

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000021.D
 Acq On : 31 Aug 2019 00:27
 Operator : HP/JU
 Sample : MDL-W-BL01
 Misc : 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-W-BL01

Quant Time: Aug 31 03:53:35 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	420214	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1546371	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	833752	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1522284	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1202455	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1254067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3402316	129.11	ng	0.01
7) Phenol-d6	6.52	99	4229041	127.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	2370140	94.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	999227	142.18	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4636330	92.87	ng	0.00
79) Terphenyl-d14	13.04	244	5137919	93.13	ng	0.00

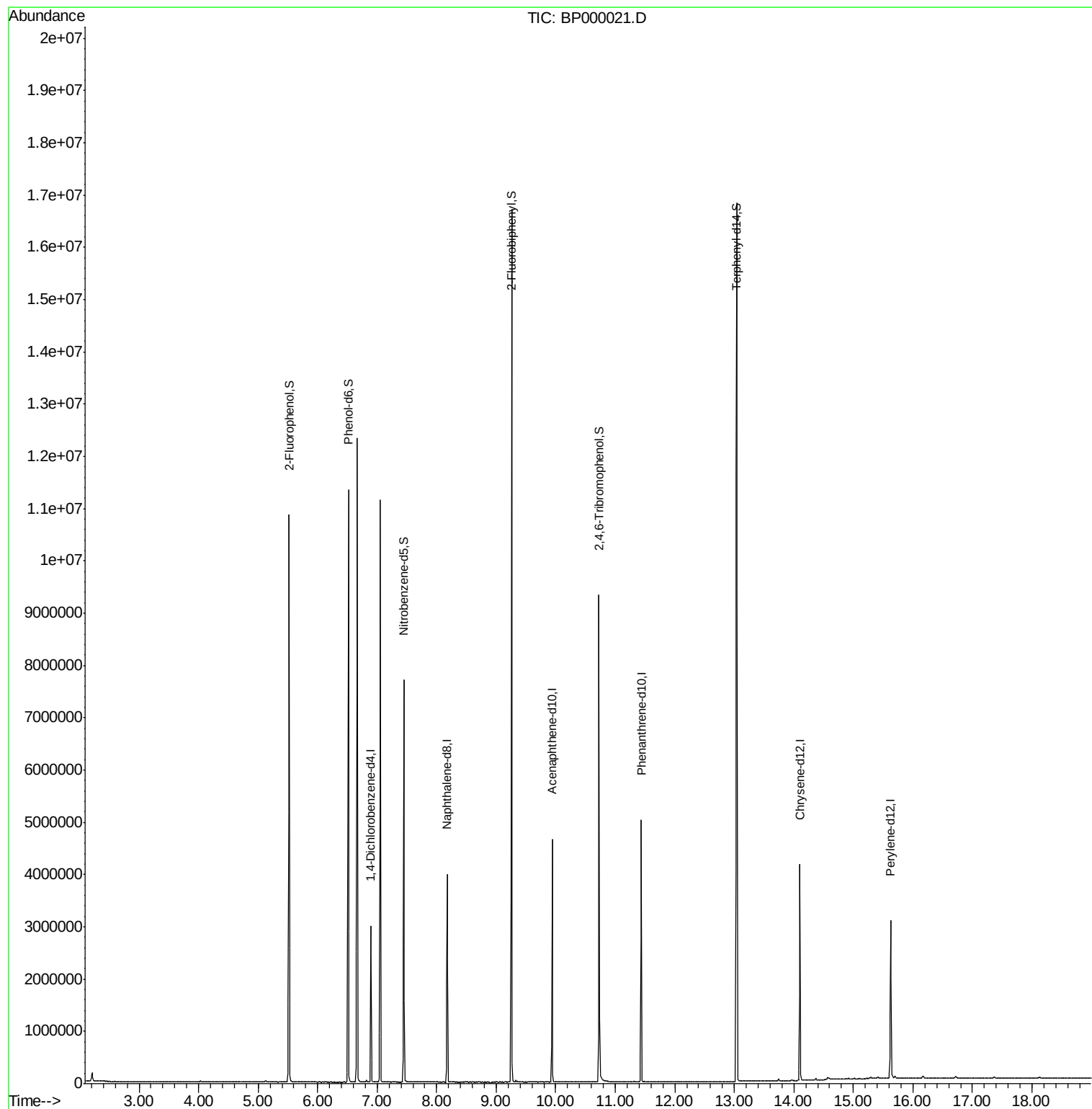
Target Compounds Qvalue

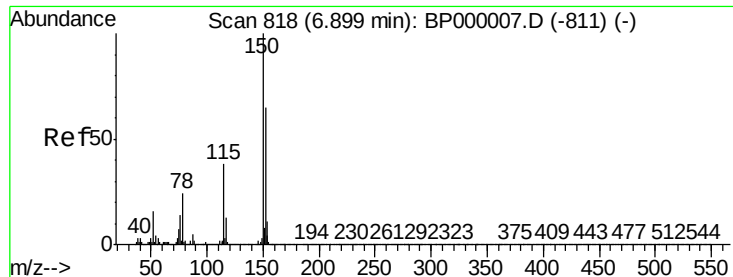
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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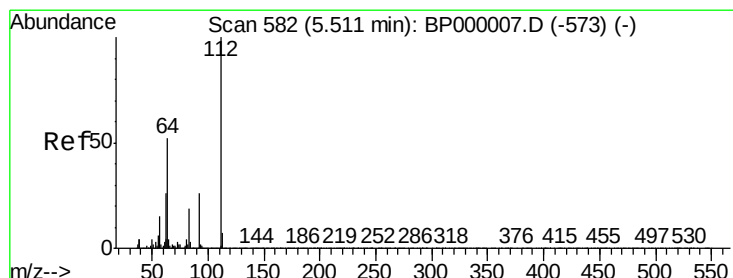
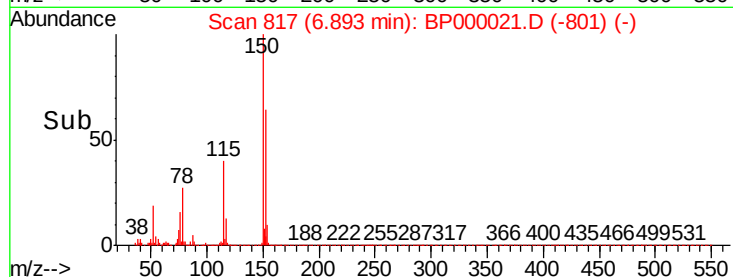
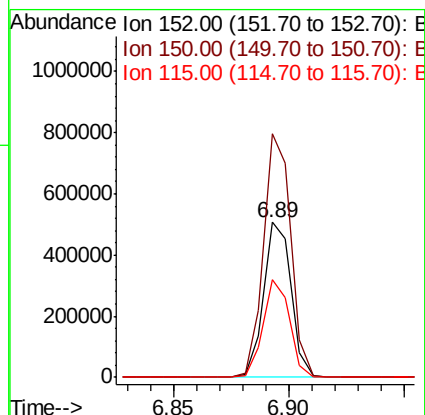
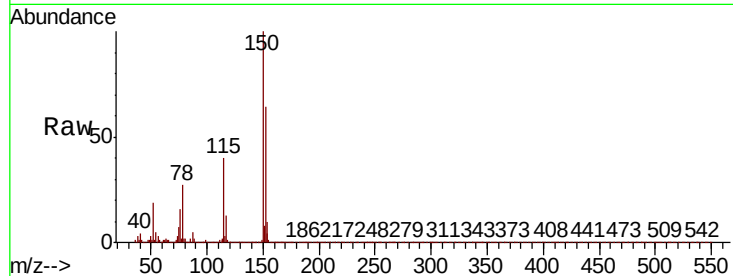


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000021.D
Acq: 31 Aug 2019 00:27

Instrument :
BNA_P
ClientSampleId :
MDL-W-BL01

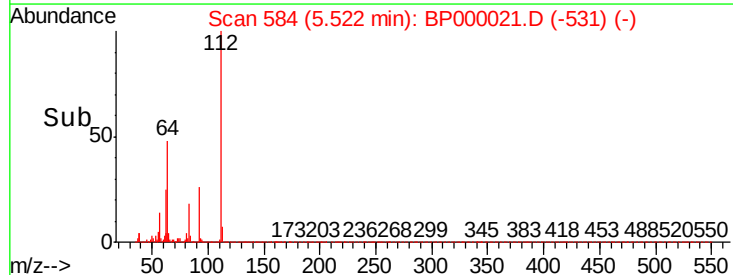
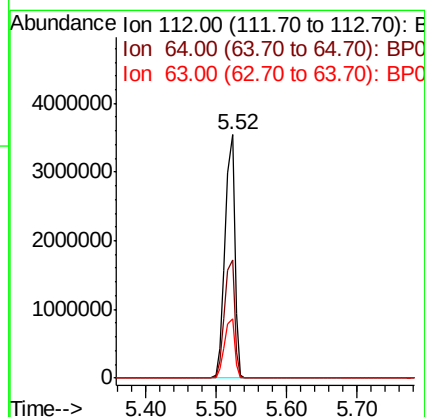
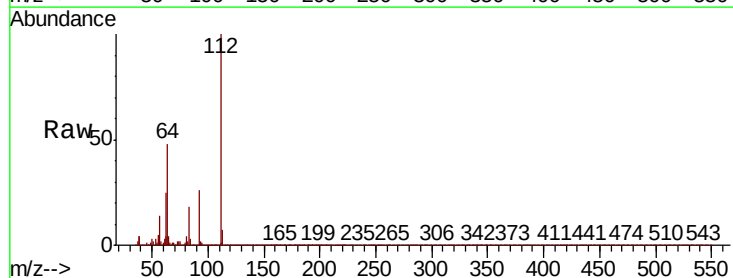
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.0	184.6
115	63.2	46.7	70.1

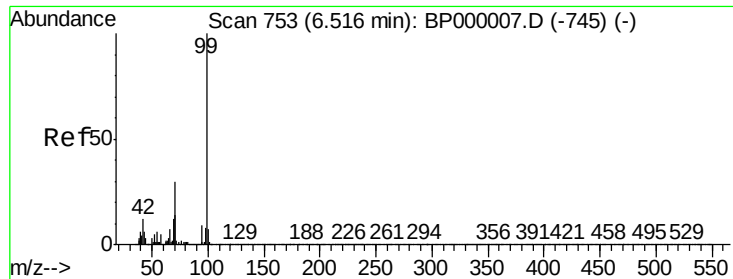


#5

2-Fluorophenol
Concen: 129.111 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000021.D
Acq: 31 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	41.8	62.8
63	24.5	21.0	31.4





#7

Phenol-d6

Concen: 127.124 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000021.D

Acq: 31 Aug 2019 00:27

Instrument :

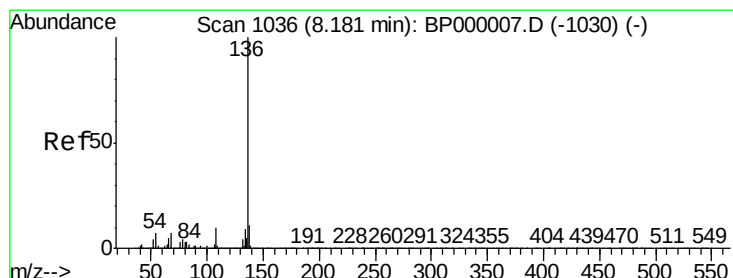
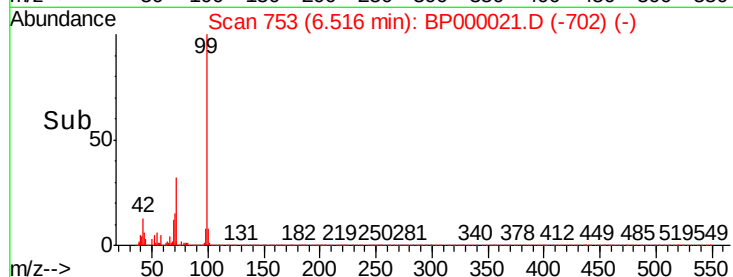
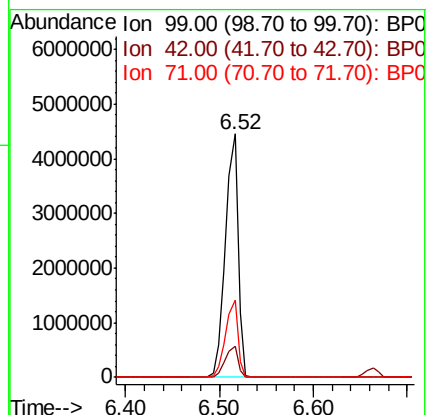
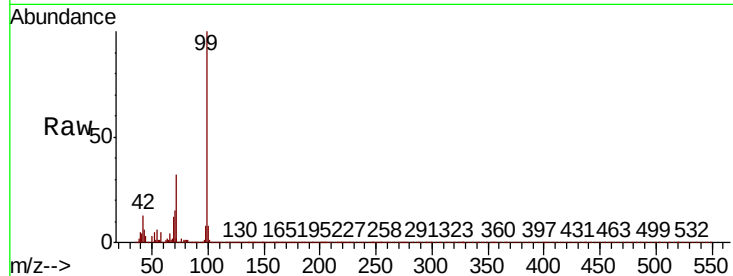
BNA_P

ClientSampleId :

MDL-W-BL01

Tot Ion: 99 Resp: 4229041

Ion	Ratio	Lower	Upper
99	100		
42	12.6	9.8	14.8
71	31.6	23.8	35.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

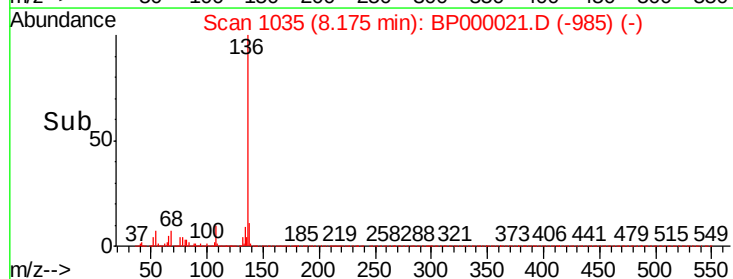
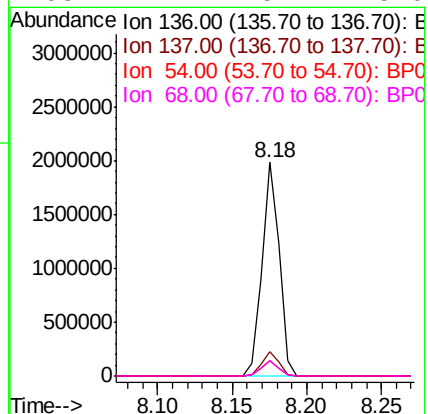
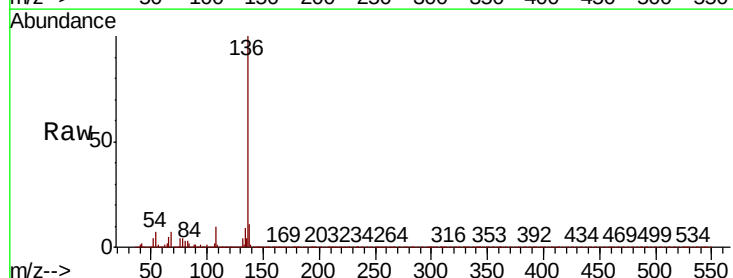
Delta R.T. -0.01 min

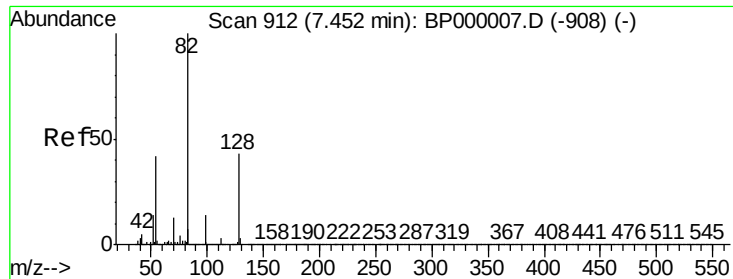
Lab File: BP000021.D

Acq: 31 Aug 2019 00:27

Tgt Ion: 136 Resp: 1546371

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.0	5.4	8.2
68	7.1	5.4	8.0



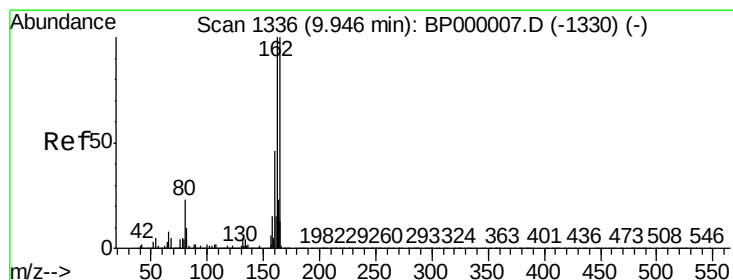
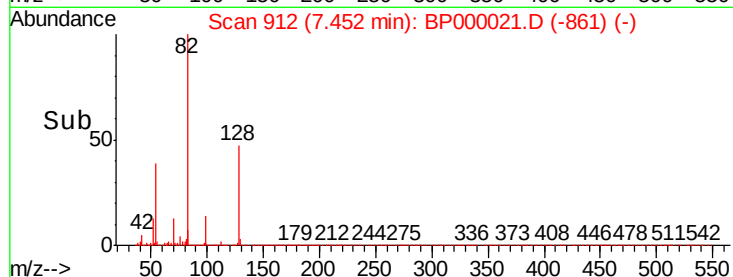
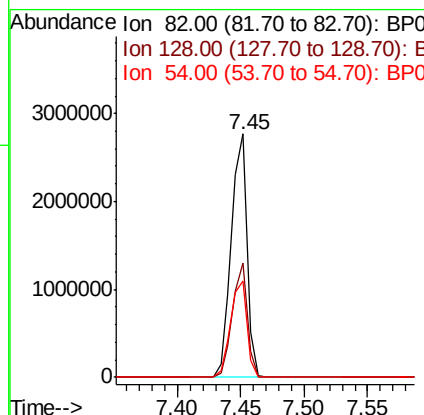
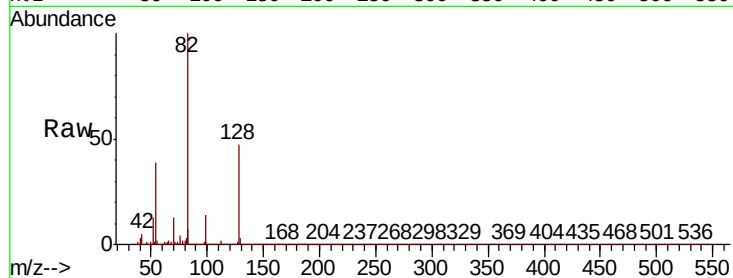


#23
 Nitrobenzene-d5
 Concen: 94.047 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BP000021.D
 Acq: 31 Aug 2019 00:27

Instrument :
 BNA_P
 ClientSampleId :
 MDL-W-BL01

Tot Ion: 82 Resp: 2370140

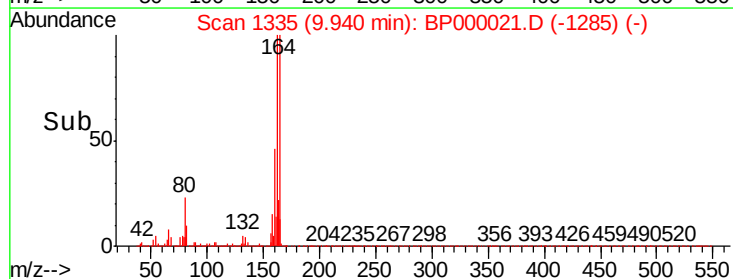
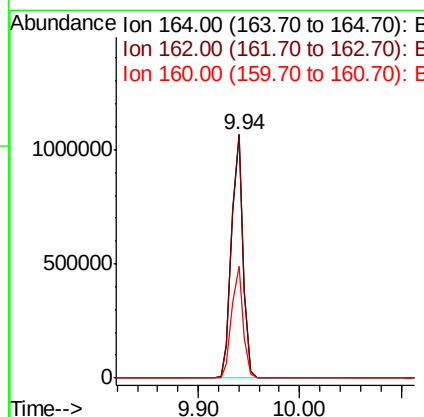
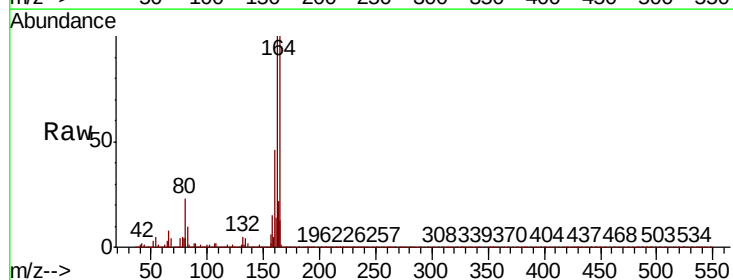
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.5	51.7
54	39.5	33.2	49.8

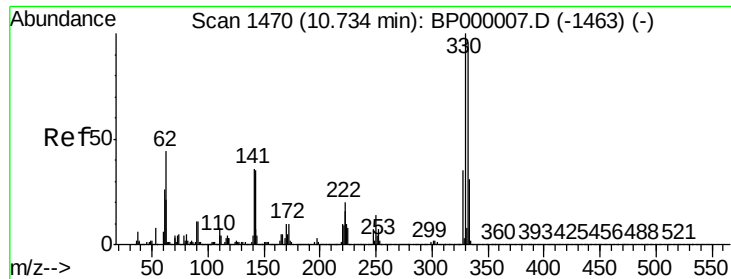


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BP000021.D
 Acq: 31 Aug 2019 00:27

Tgt Ion:164 Resp: 833752

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.4
160	45.8	36.6	55.0

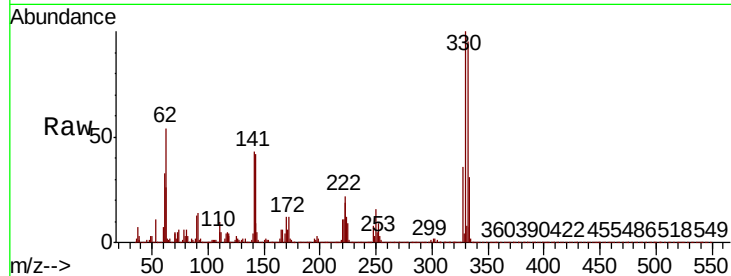




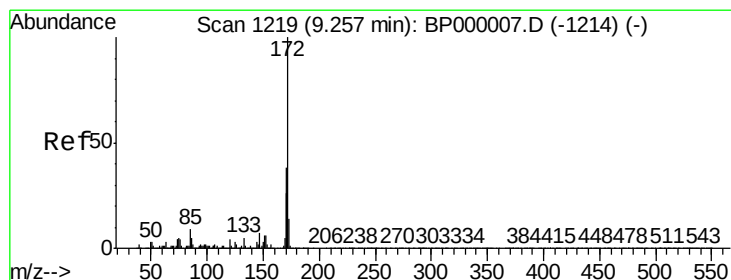
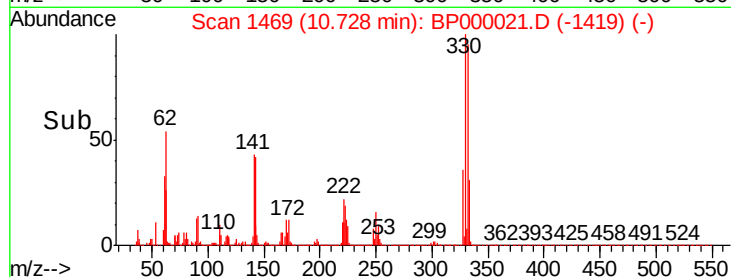
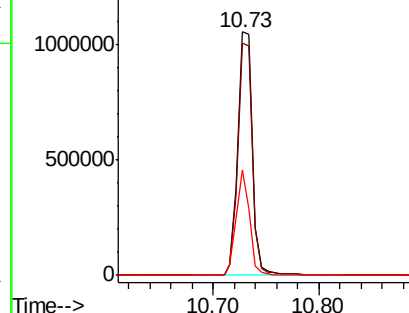
#42
2,4,6-Tribromophenol
Concen: 142.184 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000021.D
Acq: 31 Aug 2019 00:27

Instrument :
BNA_P
ClientSampleId :
MDL-W-BL01

Tot Ion:330 Resp: 999227
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 39.8 33.6 50.4

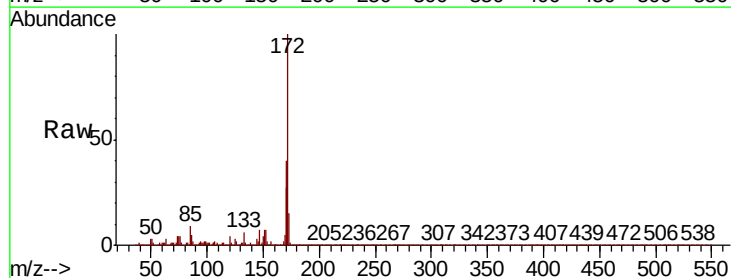


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

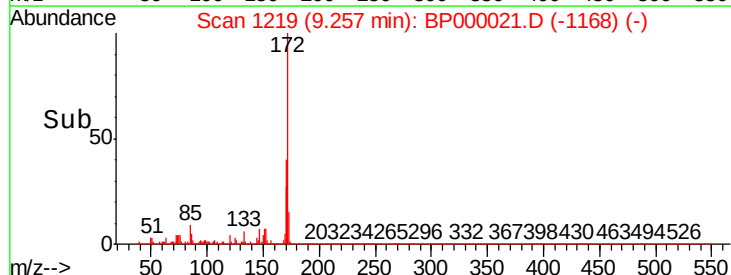
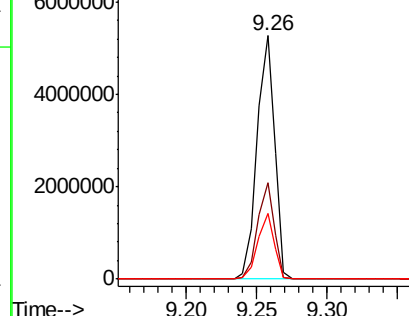


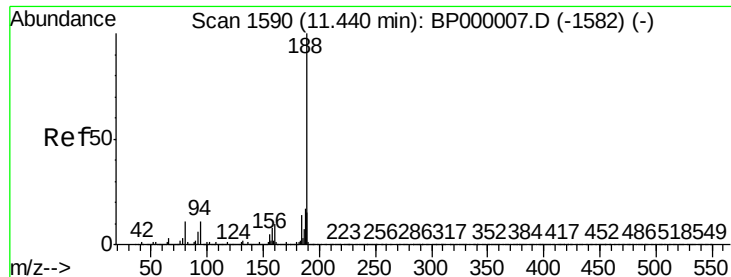
#45
2-Fluorobiphenyl
Concen: 92.865 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000021.D
Acq: 31 Aug 2019 00:27

Tgt Ion:172 Resp: 4636330
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: BP000021.D

Acq: 31 Aug 2019 00:27

Instrument :

BNA_P

ClientSampleId :

MDL-W-BL01

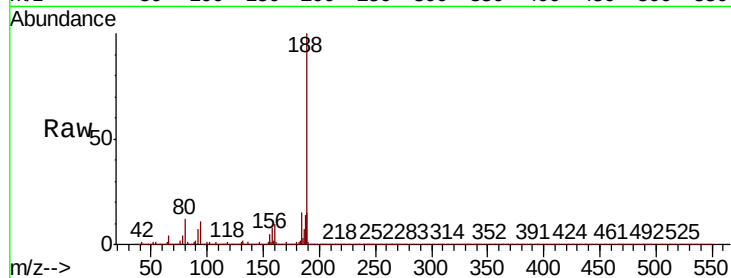
Tot Ion:188 Resp: 1522284

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.8	13.2
80	11.7	9.0	13.6

188 100

94 11.3 8.8 13.2

80 11.7 9.0 13.6

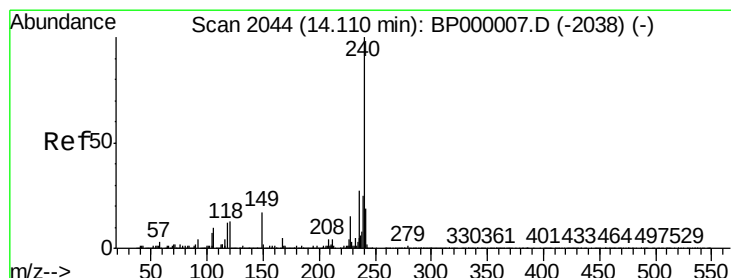
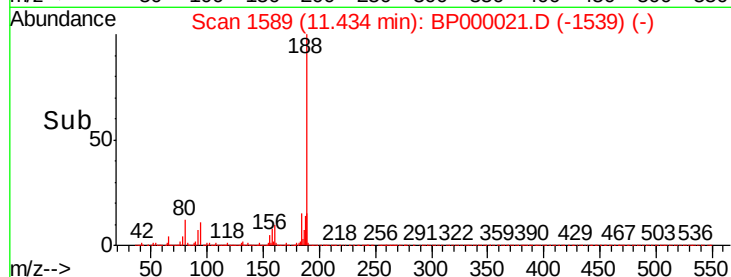
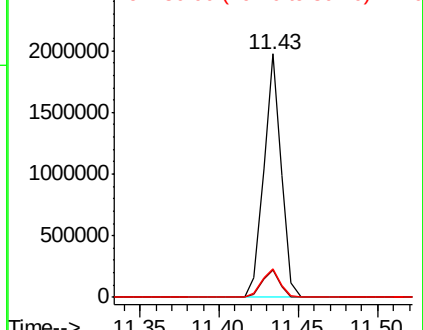


Abundance

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# 2042

Delta R.T. -0.01 min

Lab File: BP000021.D

Acq: 31 Aug 2019 00:27

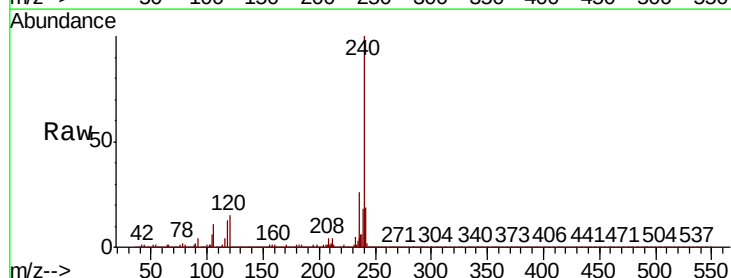
Tgt Ion:240 Resp: 1202455

Ion	Ratio	Lower	Upper
240	100		
120	14.6	10.5	15.7
236	26.0	21.5	32.3

240 100

120 14.6 10.5 15.7

236 26.0 21.5 32.3

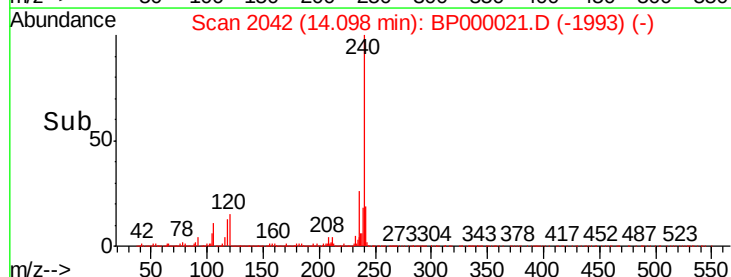
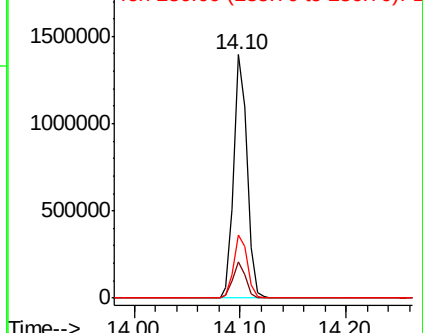


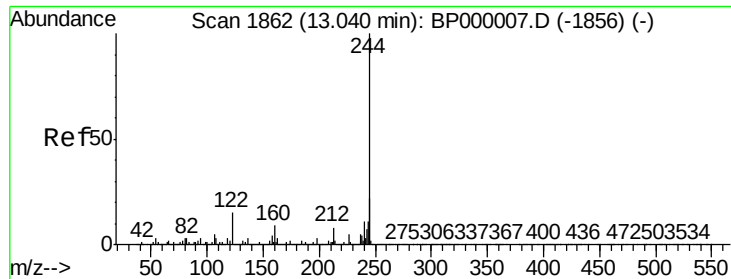
Abundance

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: 93.132 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000021.D

Acq: 31 Aug 2019 00:27

Instrument :

BNA_P

ClientSampleId :

MDL-W-BL01

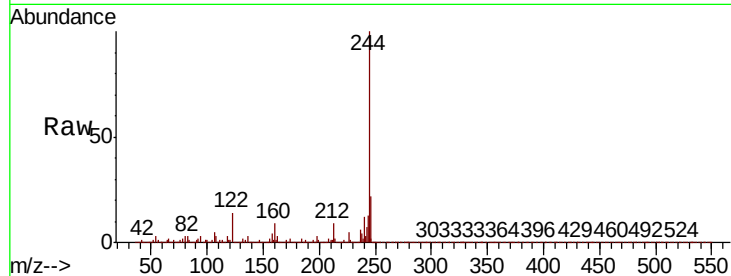
Tot Ion:244 Resp: 5137919

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

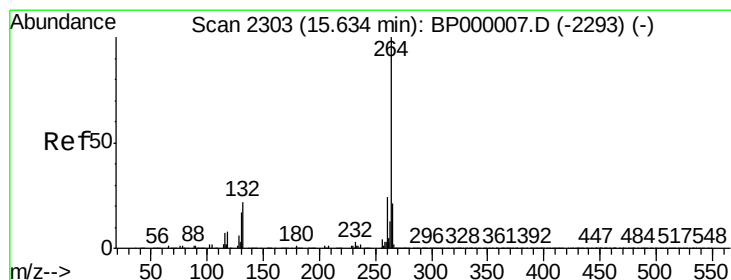
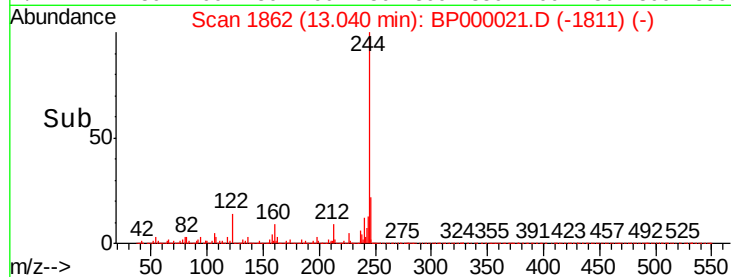
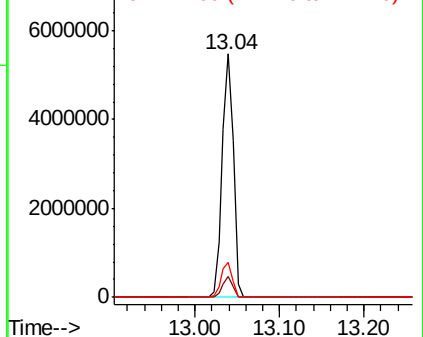
122 14.5 12.3 18.5



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: BP000021.D

Acq: 31 Aug 2019 00:27

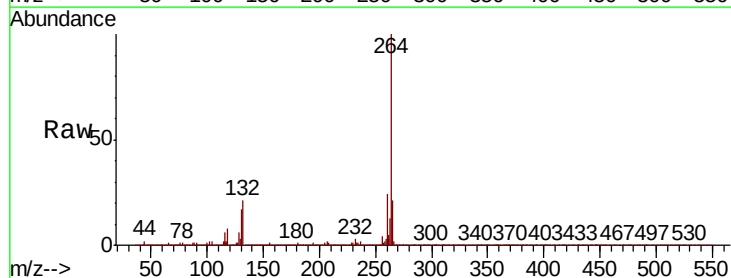
Tgt Ion:264 Resp: 1254067

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.1 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

