

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000071.D
 Acq On : 04 Sep 2019 17:04
 Operator : HP/JU
 Sample : PB122750BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB122750BL

Quant Time: Sep 05 07:06:19 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	486681	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1808218	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	1017417	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1853276	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1548751	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1616831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3491961	114.41	ng	0.00
7) Phenol-d6	6.52	99	4387535	113.88	ng	0.00
23) Nitrobenzene-d5	7.45	82	2507313	85.08	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1181179	137.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4848034	79.58	ng	0.00
79) Terphenyl-d14	13.04	244	5646668	79.47	ng	0.00

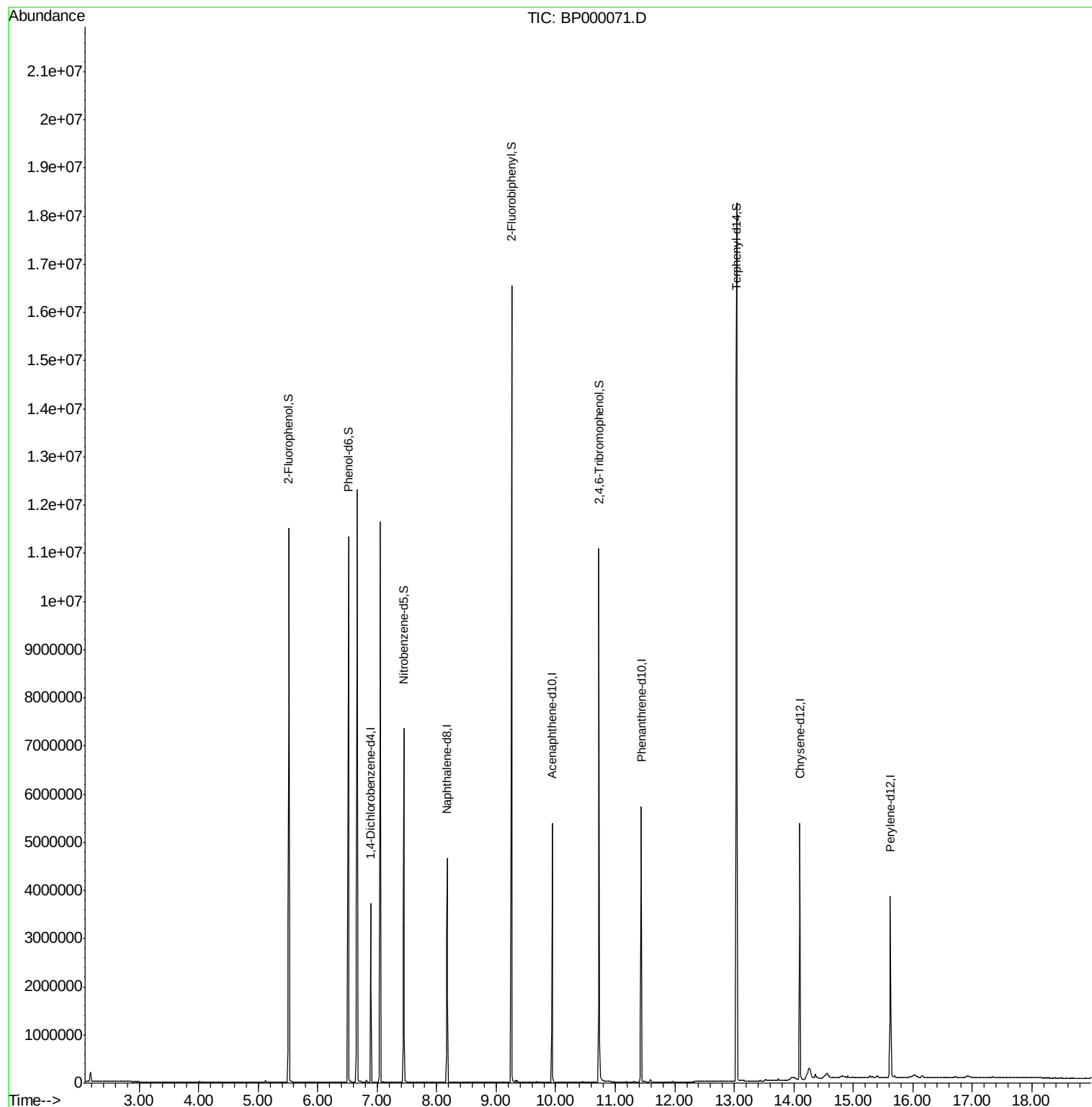
Target Compounds Qvalue

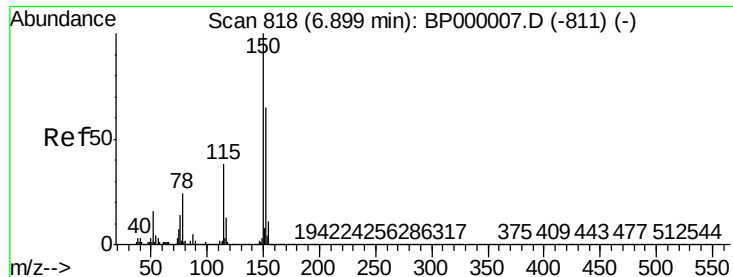
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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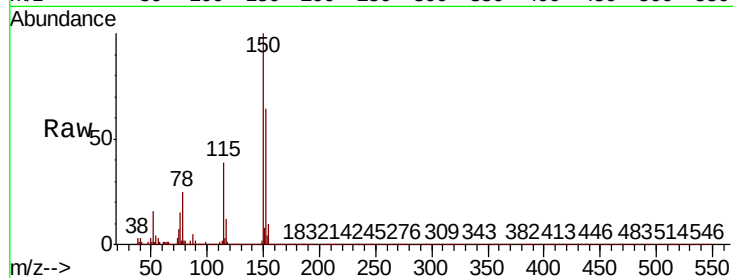


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000071.D
Acq: 04 Sep 2019 17:04

Instrument :
BNA_P
ClientSampleId :
PB122750BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.6
115	61.0	46.7	70.1

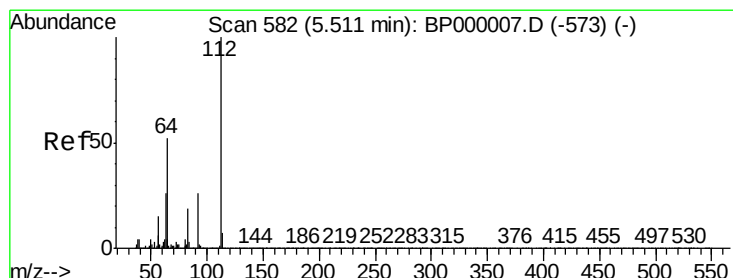
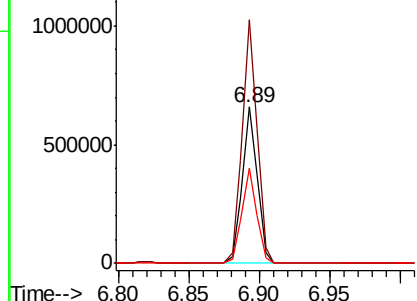
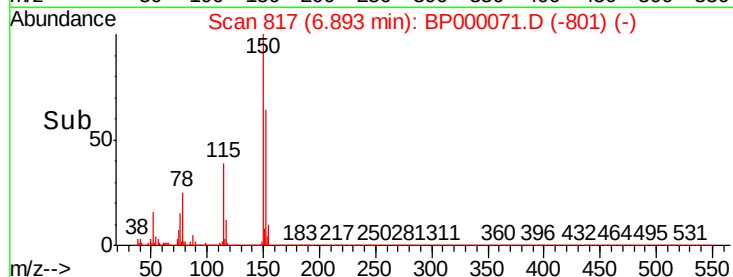


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

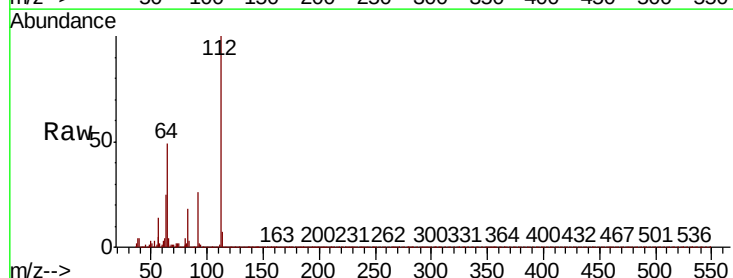
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.415 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000071.D
Acq: 04 Sep 2019 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	41.8	62.8
63	25.4	21.0	31.4

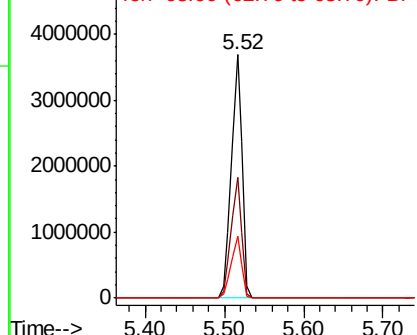
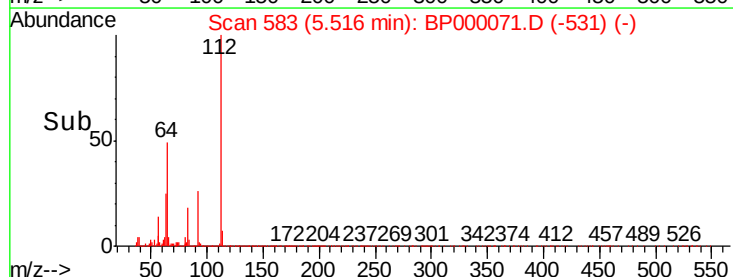


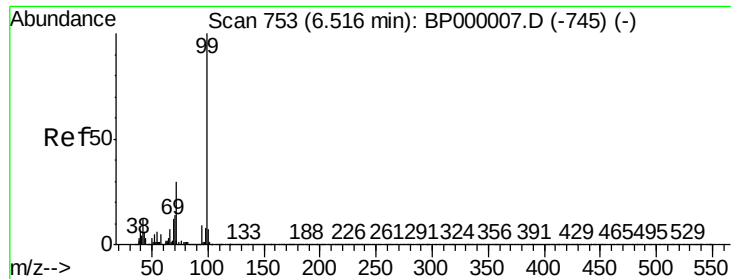
Abundance

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: 113.876 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000071.D

Acq: 04 Sep 2019 17:04

Instrument :

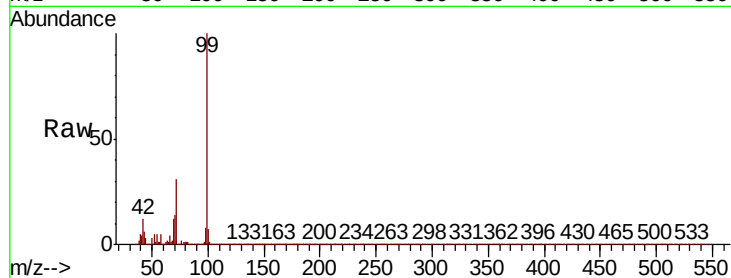
BNA_P

ClientSampleId :

PB122750BL

Tot Ion: 99 Resp: 4387535

Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.8	14.8
71	30.7	23.8	35.8

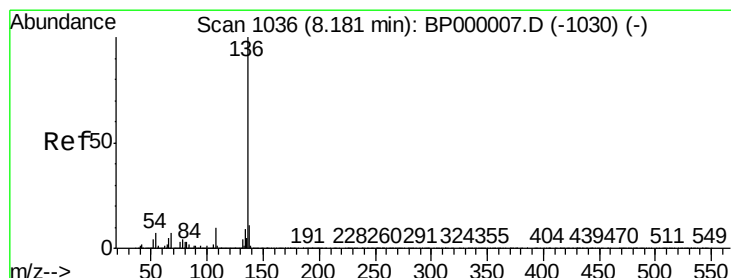
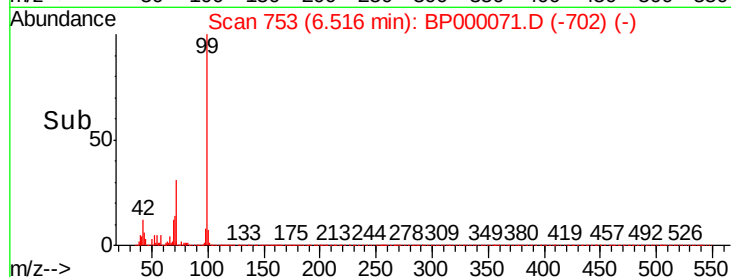
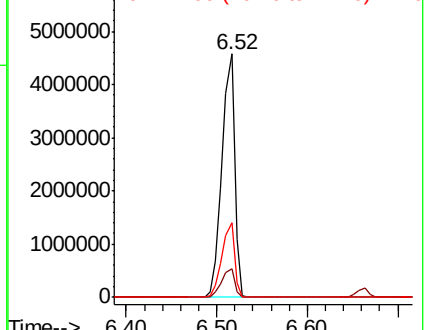


Abundance

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# 1035

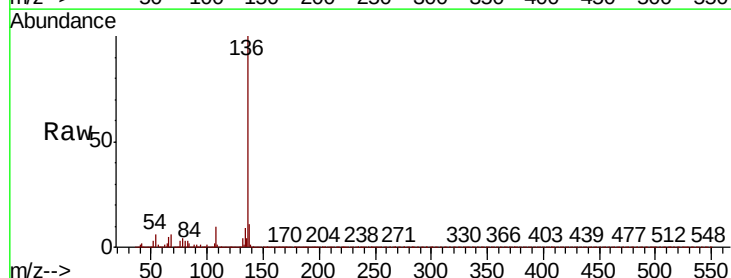
Delta R.T. -0.01 min

Lab File: BP000071.D

Acq: 04 Sep 2019 17:04

Tgt Ion: 136 Resp: 1808218

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.5	5.4	8.2
68	6.4	5.4	8.0



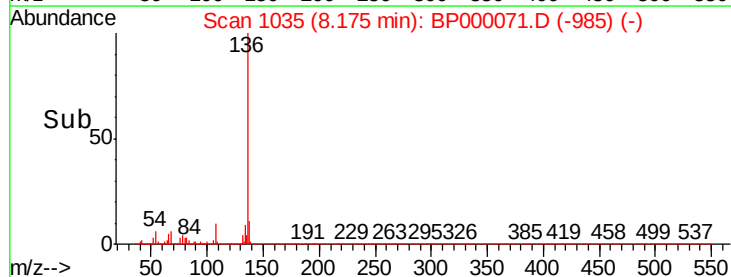
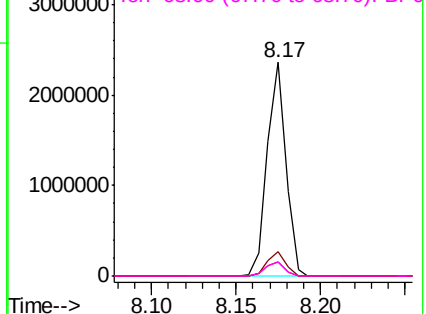
Abundance

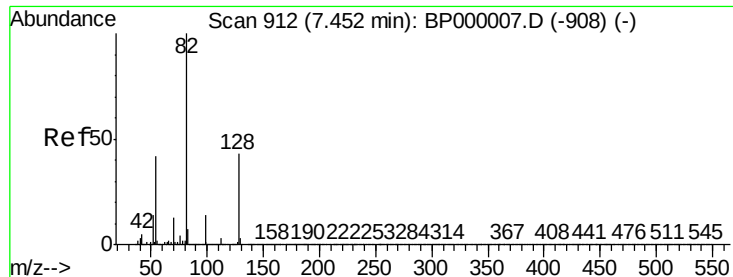
Ion 136.00 (135.70 to 136.70): E

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

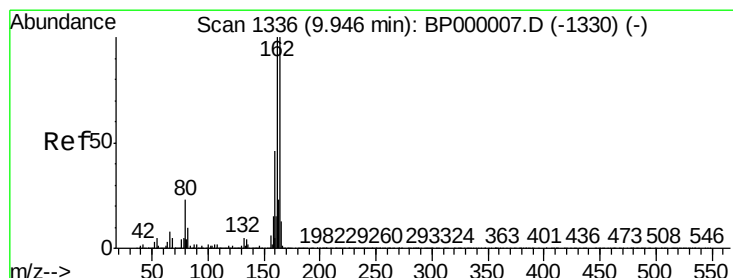
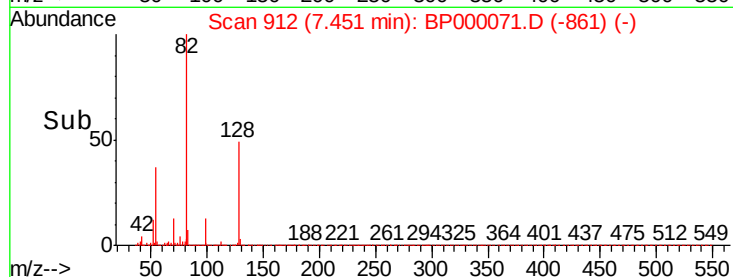
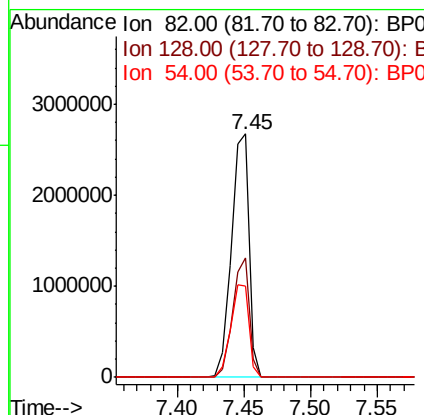
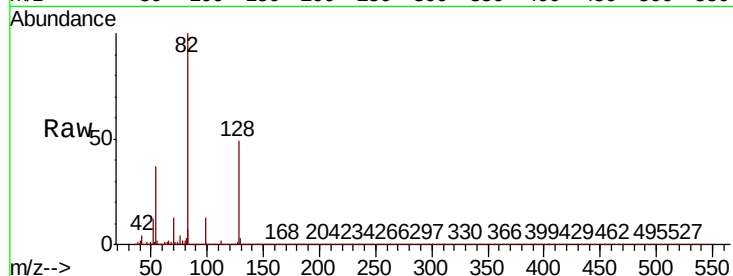




#23
Nitrobenzene-d5
Concen: 85.083 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000071.D
Acq: 04 Sep 2019 17:04

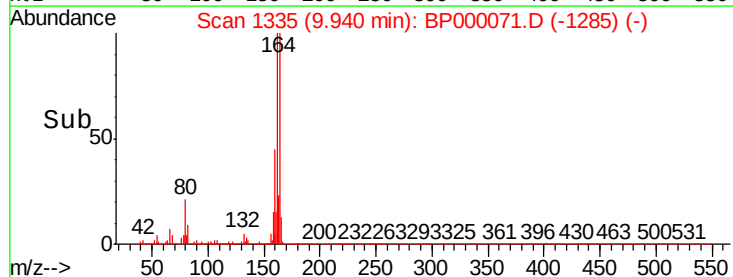
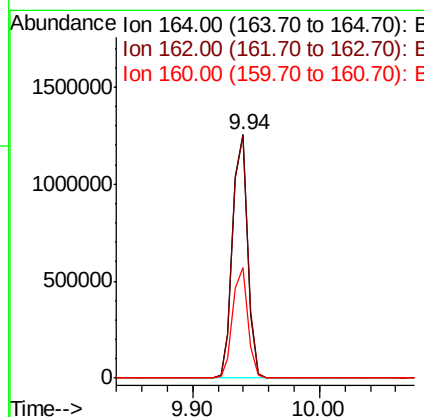
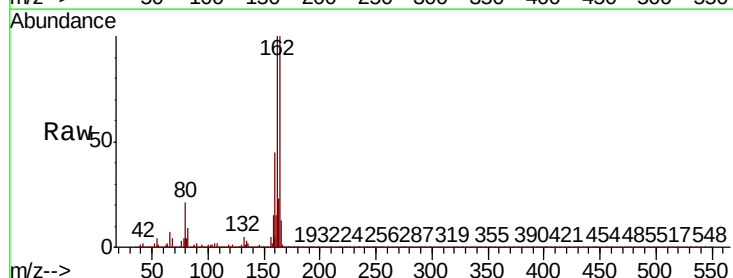
Instrument :
BNA_P
ClientSampleId :
PB122750BL

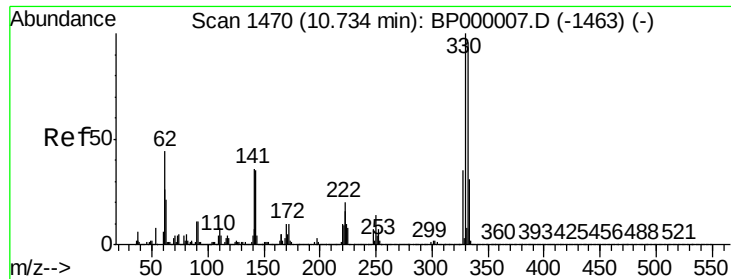
Tot Ion: 82 Resp: 2507313
Ion Ratio Lower Upper
82 100
128 49.0 34.5 51.7
54 37.4 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000071.D
Acq: 04 Sep 2019 17:04

Tgt Ion:164 Resp: 1017417
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.4
160 45.5 36.6 55.0

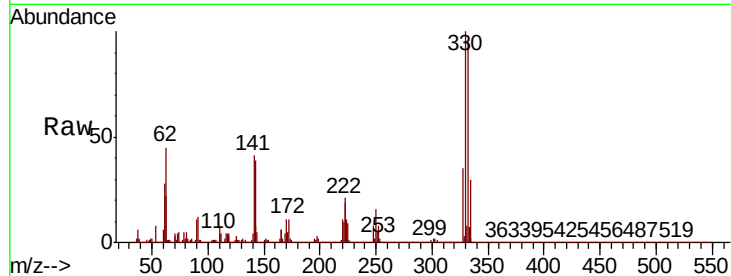




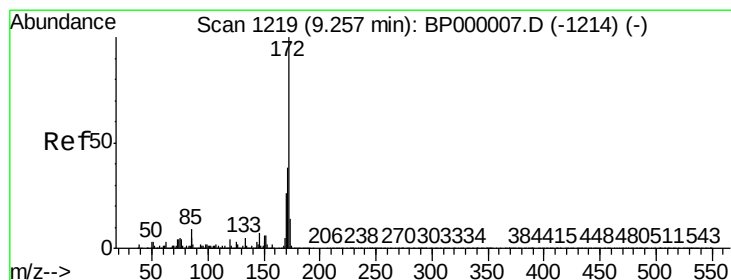
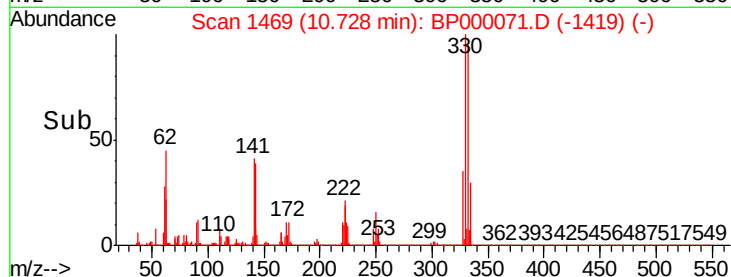
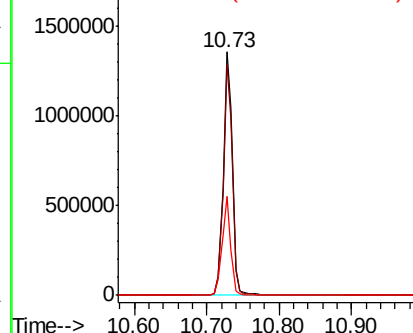
#42
2,4,6-Tribromophenol
Concen: 137.734 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP0000071.D
Acq: 04 Sep 2019 17:04

Instrument :
BNA_P
ClientSampleId :
PB122750BL

Tot Ion:330 Resp: 1181179
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 38.7 33.6 50.4

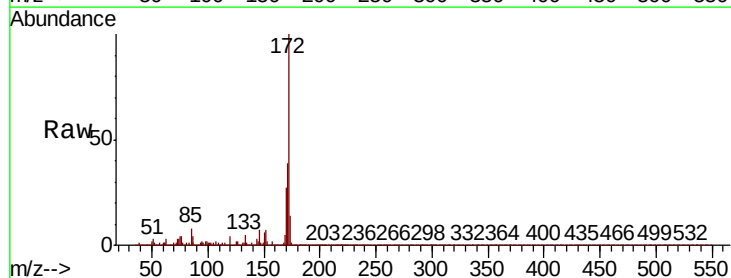


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

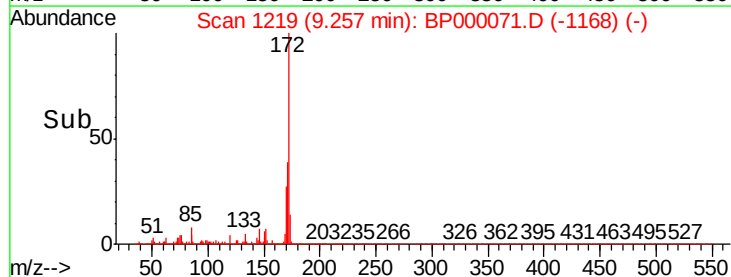
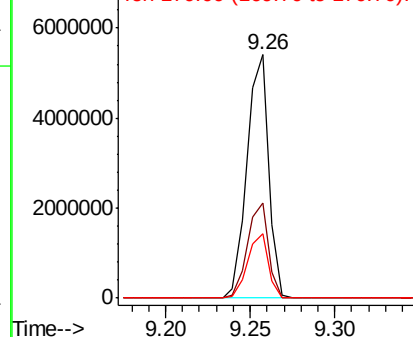


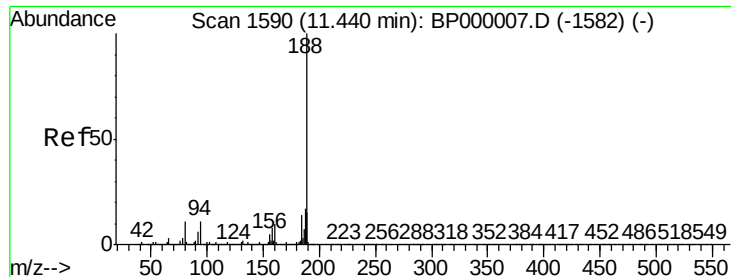
#45
2-Fluorobiphenyl
Concen: 79.576 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP0000071.D
Acq: 04 Sep 2019 17:04

Tgt Ion:172 Resp: 4848034
Ion Ratio Lower Upper
172 100
171 39.2 30.7 46.1
170 26.6 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

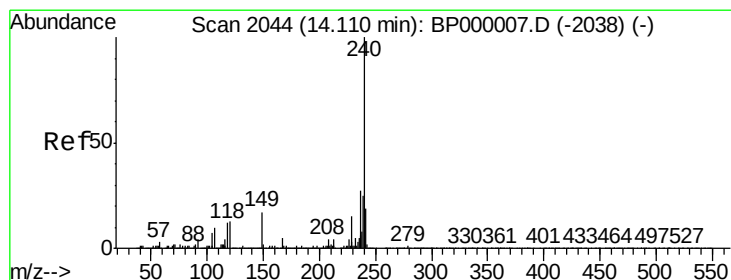
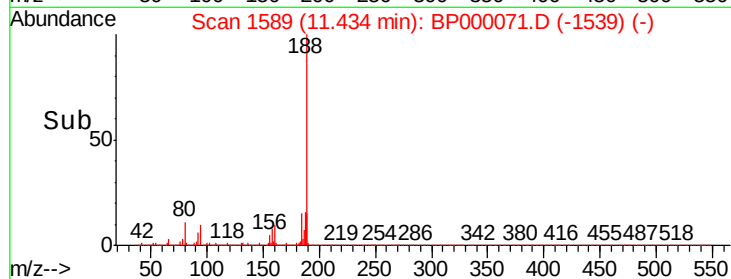
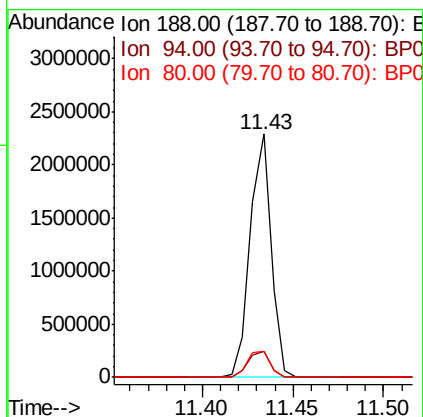
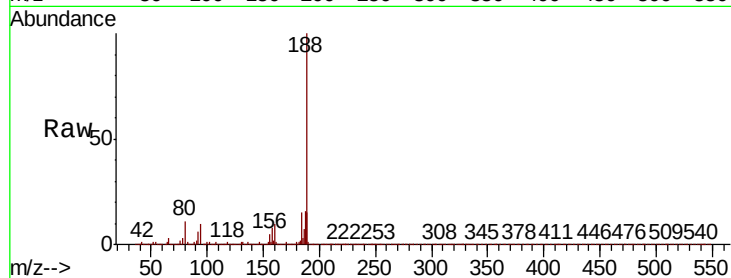




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP0000071.D
Acq: 04 Sep 2019 17:04

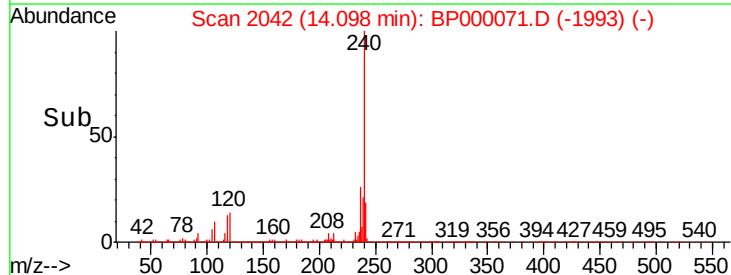
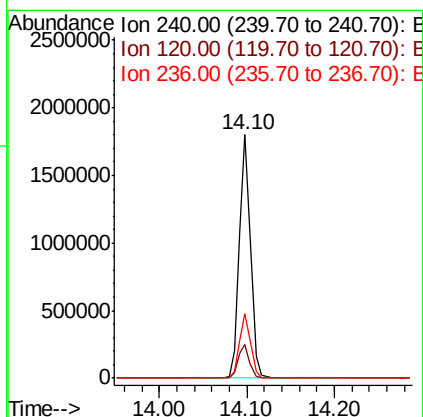
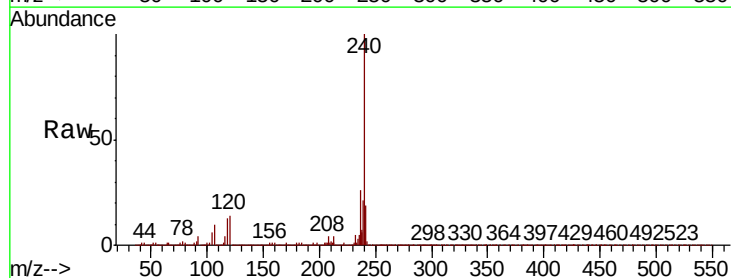
Instrument :
BNA_P
ClientSampleId :
PB122750BL

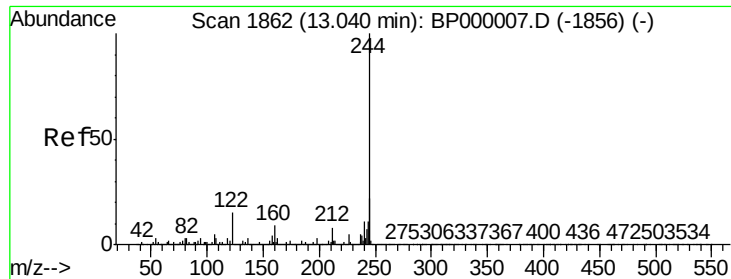
Tot Ion:188 Resp: 1853276
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 10.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP0000071.D
Acq: 04 Sep 2019 17:04

Tgt Ion:240 Resp: 1548751
Ion Ratio Lower Upper
240 100
120 13.8 10.5 15.7
236 26.4 21.5 32.3





#79

Terphenyl-d14

Concen: 79.467 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000071.D

Acq: 04 Sep 2019 17:04

Instrument :

BNA_P

ClientSampleId :

PB122750BL

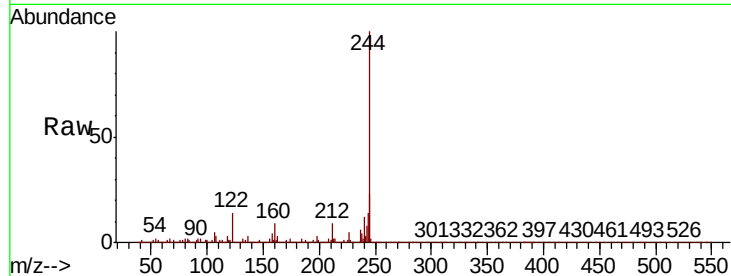
Tot Ion:244 Resp: 5646668

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

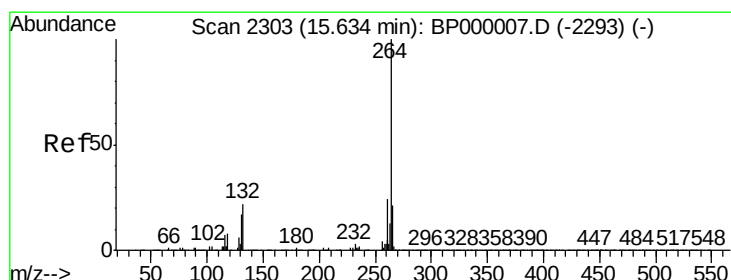
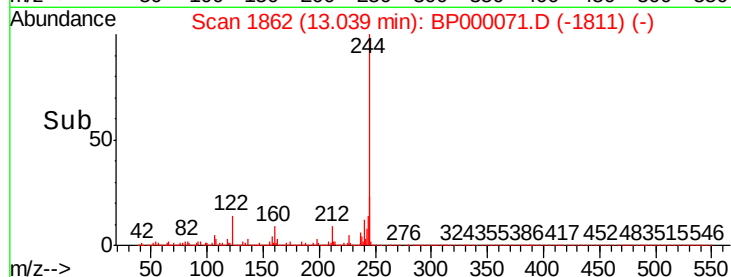
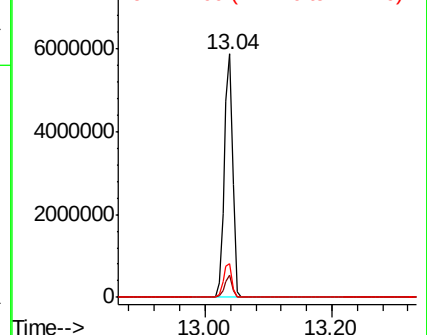
122 13.8 12.3 18.5



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: BP000071.D

Acq: 04 Sep 2019 17:04

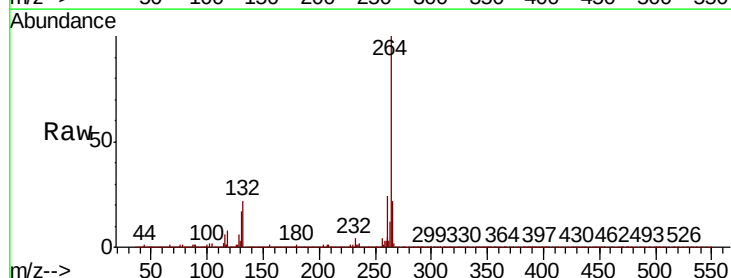
Tgt Ion:264 Resp: 1616831

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.3 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

