

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008484.D
 Acq On : 17 Dec 2021 22:25
 Operator : CG/JU
 Sample : M5039-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-29

Quant Time: Dec 18 07:42:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

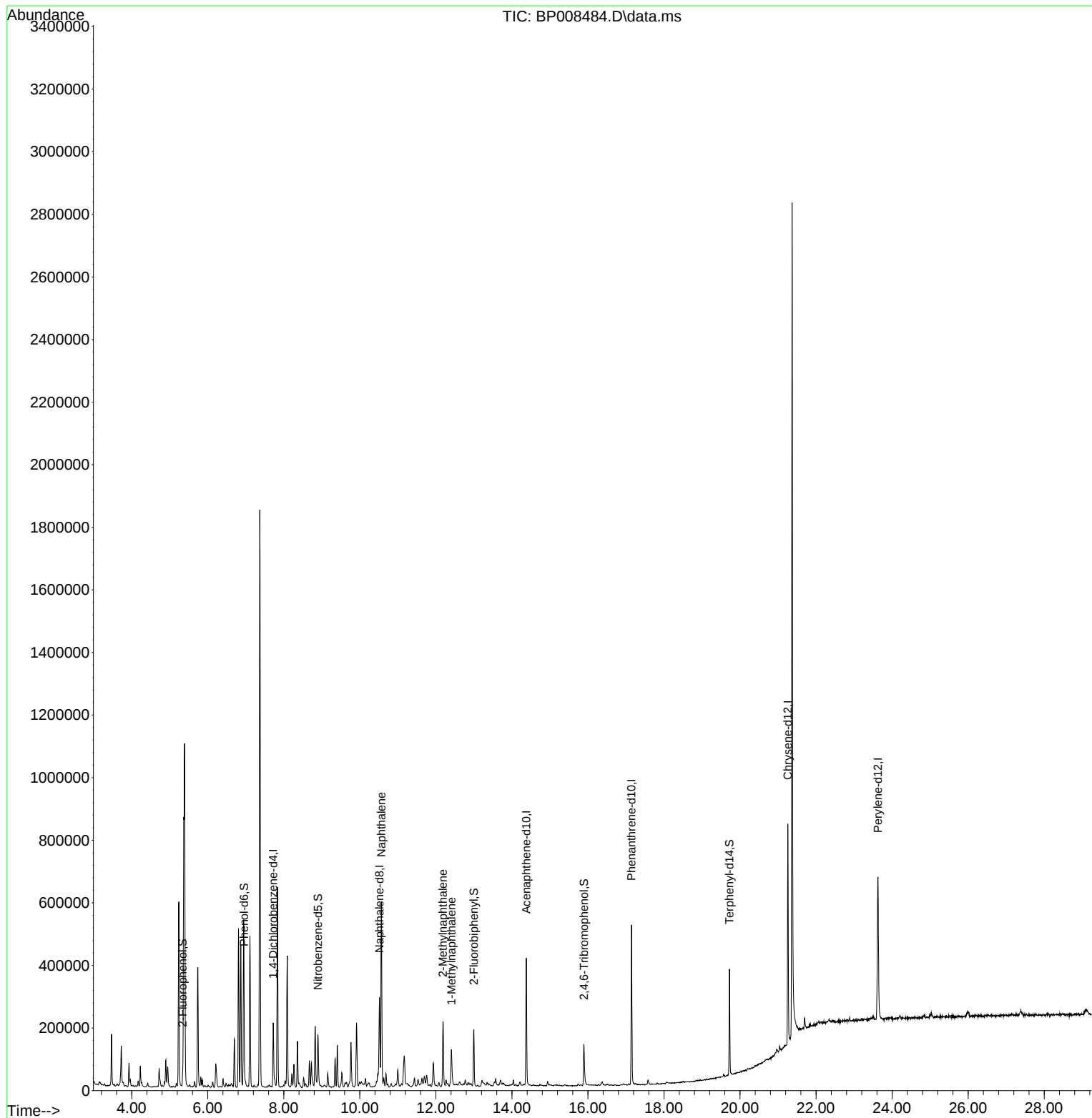
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	53370	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	205411	20.000	ng	0.00
39) Acenaphthene-d10	14.380	164	139309	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	316815	20.000	ng	0.00
76) Chrysene-d12	21.256	240	363831	20.000	ng	0.00
86) Perylene-d12	23.627	264	389796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	24125	7.139	ng	0.01
7) Phenol-d6	6.957	99	21880	4.821	ng	0.03
23) Nitrobenzene-d5	8.898	82	37267	7.686	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	28661	14.000	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	91232	8.325	ng	0.00
79) Terphenyl-d14	19.721	244	160395	7.673	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.569	128	437175	40.585	ng	99
37) 2-Methylnaphthalene	12.186	142	89917	12.111	ng	95
38) 1-Methylnaphthalene	12.410	142	42787	5.920	ng	98

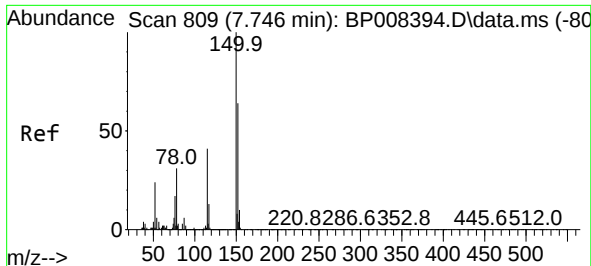
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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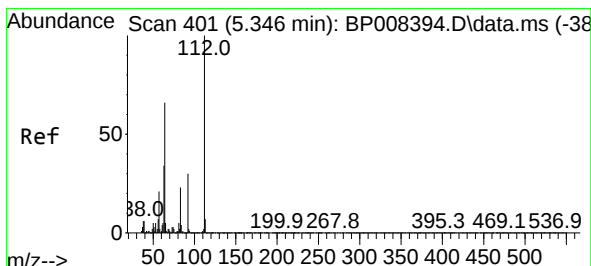
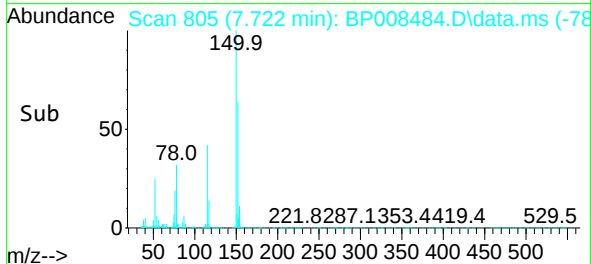
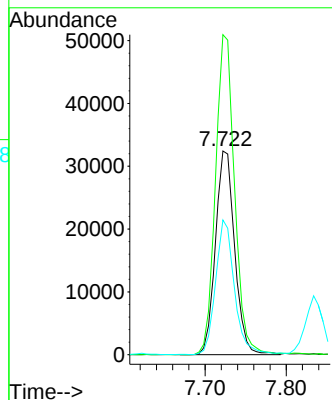
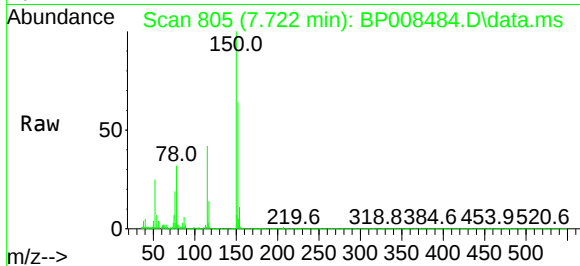




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

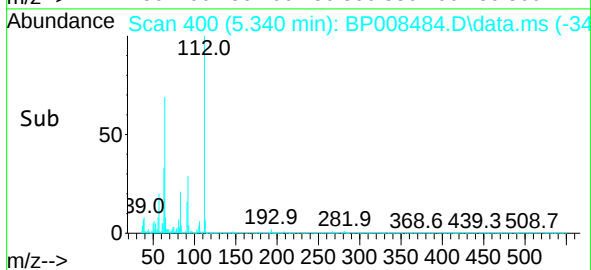
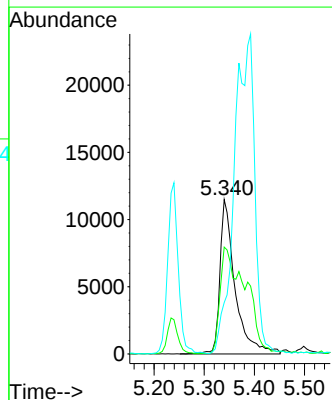
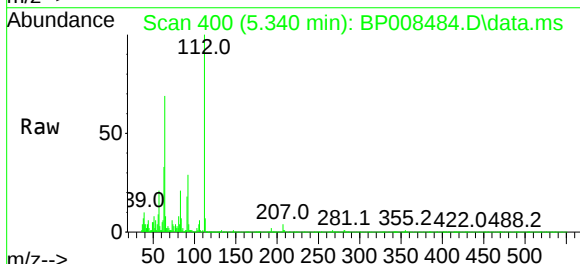
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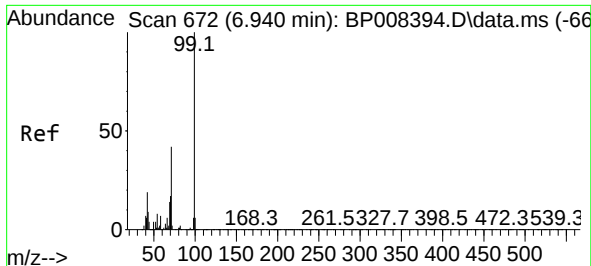
Tgt Ion:152 Resp: 53370
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 66.2 50.7 76.1



#5
2-Fluorophenol
Concen: 7.139 ng
RT: 5.340 min Scan# 400
Delta R.T. 0.011 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:112 Resp: 24125
Ion Ratio Lower Upper
112 100
64 69.2 53.4 80.2
63 33.2 27.8 41.8

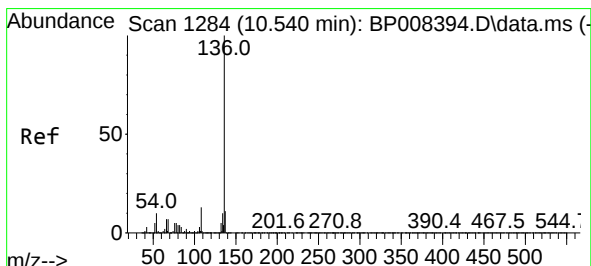
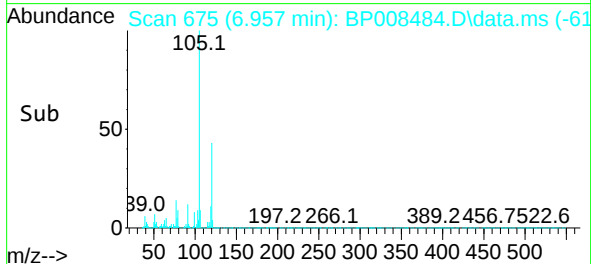
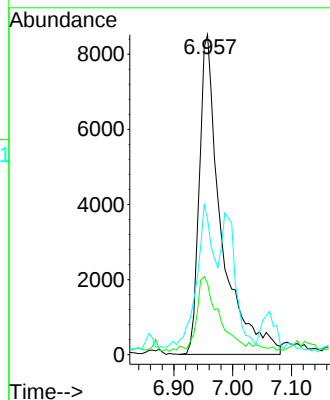
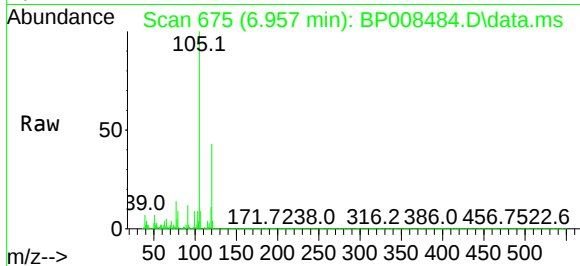




#7
Phenol-d6
Concen: 4.821 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.029 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

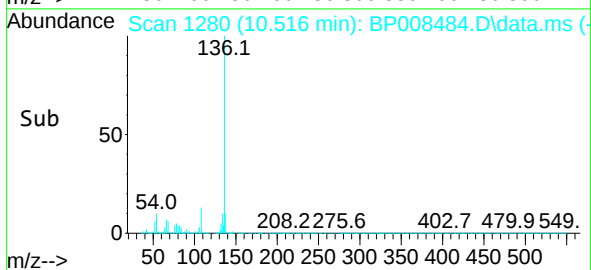
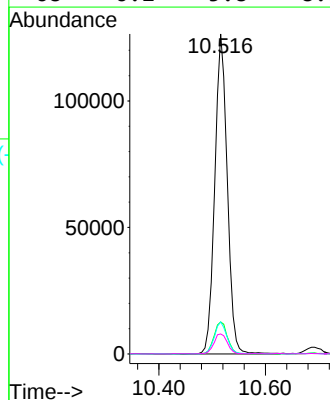
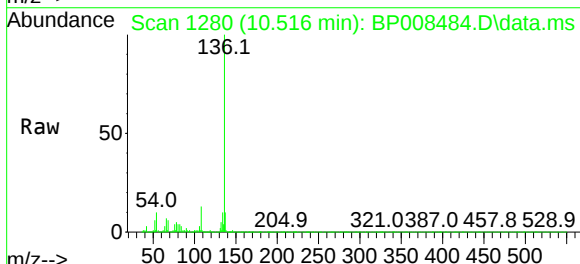
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BNA_P
ClientSampleId :
MW-29

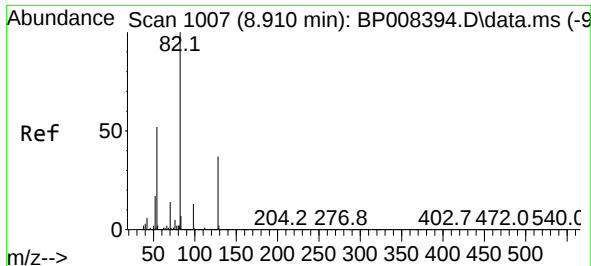
Tgt Ion: 99 Resp: 21880
Ion Ratio Lower Upper
99 100
42 22.2 14.6 22.0#
71 42.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion: 136 Resp: 205411
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.6
54 10.0 8.2 12.4
68 6.2 5.8 8.8

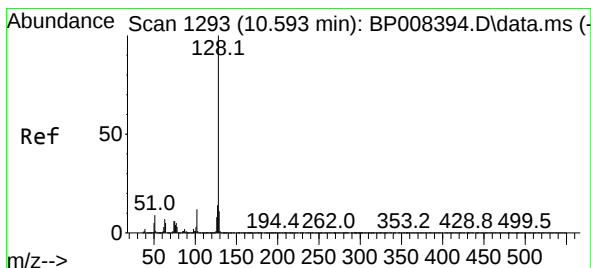
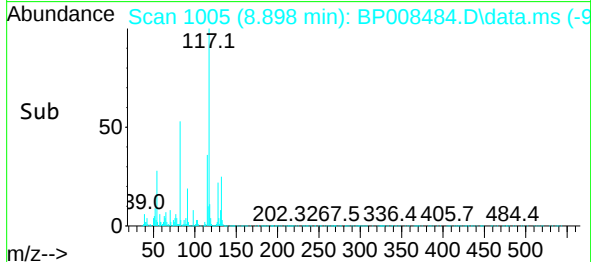
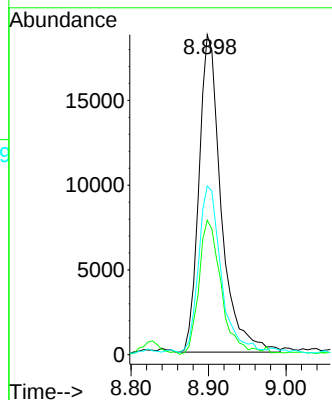
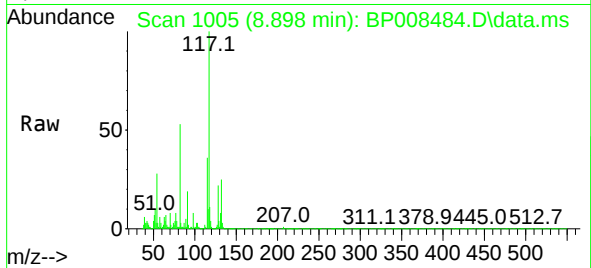




#23
Nitrobenzene-d5
Concen: 7.686 ng
RT: 8.898 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

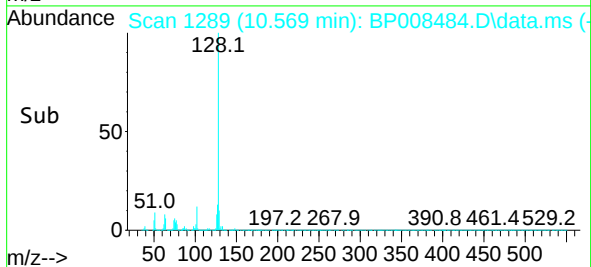
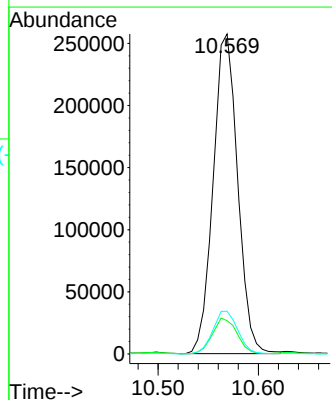
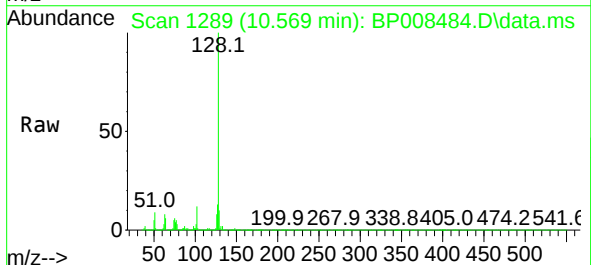
Instrument :
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ClientSampleId :
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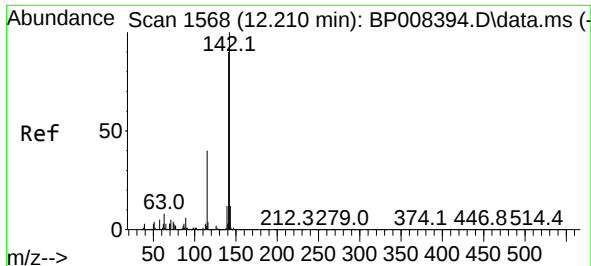
Tgt Ion: 82 Resp: 37267
Ion Ratio Lower Upper
82 100
128 42.0 29.6 44.4
54 52.8 42.7 64.1



#31
Naphthalene
Concen: 40.585 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion: 128 Resp: 437175
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.3 10.9 16.3

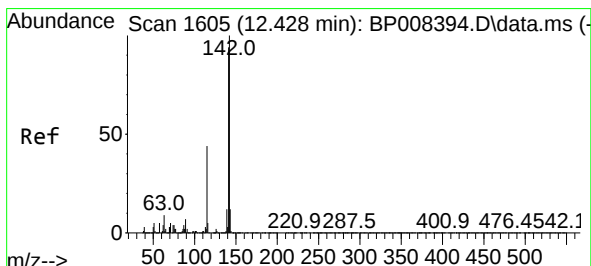
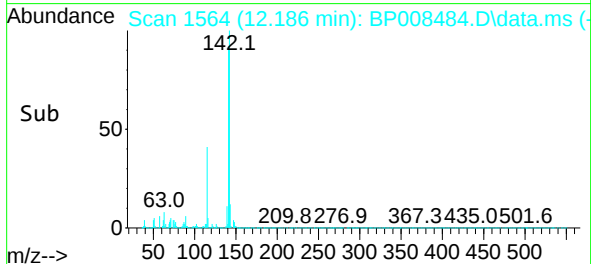
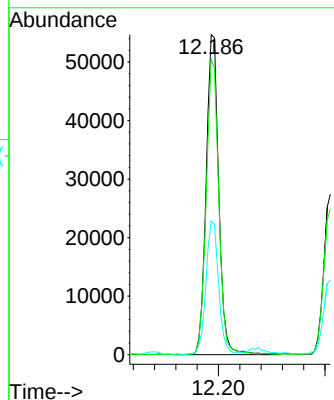
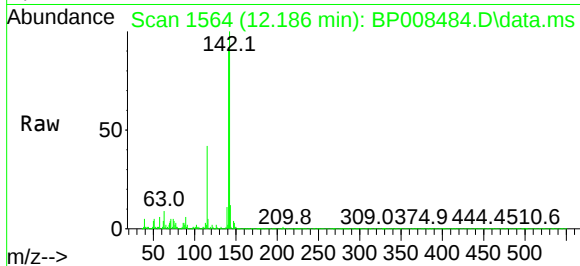




#37
2-Methylnaphthalene
Concen: 12.111 ng
RT: 12.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

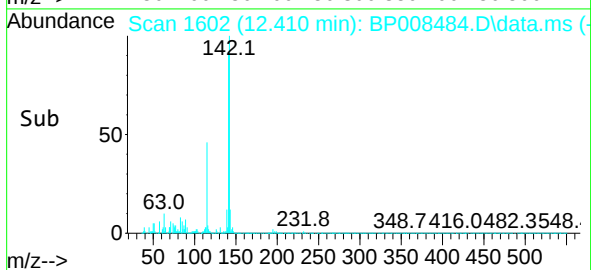
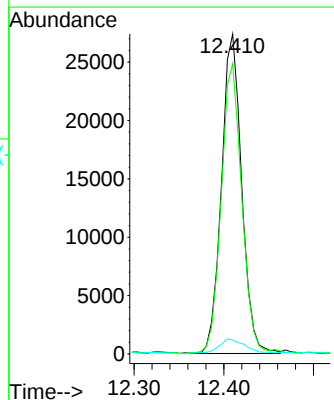
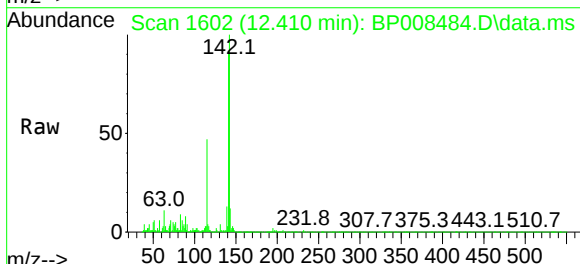
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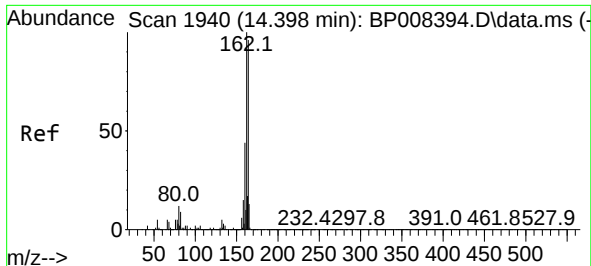
Tgt Ion:142 Resp: 89917
Ion Ratio Lower Upper
142 100
141 92.5 70.7 106.1
115 41.7 30.9 46.3



#38
1-Methylnaphthalene
Concen: 5.920 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:142 Resp: 42787
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 4.3 3.4 5.2

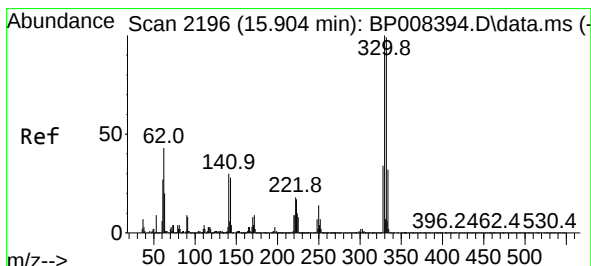
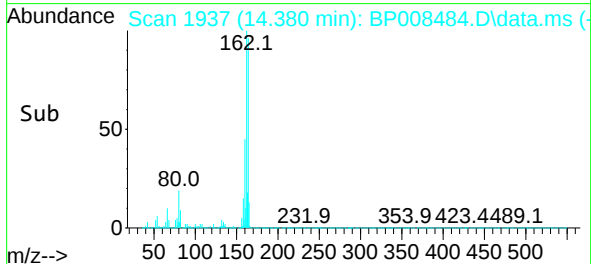
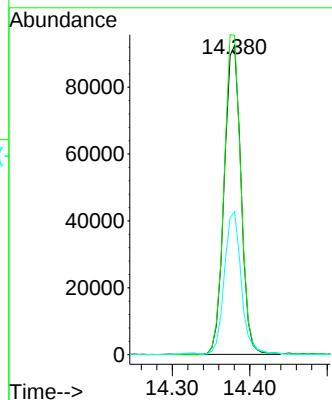
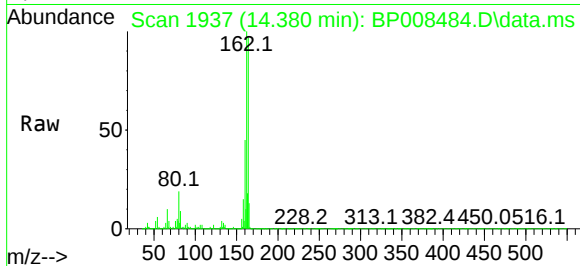




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

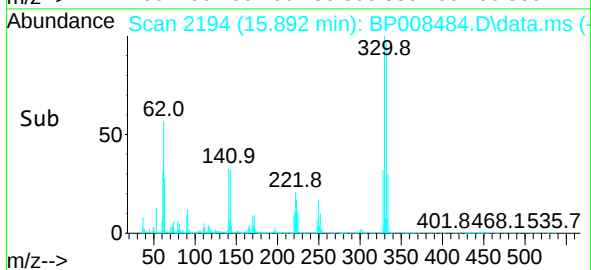
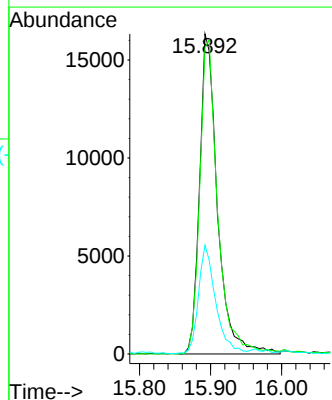
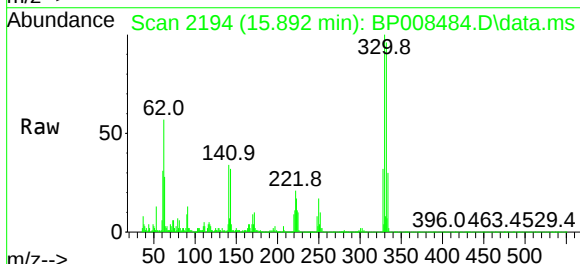
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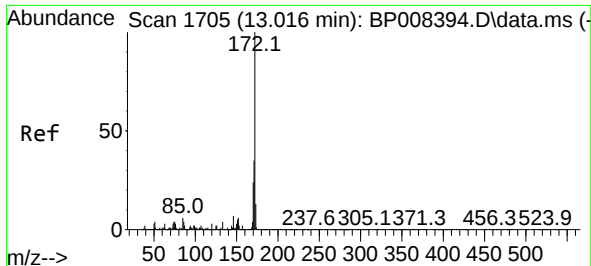
Tgt Ion:164 Resp: 139309
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 46.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 14.000 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:330 Resp: 28661
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.4
141 32.4 28.4 42.6

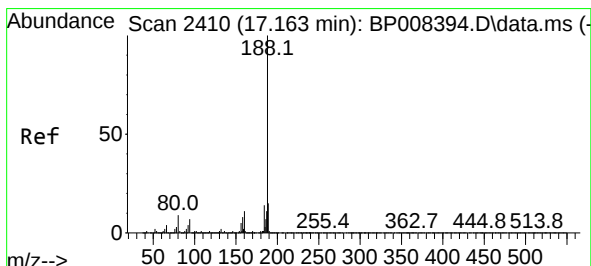
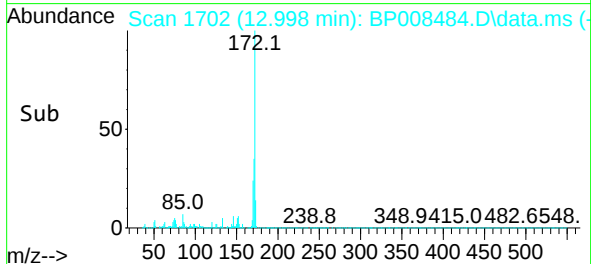
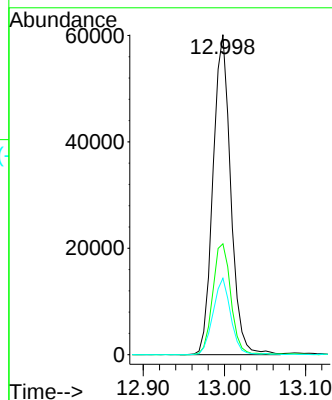
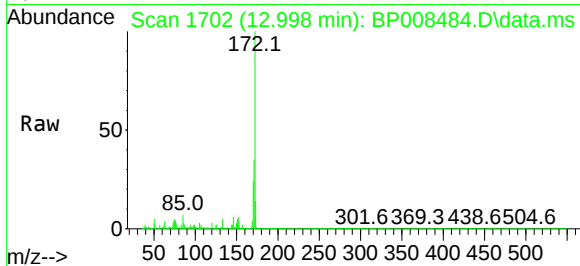




#45
2-Fluorobiphenyl
Concen: 8.325 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

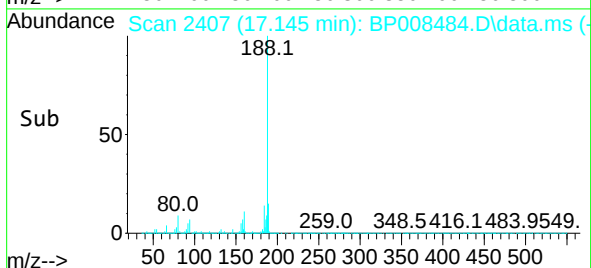
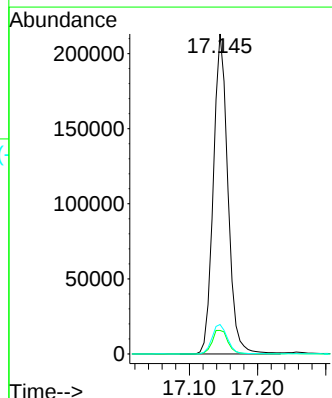
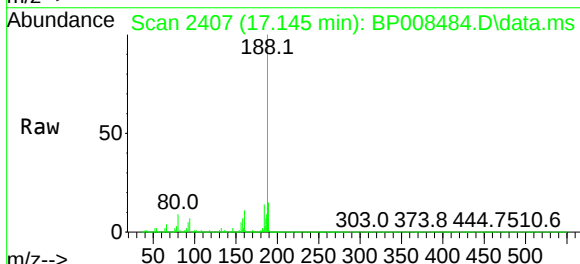
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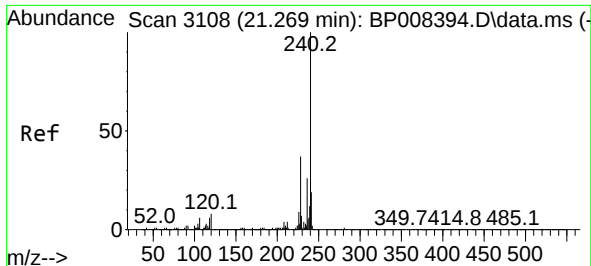
Tgt Ion:172	Resp:	91232
Ion Ratio	Lower	Upper
172	100	
171	34.6	28.0 42.0
170	23.9	18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:188	Resp:	316815
Ion Ratio	Lower	Upper
188	100	
94	7.4	7.2 10.8
80	9.2	8.2 12.4

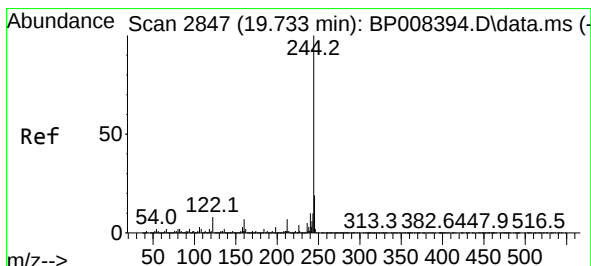
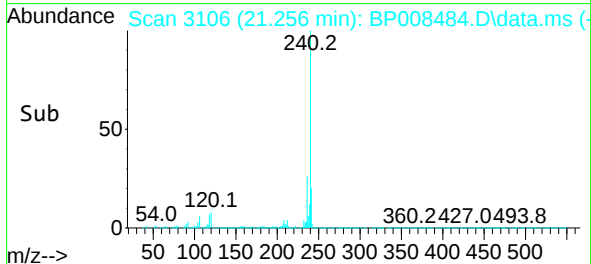
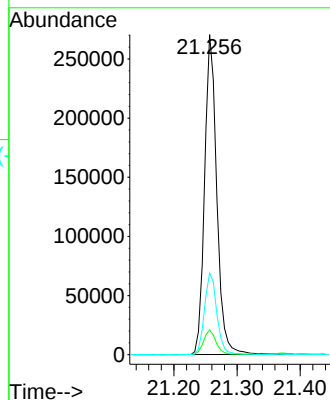
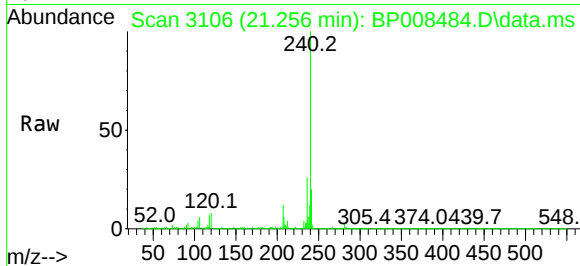




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.256 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

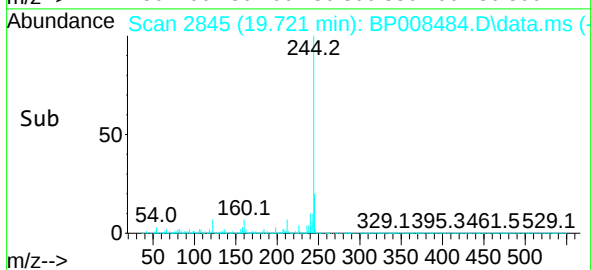
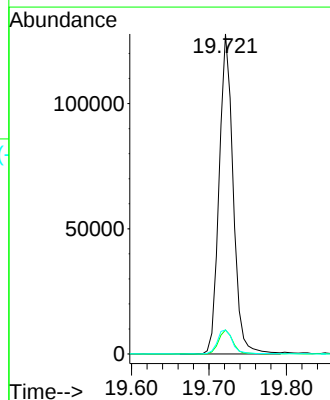
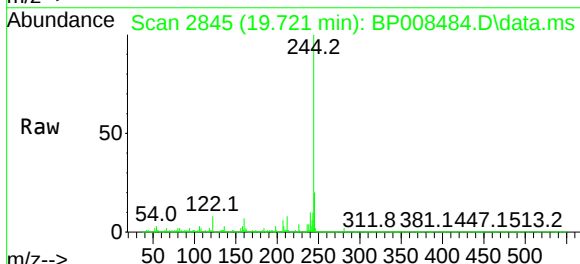
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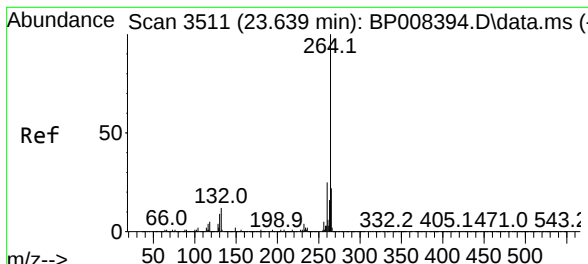
Tgt Ion:240 Resp: 363831
Ion Ratio Lower Upper
240 100
120 7.7 7.3 10.9
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 7.673 ng
RT: 19.721 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:244 Resp: 160395
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.5 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008484.D
 Acq: 17 Dec 2021 22:25

Instrument :
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Tgt Ion:264 Resp: 389796
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.2 17.6 26.4

