

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000023.D
 Acq On : 31 Aug 2019 01:17
 Operator : HP/JU
 Sample : MDL-W-BL02
 Misc : 4PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-W-BL02

Quant Time: Aug 31 03:55:10 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	473688	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1696119	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	918176	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1596247	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1224789	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1228313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	4305169	144.93	ng	0.01
7) Phenol-d6	6.52	99	5386634	143.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	3015610	109.09	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1255707	162.25	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	5569553	101.30	ng	0.00
79) Terphenyl-d14	13.04	244	5893959	104.89	ng	0.00

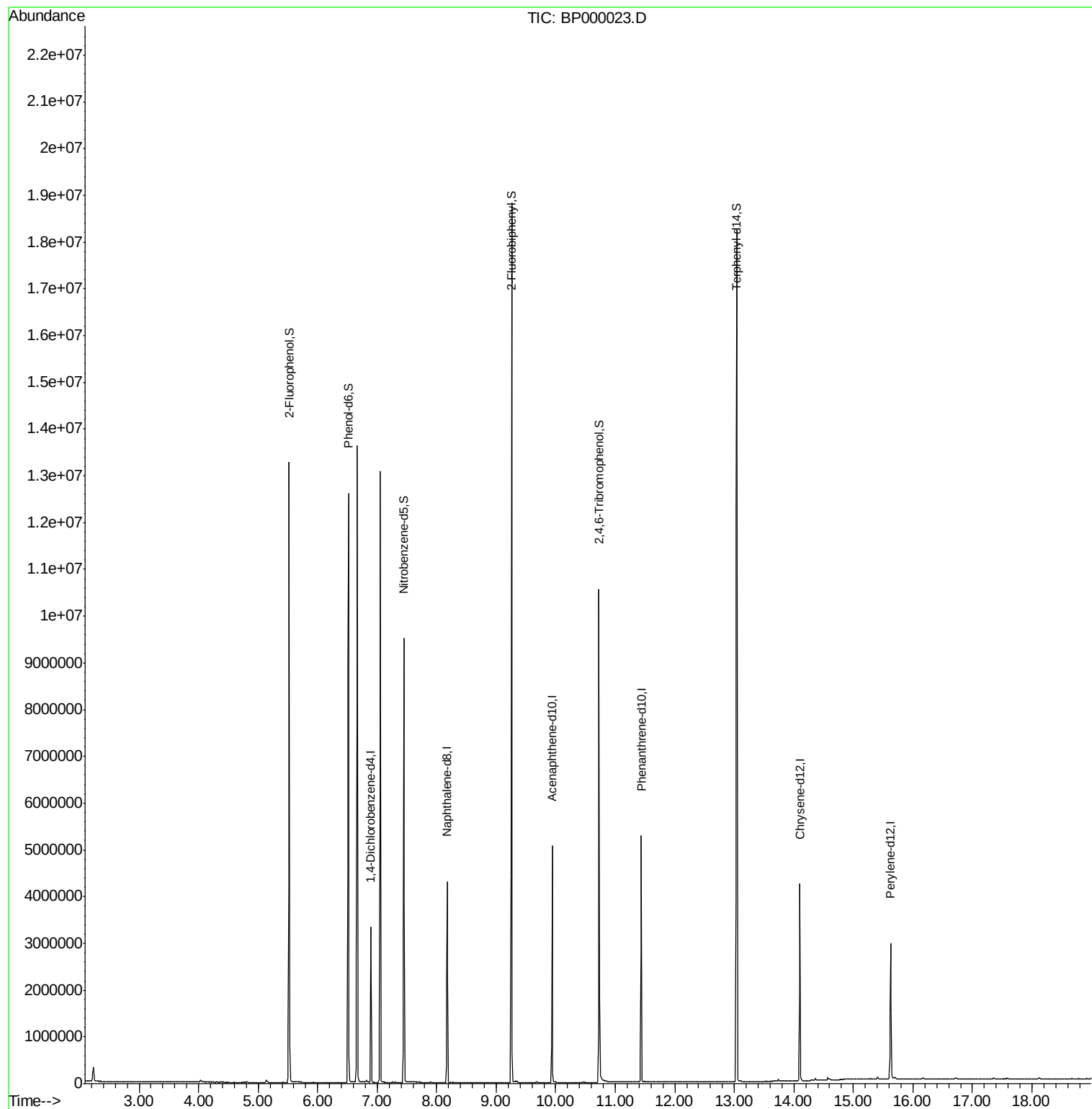
Target Compounds Qvalue

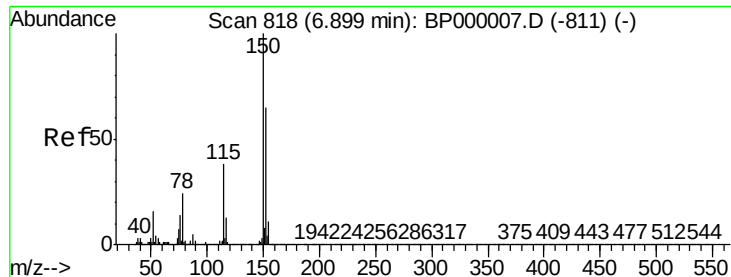
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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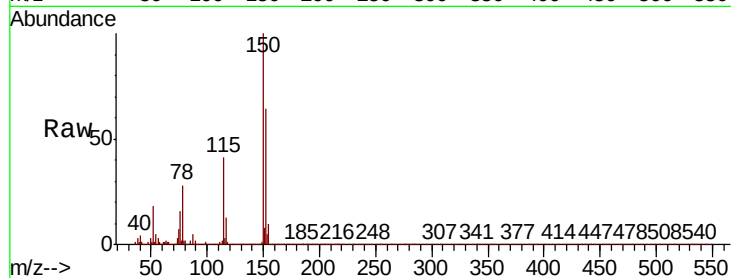


#1

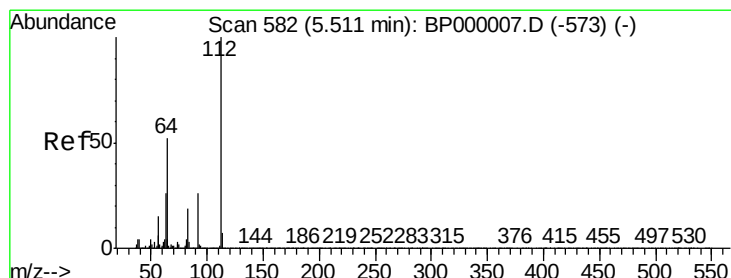
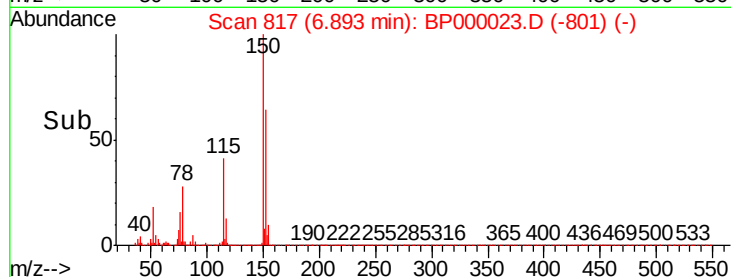
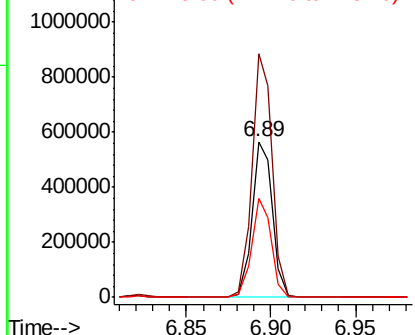
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 01:17

Instrument :
BNA_P
ClientSampleId :
MDL-W-BL02

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.0	184.6
115	63.5	46.7	70.1



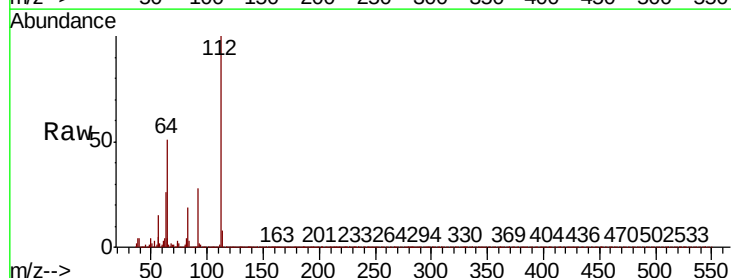
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



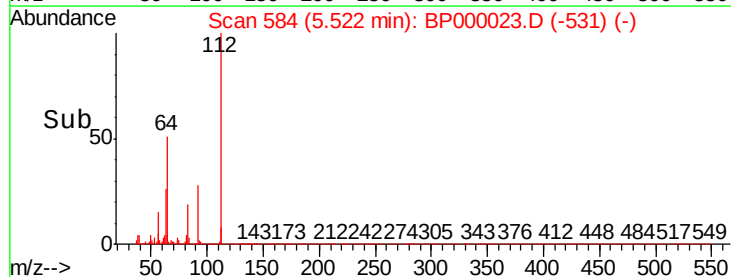
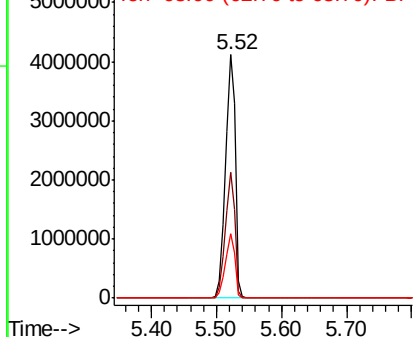
#5

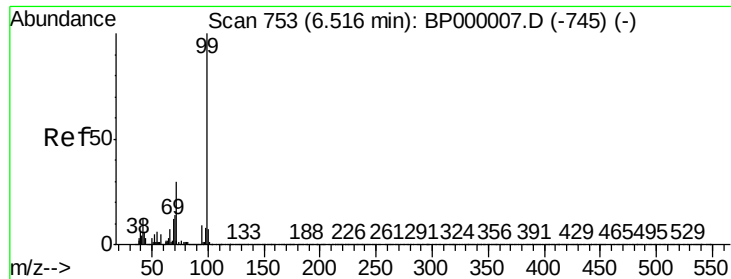
2-Fluorophenol
Concen: 144.929 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 01:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.8	62.8
63	26.4	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: 143.642 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 01:17

Instrument :

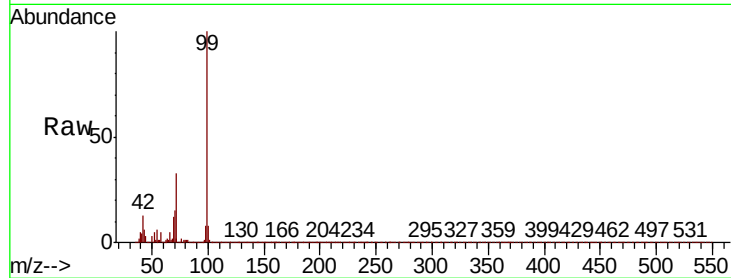
BNA_P

ClientSampleId :

MDL-W-BL02

Tot Ion: 99 Resp: 5386634

Ion	Ratio	Lower	Upper
99	100		
42	13.0	9.8	14.8
71	32.6	23.8	35.8

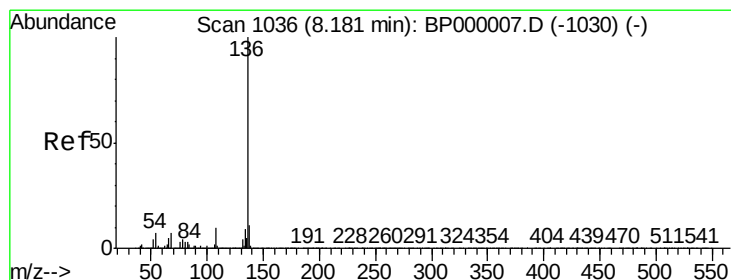
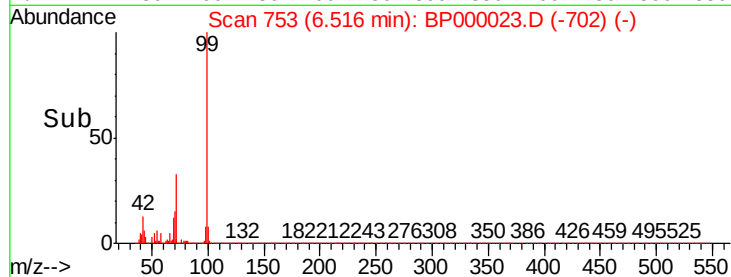
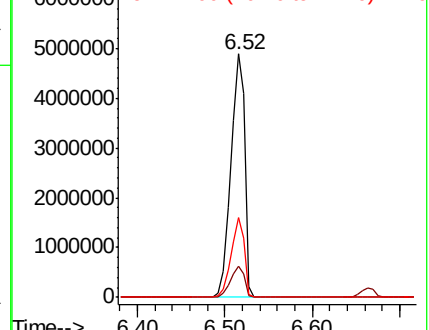


Abundance

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

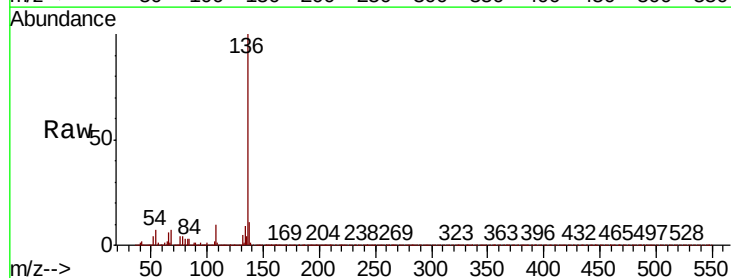
Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 01:17

Tgt Ion: 136 Resp: 1696119

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.4	5.4	8.2
68	7.2	5.4	8.0



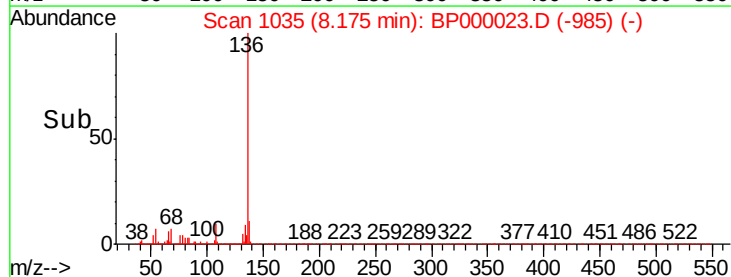
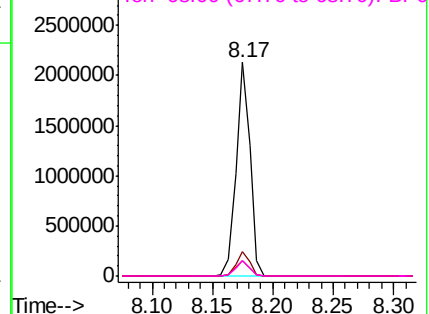
Abundance

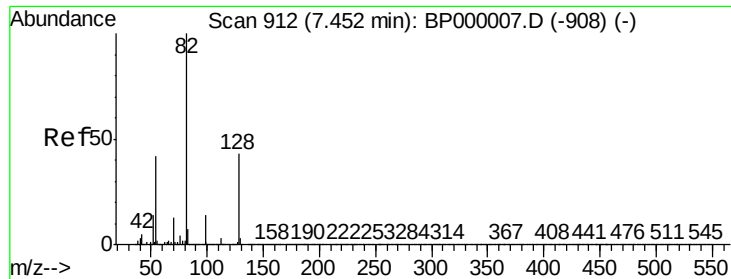
Ion 136.00 (135.70 to 136.70): E

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



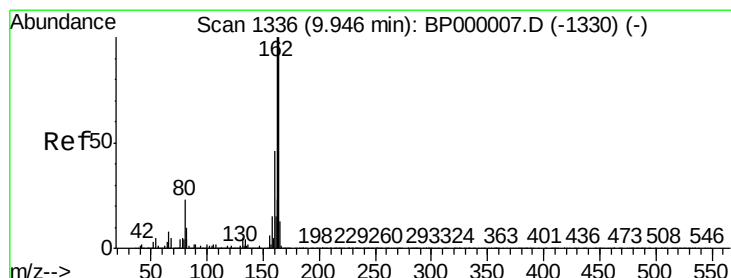
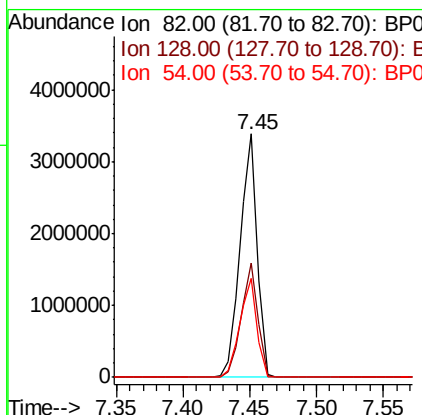
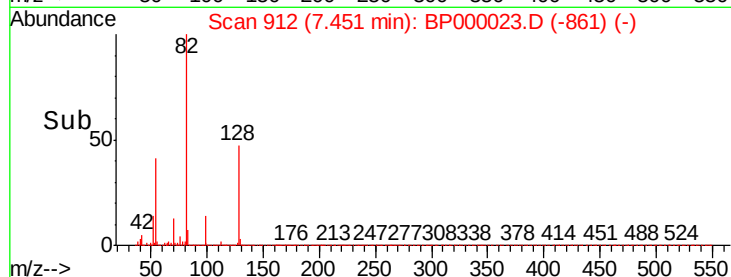
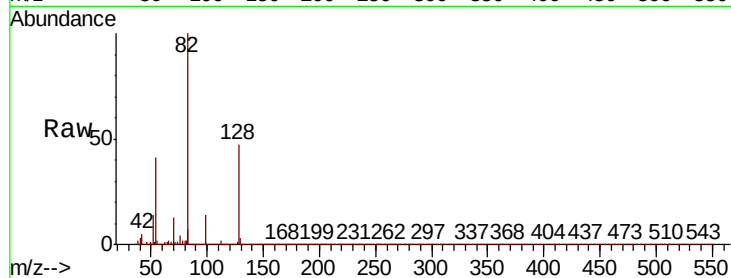


#23
 Nitrobenzene-d5
 Concen: 109.095 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 01:17

Instrument :
 BNA_P
 ClientSampleId :
 MDL-W-BL02

Tot Ion: 82 Resp: 3015610

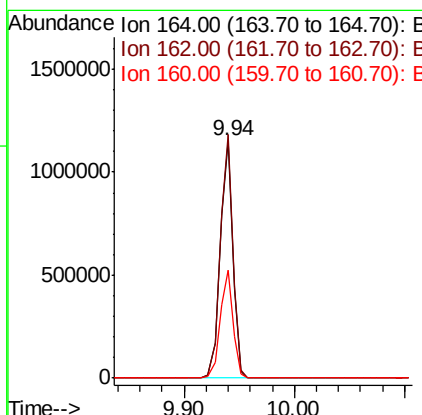
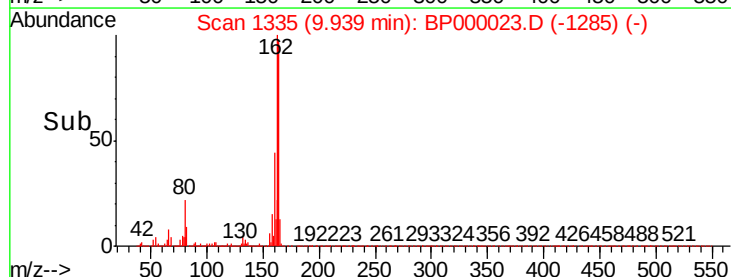
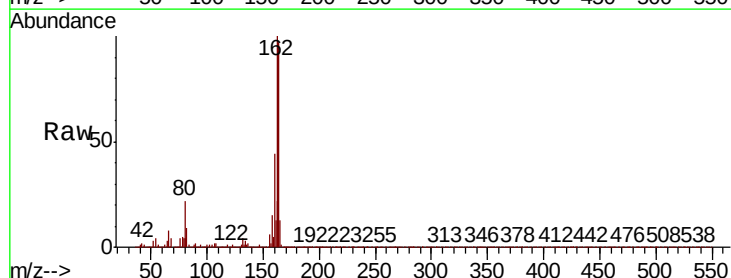
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.5	51.7
54	40.5	33.2	49.8

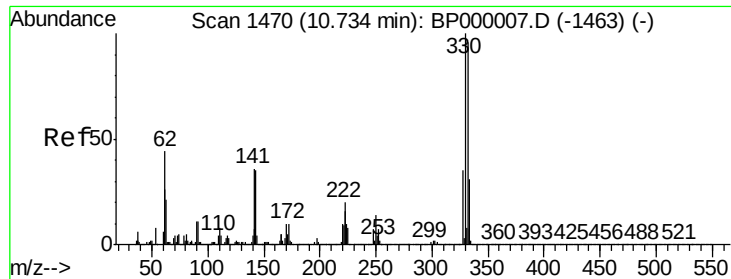


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 01:17

Tgt Ion:164 Resp: 918176

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.4
160	45.6	36.6	55.0

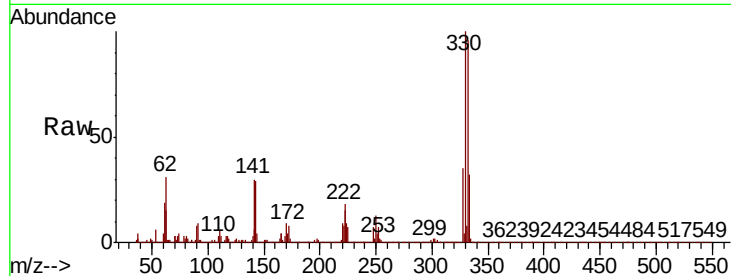




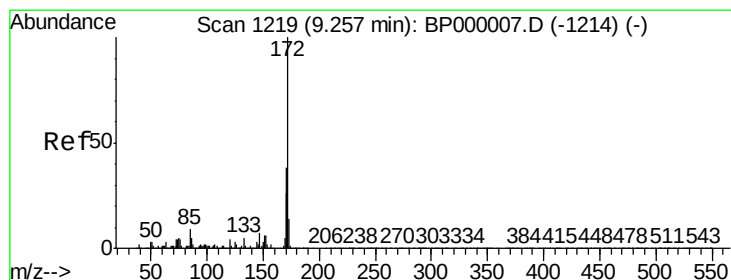
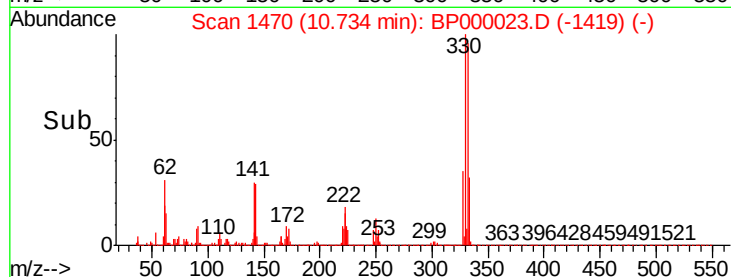
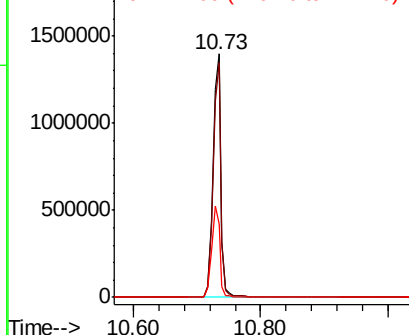
#42
2,4,6-Tribromophenol
Concen: 162.251 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 01:17

Instrument :
BNA_P
ClientSampleId :
MDL-W-BL02

Tot Ion:330 Resp: 1255707
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 39.1 33.6 50.4

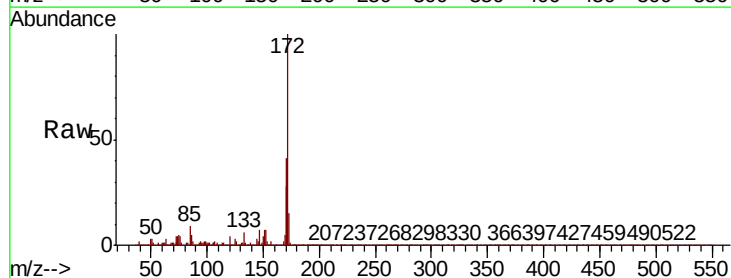


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

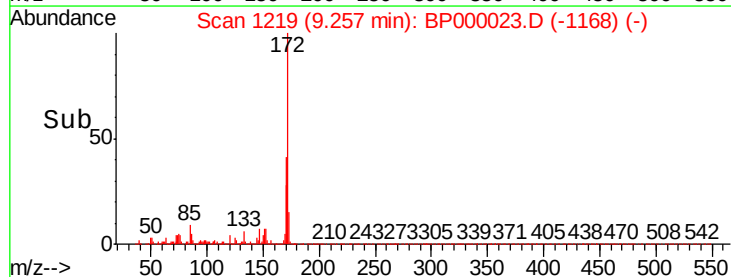
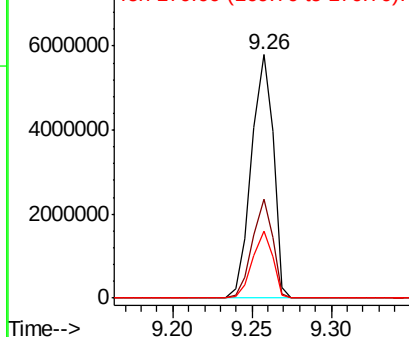


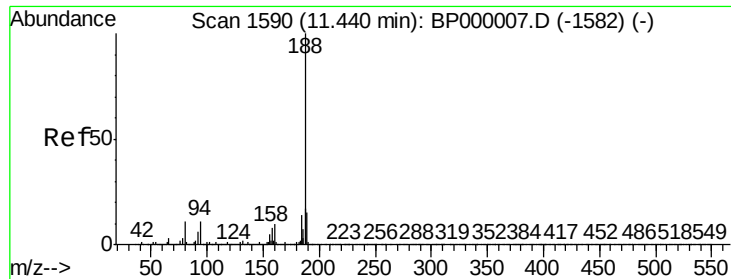
#45
2-Fluorobiphenyl
Concen: 101.300 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 01:17

Tgt Ion:172 Resp: 5569553
Ion Ratio Lower Upper
172 100
171 40.6 30.7 46.1
170 27.6 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

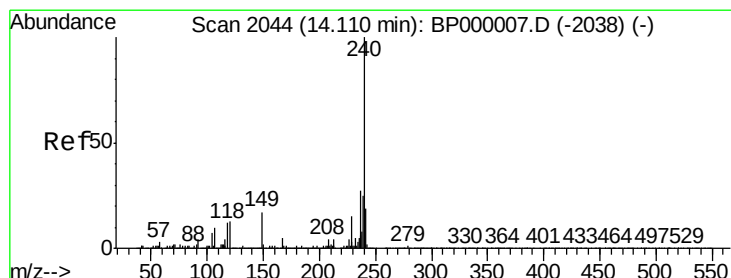
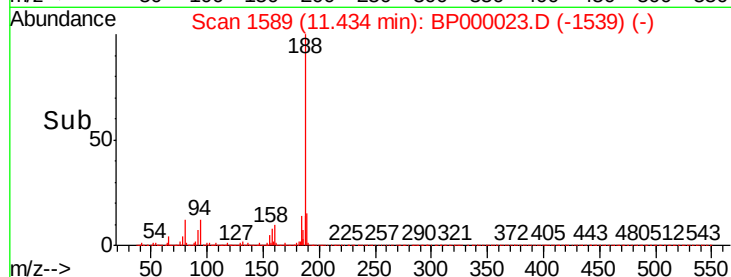
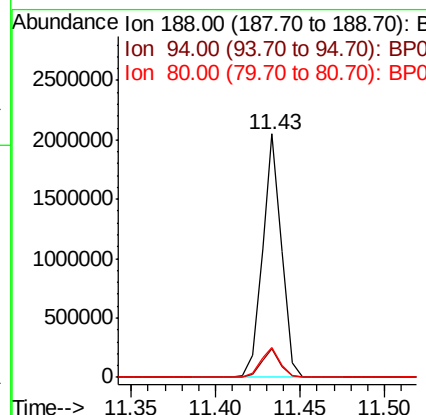
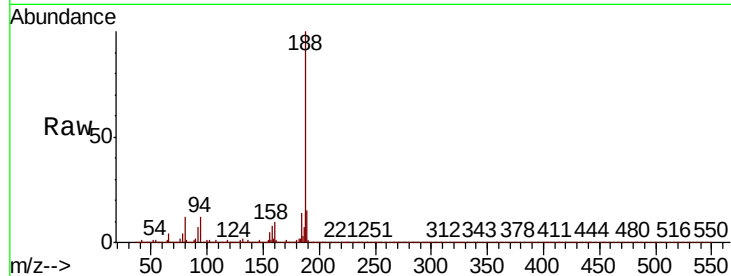




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 01:17

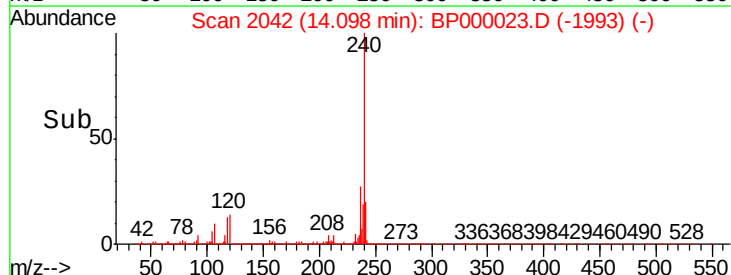
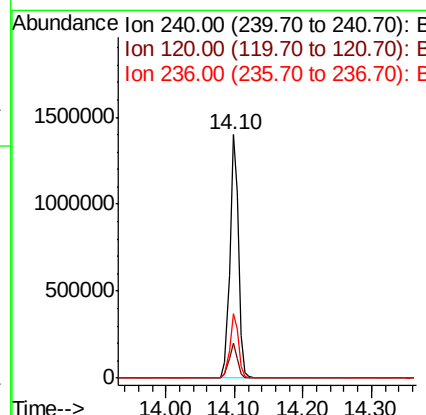
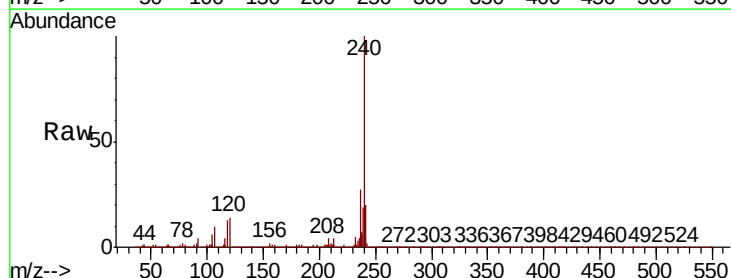
Instrument :
BNA_P
ClientSampleId :
MDL-W-BL02

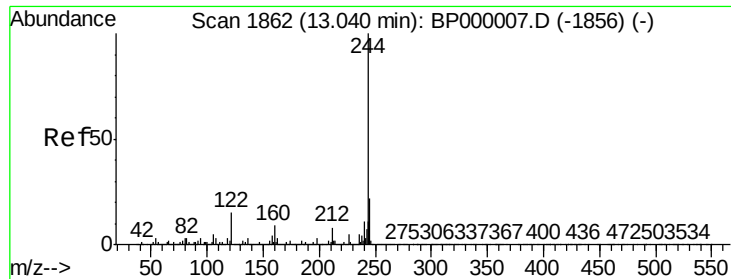
Tot Ion:188 Resp: 1596247
Ion Ratio Lower Upper
188 100
94 11.6 8.8 13.2
80 12.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 01:17

Tgt Ion:240 Resp: 1224789
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 26.6 21.5 32.3



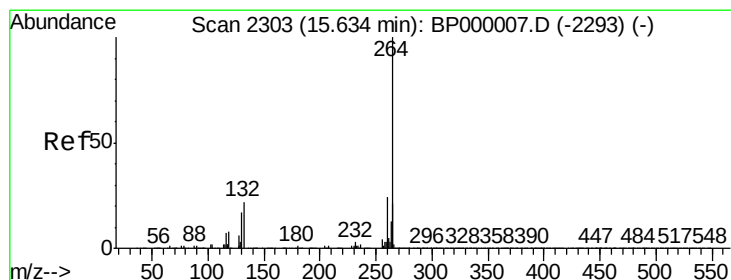
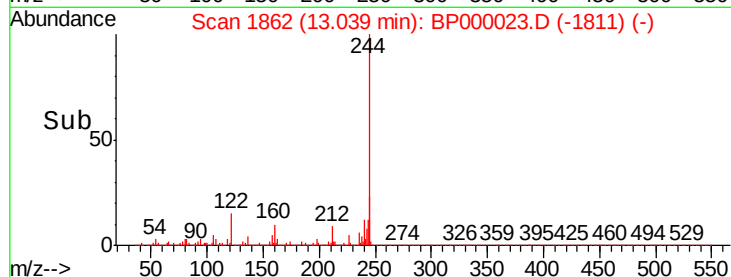
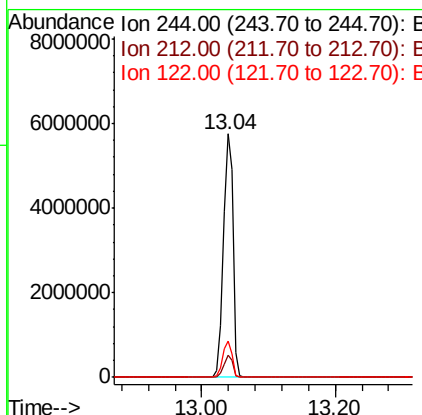
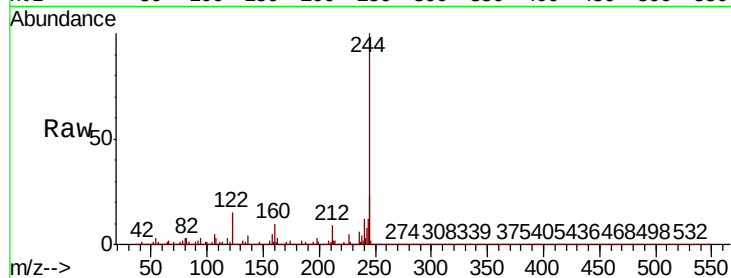


#79
 Terphenyl-d14
 Concen: 104.888 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 01:17

Instrument :
 BNA_P
 ClientSampleId :
 MDL-W-BL02

Tot Ion:244 Resp: 5893959

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.6	10.0
122	15.0	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: BP000023.D
 Acq: 31 Aug 2019 01:17

Tgt Ion:264 Resp: 1228313

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	21.6	17.1	25.7

