

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP083119\
 Data File : BP000034.D
 Acq On : 31 Aug 2019 10:00
 Operator : HP/JU
 Sample : MDL-W-BL-04
 Misc : 4PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL-W-BL-04

Quant Time: Aug 31 15:02:05 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	478576	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1734923	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	933173	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1732845	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1424080	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1534562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3640883	121.31	ng	0.01
7) Phenol-d6	6.52	99	4545069	119.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	2518986	89.09	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1098523	139.66	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4862258	87.01	ng	0.00
79) Terphenyl-d14	13.04	244	5715544	87.48	ng	0.00

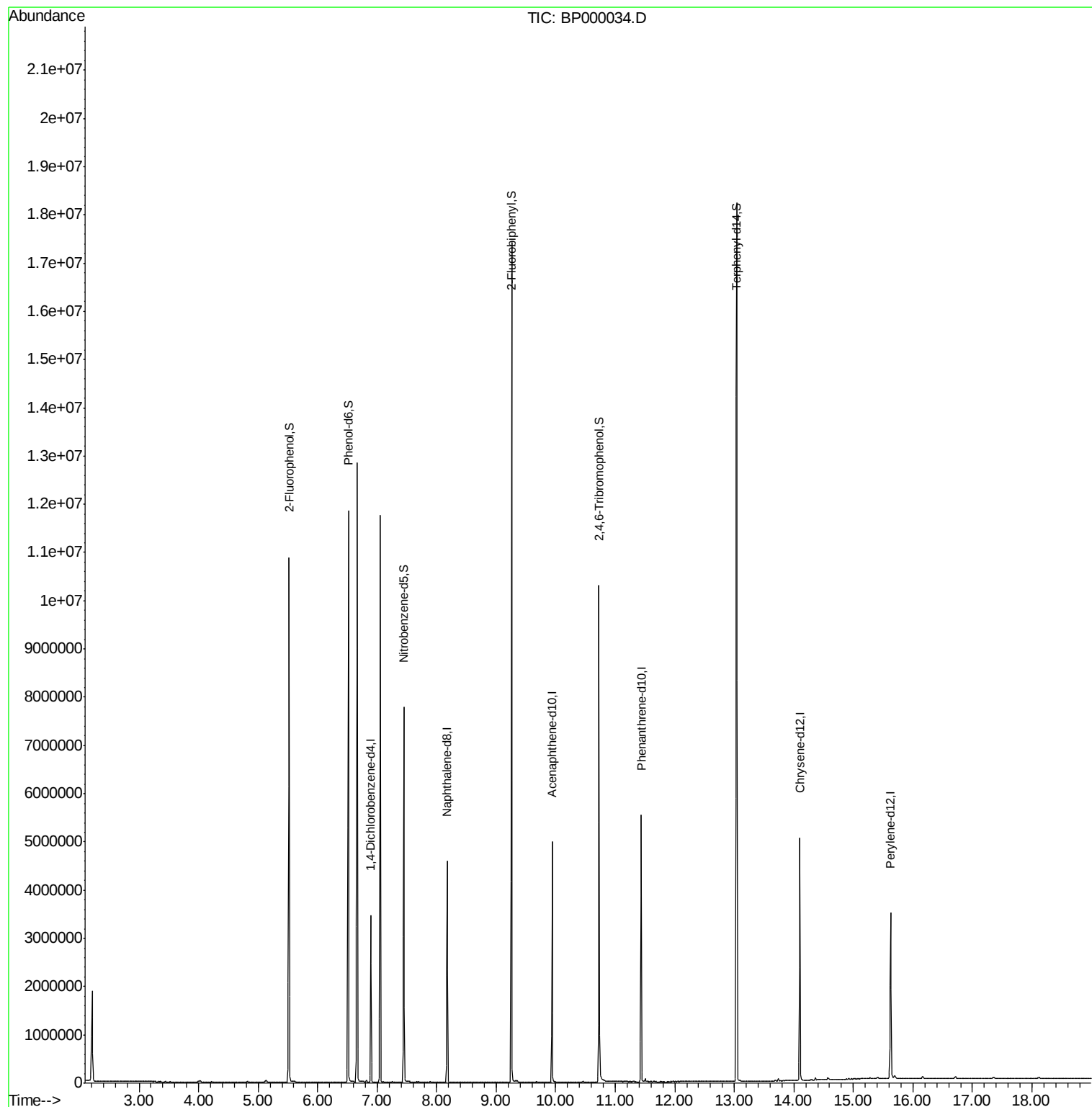
Target Compounds	Qvalue
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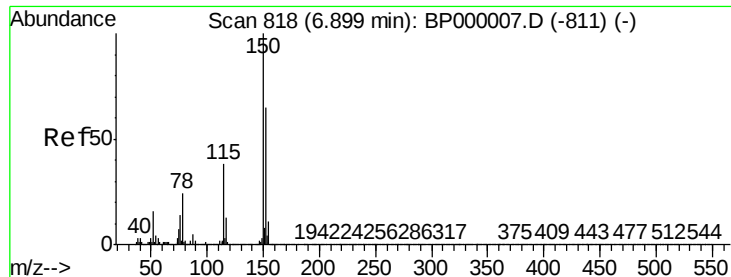
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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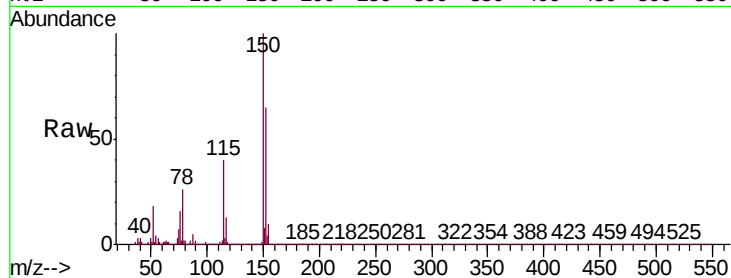


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000034.D
Acq: 31 Aug 2019 10:00

Instrument :
ClientSampleId :
MDL-W-BL-04

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.6
115	62.1	46.7	70.1

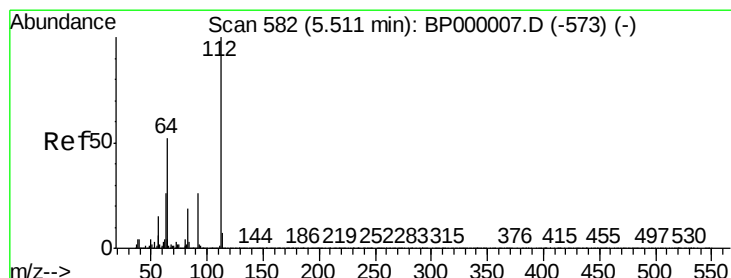
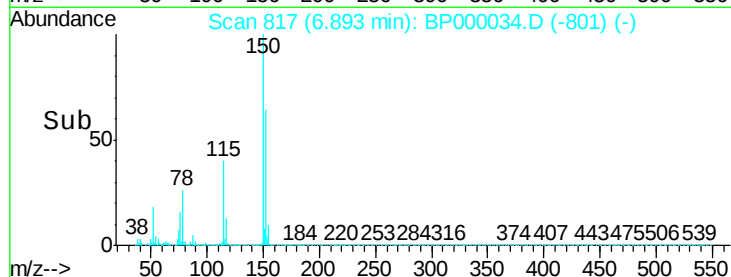
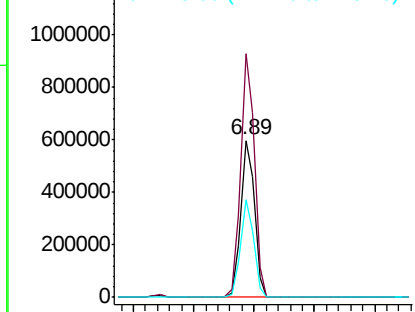


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

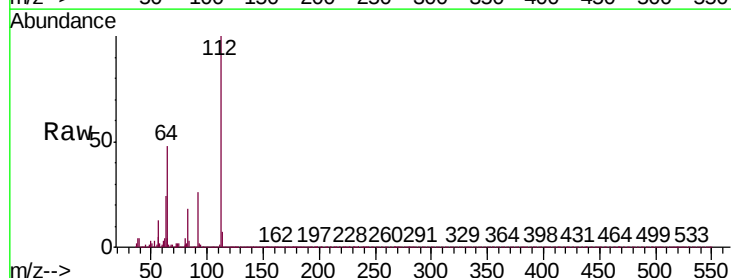
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.315 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000034.D
Acq: 31 Aug 2019 10:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.6	41.8	62.8
63	24.2	21.0	31.4

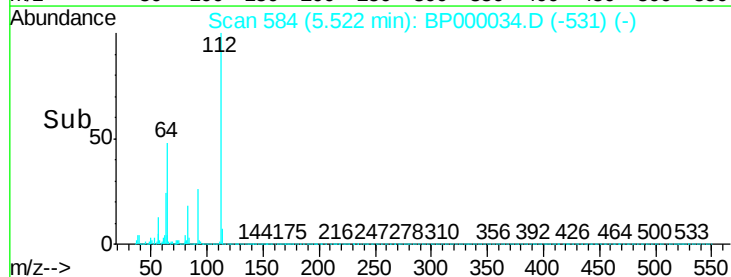
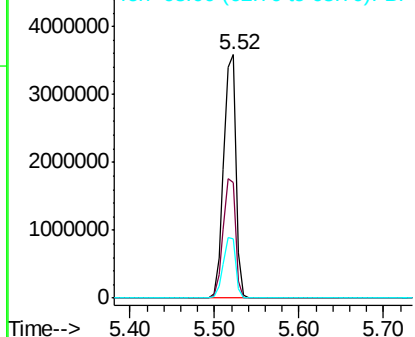


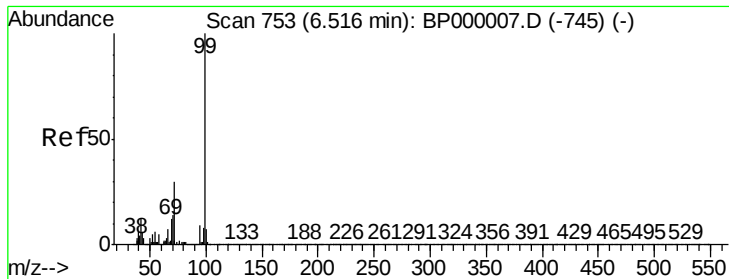
Abundance

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: 119.962 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

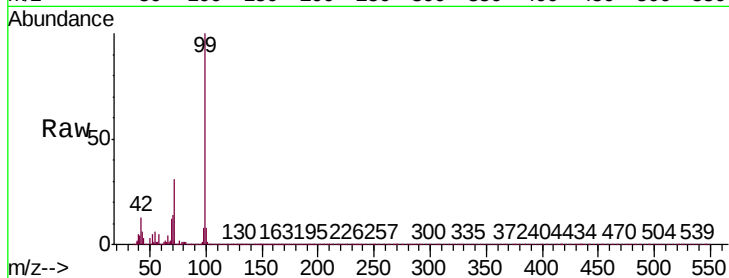
Lab File: BP000034.D

Acq: 31 Aug 2019 10:00

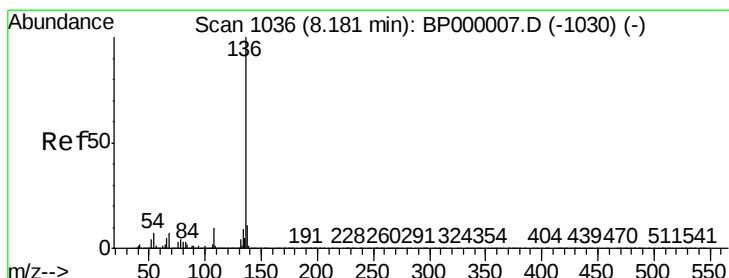
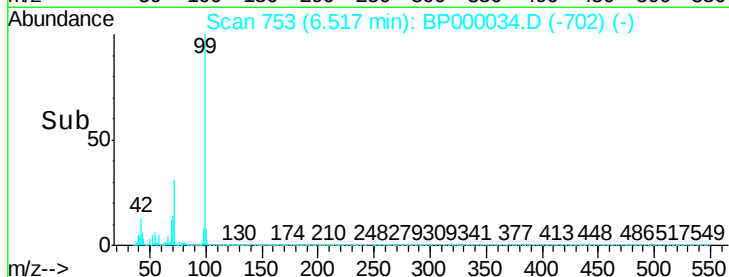
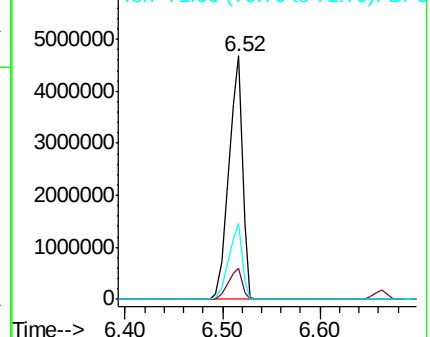
Instrument :
ClientSampleId :
MDL-W-BL-04

Tgt Ion: 99 Resp: 4545069

Ion	Ratio	Lower	Upper
99	100		
42	12.5	9.8	14.8
71	31.2	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

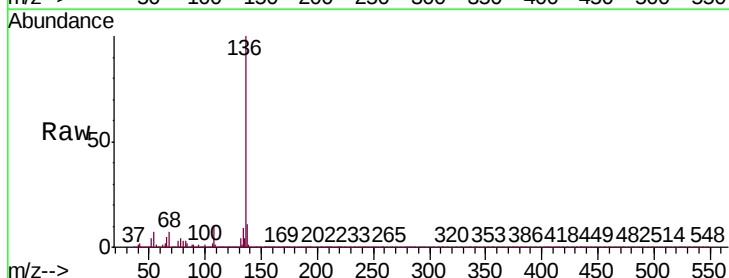
Delta R.T. -0.01 min

Lab File: BP000034.D

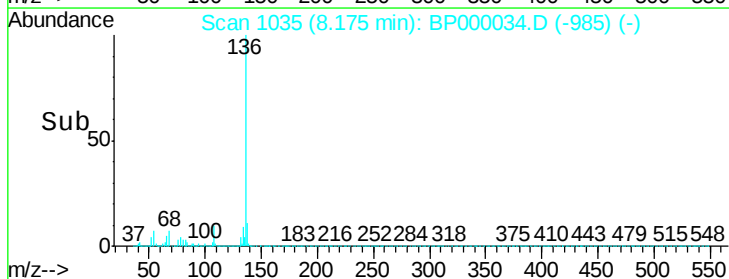
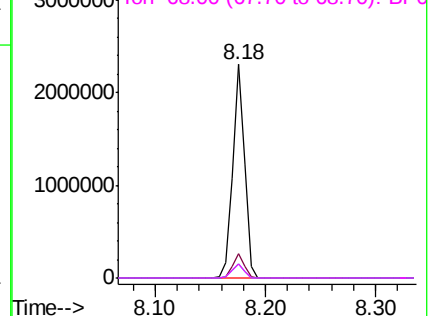
Acq: 31 Aug 2019 10:00

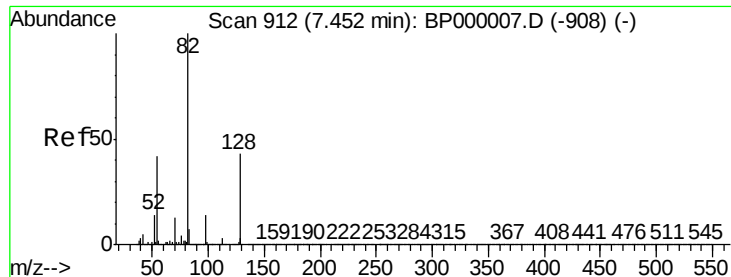
Tgt Ion: 136 Resp: 1734923

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

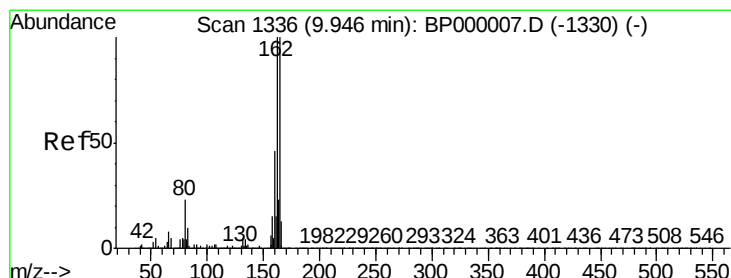
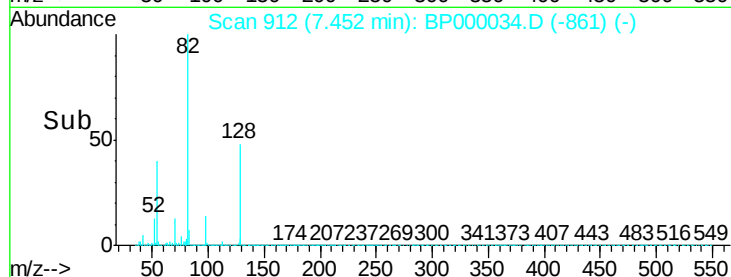
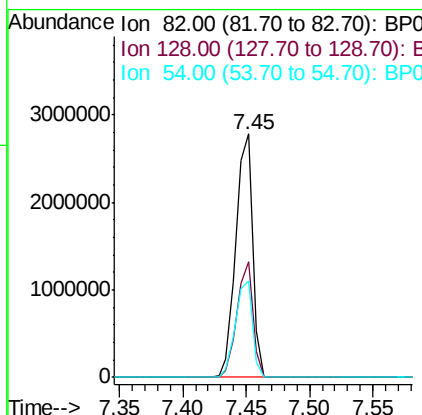
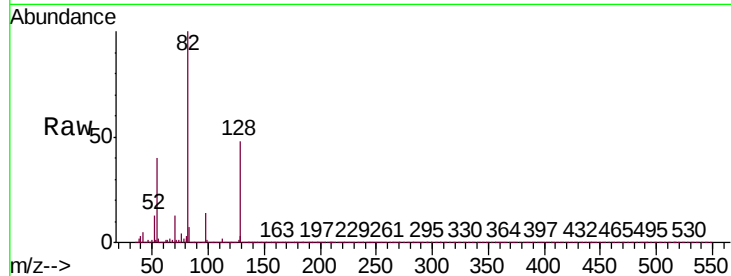




#23
Nitrobenzene-d5
Concen: 89.090 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BP000034.D
Acq: 31 Aug 2019 10:00

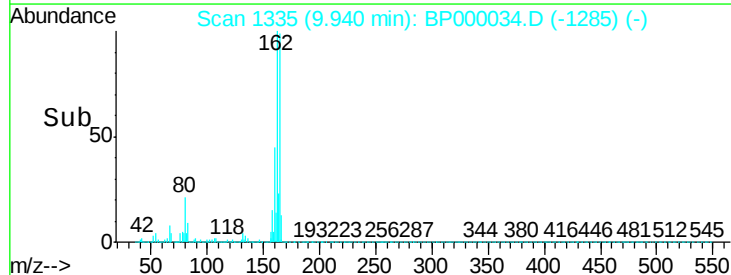
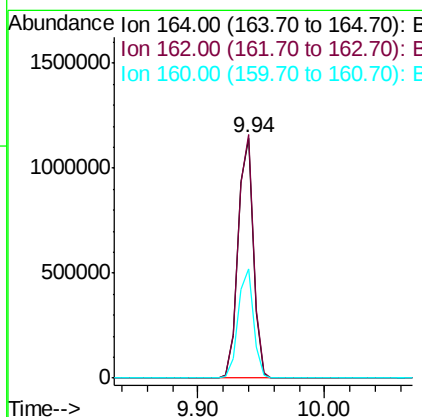
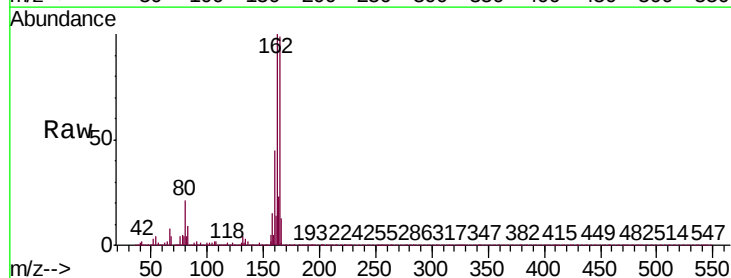
Instrument :
ClientSampled :
MDL-W-BL-04

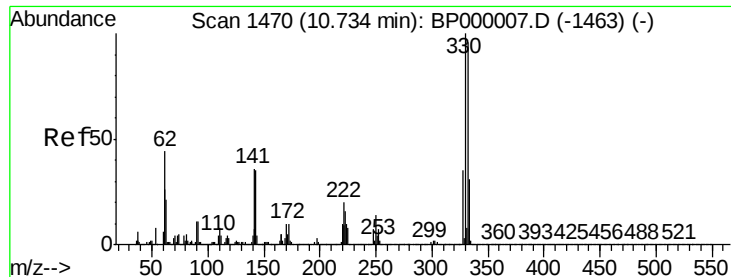
Tgt Ion: 82 Resp: 2518986
Ion Ratio Lower Upper
82 100
128 47.7 34.5 51.7
54 39.5 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000034.D
Acq: 31 Aug 2019 10:00

Tgt Ion: 164 Resp: 933173
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.4
160 45.4 36.6 55.0

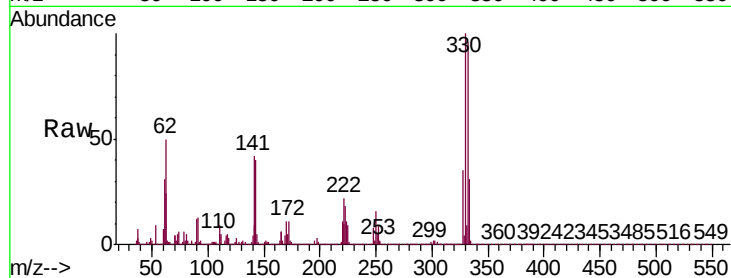




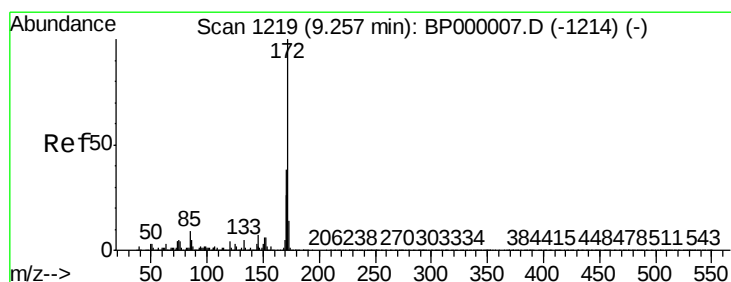
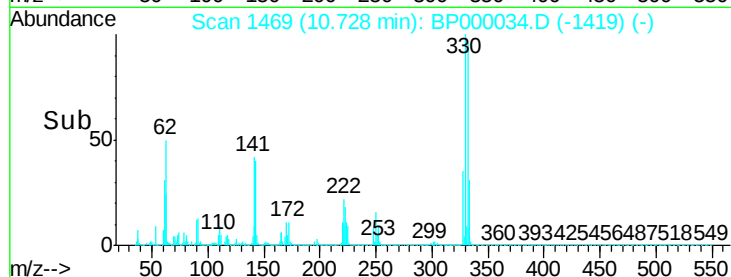
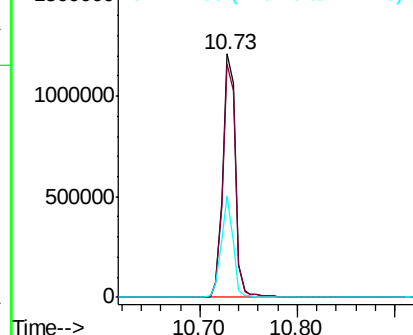
#42
 2,4,6-Tribromophenol
 Concen: 139.660 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BP000034.D
 Acq: 31 Aug 2019 10:00

Instrument :
 ClientSampled :
 MDL-W-BL-04

Tgt Ion:330 Resp: 1098523
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 39.1 33.6 50.4

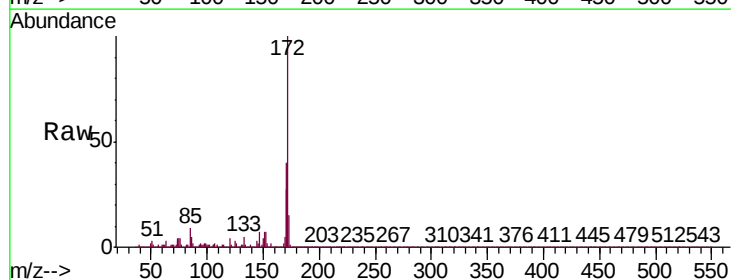


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

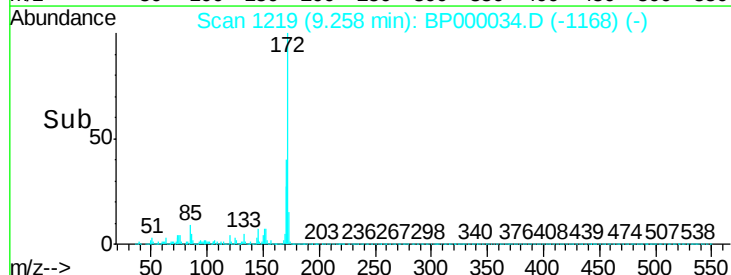
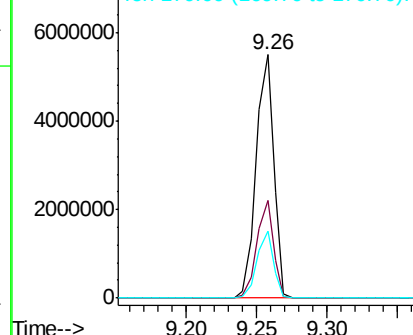


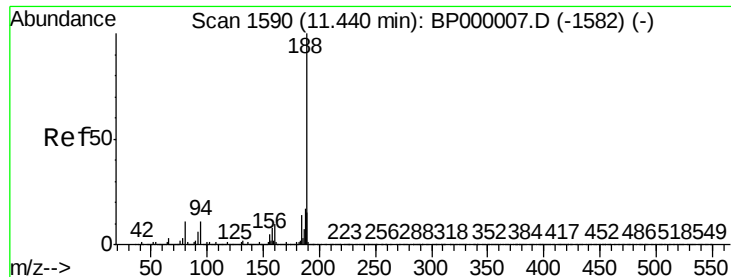
#45
 2-Fluorobiphenyl
 Concen: 87.014 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BP000034.D
 Acq: 31 Aug 2019 10:00

Tgt Ion:172 Resp: 4862258
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.7 46.1
 170 27.3 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

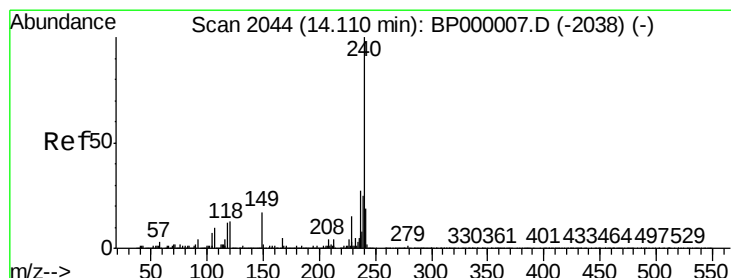
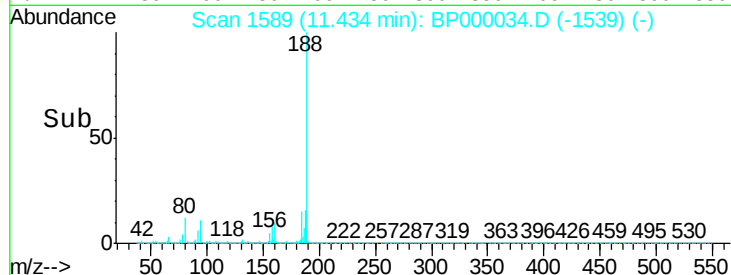
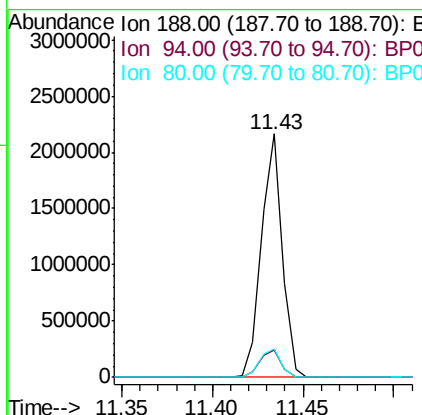
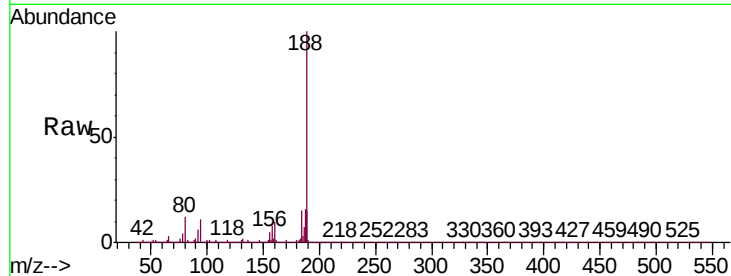




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000034.D
Acq: 31 Aug 2019 10:00

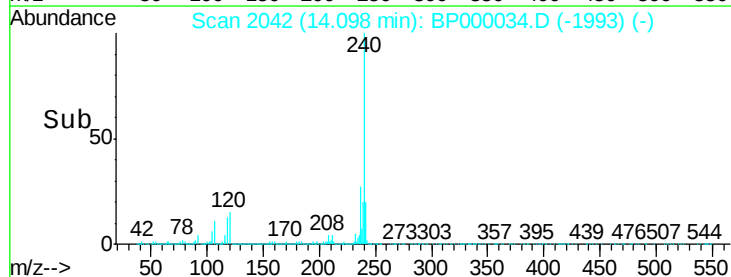
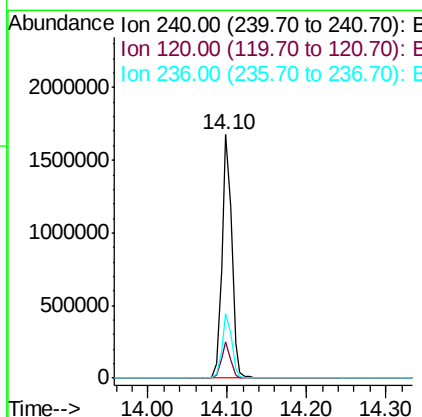
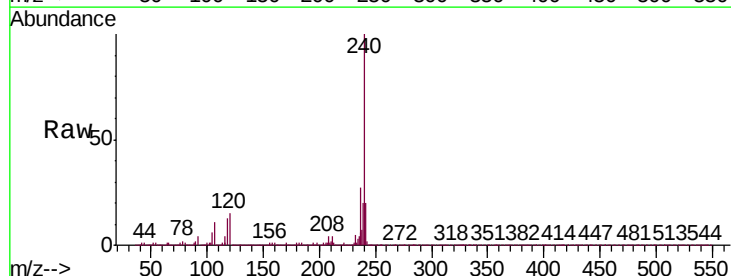
Instrument :
ClientSampleId :
MDL-W-BL-04

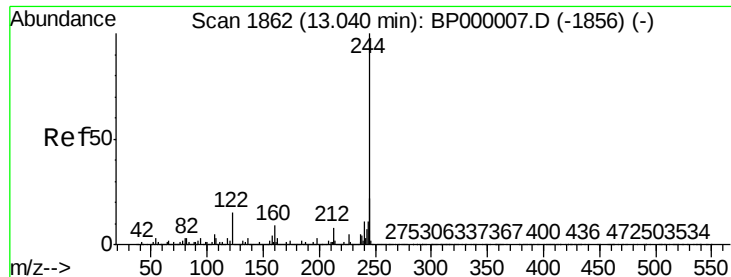
Tgt Ion:188 Resp: 1732845
Ion Ratio Lower Upper
188 100
94 11.2 8.8 13.2
80 11.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000034.D
Acq: 31 Aug 2019 10:00

Tgt Ion:240 Resp: 1424080
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.6 21.5 32.3





#79

Terphenyl-d14

Concen: 87.479 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BP000034.D

Acq: 31 Aug 2019 10:00

Instrument :

ClientSampled :

MDL-W-BL-04

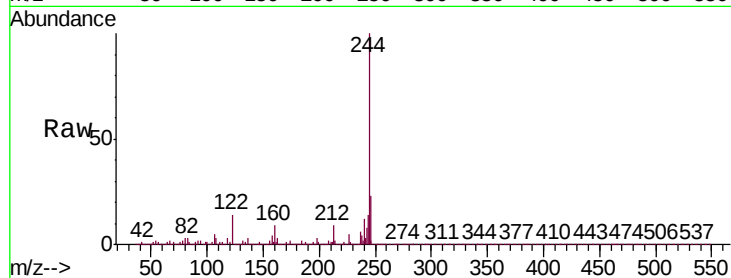
Tgt Ion:244 Resp: 5715544

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

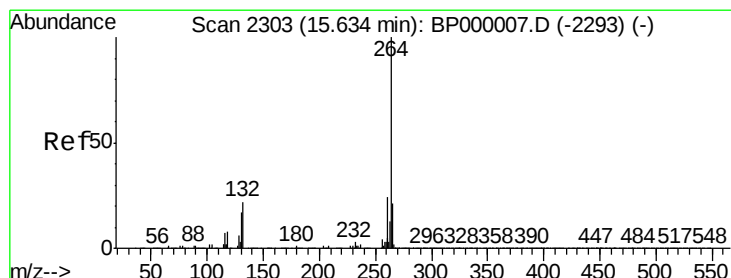
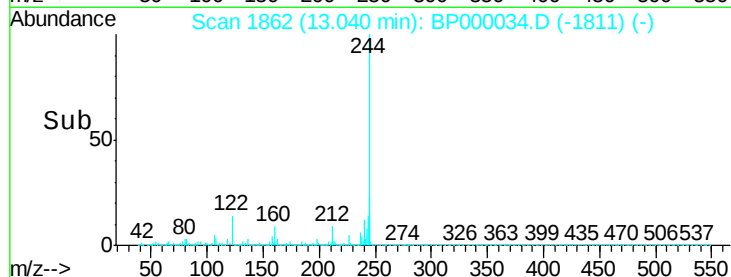
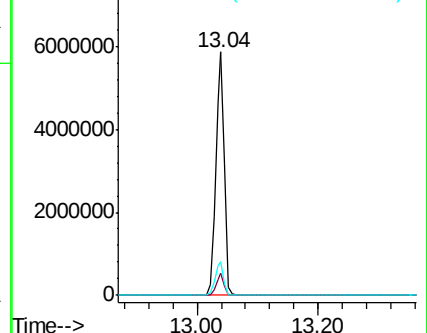
122 14.0 12.3 18.5



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# 2302

Delta R.T. -0.01 min

Lab File: BP000034.D

Acq: 31 Aug 2019 10:00

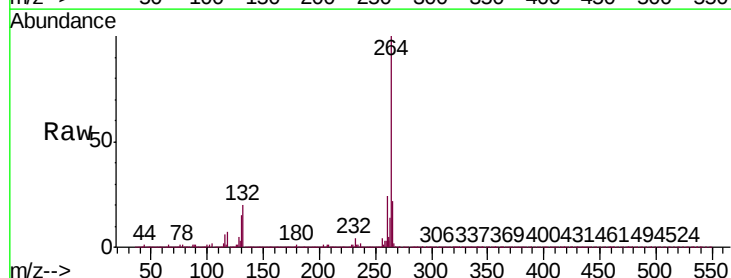
Tgt Ion:264 Resp: 1534562

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.7 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

