

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008269.D
 Acq On : 08 Dec 2021 01:43
 Operator : CG/JU
 Sample : M4918-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-39DL

Quant Time: Dec 08 02:41:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

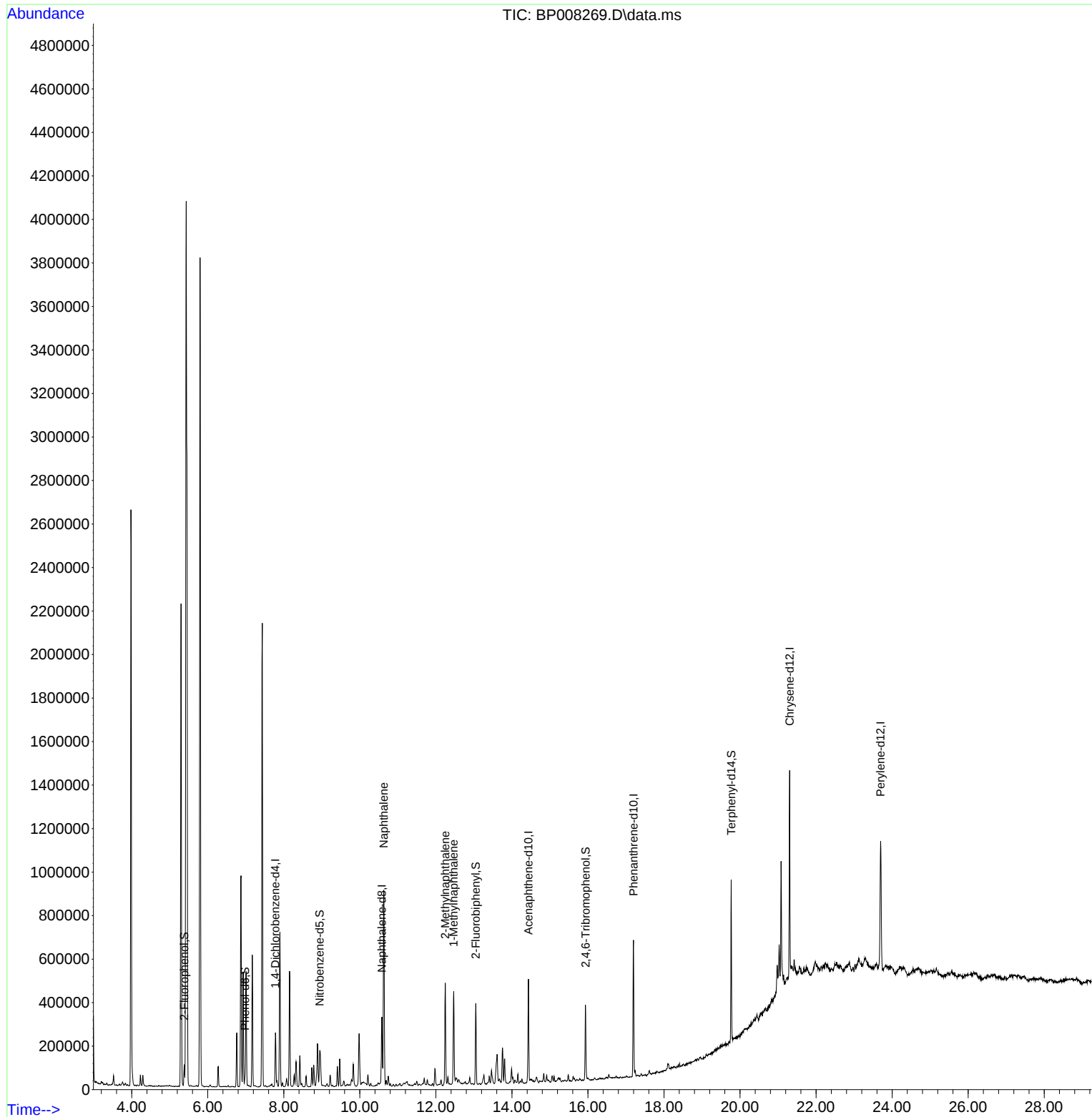
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	63489	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	237049	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	156666	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	376735	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	437053	20.000	ng	-0.01
86) Perylene-d12	23.698	264	480058	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	39369	9.984	ng	0.00
7) Phenol-d6	6.981	99	27276	5.124	ng	0.00
23) Nitrobenzene-d5	8.946	82	84022	16.118	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	65697	32.808	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	188872	17.511	ng	-0.02
79) Terphenyl-d14	19.769	244	323731	15.480	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.634	128	671079	55.263	ng	100
37) 2-Methylnaphthalene	12.245	142	212585	24.752	ng	99
38) 1-Methylnaphthalene	12.469	142	157007	18.781	ng	98

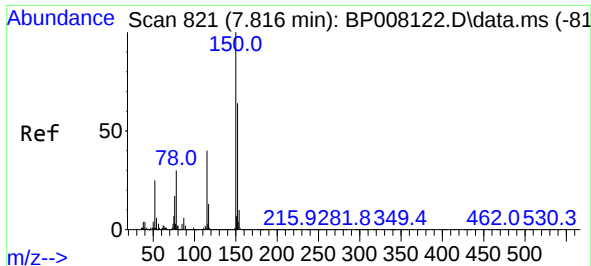
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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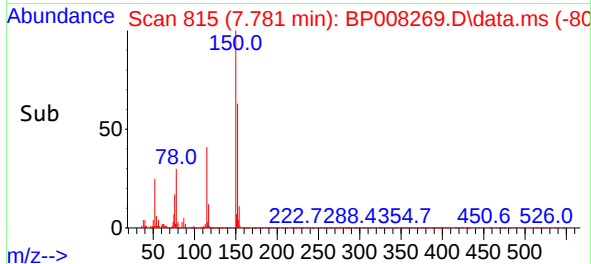
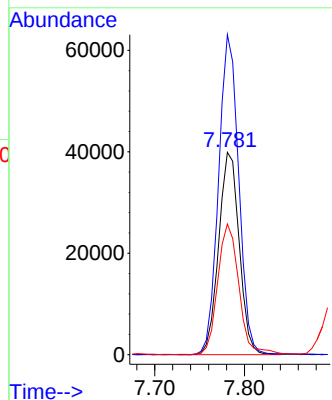
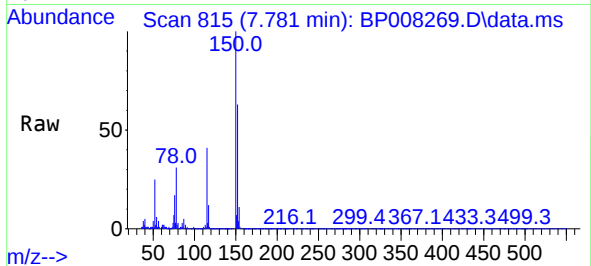




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

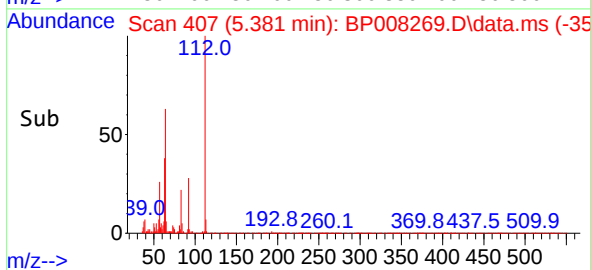
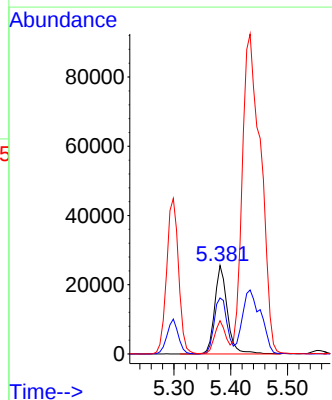
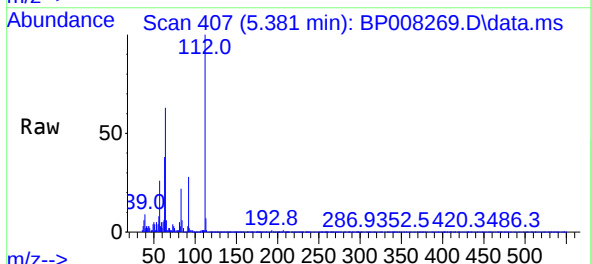
Instrument :
BNA_P
ClientSampleId :
MW-39DL

Tgt Ion:152 Resp: 63489
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 64.6 50.7 76.1



#5
2-Fluorophenol
Concen: 9.984 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Tgt Ion:112 Resp: 39369
Ion Ratio Lower Upper
112 100
64 63.2 53.4 80.2
63 37.5 27.8 41.8

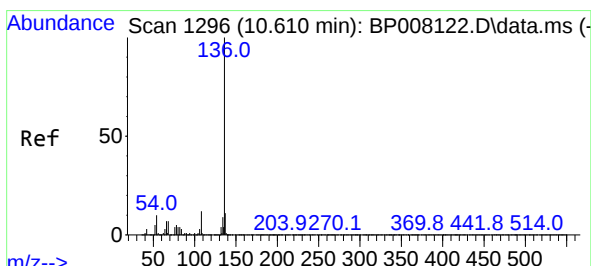
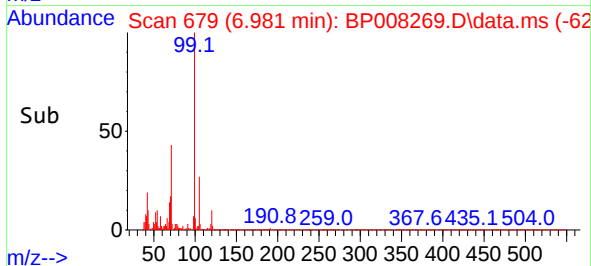
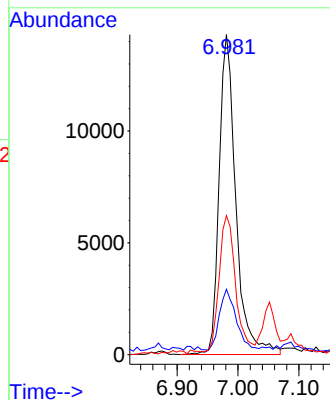
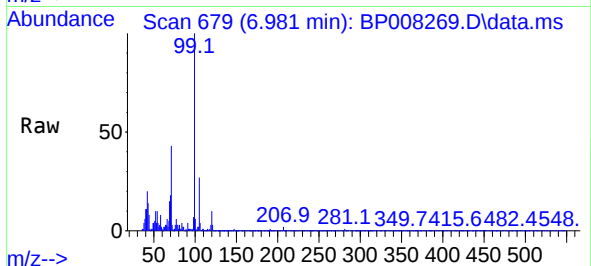




#7
Phenol-d6
Concen: 5.124 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

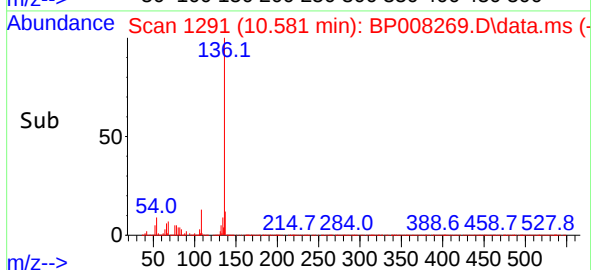
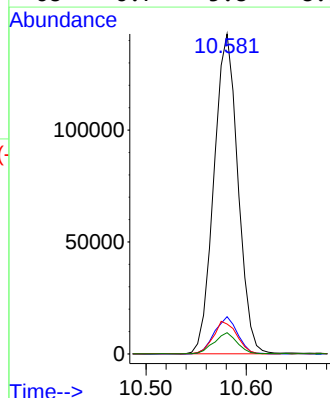
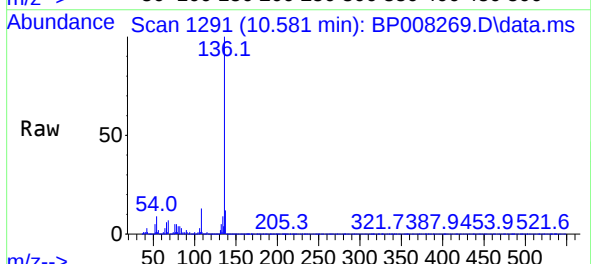
Instrument :
BNA_P
ClientSampleId :
MW-39DL

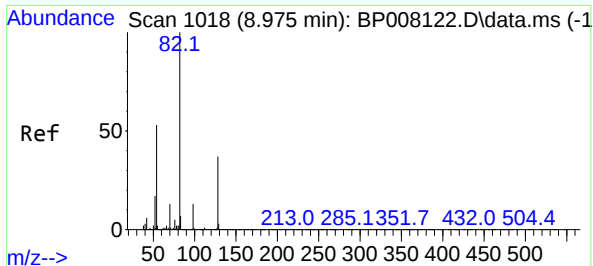
Tgt Ion: 99 Resp: 27276
Ion Ratio Lower Upper
99 100
42 20.4 14.6 22.0
71 43.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Tgt Ion: 136 Resp: 237049
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.4 8.2 12.4
68 6.7 5.8 8.8

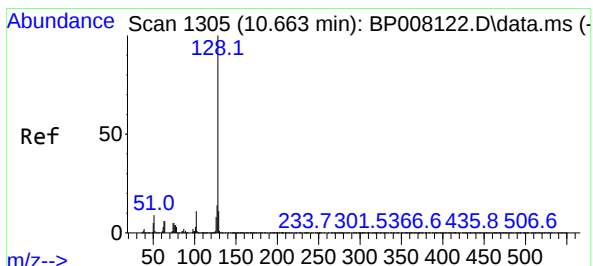
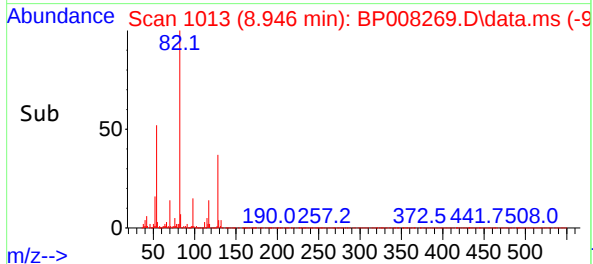
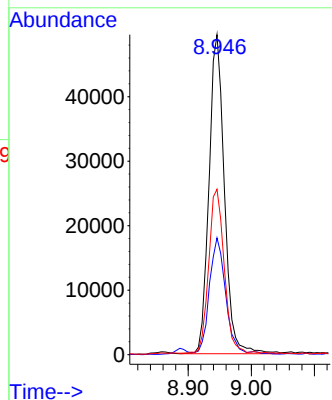
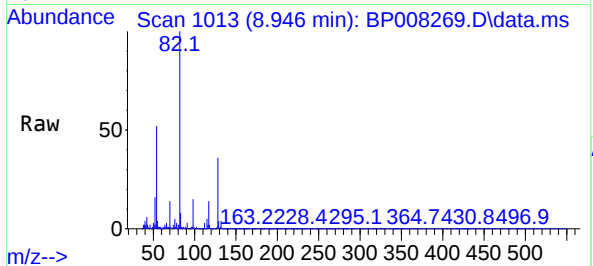




#23
Nitrobenzene-d5
Concen: 16.118 ng
RT: 8.946 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

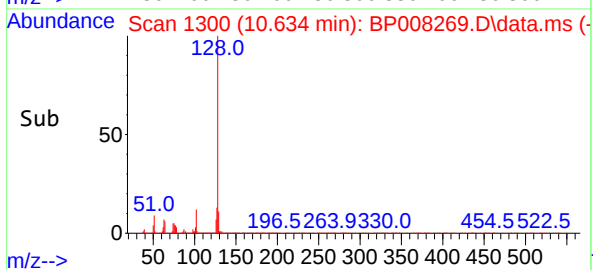
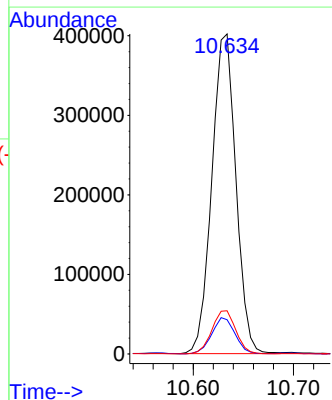
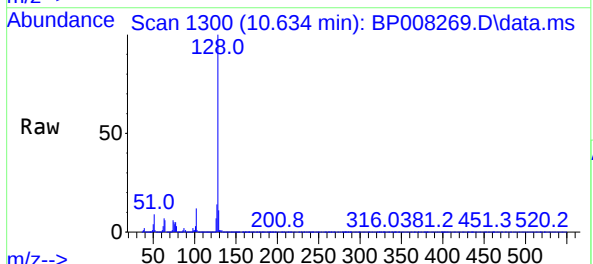
Instrument :
BNA_P
ClientSampleId :
MW-39DL

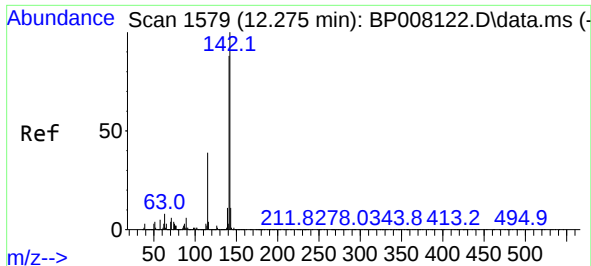
Tgt Ion: 82 Resp: 84022
Ion Ratio Lower Upper
82 100
128 36.5 29.6 44.4
54 51.7 42.7 64.1



#31
Naphthalene
Concen: 55.263 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Tgt Ion: 128 Resp: 671079
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.5 10.9 16.3

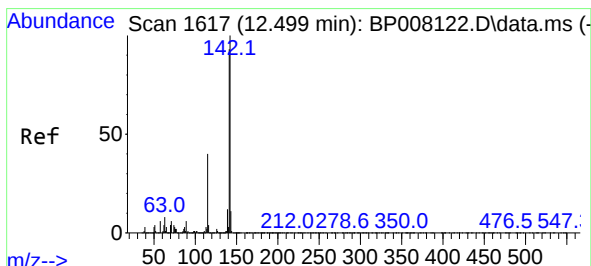
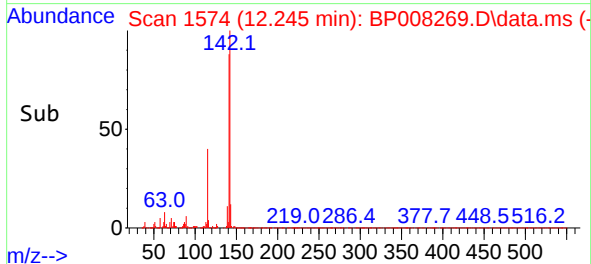
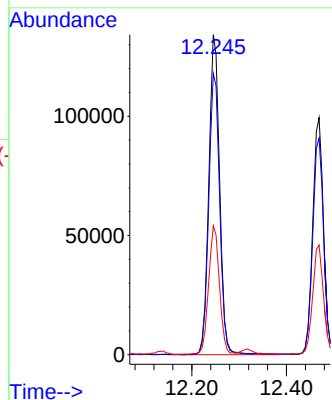
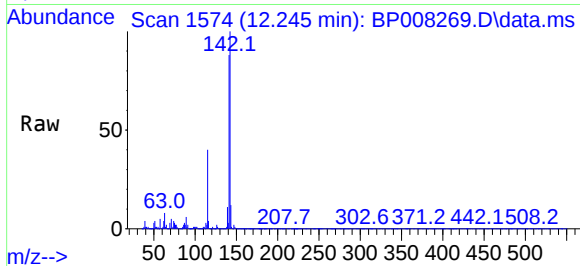




#37
2-Methylnaphthalene
Concen: 24.752 ng
RT: 12.245 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

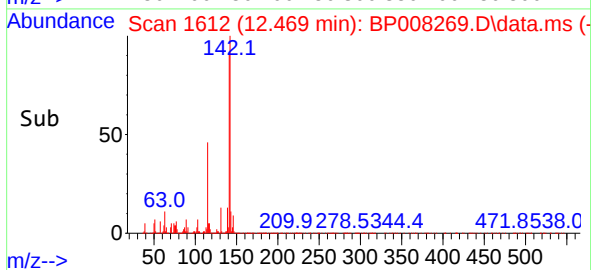
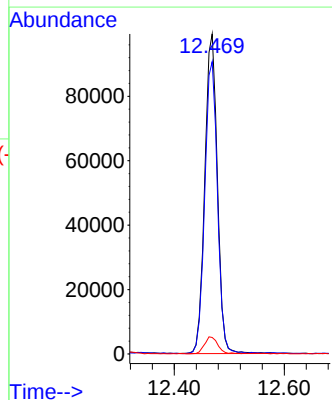
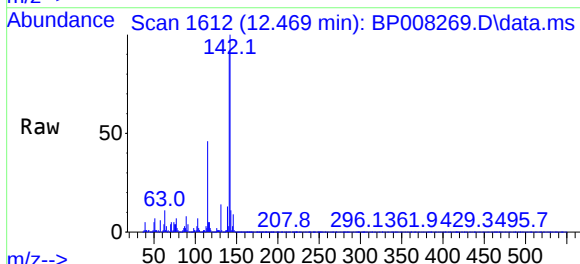
Instrument :
BNA_P
ClientSampleId :
MW-39DL

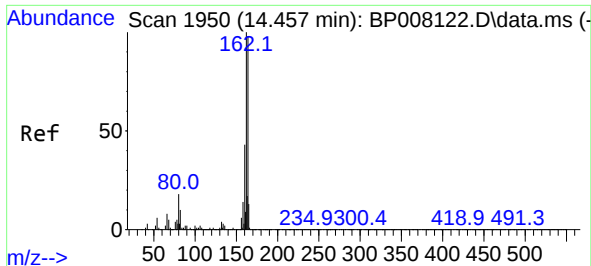
Tgt Ion:142 Resp: 212585
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1
115 40.3 30.9 46.3



#38
1-Methylnaphthalene
Concen: 18.781 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

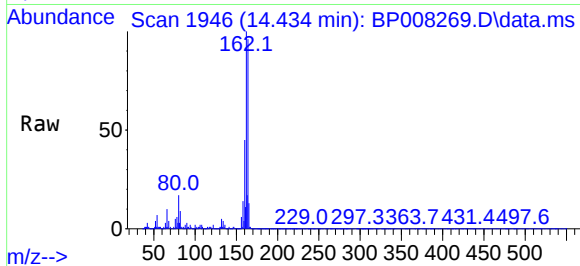
Tgt Ion:142 Resp: 157007
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 5.1 3.4 5.2



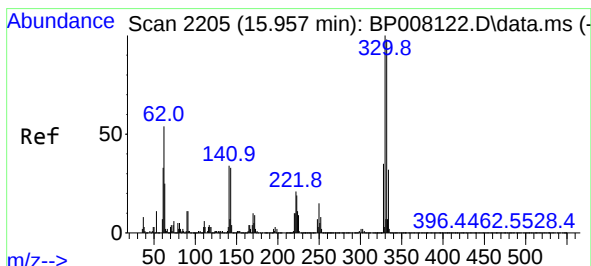
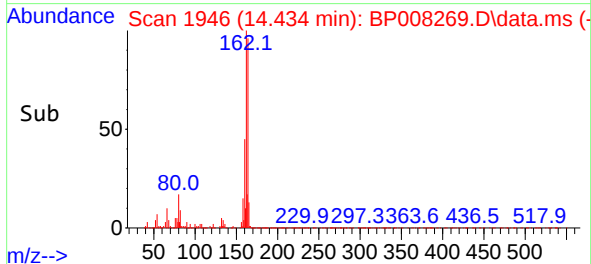
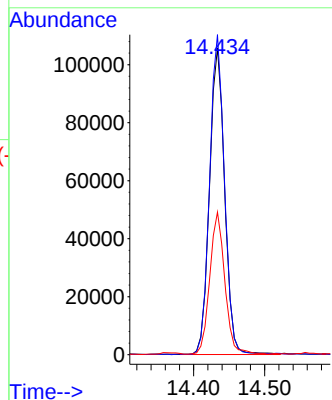


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Instrument :
BNA_P
ClientSampleId :
MW-39DL

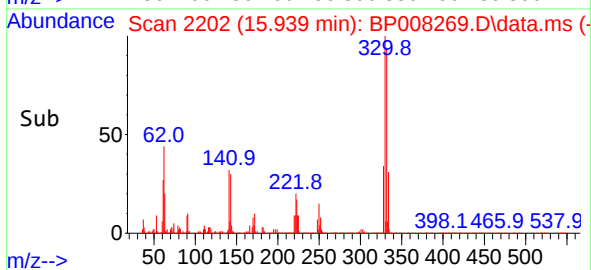
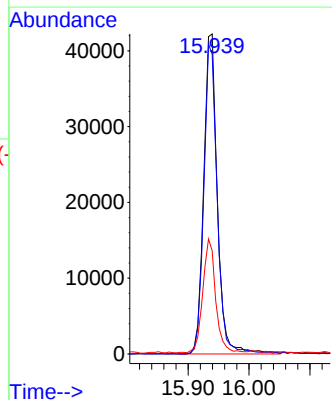
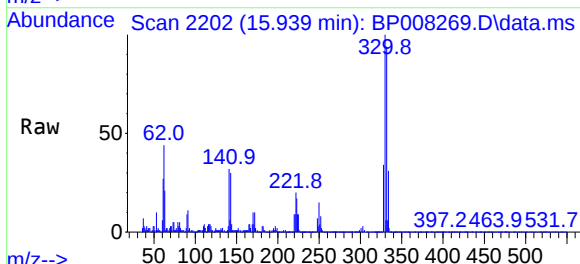


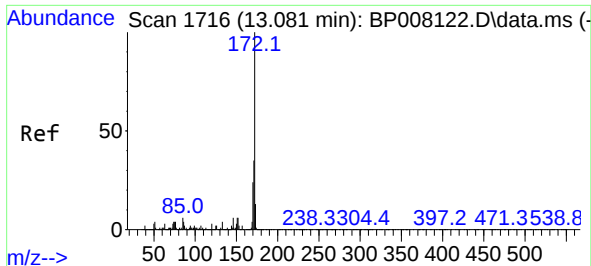
Tgt Ion:164 Resp: 156666
Ion Ratio Lower Upper
164 100
162 104.3 81.9 122.9
160 46.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 32.808 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Tgt Ion:330 Resp: 65697
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 33.8 28.4 42.6

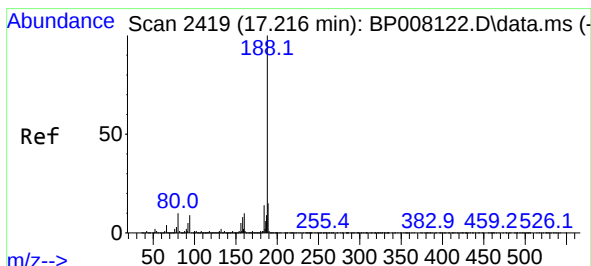
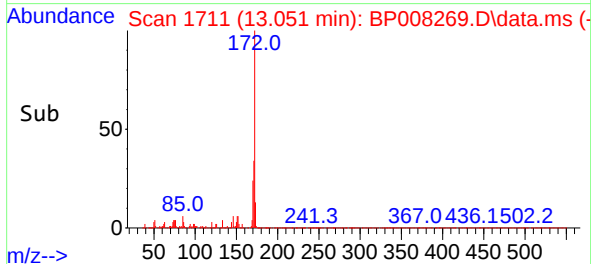
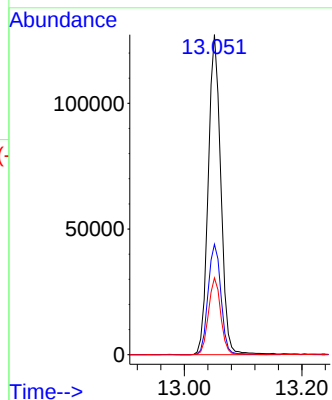
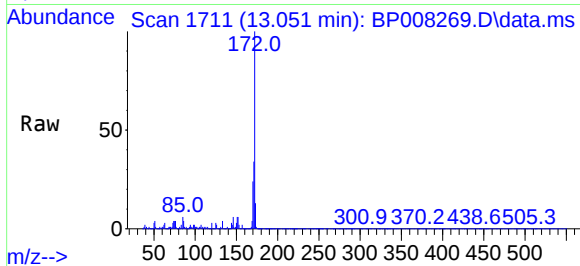




#45
2-Fluorobiphenyl
Concen: 17.511 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

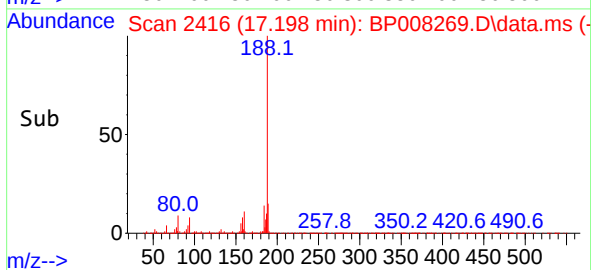
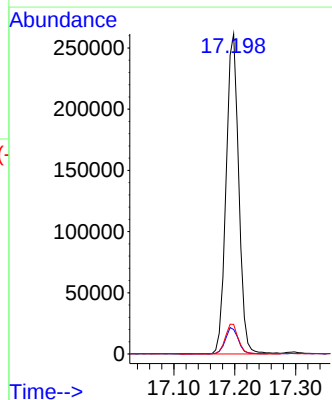
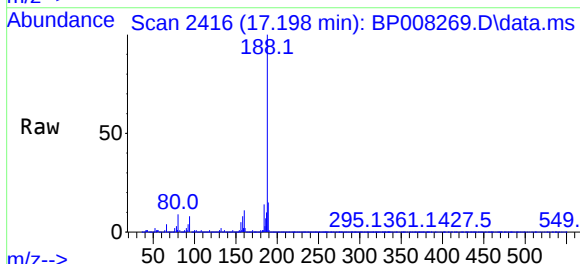
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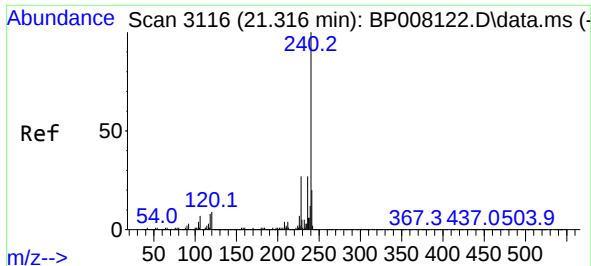
Tgt Ion:172 Resp: 188872
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 24.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Tgt Ion:188 Resp: 376735
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 9.2 8.2 12.4

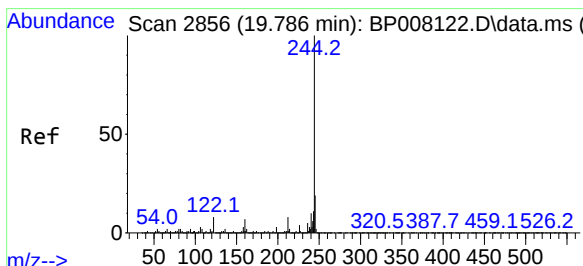
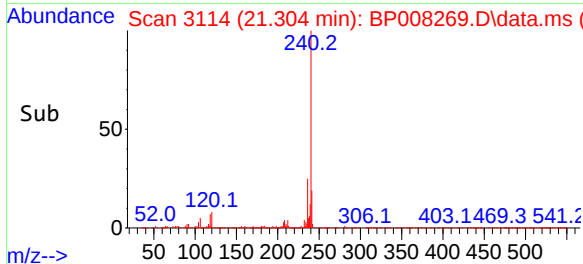
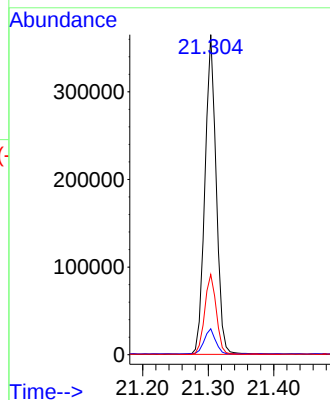
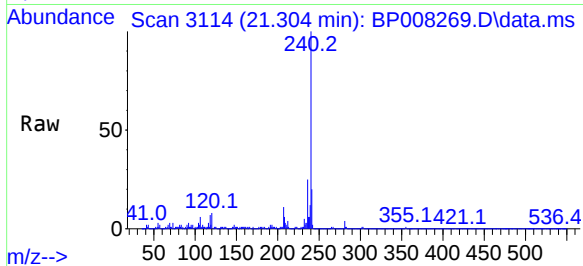




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

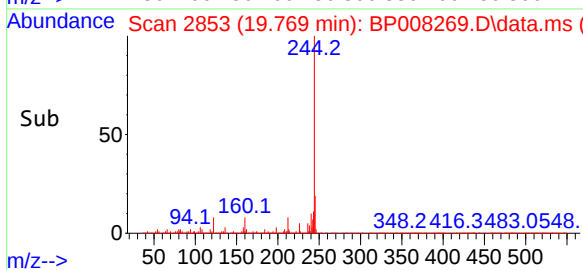
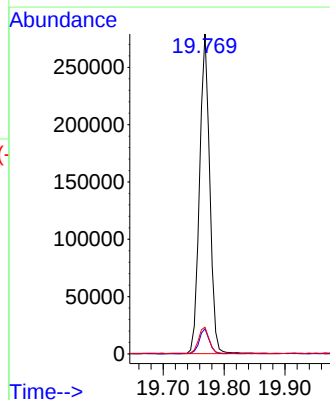
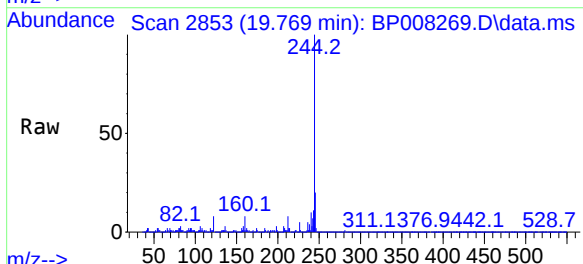
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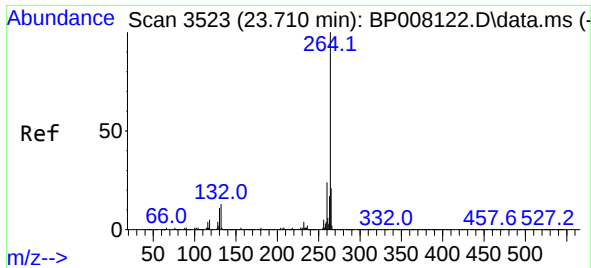
Tgt Ion:240 Resp: 437053
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 25.0 21.4 32.2



#79
Terphenyl-d14
Concen: 15.480 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008269.D
Acq: 08 Dec 2021 01:43

Tgt Ion:244 Resp: 323731
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 8.3 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008269.D
 Acq: 08 Dec 2021 01:43

Instrument :
 BNA_P
 ClientSampleId :
 MW-39DL

Tgt Ion:264 Resp: 480058
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.1 17.6 26.4

