

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000018.D
 Acq On : 30 Aug 2019 23:13
 Operator : HP/JU
 Sample : MDL-S-BL03
 Misc : 4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-BL03

Quant Time: Aug 31 01:21:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 01:09:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	456542	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1667612	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	895419	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1633953	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1300718	20.00	ng	0.00
87) Perylene-d12	15.63	264	1351925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3706064	129.45	ng	0.01
7) Phenol-d6	6.52	99	4654111	128.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	2608412	95.98	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1119137	148.28	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4959725	92.50	ng	0.00
79) Terphenyl-d14	13.05	244	5625764	94.27	ng	0.00

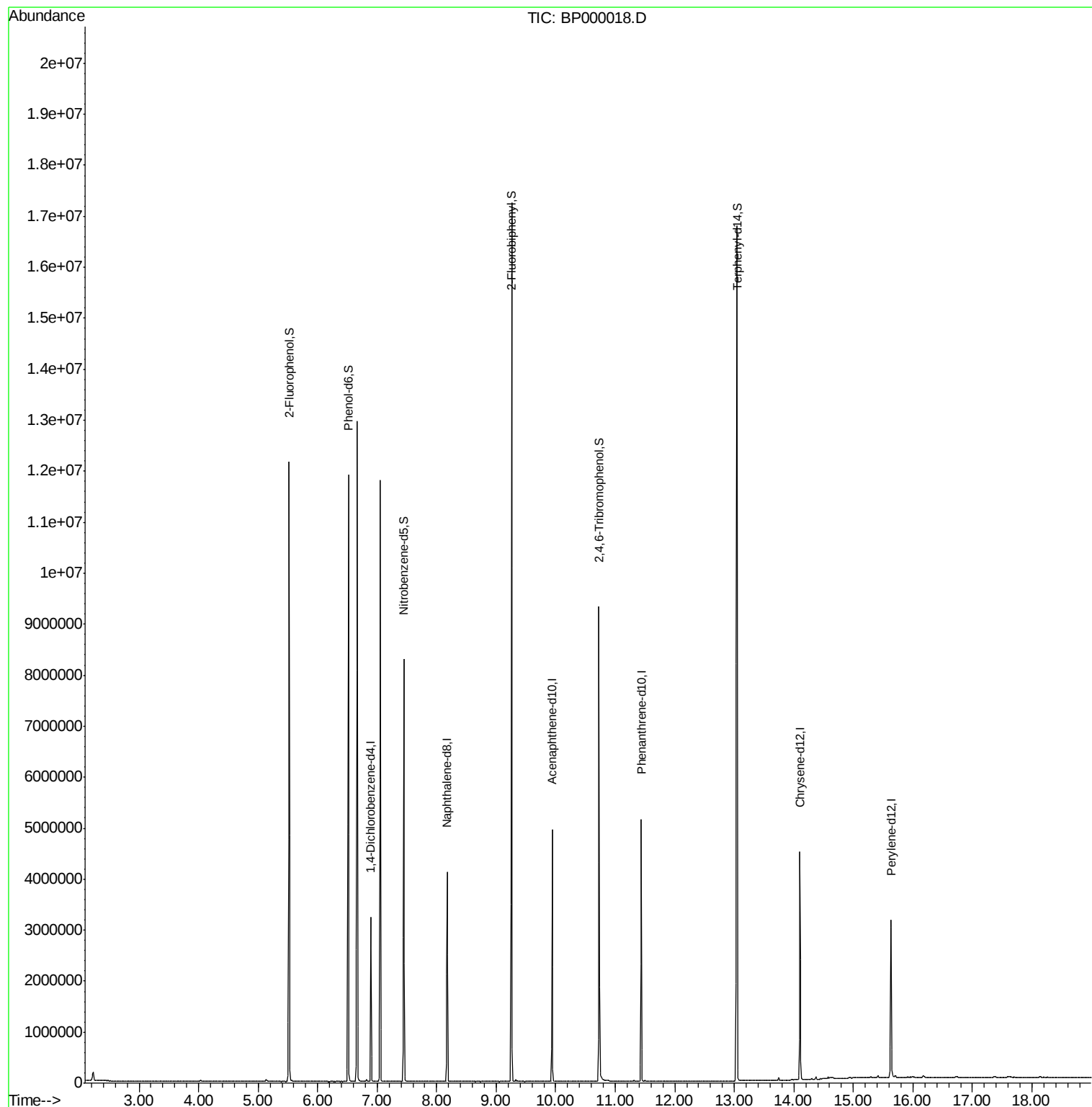
Target Compounds Qvalue

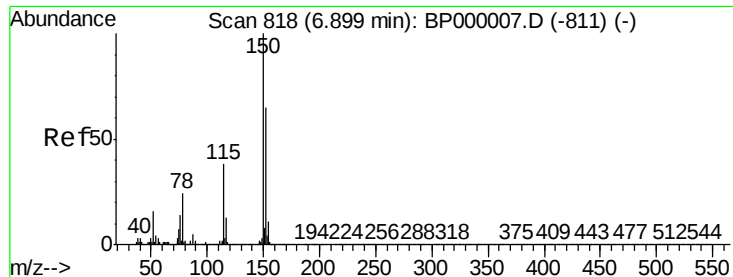
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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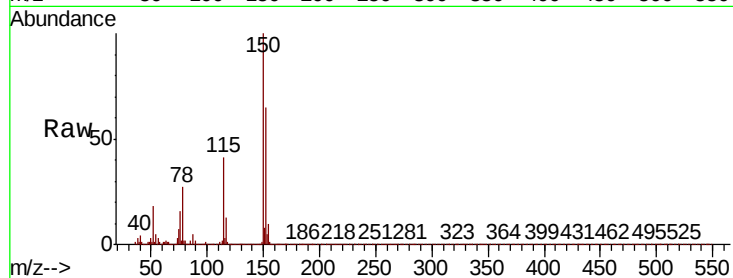


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :
MDL-S-BL03

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	63.4	46.7	70.1

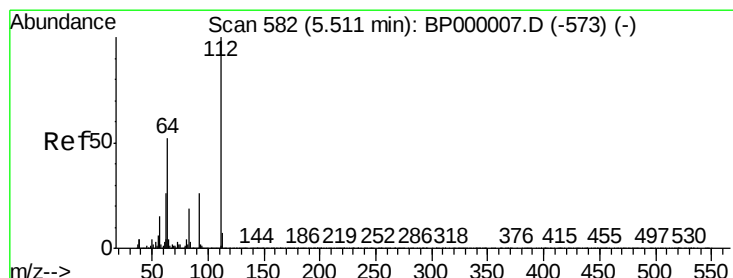
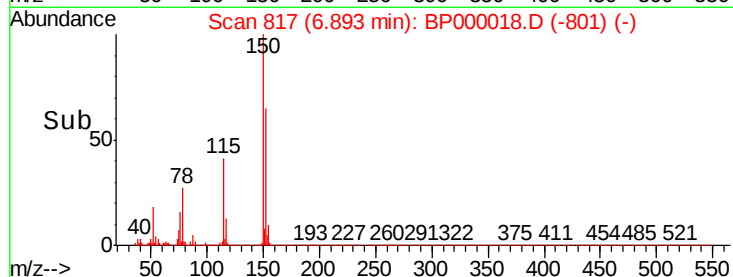
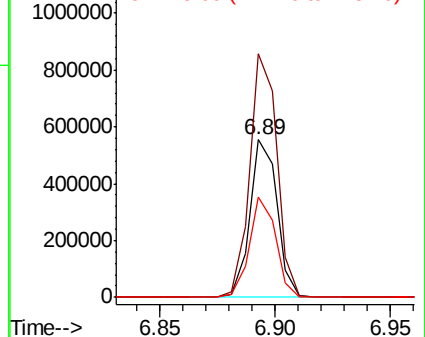


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

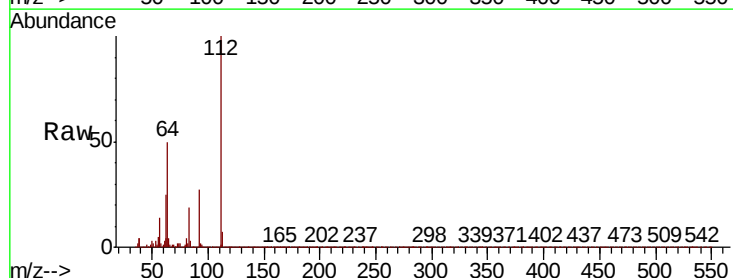
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.446 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	41.8	62.8
63	25.4	21.0	31.4

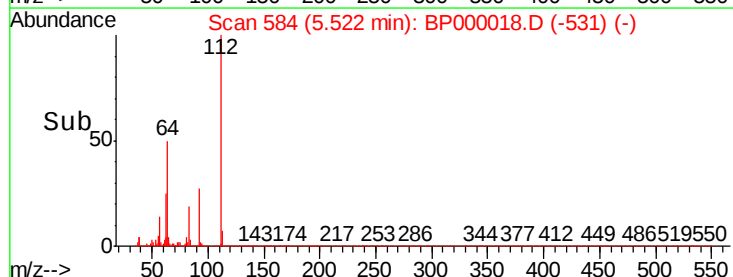
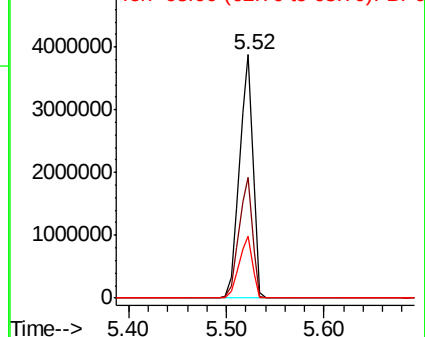


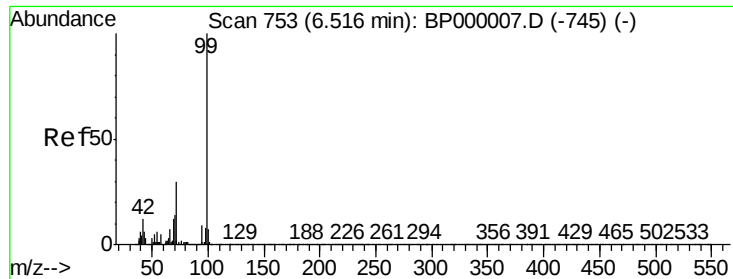
Abundance

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: 128.769 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000018.D

Acq: 30 Aug 2019 23:13

Instrument :

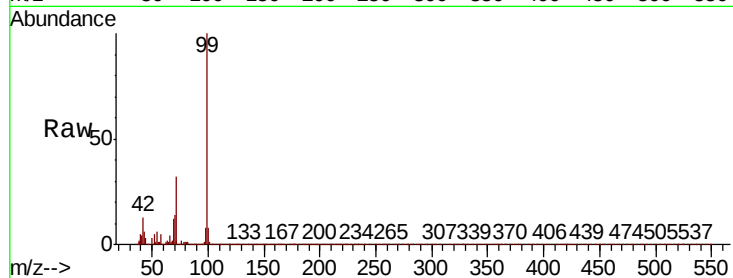
BNA_P

ClientSampleId :

MDL-S-BL03

Tot Ion: 99 Resp: 4654111

Ion	Ratio	Lower	Upper
99	100		
42	12.8	9.8	14.8
71	32.0	23.8	35.8

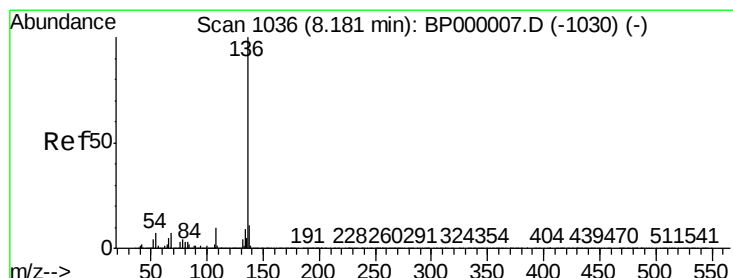
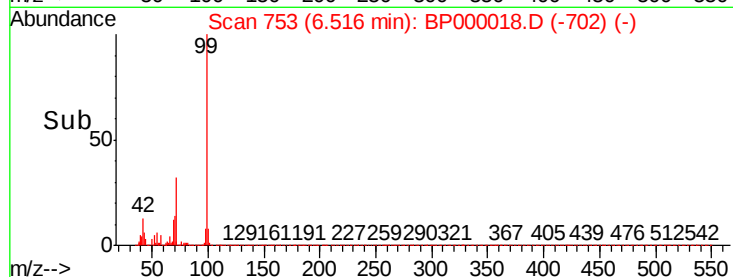
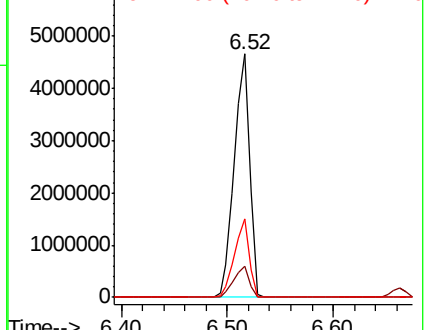


Abundance

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

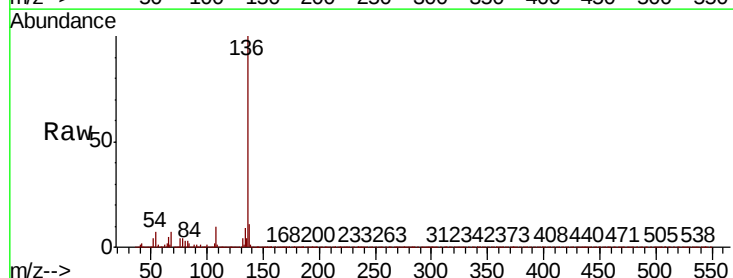
Delta R.T. -0.01 min

Lab File: BP000018.D

Acq: 30 Aug 2019 23:13

Tgt Ion: 136 Resp: 1667612

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.2	5.4	8.2
68	7.0	5.4	8.0



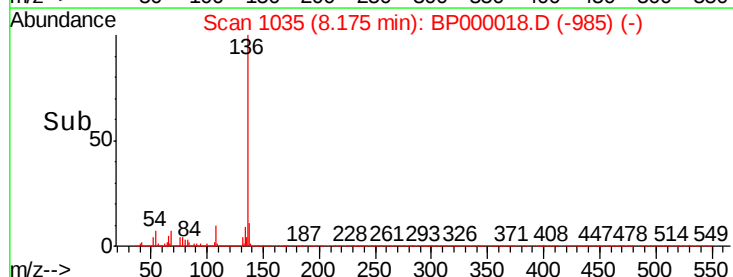
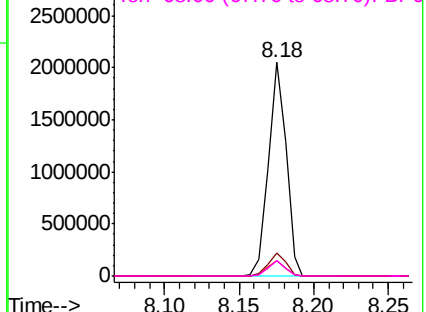
Abundance

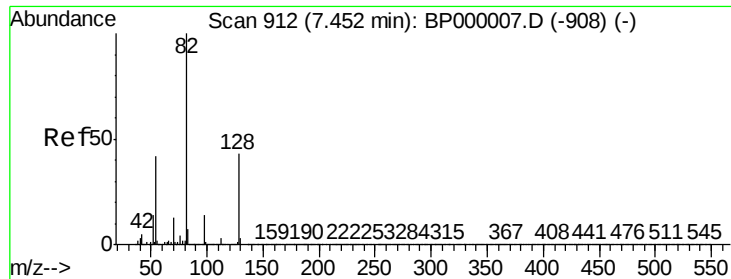
Ion 136.00 (135.70 to 136.70): E

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

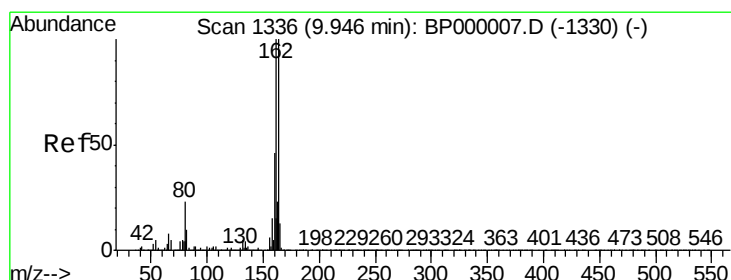
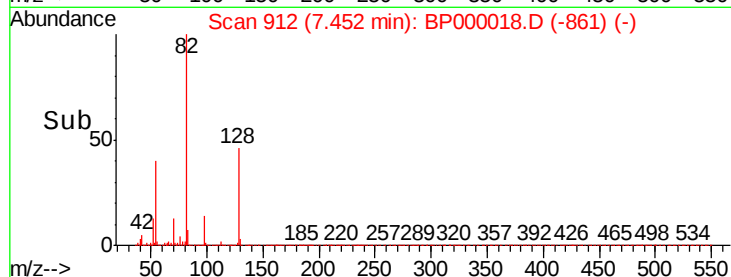
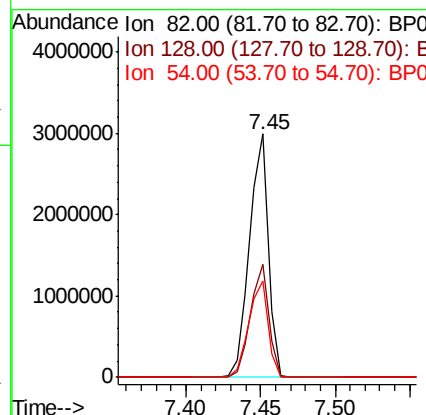
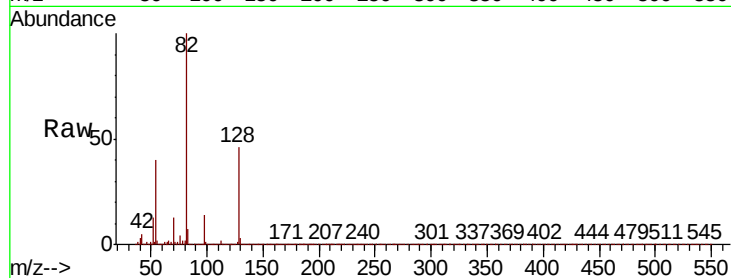




#23
Nitrobenzene-d5
Concen: 95.977 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

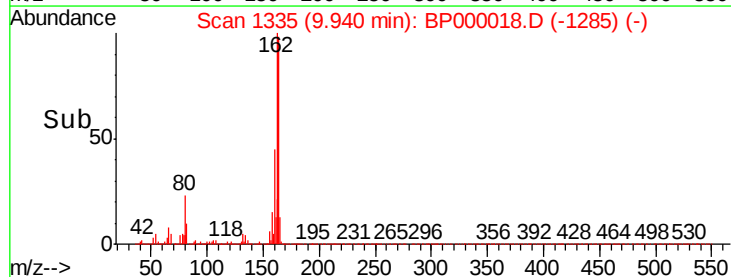
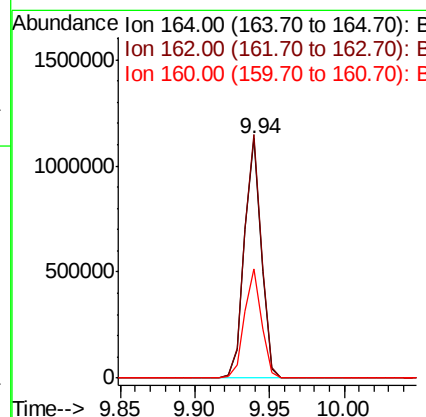
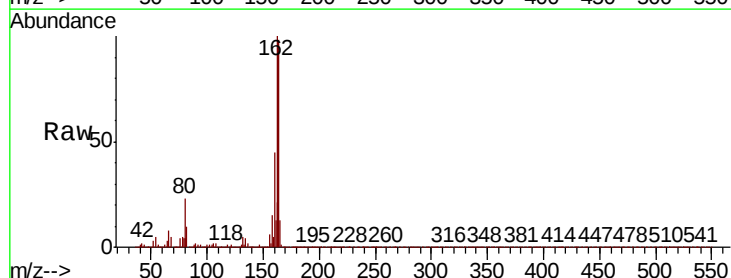
Instrument :
BNA_P
ClientSampleId :
MDL-S-BL03

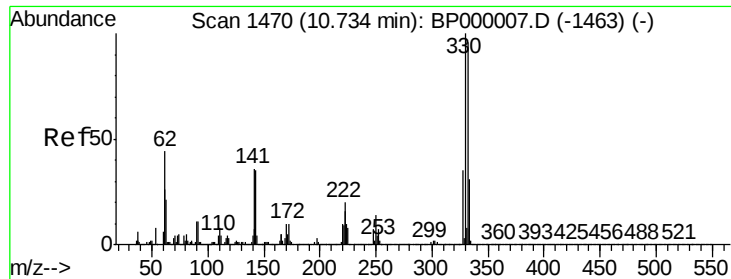
Tot Ion: 82 Resp: 2608412
Ion Ratio Lower Upper
82 100
128 46.5 34.5 51.7
54 39.6 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

Tgt Ion:164 Resp: 895419
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.4
160 45.5 36.6 55.0

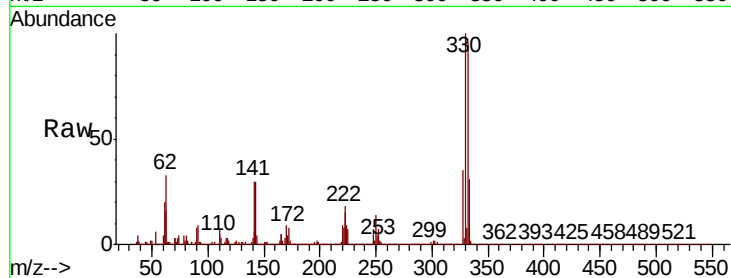




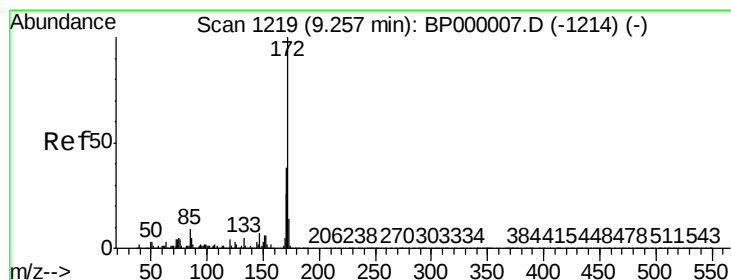
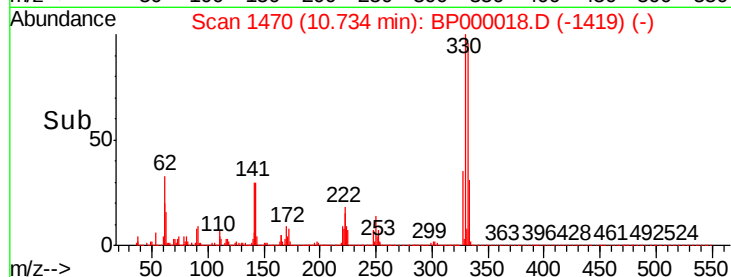
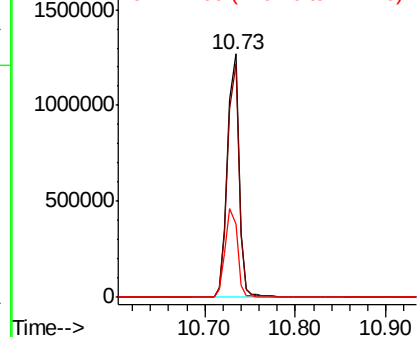
#42
2,4,6-Tribromophenol
Concen: 148.280 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :
MDL-S-BL03

Tot Ion:330 Resp: 1119137
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 39.0 33.6 50.4

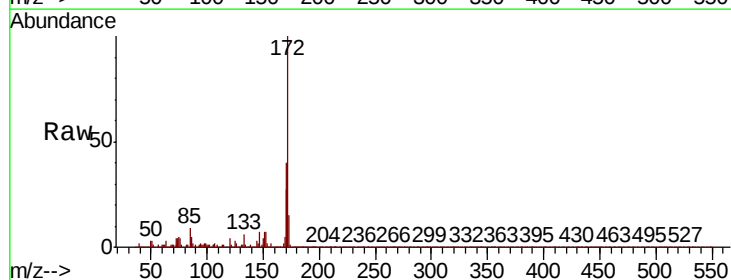


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

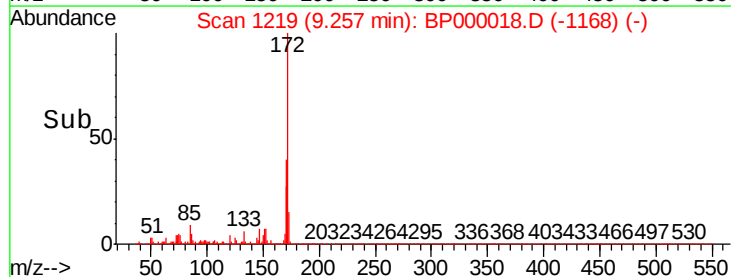
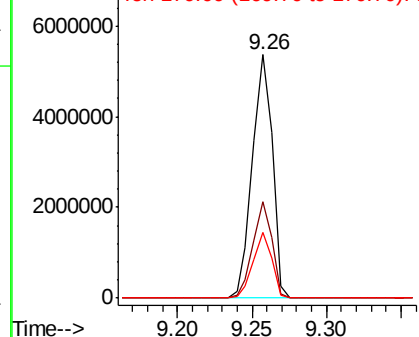


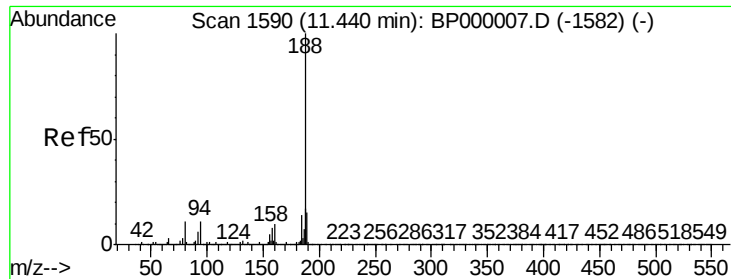
#45
2-Fluorobiphenyl
Concen: 92.501 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

Tgt Ion:172 Resp: 4959725
Ion Ratio Lower Upper
172 100
171 39.8 30.7 46.1
170 27.1 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

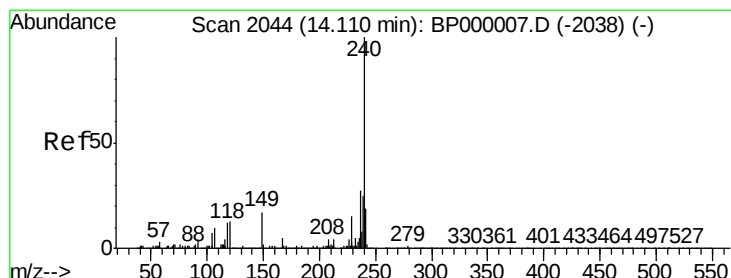
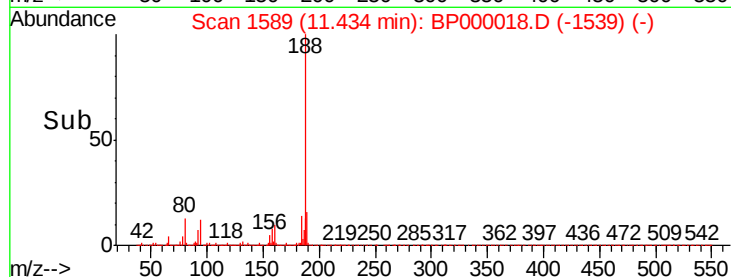
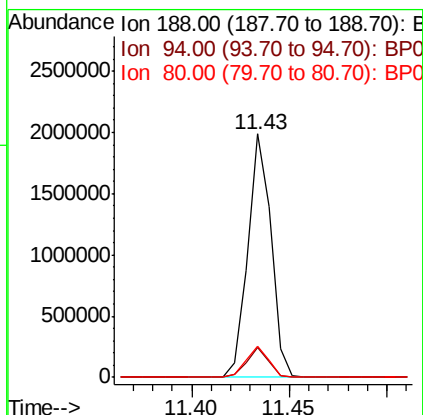
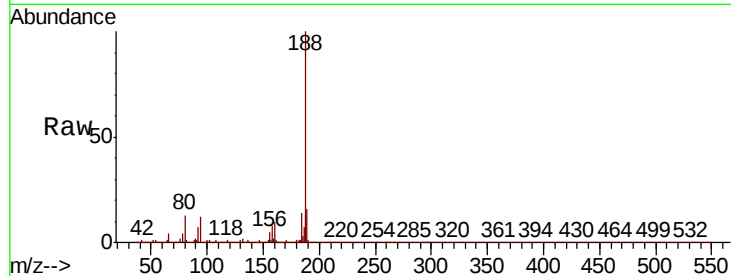




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

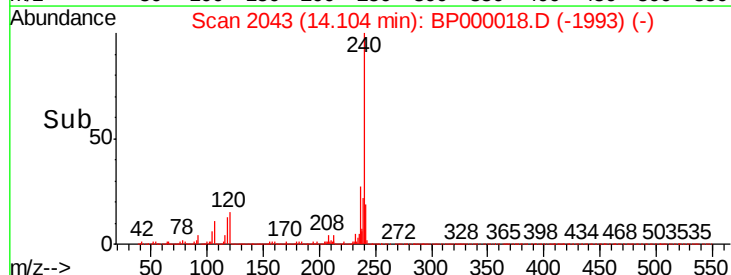
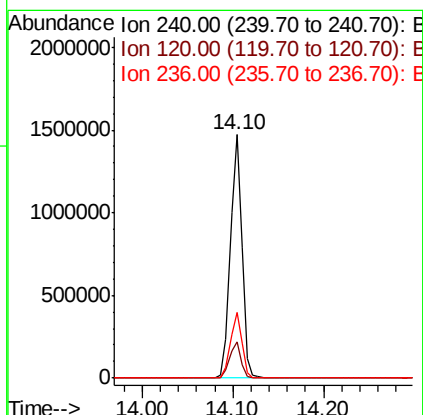
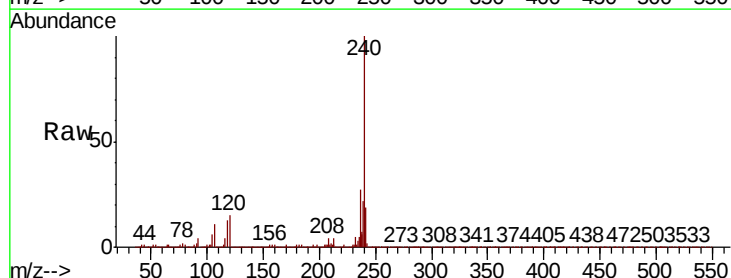
Instrument :
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MDL-S-BL03

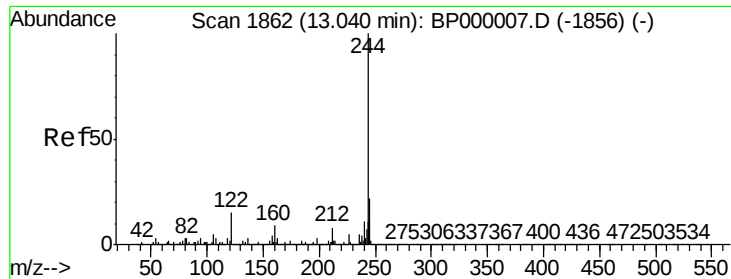
Tot Ion:188 Resp: 1633953
Ion Ratio Lower Upper
188 100
94 12.4 8.8 13.2
80 12.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 23:13

Tgt Ion:240 Resp: 1300718
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 27.0 21.5 32.3





#79

Terphenyl-d14

Concen: 94.271 ng

RT: 13.05 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BP000018.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

MDL-S-BL03

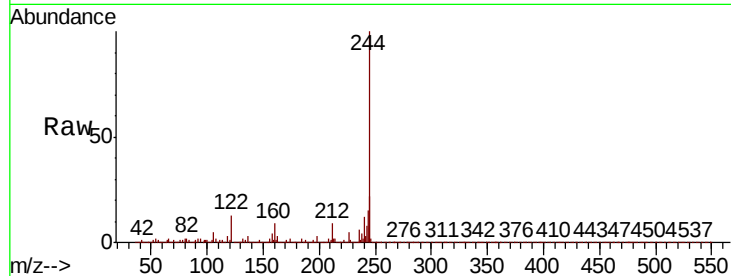
Tot Ion:244 Resp: 5625764

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

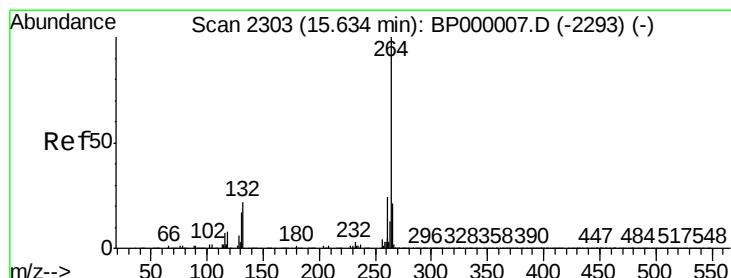
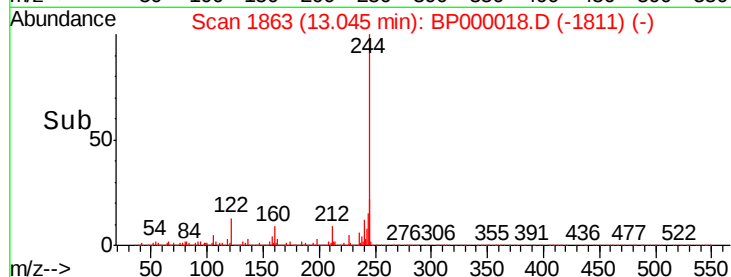
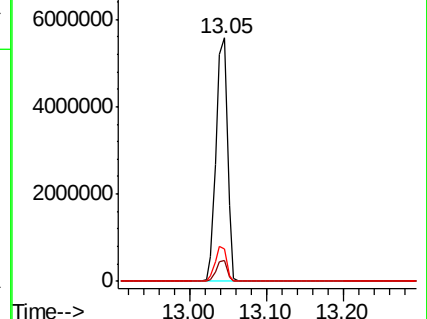
122 13.4 12.3 18.5



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: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BP000018.D

Acq: 30 Aug 2019 23:13

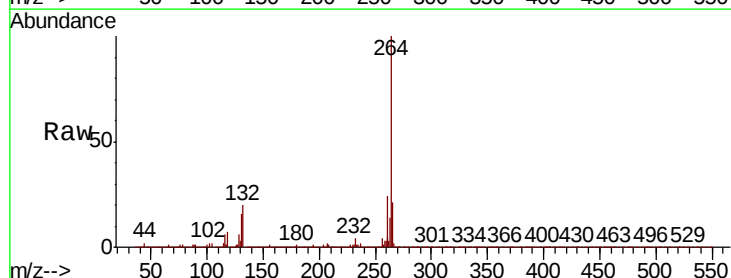
Tgt Ion:264 Resp: 1351925

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 21.4 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

