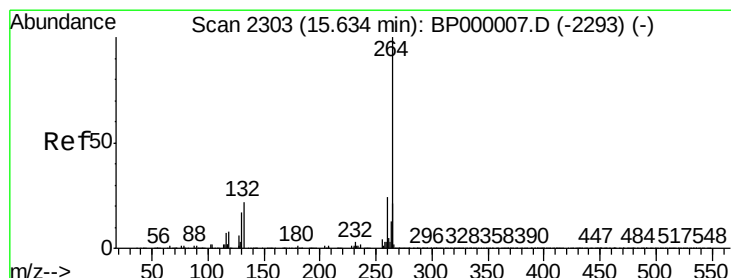
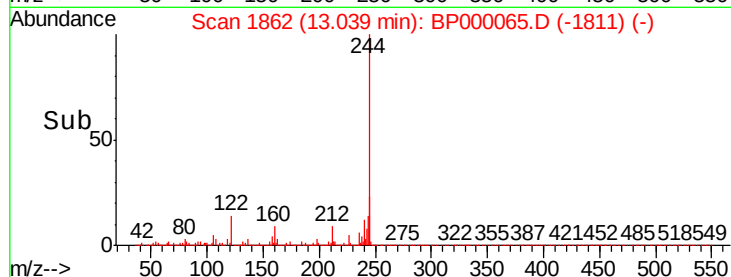
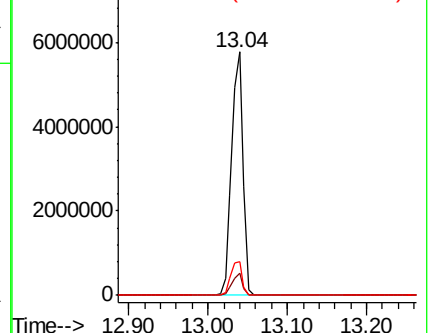
122 13.7 12.3 18.5



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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP000065.D

Acq: 04 Sep 2019 14:37

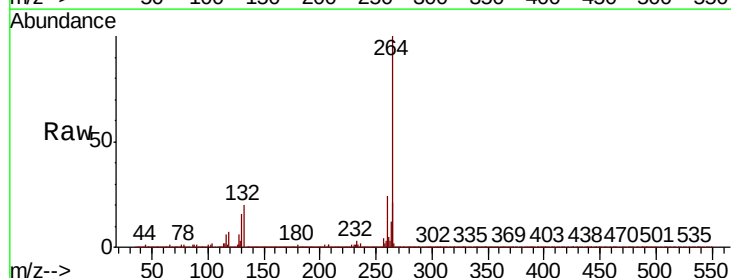
Tgt Ion:264 Resp: 1545763

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.2 17.1 25.7



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

