

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000015.D
 Acq On : 30 Aug 2019 19:59
 Operator : HP/JU
 Sample : MDL-S-BL01
 Misc : 4PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-BL01

Quant Time: Aug 31 01:18:48 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	6.90	152	401124	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1454527	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	790417	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1467869	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1212481	20.00	ng	0.00
87) Perylene-d12	15.63	264	1268973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3494544	138.92	ng	0.01
7) Phenol-d6	6.52	99	4405647	138.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	2459608	103.76	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1100994	165.25	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4751679	100.39	ng	0.00
79) Terphenyl-d14	13.04	244	5533240	99.47	ng	0.00

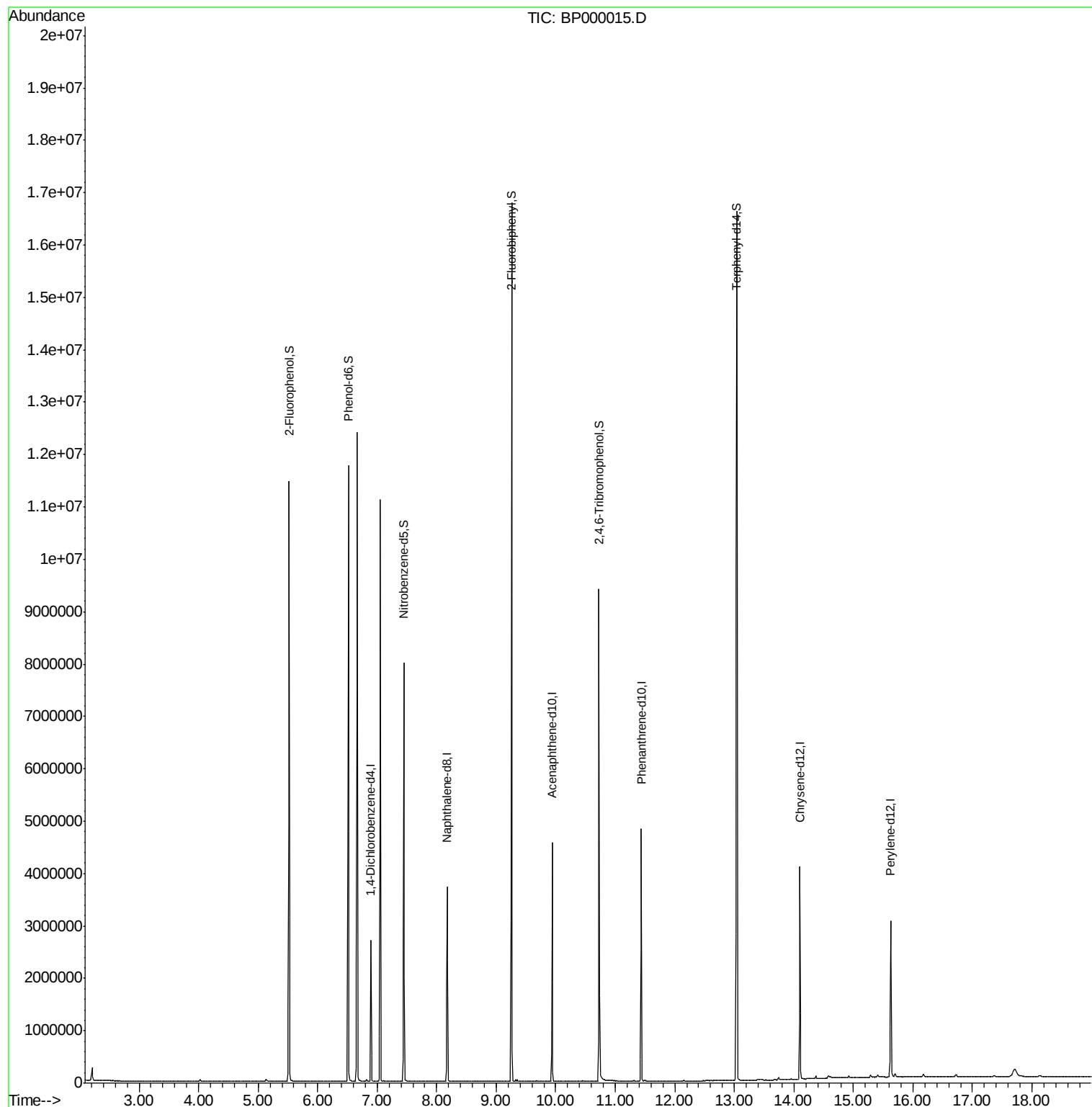
Target Compounds Qvalue

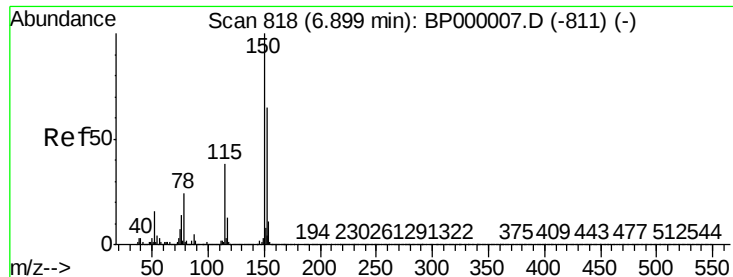
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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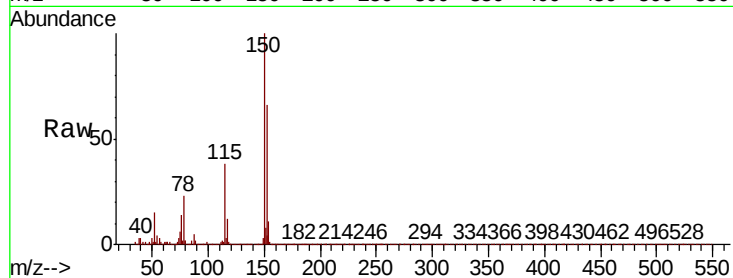


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP000015.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_P
ClientSampleId :
MDL-S-BL01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.0	184.6
115	57.3	46.7	70.1

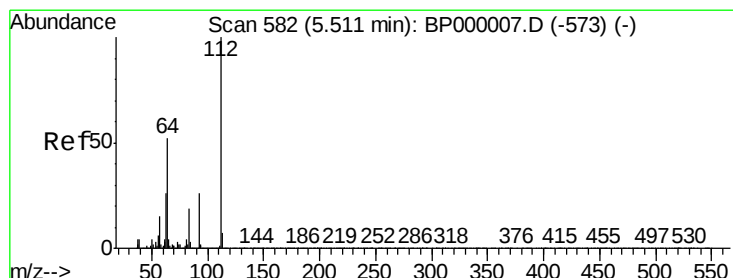
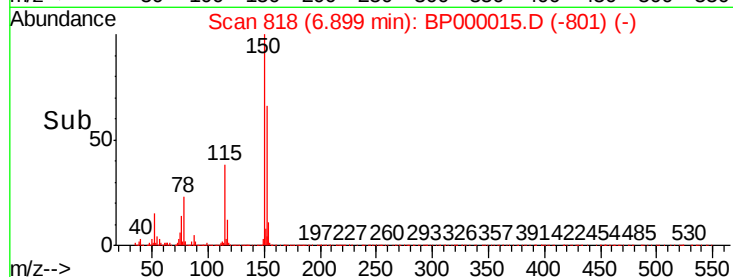
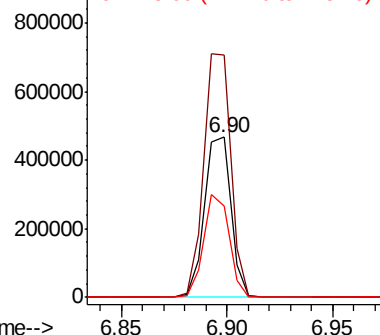


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

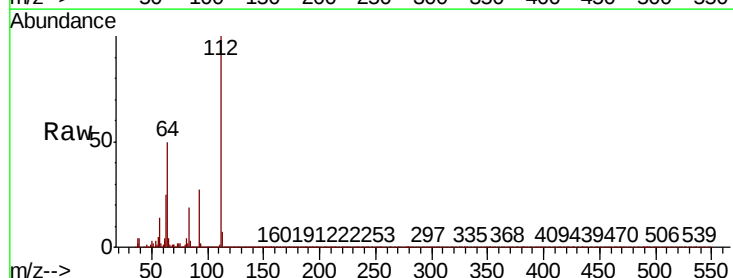
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.922 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000015.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	41.8	62.8
63	25.3	21.0	31.4

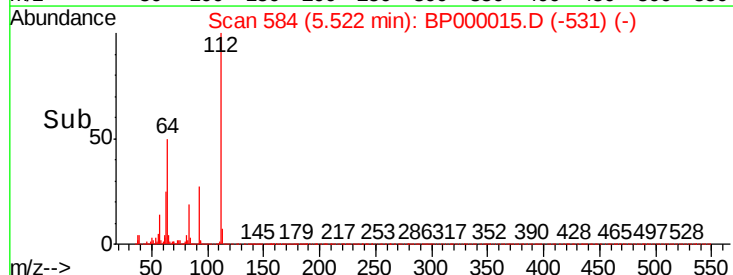
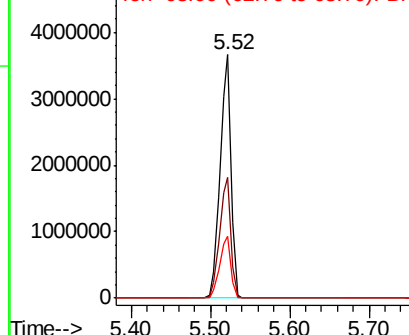


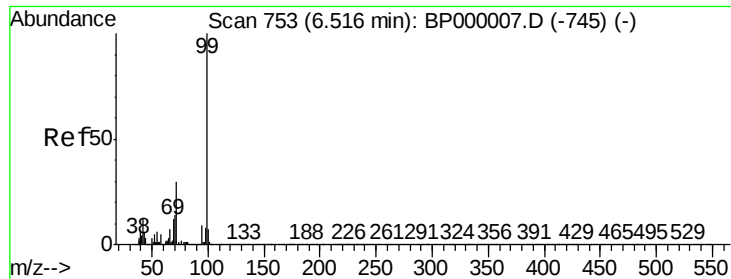
Abundance

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: 138.735 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000015.D

Acq: 30 Aug 2019 19:59

Instrument :

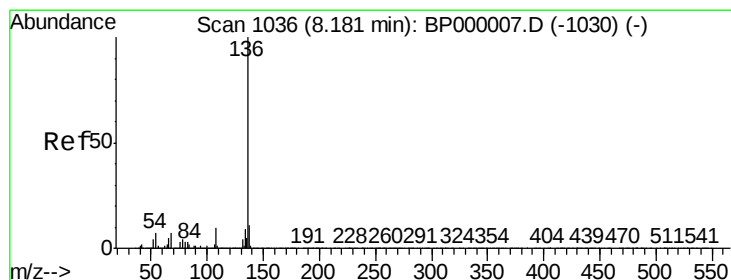
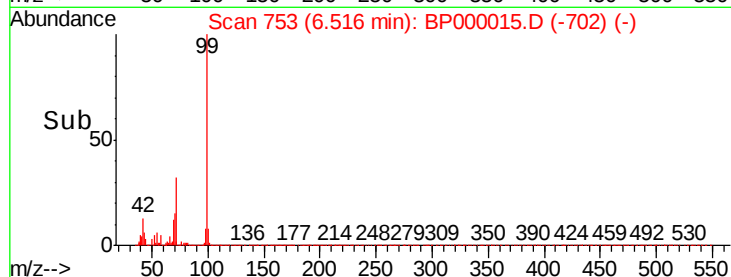
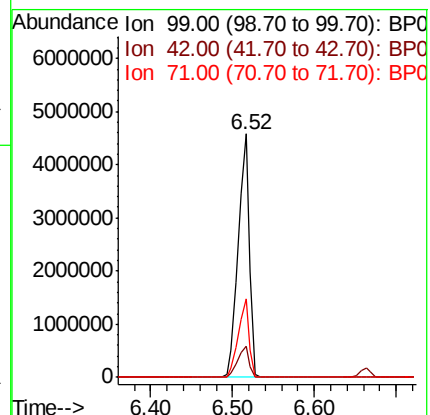
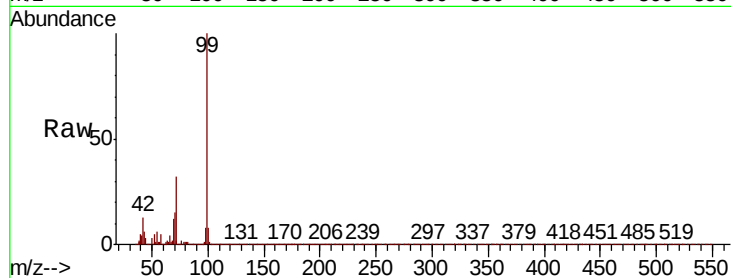
BNA_P

ClientSampleId :

MDL-S-BL01

Tot Ion: 99 Resp: 4405647

Ion	Ratio	Lower	Upper
99	100		
42	12.9	9.8	14.8
71	32.2	23.8	35.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

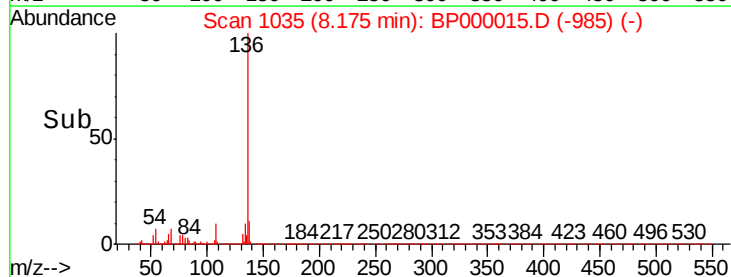
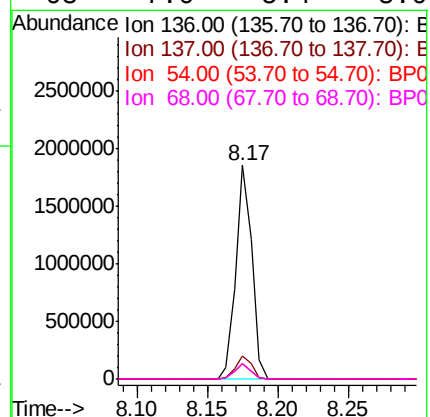
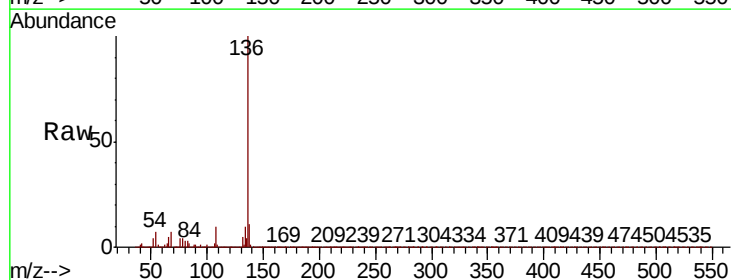
Delta R.T. -0.01 min

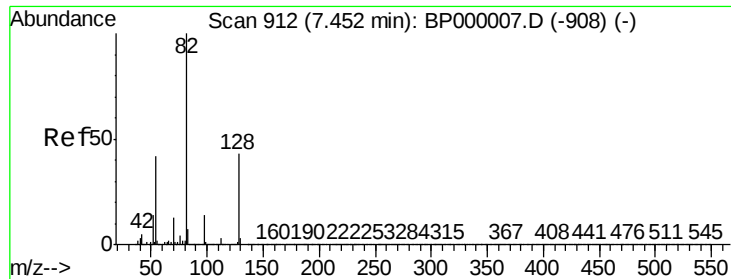
Lab File: BP000015.D

Acq: 30 Aug 2019 19:59

Tgt Ion: 136 Resp: 1454527

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.3	5.4	8.2
68	7.0	5.4	8.0



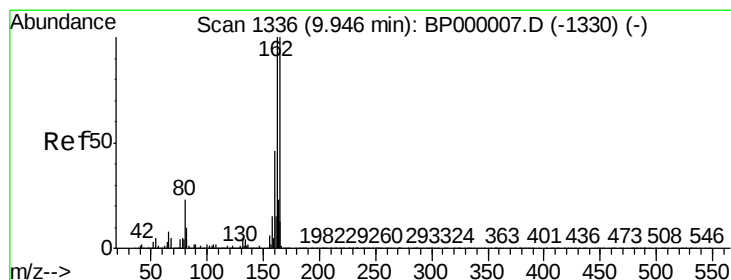
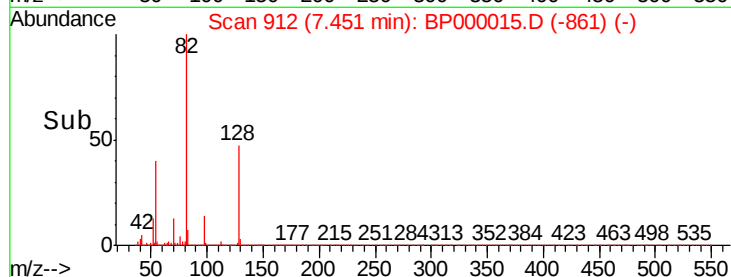
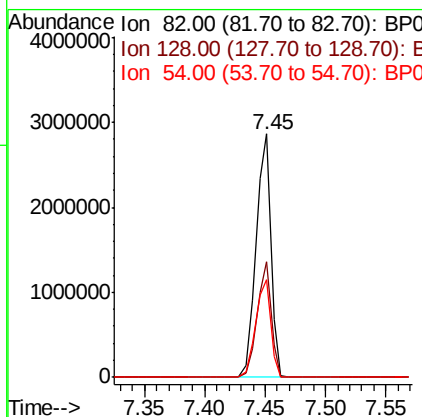
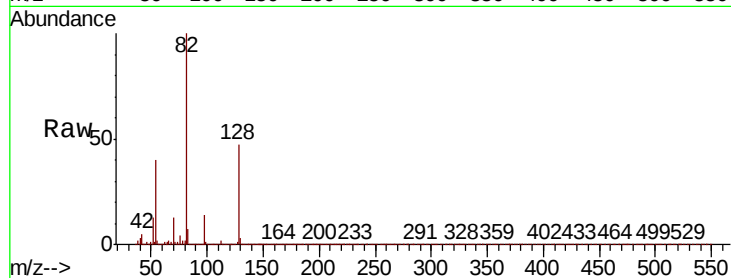


#23
 Nitrobenzene-d5
 Concen: 103.760 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BP000015.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-BL01

Tot Ion: 82 Resp: 2459608

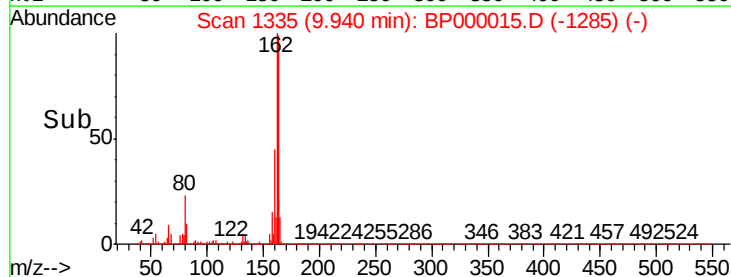
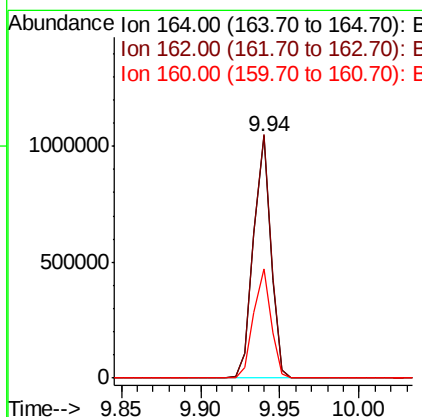
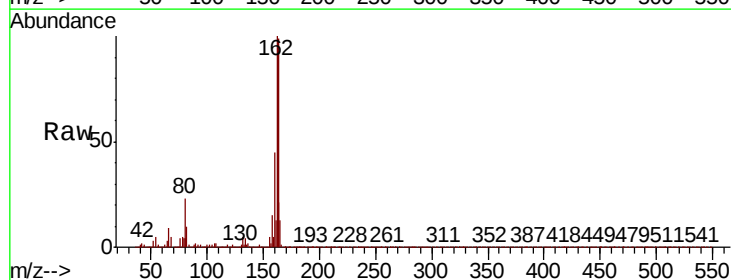
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.5	51.7
54	40.0	33.2	49.8

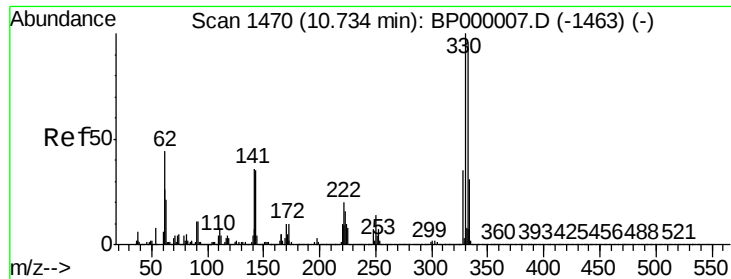


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BP000015.D
 Acq: 30 Aug 2019 19:59

Tgt Ion: 164 Resp: 790417

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.4
160	45.3	36.6	55.0

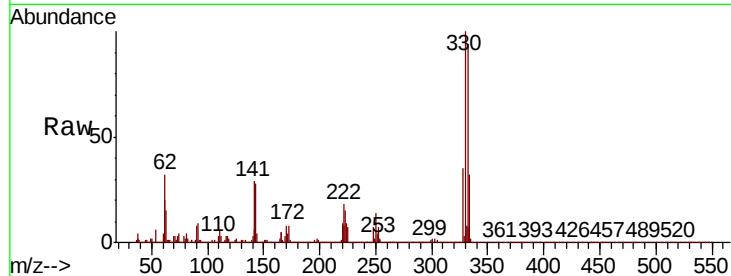




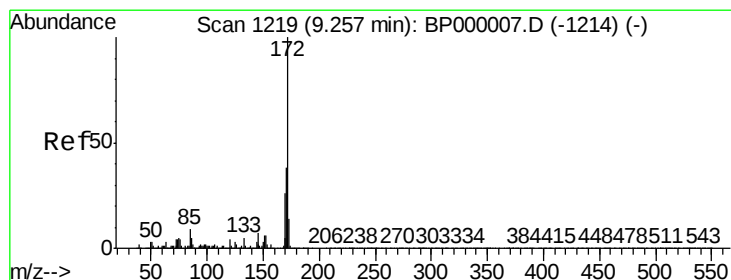
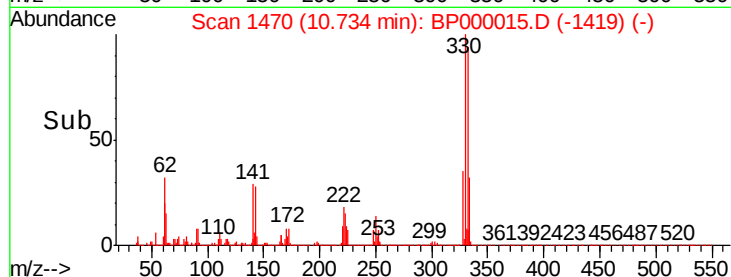
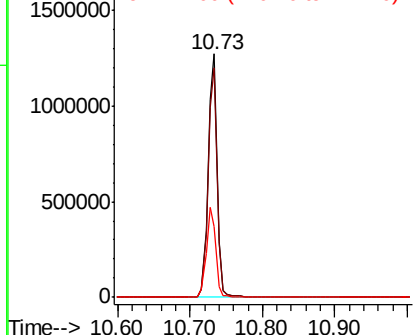
#42
2,4,6-Tribromophenol
Concen: 165.254 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000015.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_P
ClientSampleId :
MDL-S-BL01

Tot Ion:330 Resp: 1100994
Ion Ratio Lower Upper
330 100
332 94.5 76.8 115.2
141 39.2 33.6 50.4

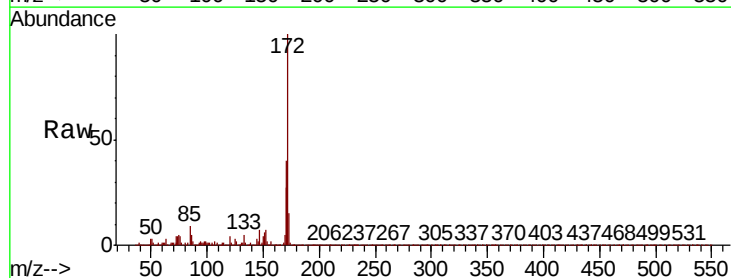


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

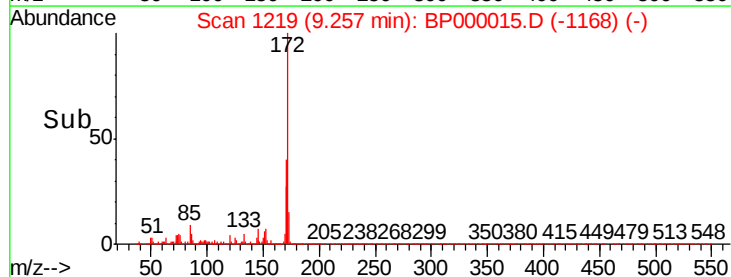
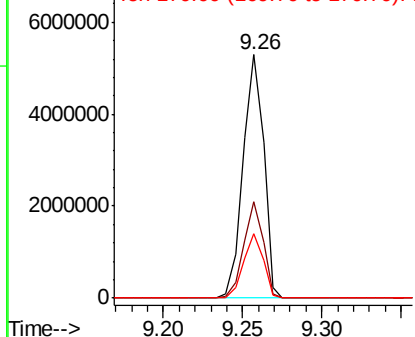


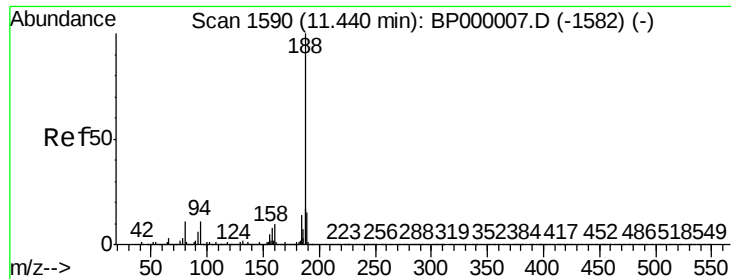
#45
2-Fluorobiphenyl
Concen: 100.394 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000015.D
Acq: 30 Aug 2019 19:59

Tgt Ion:172 Resp: 4751679
Ion Ratio Lower Upper
172 100
171 39.6 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: BP000015.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_P

ClientSampleId :

MDL-S-BL01

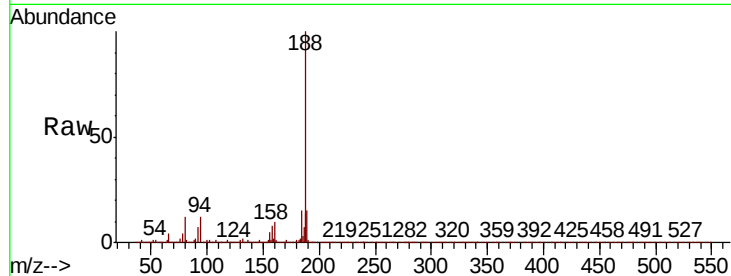
Tot Ion:188 Resp: 1467869

Ion Ratio Lower Upper

188 100

94 11.9 8.8 13.2

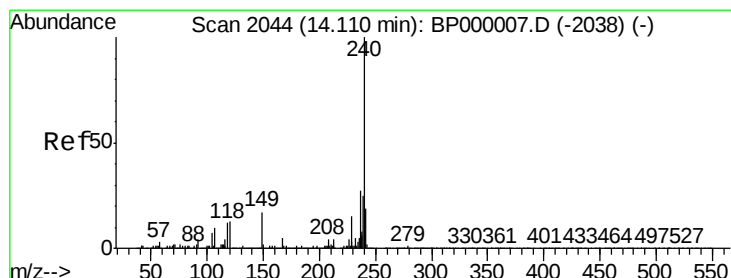
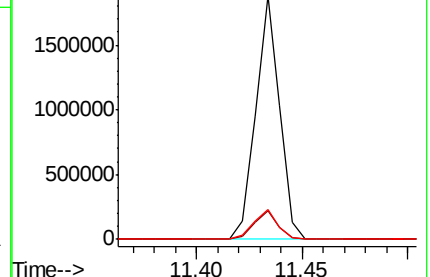
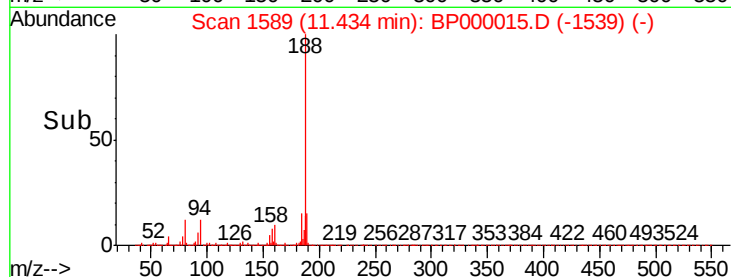
80 12.2 9.0 13.6



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# 2043

Delta R.T. -0.01 min

Lab File: BP000015.D

Acq: 30 Aug 2019 19:59

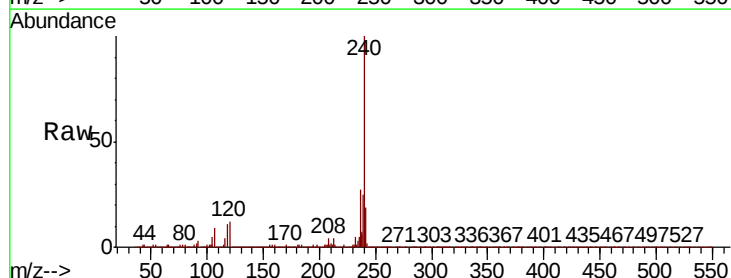
Tgt Ion:240 Resp: 1212481

Ion Ratio Lower Upper

240 100

120 12.2 10.5 15.7

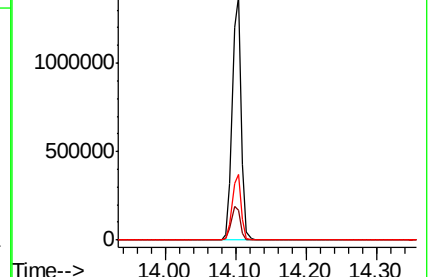
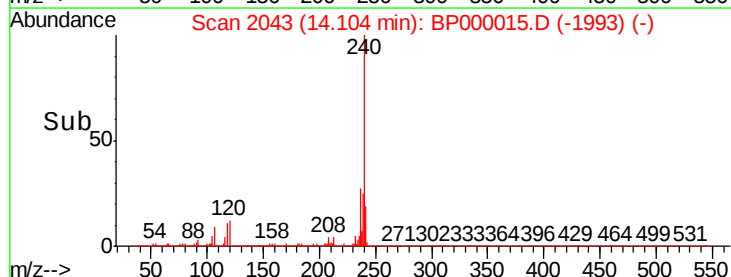
236 27.1 21.5 32.3

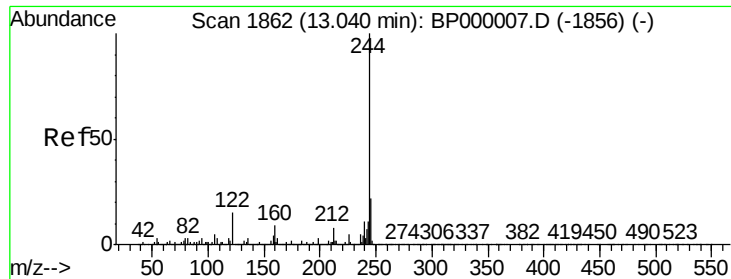


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

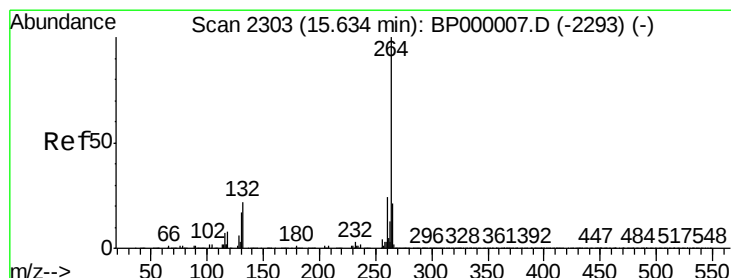
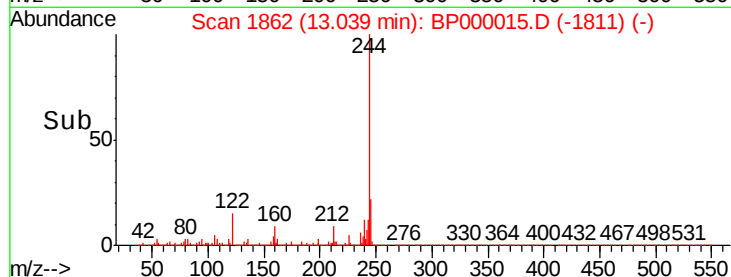
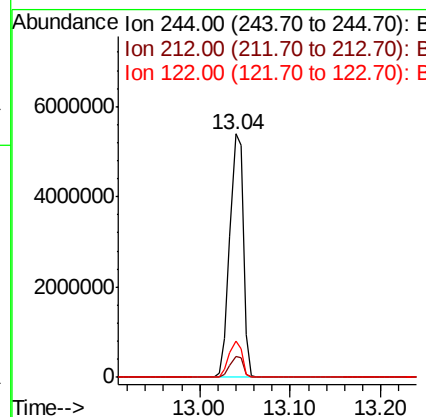
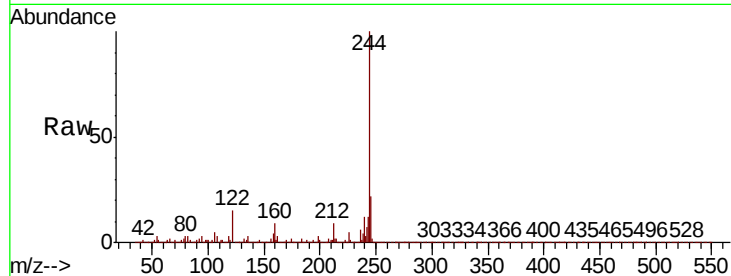




#79
 Terphenyl-d14
 Concen: 99.468 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BP000015.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-BL01

Tot Ion:244 Resp: 5533240
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 14.9 12.3 18.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BP000015.D
 Acq: 30 Aug 2019 19:59

Tgt Ion:264 Resp: 1268973
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.7 17.1 25.7

