

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033508.D
 Acq On : 17 Dec 2021 16:28
 Operator : CG/JU
 Sample : M5051-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-1

Quant Time: Dec 18 04:52:17 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)

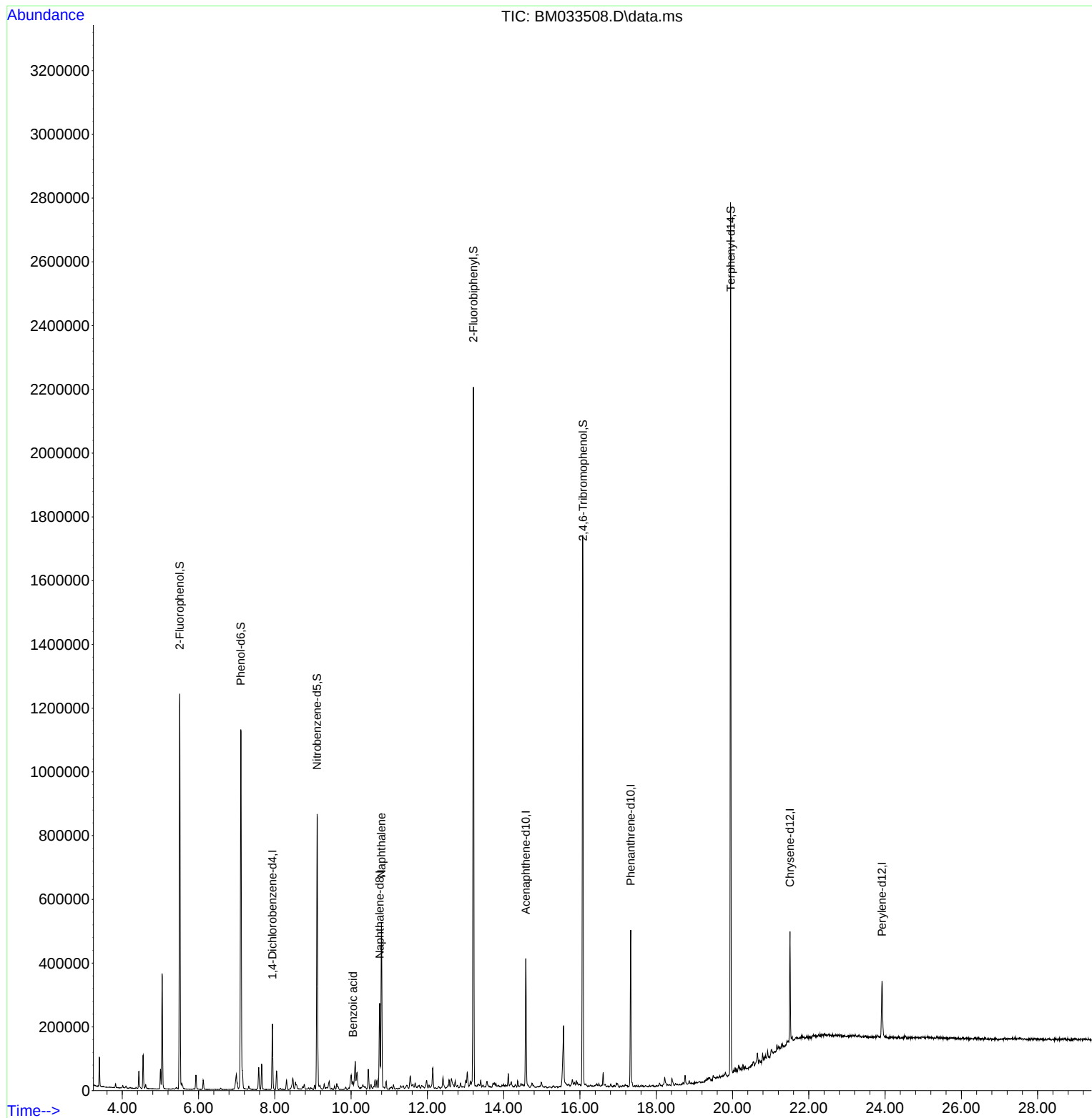
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	45945	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	192273	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	131444	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	267480	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	160077	20.000	ng	0.00
86) Perylene-d12	23.918	264	132510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	417283	156.718	ng	0.00
7) Phenol-d6	7.107	99	513140	143.605	ng	0.00
23) Nitrobenzene-d5	9.107	82	472568	105.532	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	232779	157.432	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	984443	103.602	ng	0.00
79) Terphenyl-d14	19.953	244	1162854	114.365	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.795	128	362952	34.847	ng	99
32) Benzoic acid	10.048	122	7957	7.203	ng	# 89

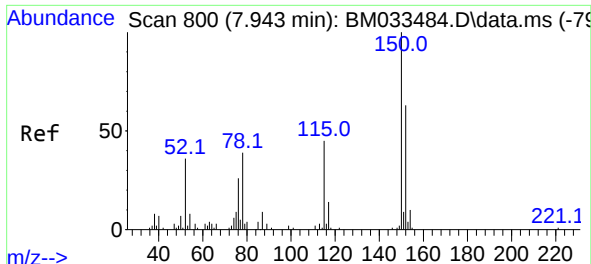
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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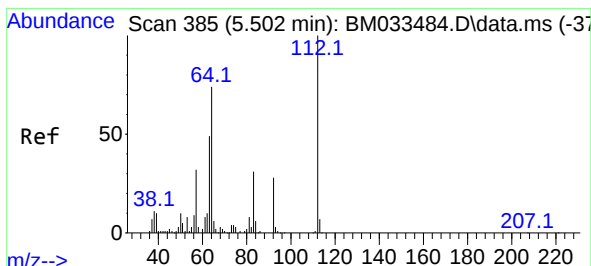
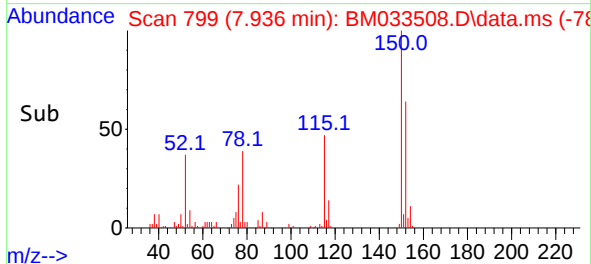
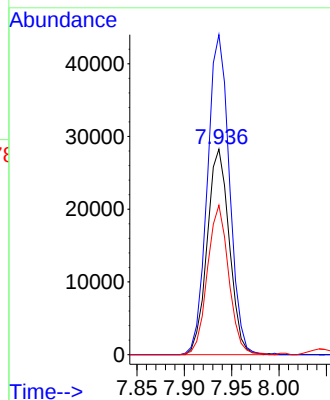
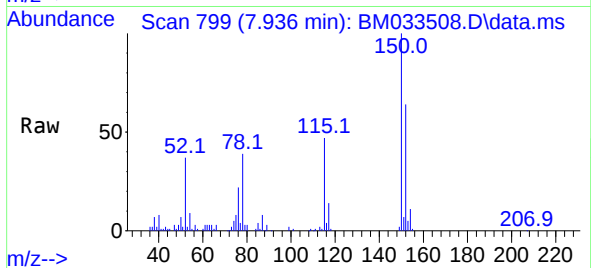




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 79
Delta R.T. -0.007 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

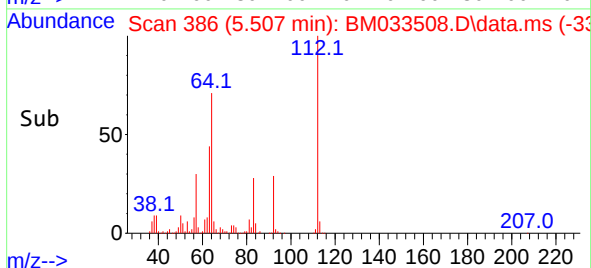
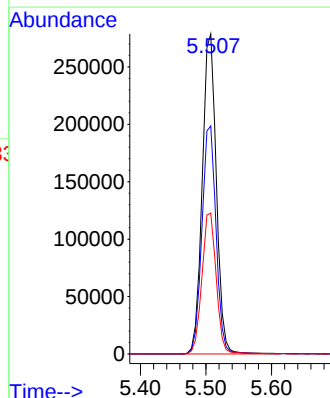
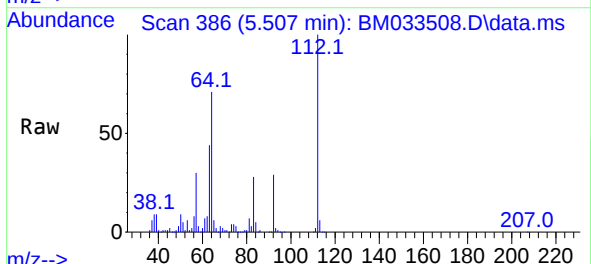
Instrument :
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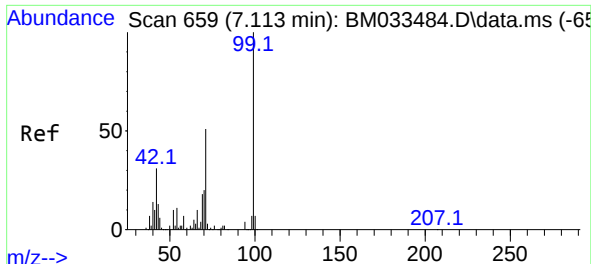
Tgt Ion:152 Resp: 45945
Ion Ratio Lower Upper
152 100
150 155.6 128.9 193.3
115 72.7 53.0 79.6



#5
2-Fluorophenol
Concen: 156.718 ng
RT: 5.507 min Scan# 386
Delta R.T. 0.005 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion:112 Resp: 417283
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 44.0 31.3 46.9

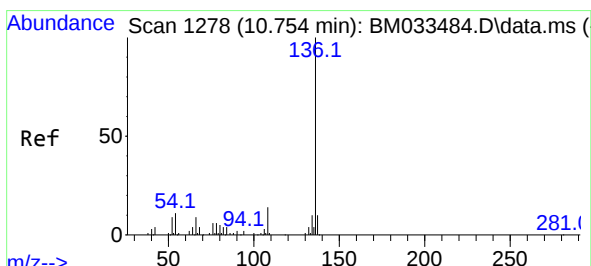
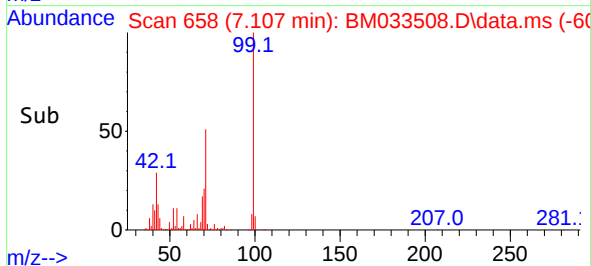
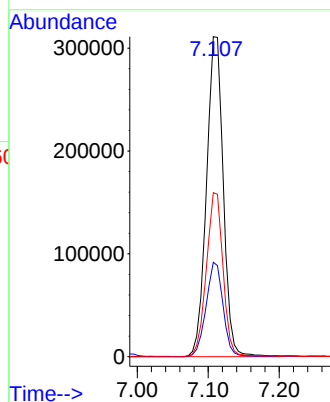
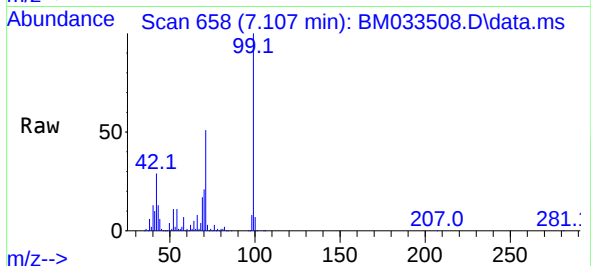




#7
Phenol-d6
Concen: 143.605 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

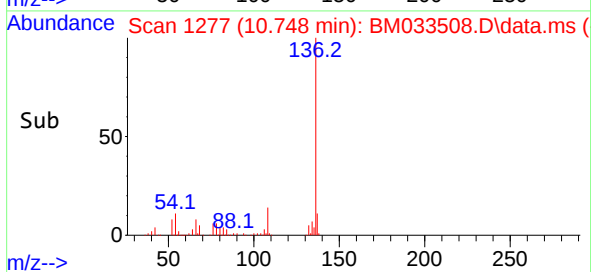
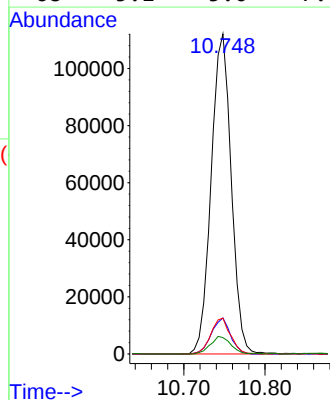
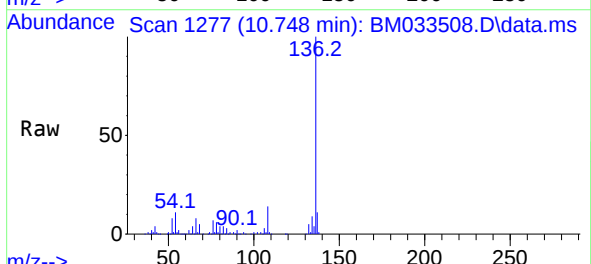
Instrument :
BNA_M
ClientSampleId :
P-1

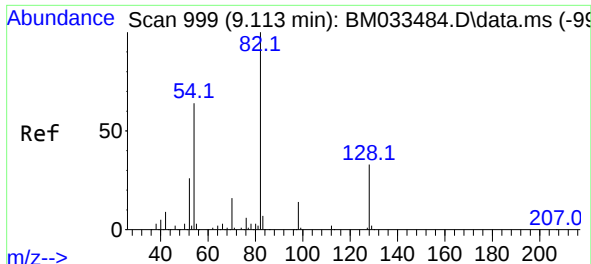
Tgt Ion: 99 Resp: 513140
Ion Ratio Lower Upper
99 100
42 29.5 20.3 30.5
71 51.3 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion: 136 Resp: 192273
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.2 8.3 12.5
68 5.1 5.0 7.6

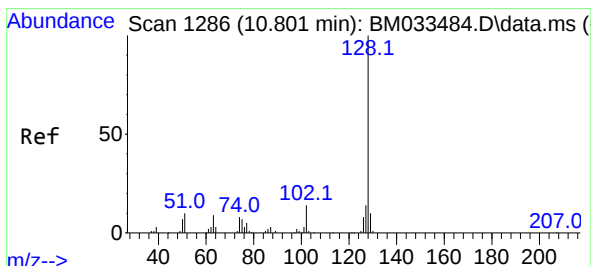
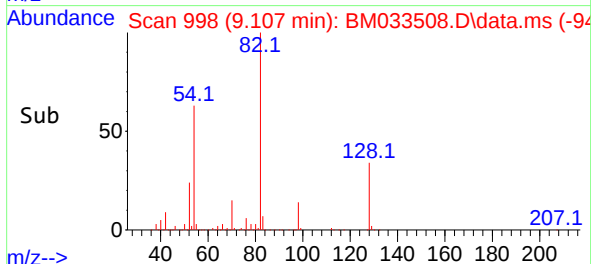
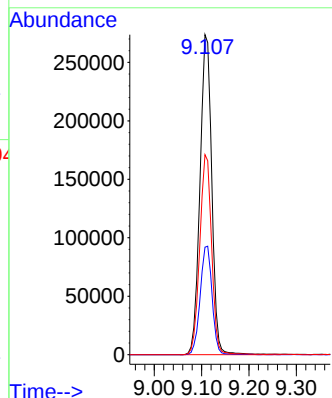
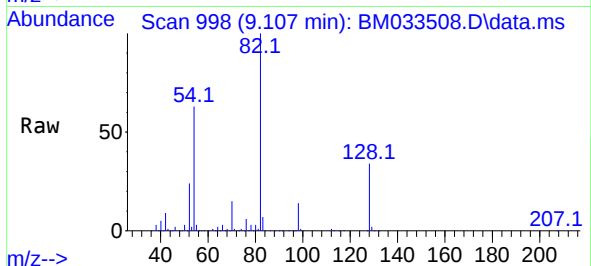




#23
Nitrobenzene-d5
Concen: 105.532 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

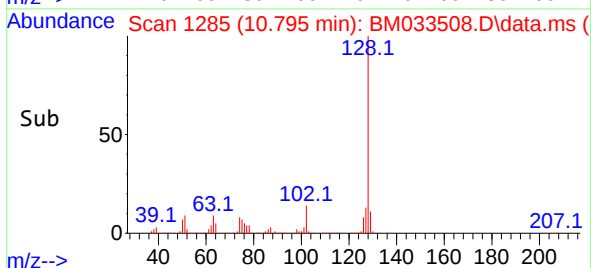
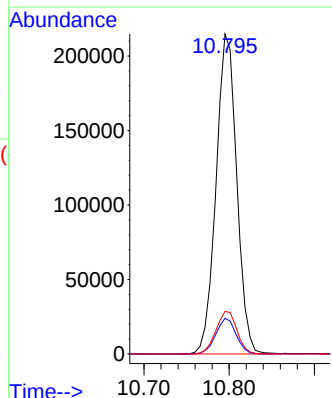
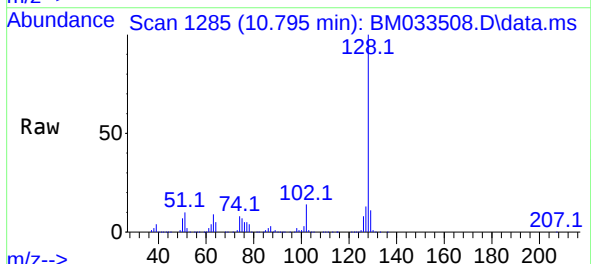
Instrument :
BNA_M
ClientSampleId :
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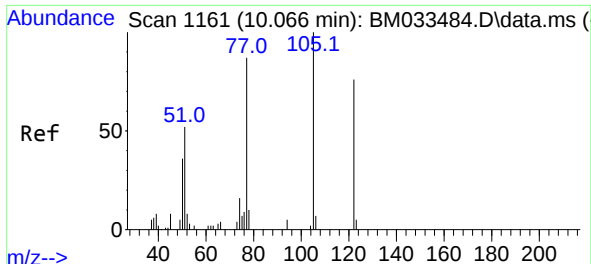
Tgt Ion: 82 Resp: 472568
Ion Ratio Lower Upper
82 100
128 33.6 28.1 42.1
54 62.5 46.1 69.1



#31
Naphthalene
Concen: 34.847 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion: 128 Resp: 362952
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.3 10.8 16.2

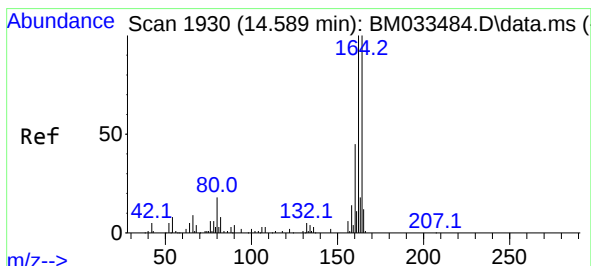
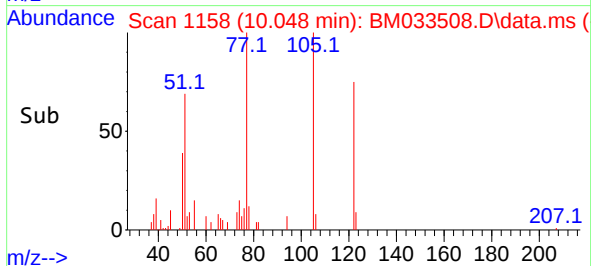
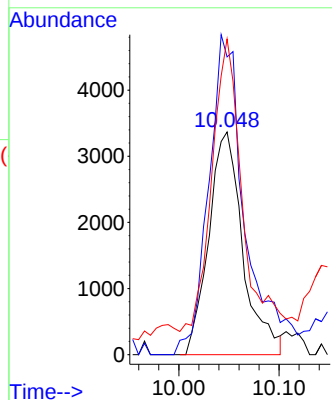
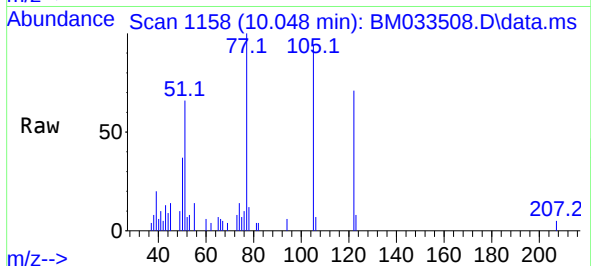




#32
Benzoic acid
Concen: 7.203 ng
RT: 10.048 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

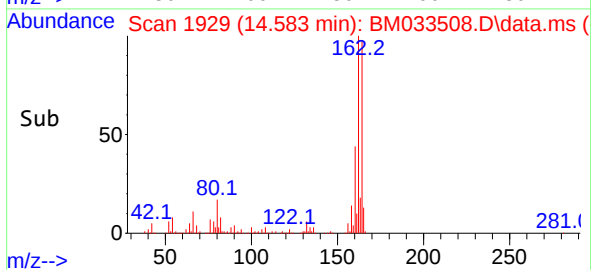
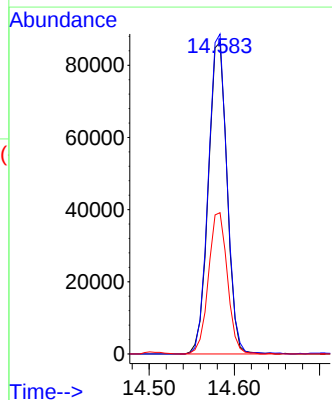
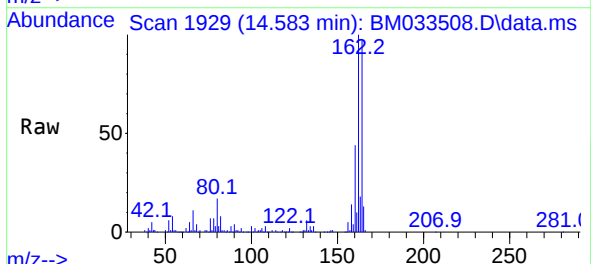
Instrument :
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ClientSampleId :
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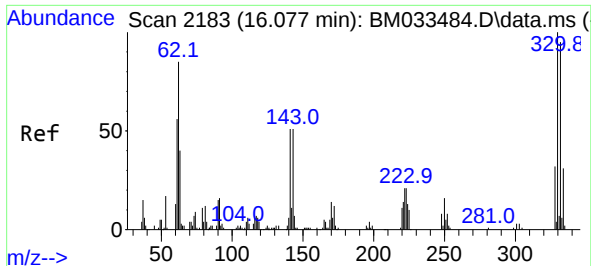
Tgt Ion:122 Resp: 7957
Ion Ratio Lower Upper
122 100
105 133.6 119.6 159.6
77 141.7 101.0 141.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion:164 Resp: 131444
Ion Ratio Lower Upper
164 100
162 102.7 79.7 119.5
160 45.3 34.2 51.4

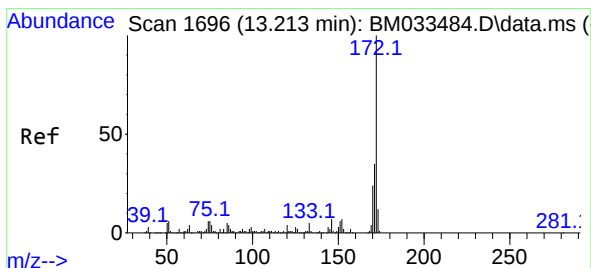
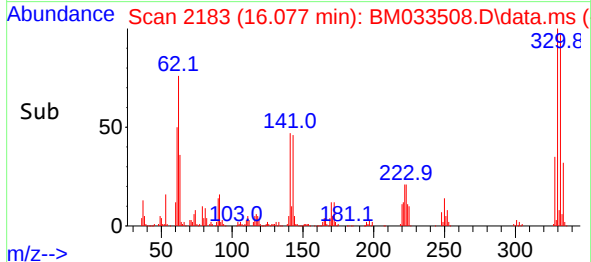
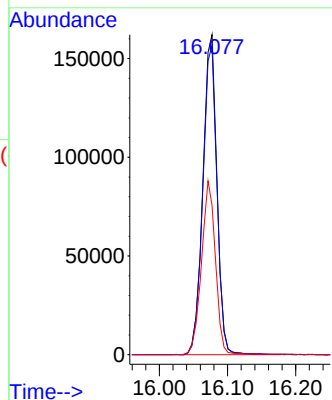
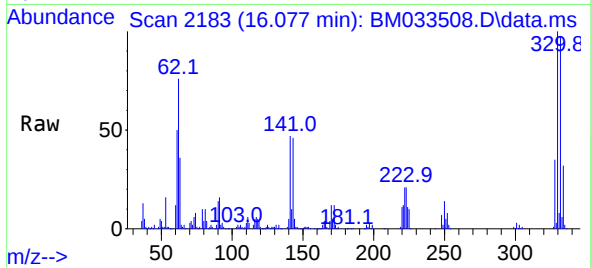




#42
2,4,6-Tribromophenol
Concen: 157.432 ng
RT: 16.077 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

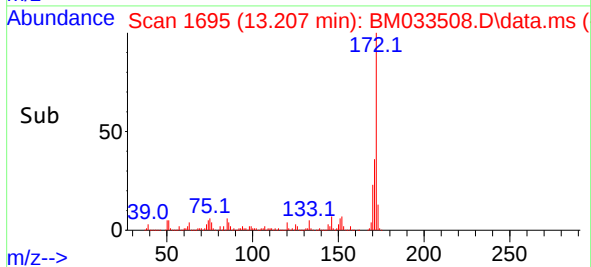
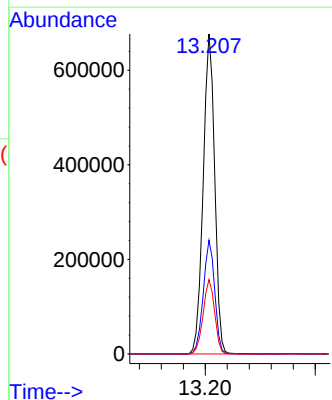
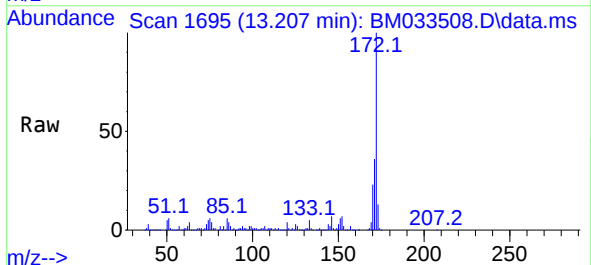
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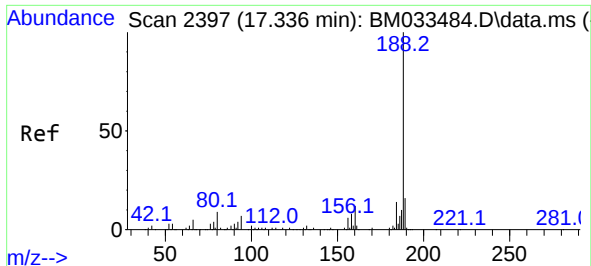
Tgt Ion:330 Resp: 232779
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 53.9 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 103.602 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion:172 Resp: 984443
Ion Ratio Lower Upper
172 100
171 35.5 27.2 40.8
170 23.2 18.7 28.1

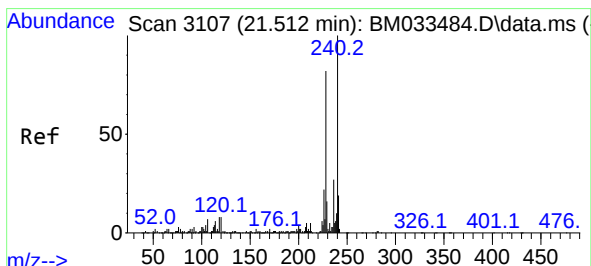
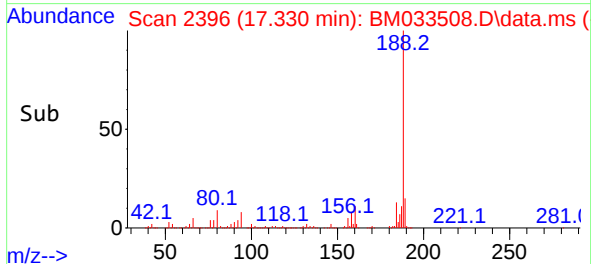
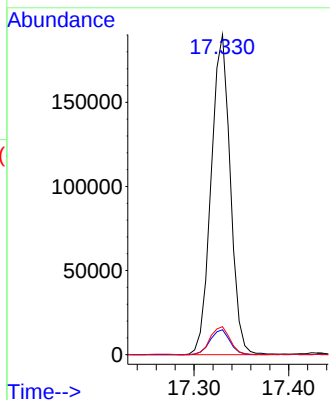
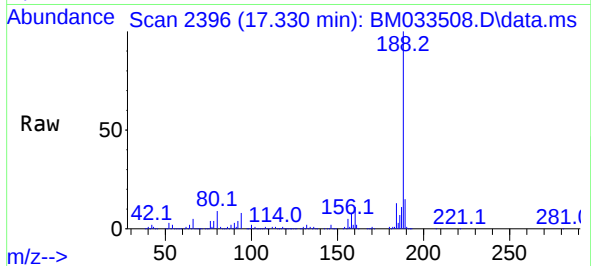




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

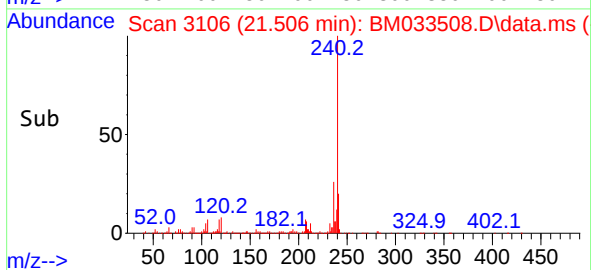
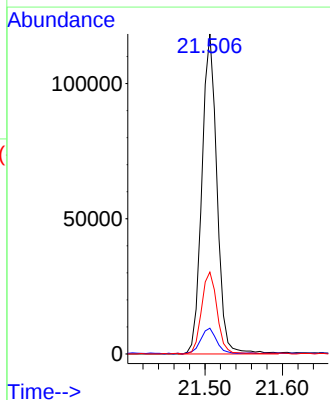
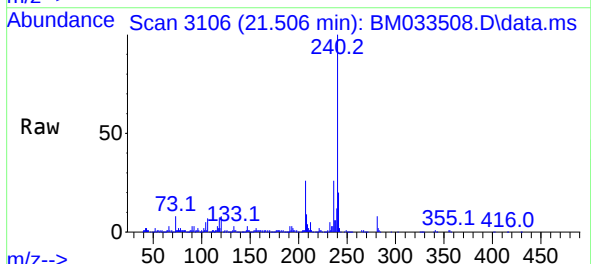
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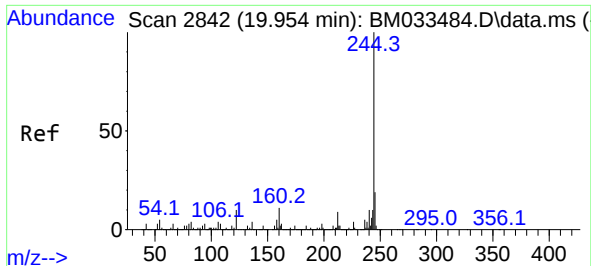
Tgt Ion:188 Resp: 267480
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion:240 Resp: 160077
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 25.6 20.3 30.5

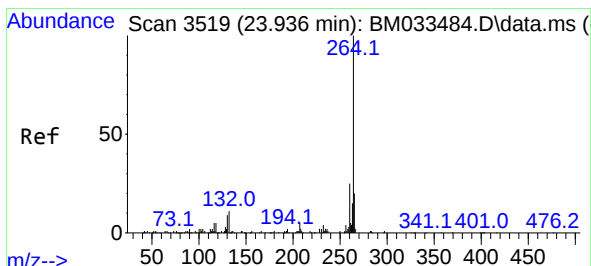
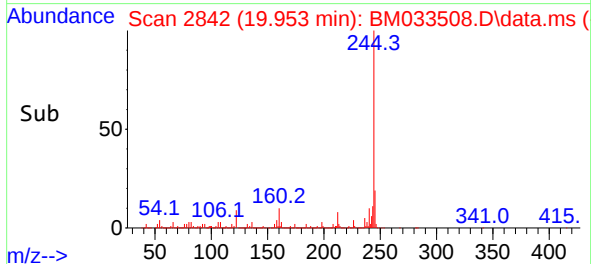
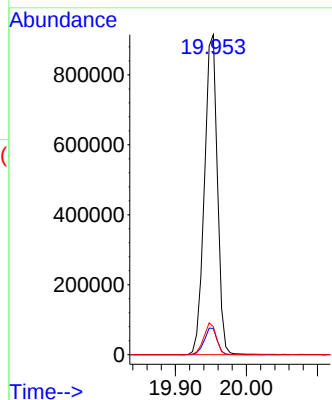
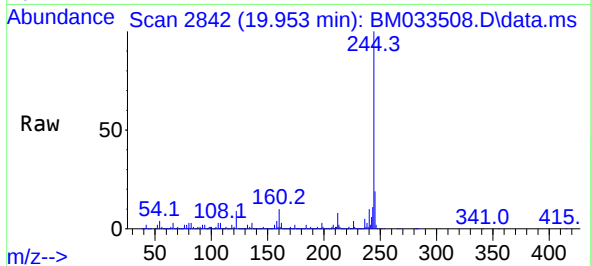




#79
 Terphenyl-d14
 Concen: 114.365 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

Instrument :
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Tgt Ion:244 Resp: 1162854
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 8.8 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: BM033508.D
 Acq: 17 Dec 2021 16:28

Tgt Ion:264 Resp: 132510
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.7 26.5
 265 22.5 17.7 26.5

