

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033512.D
 Acq On : 17 Dec 2021 18:53
 Operator : CG/JU
 Sample : M5051-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-3

Quant Time: Dec 18 04:54:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

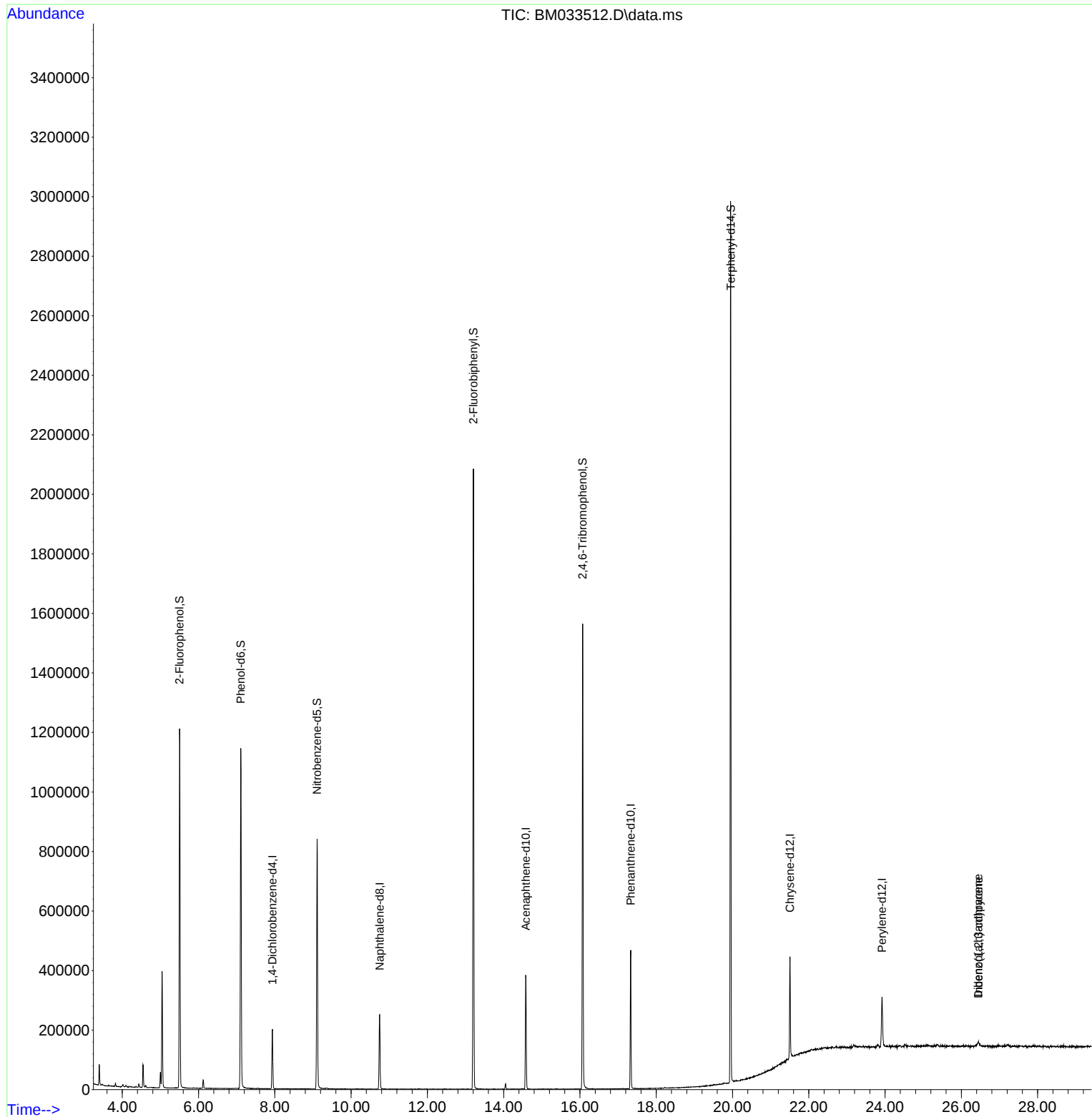
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	46167	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	187650	20.000	ng	# 0.00
39) Acenaphthene-d10	14.577	164	126313	20.000	ng	-0.01
64) Phenanthrene-d10	17.330	188	255706	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	157387	20.000	ng	0.00
86) Perylene-d12	23.918	264	132134	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	400541	149.706	ng	0.00
7) Phenol-d6	7.107	99	503108	140.121	ng	0.00
23) Nitrobenzene-d5	9.107	82	449179	102.780	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	208103	146.460	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	913199	100.008	ng	0.00
79) Terphenyl-d14	19.953	244	1275025	127.540	ng	0.00
Target Compounds						Qvalue
87) Indeno(1,2,3-cd)pyrene	26.447	276	15225	2.499	ng	# 86
91) Dibenzo(a,h)anthracene	26.441	278	12794	2.800	ng	97

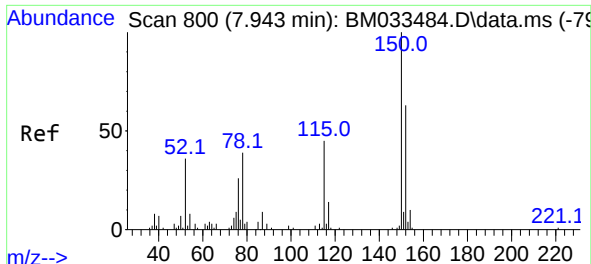
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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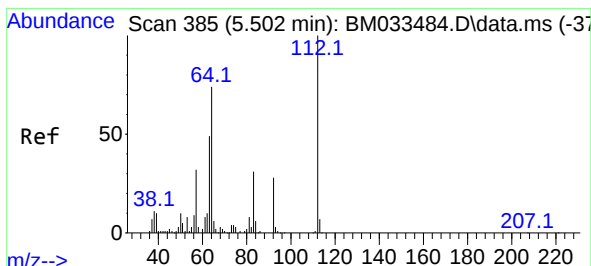
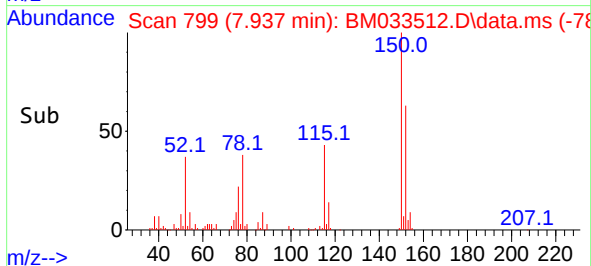
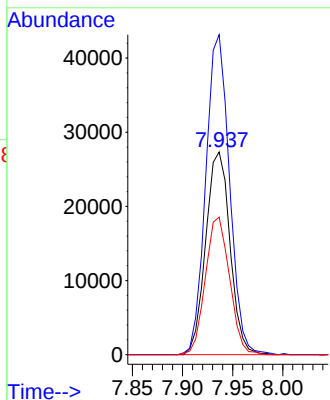
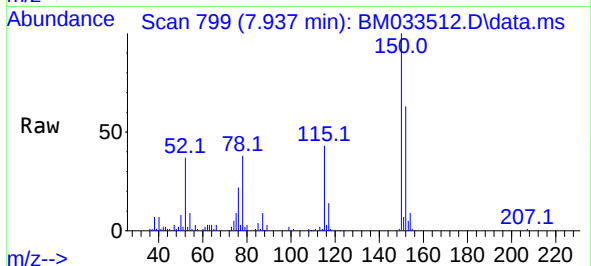




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

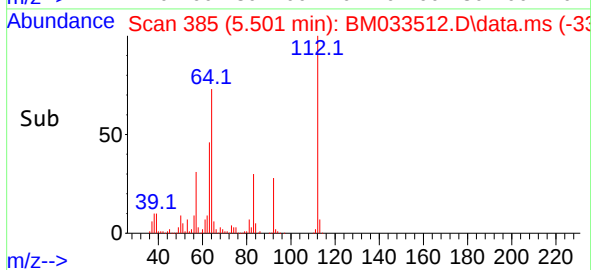
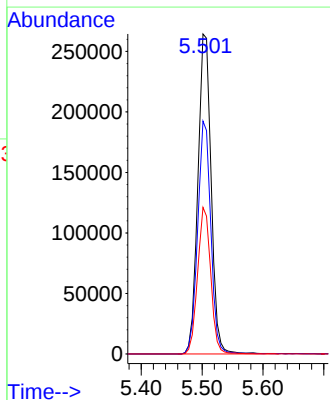
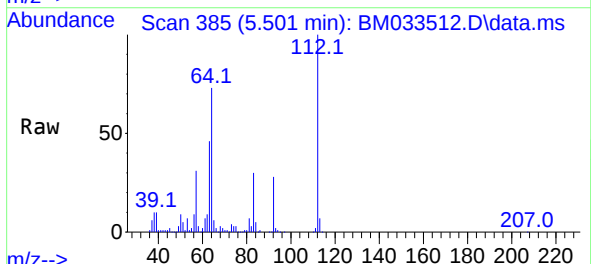
Instrument :
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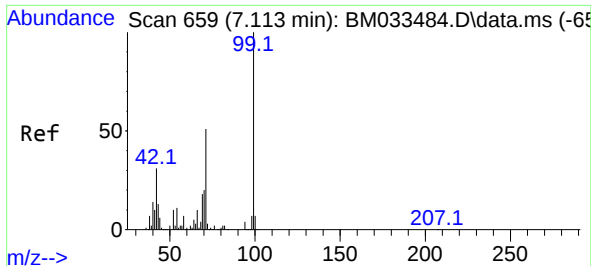
Tgt Ion:152 Resp: 46167
Ion Ratio Lower Upper
152 100
150 157.8 128.9 193.3
115 67.8 53.0 79.6



#5
2-Fluorophenol
Concen: 149.706 ng
RT: 5.501 min Scan# 385
Delta R.T. -0.001 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

Tgt Ion:112 Resp: 400541
Ion Ratio Lower Upper
112 100
64 72.8 55.5 83.3
63 45.8 31.3 46.9

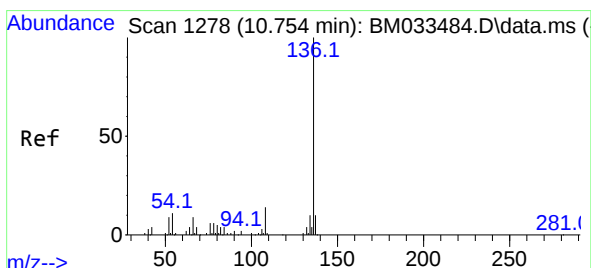
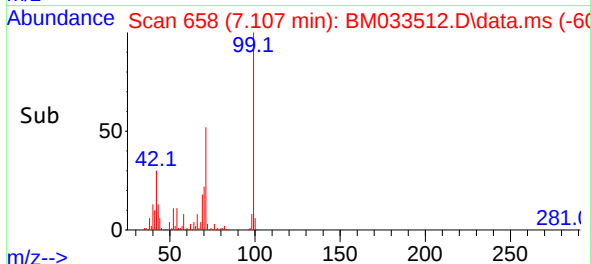
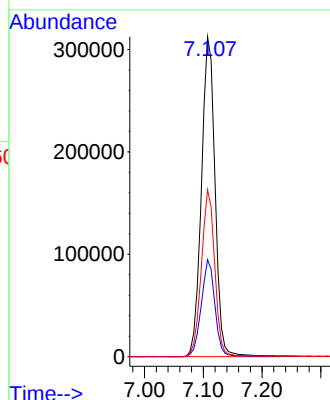
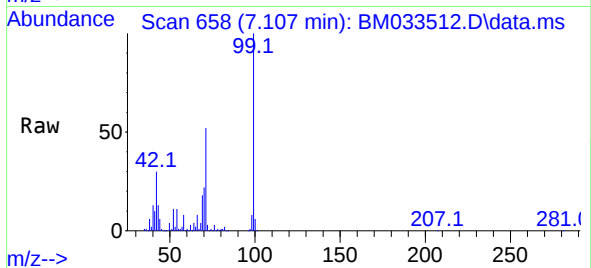




#7
Phenol-d6
Concen: 140.121 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

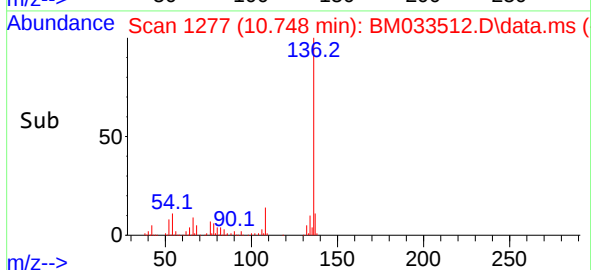
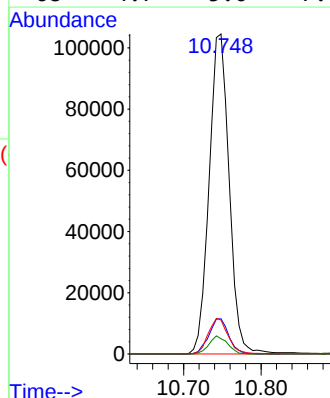
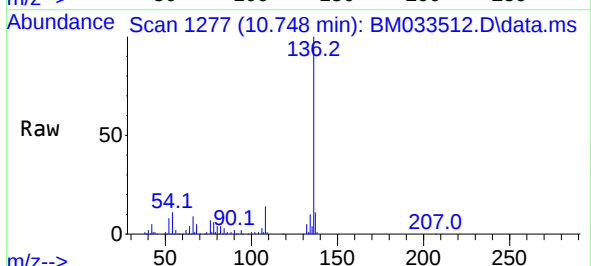
Instrument :
BNA_M
ClientSampleId :
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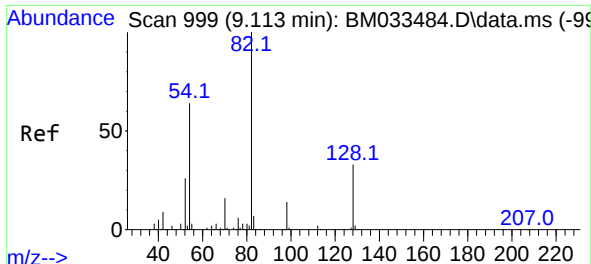
Tgt Ion: 99 Resp: 503108
Ion Ratio Lower Upper
99 100
42 30.3 20.3 30.5
71 52.1 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

Tgt Ion: 136 Resp: 187650
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.6 8.3 12.5
68 4.7 5.0 7.6#

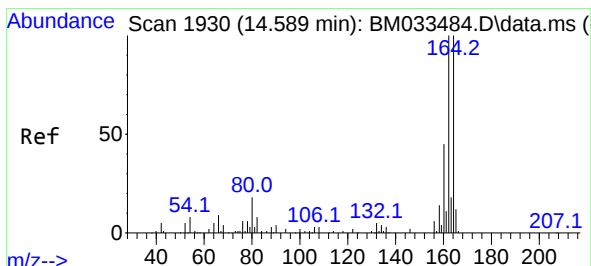
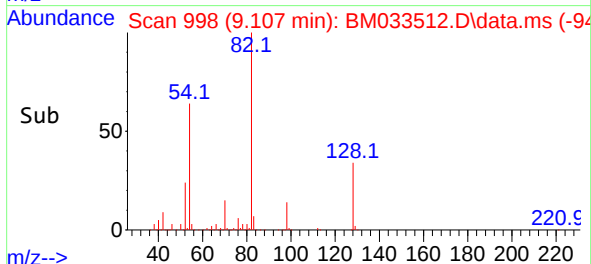
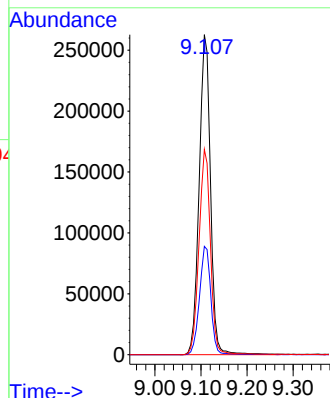
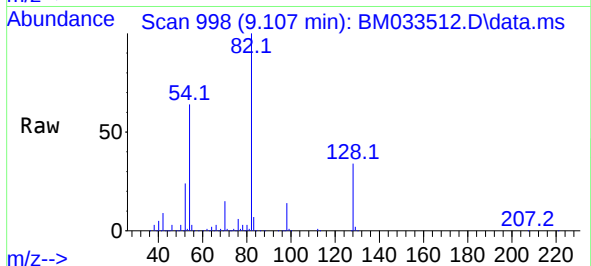




#23
Nitrobenzene-d5
Concen: 102.780 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

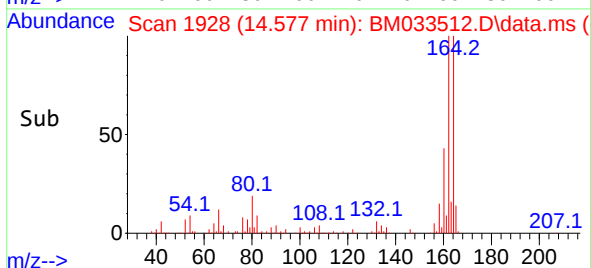
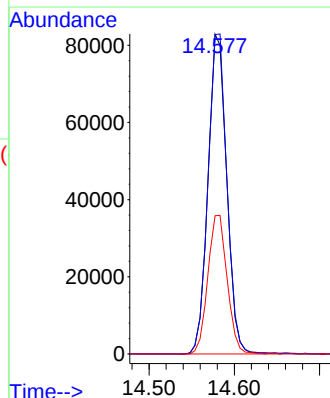
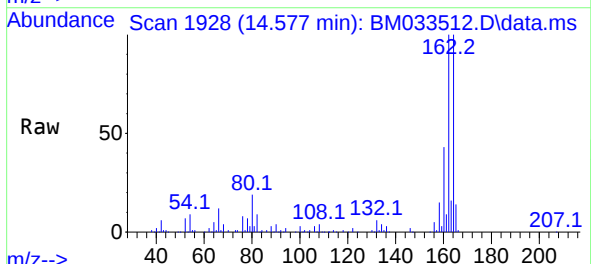
Instrument :
BNA_M
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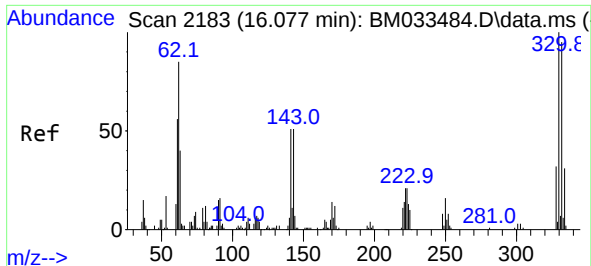
Tgt Ion: 82 Resp: 449179
Ion Ratio Lower Upper
82 100
128 33.8 28.1 42.1
54 64.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

Tgt Ion: 164 Resp: 126313
Ion Ratio Lower Upper
164 100
162 99.9 79.7 119.5
160 43.2 34.2 51.4

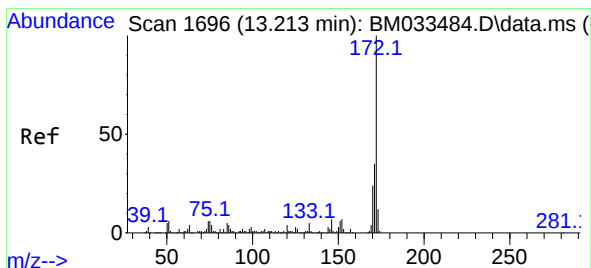
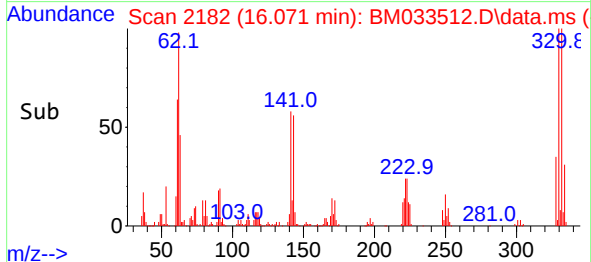
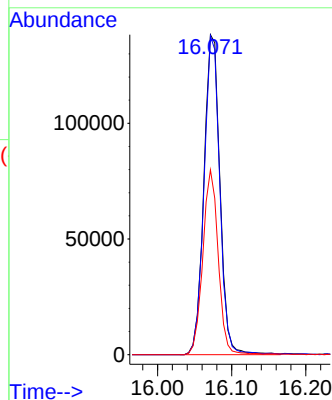
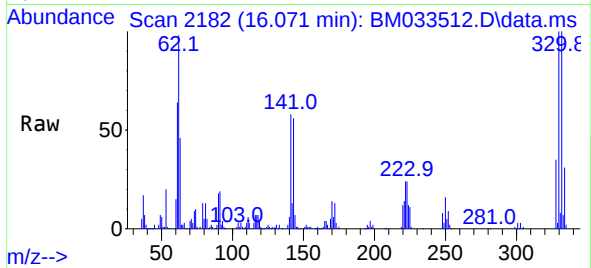




#42
2,4,6-Tribromophenol
Concen: 146.460 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

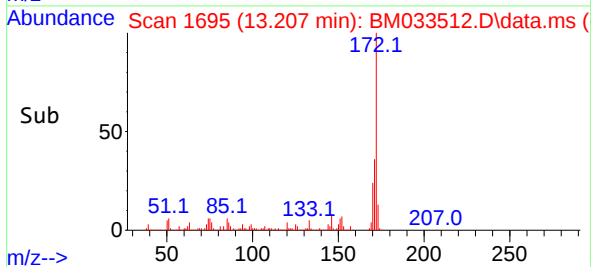
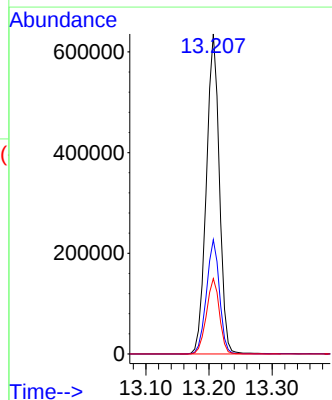
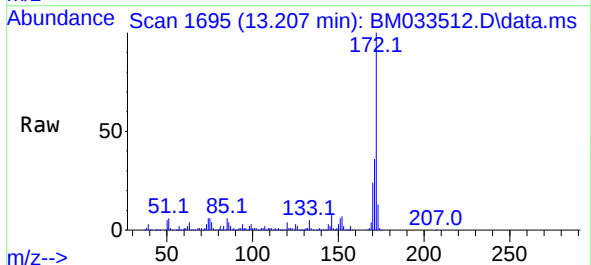
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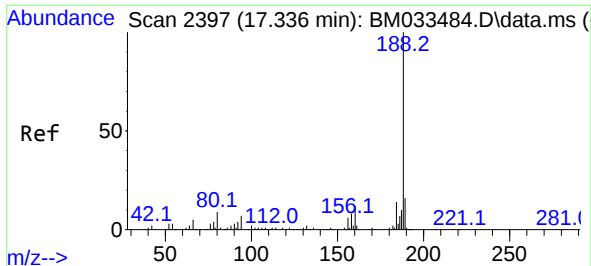
Tgt Ion:330 Resp: 208103
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 55.5 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 100.008 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

Tgt Ion:172 Resp: 913199
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.5 18.7 28.1

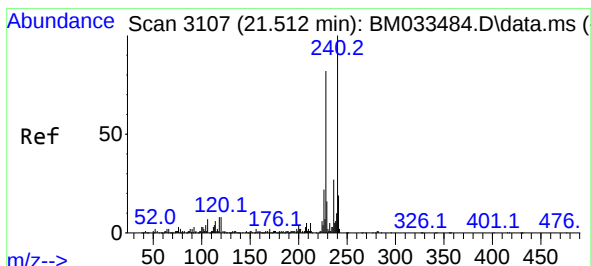
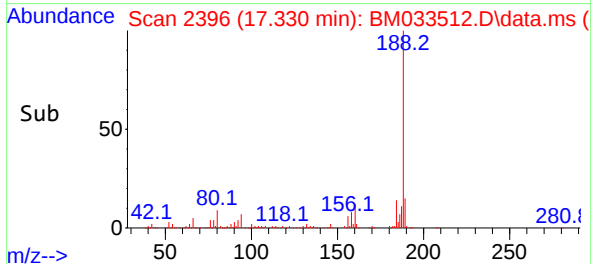
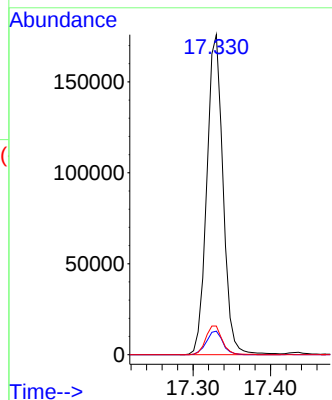
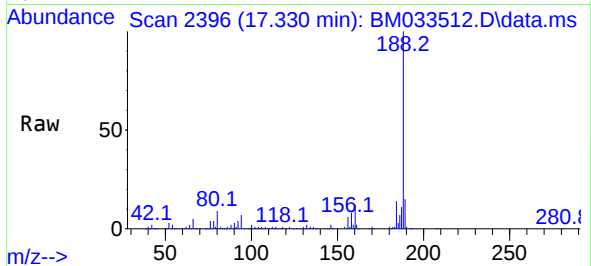




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

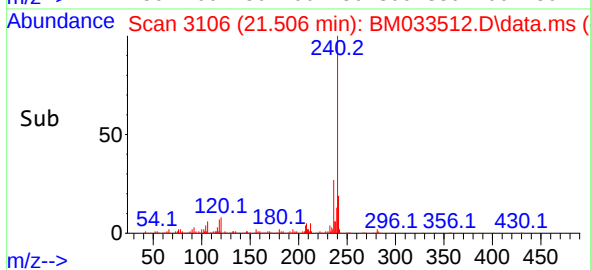
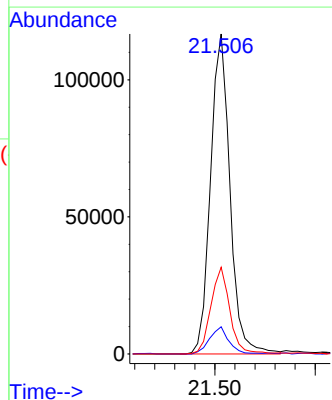
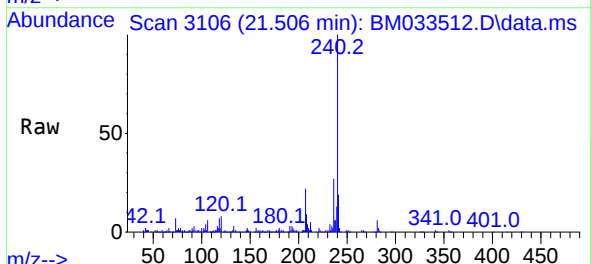
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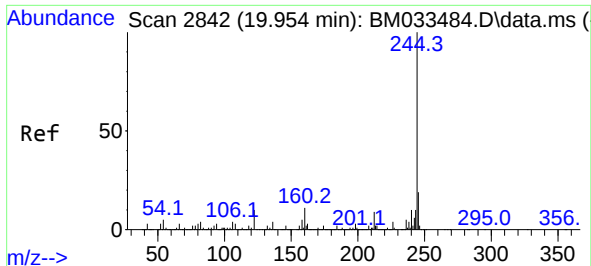
Tgt Ion:188 Resp: 255706
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033512.D
Acq: 17 Dec 2021 18:53

Tgt Ion:240 Resp: 157387
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 27.1 20.3 30.5

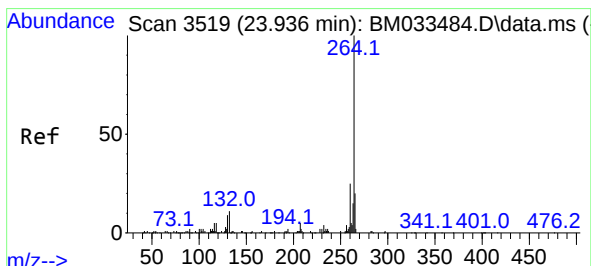
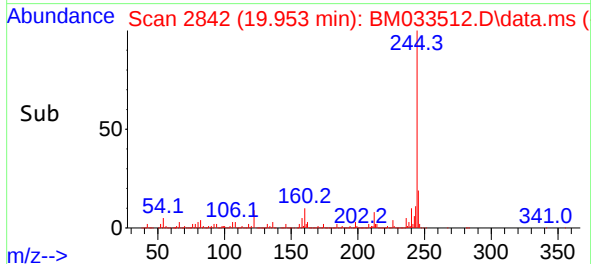
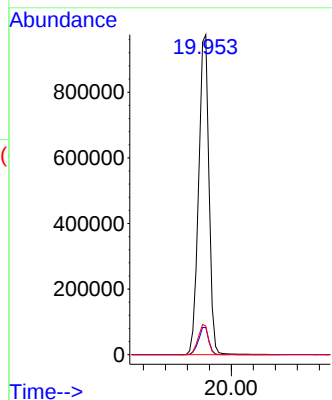
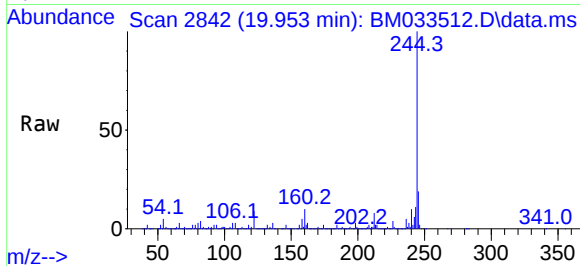




#79
 Terphenyl-d14
 Concen: 127.540 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM033512.D
 Acq: 17 Dec 2021 18:53

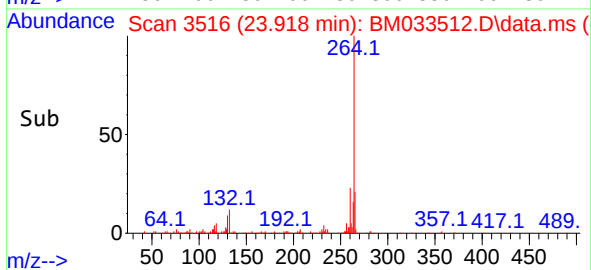
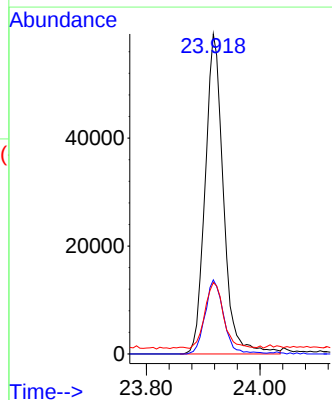
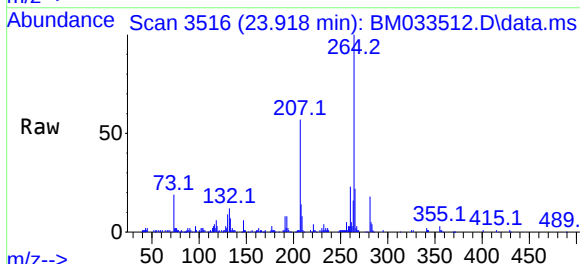
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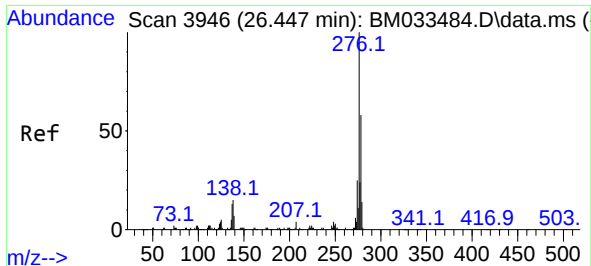
Tgt Ion:244 Resp: 1275025
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.9 8.9
 122 8.9 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 3516
 Delta R.T. -0.018 min
 Lab File: BM033512.D
 Acq: 17 Dec 2021 18:53

Tgt Ion:264 Resp: 132134
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.7 26.5
 265 22.3 17.7 26.5

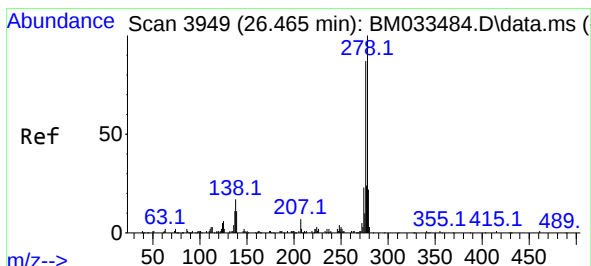
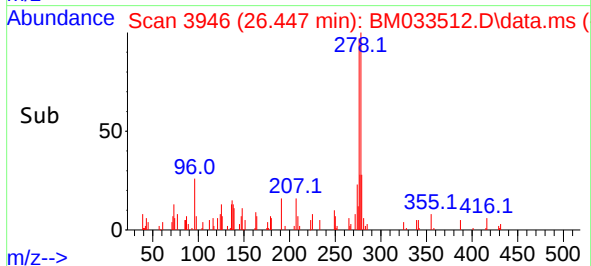
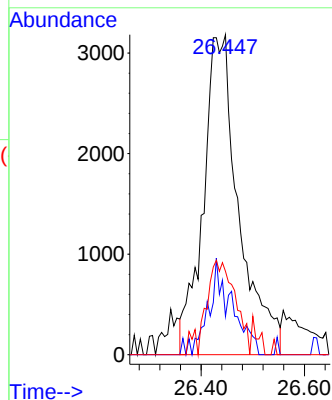
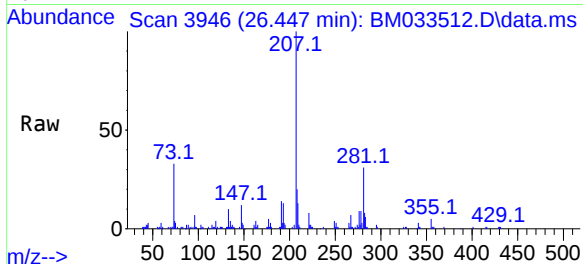




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.499 ng
 RT: 26.447 min Scan# 3946
 Delta R.T. 0.000 min
 Lab File: BM033512.D
 Acq: 17 Dec 2021 18:53

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Tgt Ion:276 Resp: 15225
 Ion Ratio Lower Upper
 276 100
 138 11.9 18.7 28.1#
 277 22.8 20.2 30.4



#91
 Dibenzo(a,h)anthracene
 Concen: 2.800 ng
 RT: 26.441 min Scan# 3945
 Delta R.T. -0.024 min
 Lab File: BM033512.D
 Acq: 17 Dec 2021 18:53

Tgt Ion:278 Resp: 12794
 Ion Ratio Lower Upper
 278 100
 139 12.5 10.9 16.3
 279 23.4 17.7 26.5

