

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000106.D
 Acq On : 08 Sep 2019 22:15
 Operator : HP/JU
 Sample : PB122885BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BL

Quant Time: Sep 09 07:07:51 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	429121	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1571229	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	850812	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1632981	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	1429464	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1481831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2951114	109.66	ng	0.00
7) Phenol-d6	6.51	99	3773385	111.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	2065561	80.66	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	976076	136.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4275989	83.93	ng	0.00
79) Terphenyl-d14	13.03	244	5216408	79.54	ng	0.00

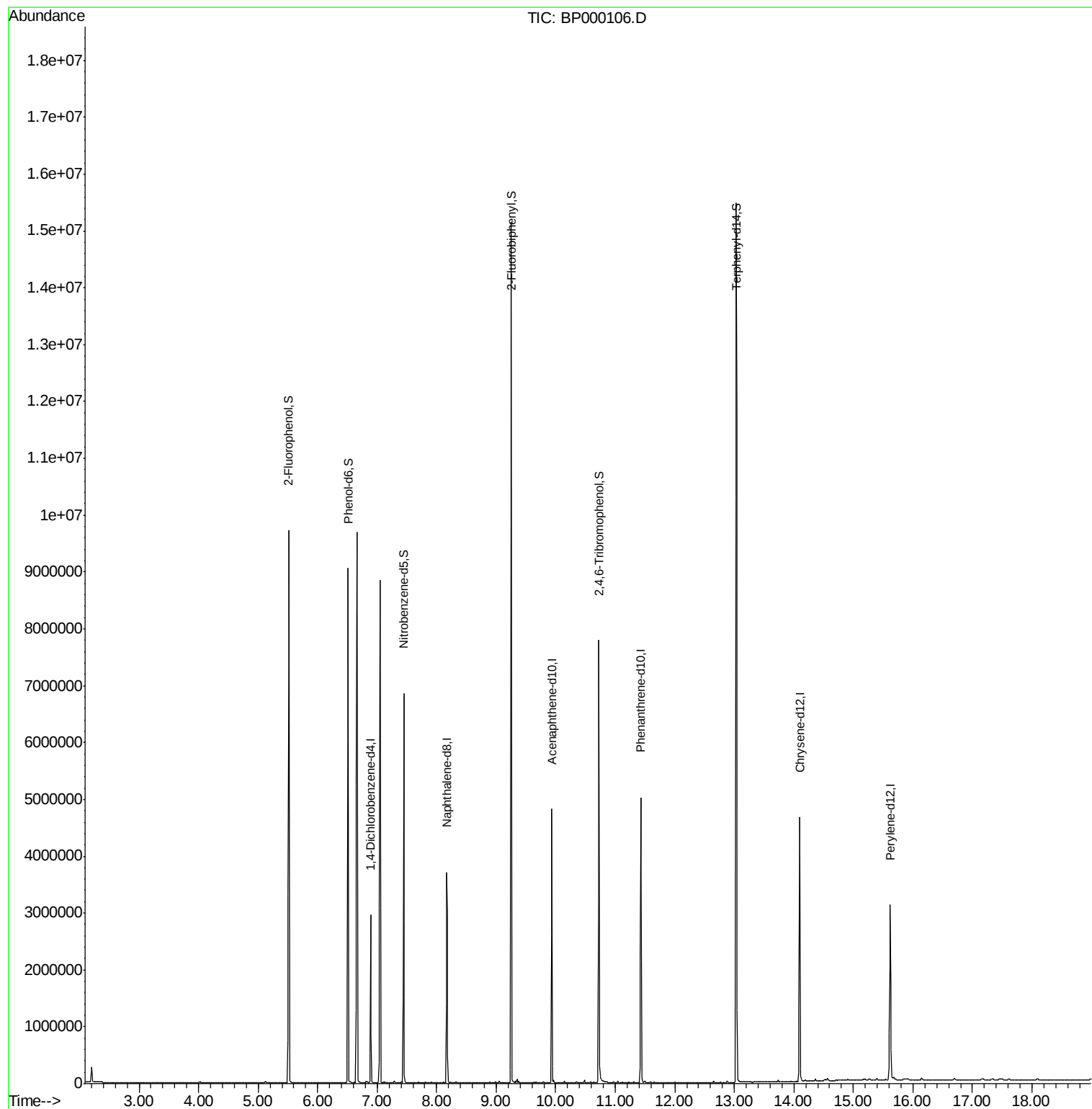
Target Compounds Qvalue

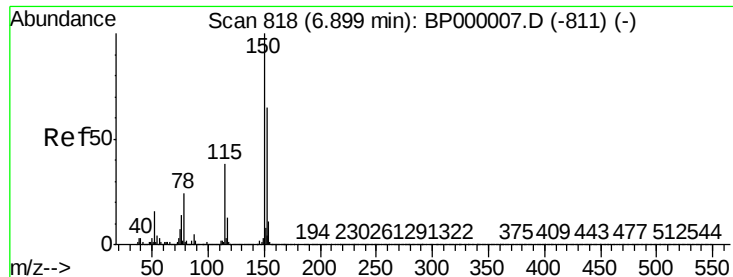
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

PB122885BL

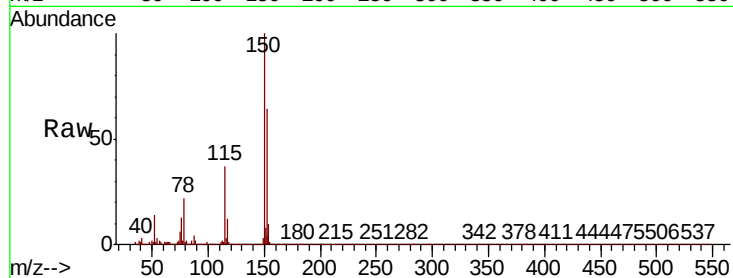
Tot Ion:152 Resp: 429121

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.6

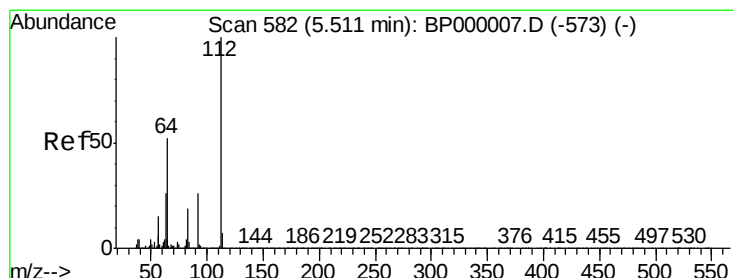
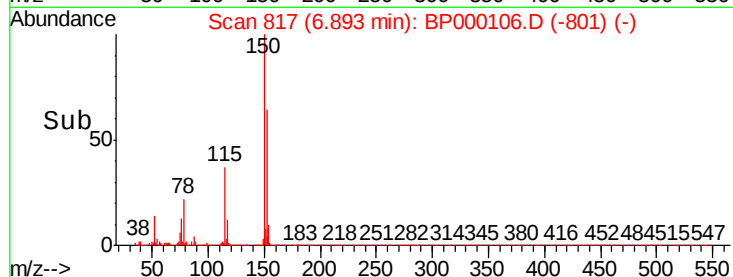
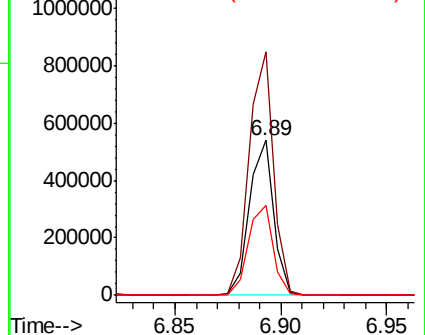
115 58.0 46.7 70.1



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: 109.664 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

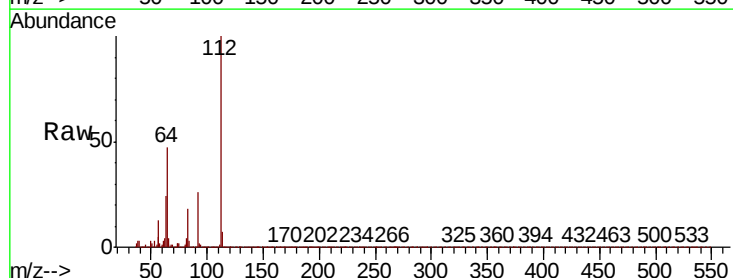
Tgt Ion:112 Resp: 2951114

Ion Ratio Lower Upper

112 100

64 46.9 41.8 62.8

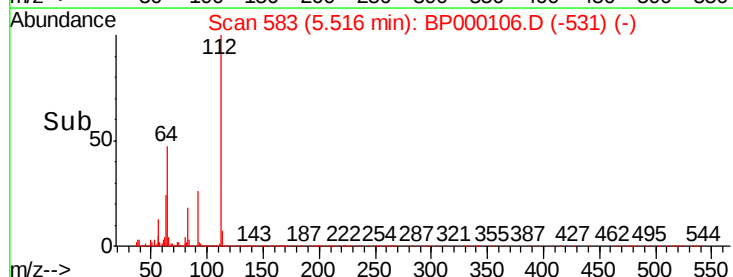
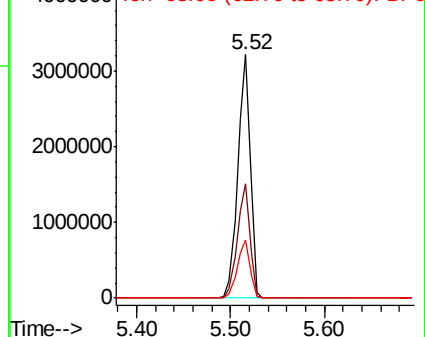
63 23.9 21.0 31.4

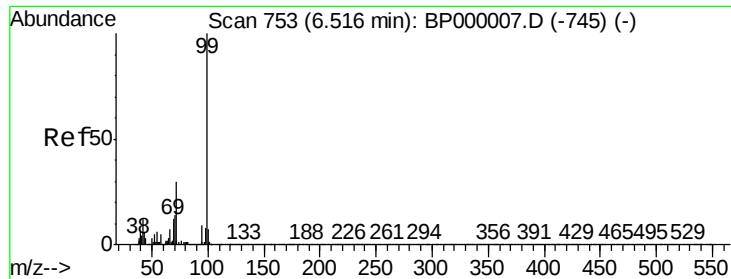


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.073 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

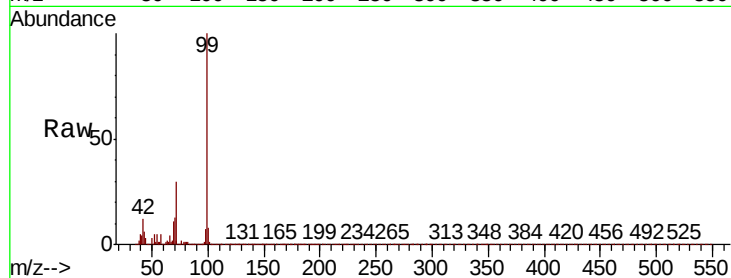
BNA_P

ClientSampleId :

PB122885BL

Tot Ion: 99 Resp: 3773385

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

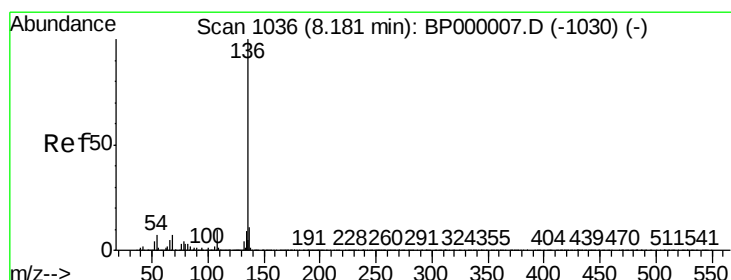
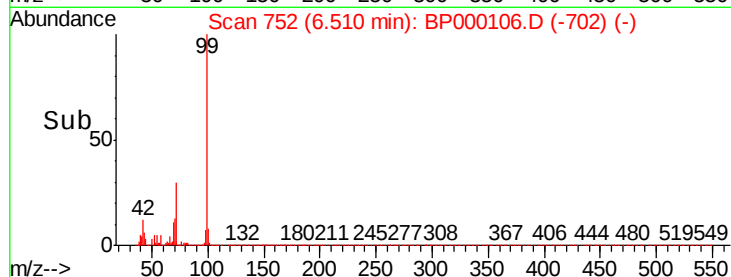
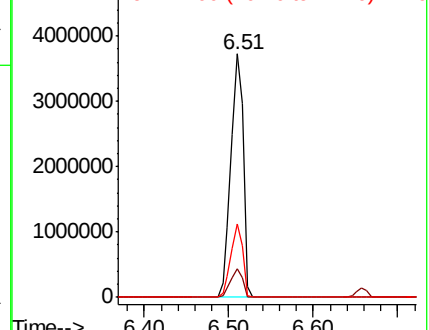


Abundance

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: 8.17 min Scan# 1034

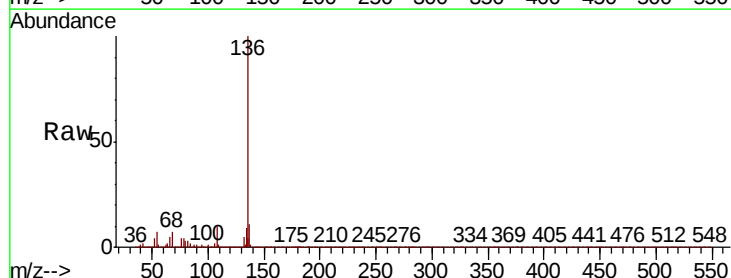
Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Tgt Ion: 136 Resp: 1571229

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.8	5.4	8.2
68	6.8	5.4	8.0



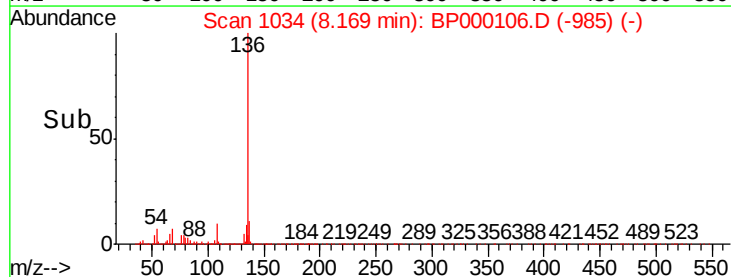
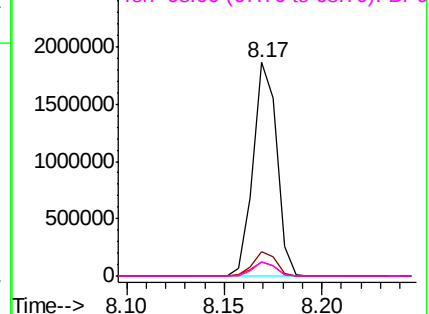
Abundance

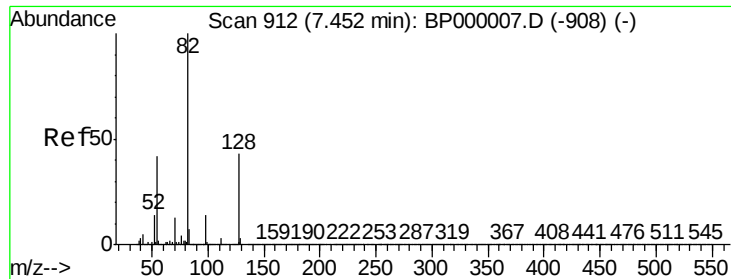
Ion 136.00 (135.70 to 136.70): E

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

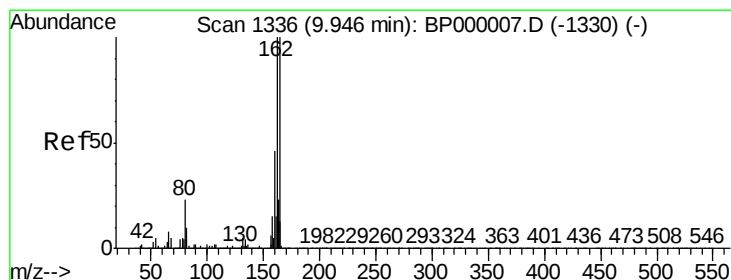
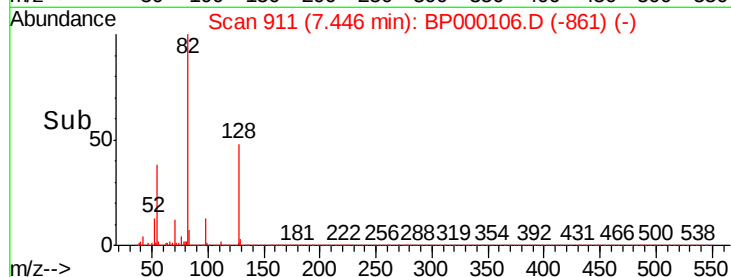
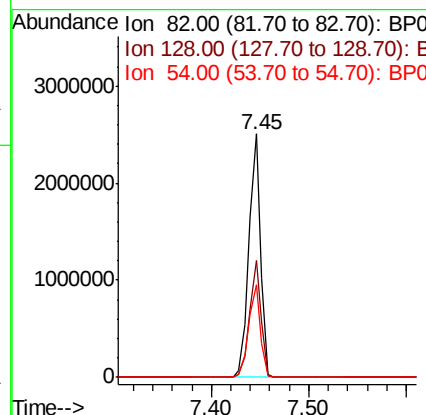
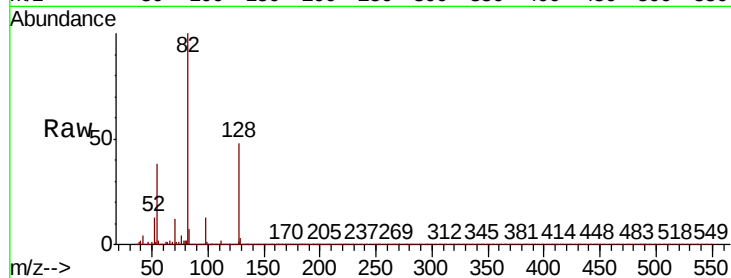




#23
Nitrobenzene-d5
Concen: 80.665 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

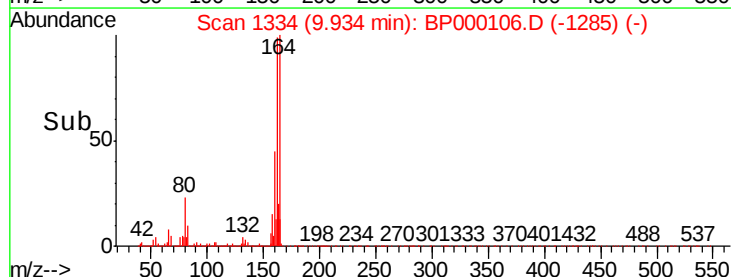
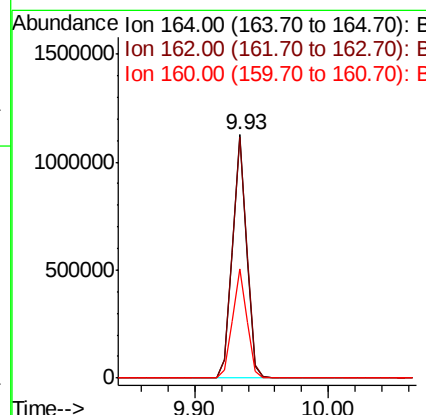
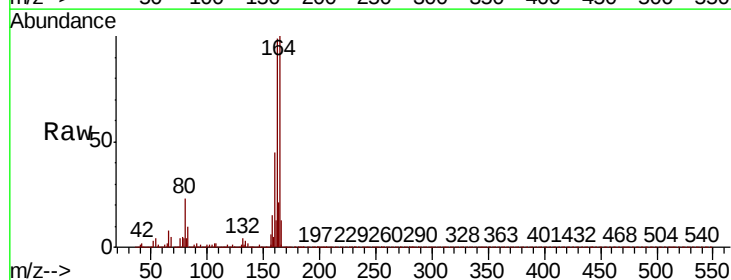
Instrument :
BNA_P
ClientSampleId :
PB122885BL

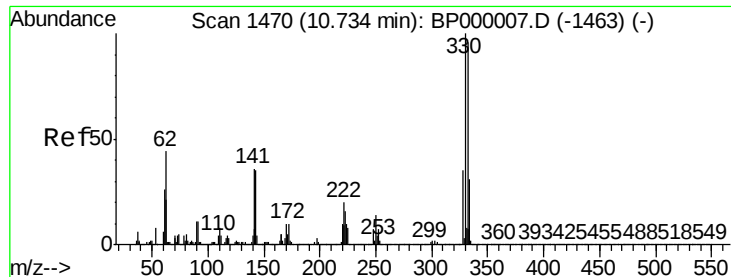
Tot Ion: 82 Resp: 2065561
Ion Ratio Lower Upper
82 100
128 48.1 34.5 51.7
54 38.1 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt Ion: 164 Resp: 850812
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.4
160 44.6 36.6 55.0

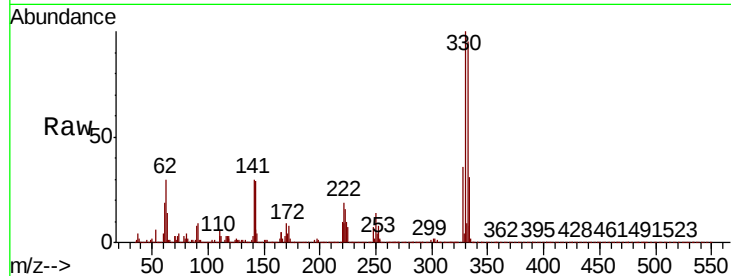




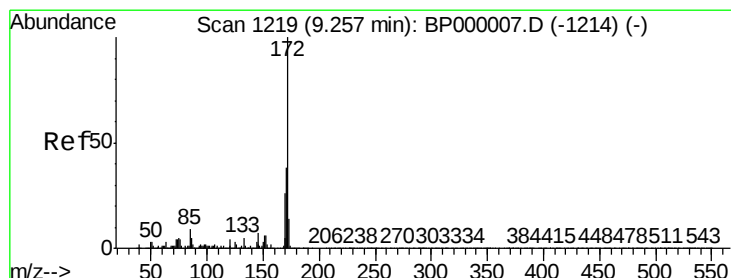
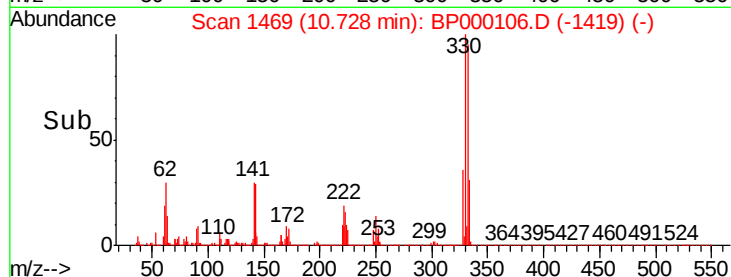
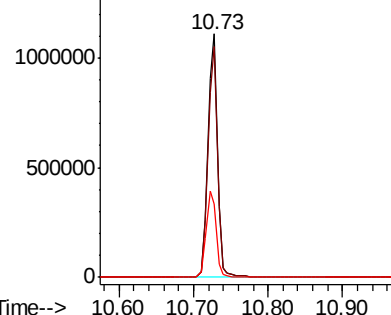
#42
2,4,6-Tribromophenol
Concen: 136.105 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
PB122885BL

Tot Ion:330 Resp: 976076
Ion Ratio Lower Upper
330 100
332 94.4 76.8 115.2
141 37.5 33.6 50.4

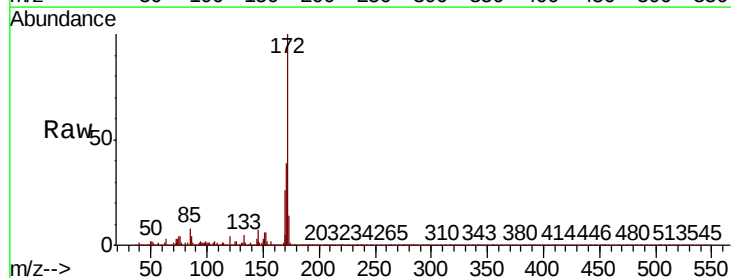


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

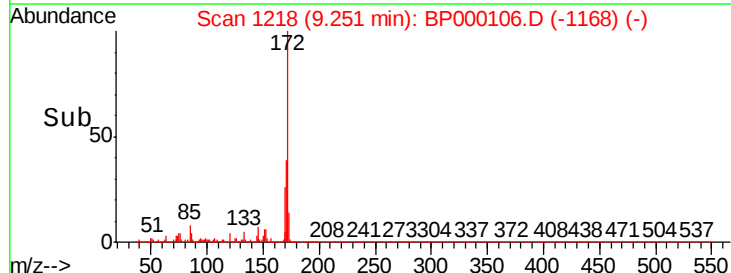
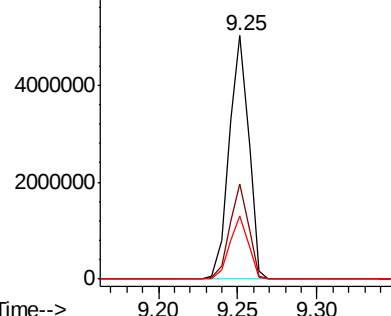


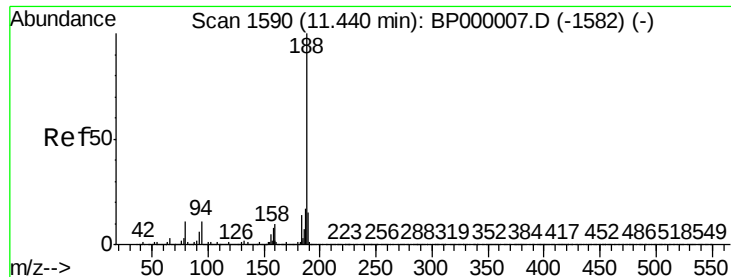
#45
2-Fluorobiphenyl
Concen: 83.930 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt Ion:172 Resp: 4275989
Ion Ratio Lower Upper
172 100
171 39.0 30.7 46.1
170 25.9 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

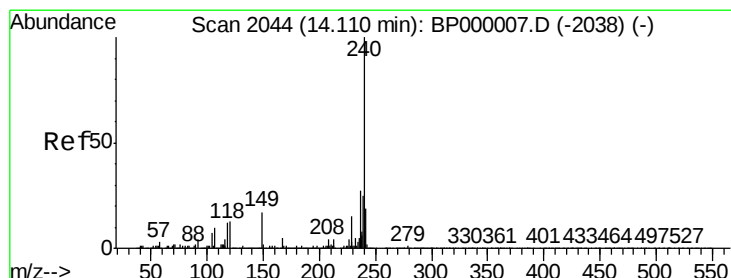
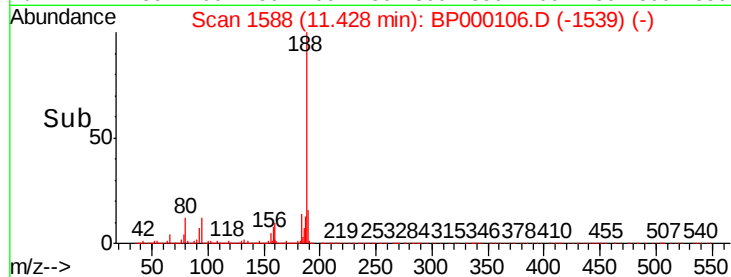
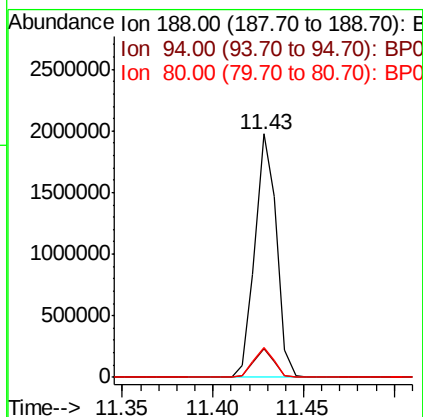
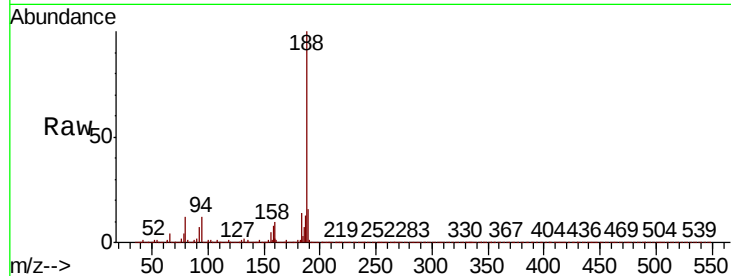




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

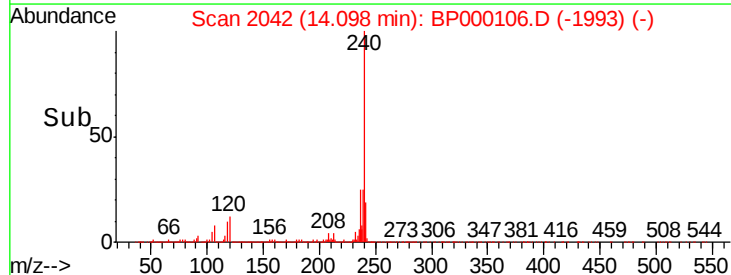
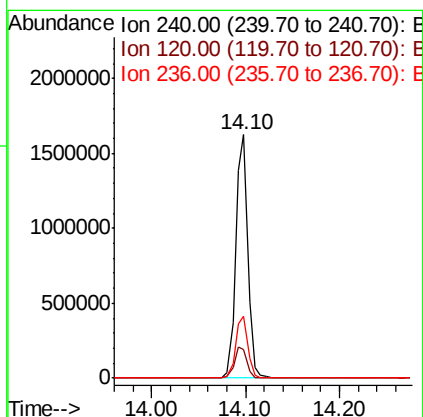
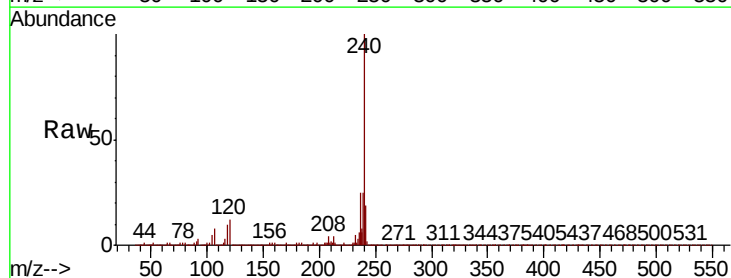
Instrument :
BNA_P
ClientSampleId :
PB122885BL

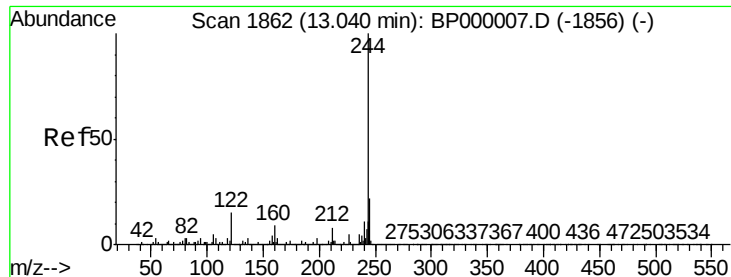
Tot Ion:188 Resp: 1632981
Ion Ratio Lower Upper
188 100
94 11.9 8.8 13.2
80 12.3 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt Ion:240 Resp: 1429464
Ion Ratio Lower Upper
240 100
120 11.5 10.5 15.7
236 25.5 21.5 32.3





#79

Terphenyl-d14

Concen: 79.538 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

PB122885BL

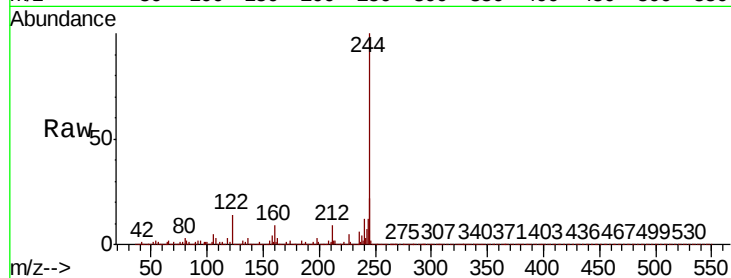
Tot Ion:244 Resp: 5216408

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

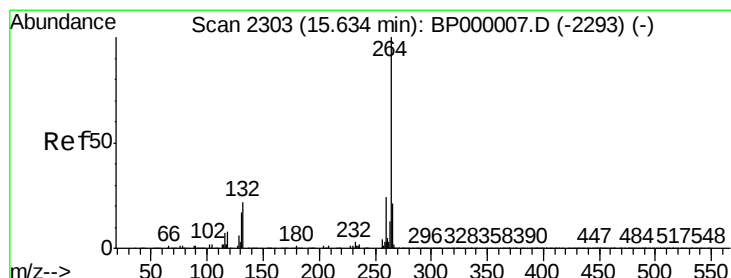
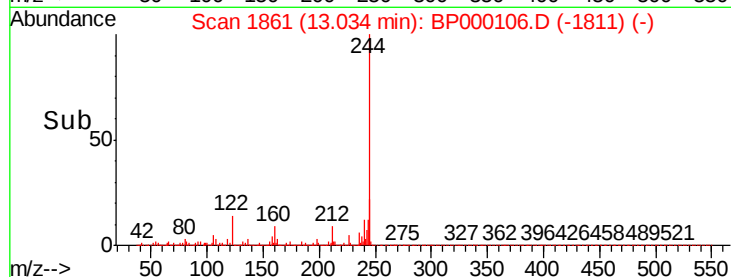
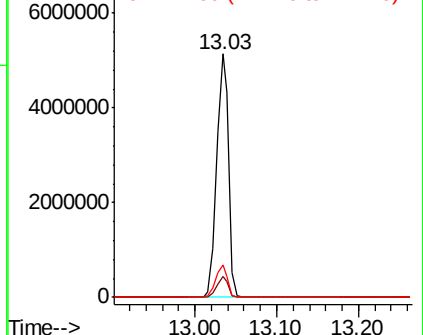
122 13.6 12.3 18.5



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: BP000106.D

Acq: 08 Sep 2019 22:15

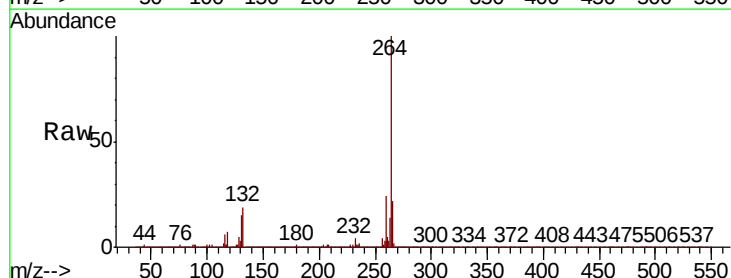
Tgt Ion:264 Resp: 1481831

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.2 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

