

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033290.D
 Acq On : 03 Dec 2021 17:25
 Operator : CG/JU
 Sample : M4798-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3-3.0

Quant Time: Dec 03 17:59:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

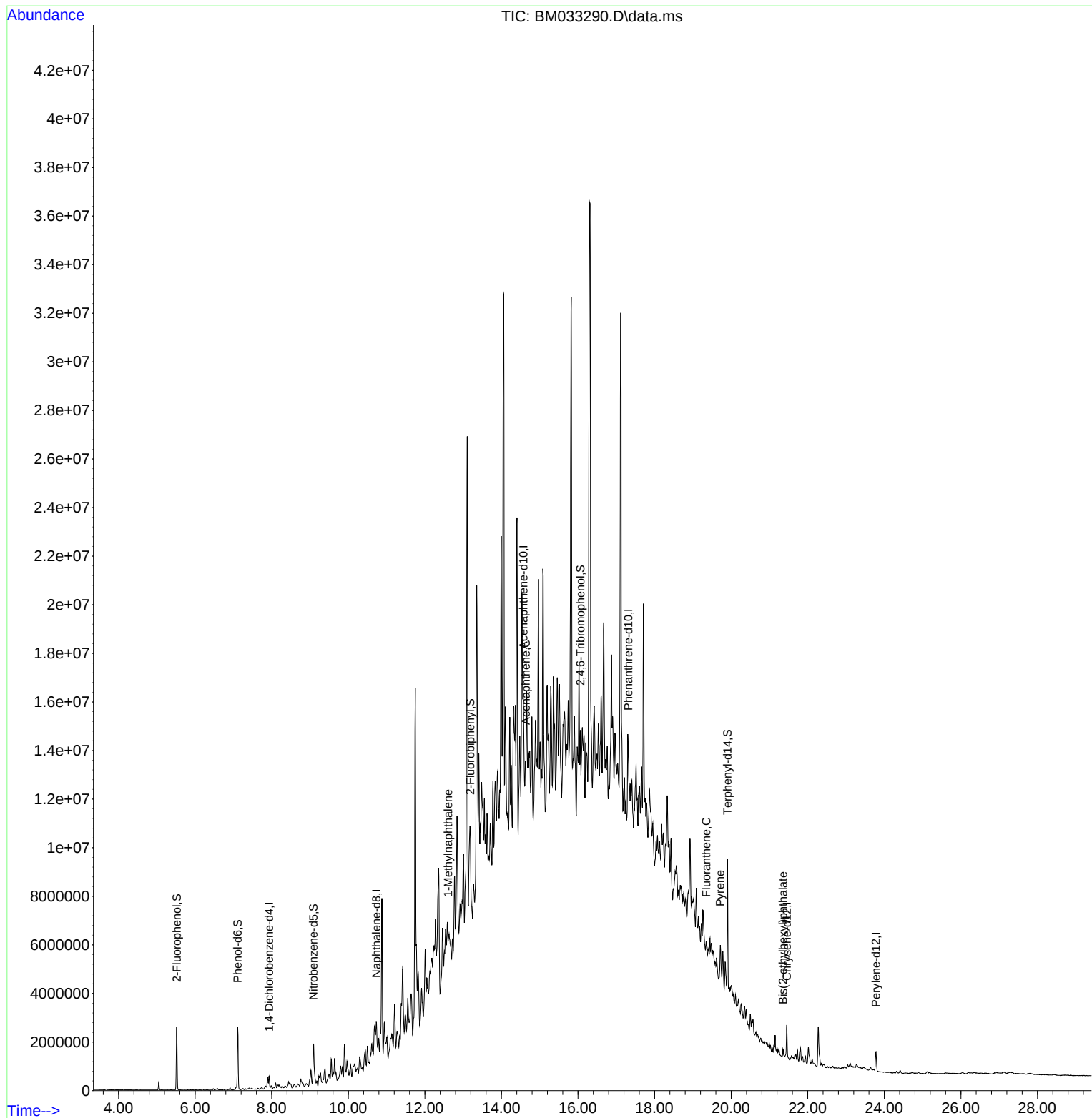
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	136460	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	539204	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	336591	20.000	ng	0.01
64) Phenanthrene-d10	17.312	188	585740	20.000	ng	# 0.02
76) Chrysene-d12	21.453	240	586166	20.000	ng	# 0.00
86) Perylene-d12	23.783	264	592925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	1009448	122.159	ng	0.01
7) Phenol-d6	7.113	99	1350694	122.047	ng	0.02
23) Nitrobenzene-d5	9.089	82	961401	82.773	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	321159	87.529	ng	0.02
45) 2-Fluorobiphenyl	13.189	172	1665604	69.788	ng	0.00
79) Terphenyl-d14	19.906	244	2204984	74.384	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.607	142	75441	3.993	ng	# 87
52) Acenaphthene	14.636	154	149457	8.054	ng	# 83
75) Fluoranthene	19.348	202	82230	2.222	ng	# 38
78) Pyrene	19.712	202	501129	12.987	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.353	149	82491	4.059	ng	# 89

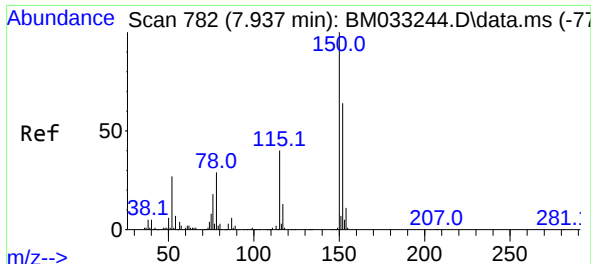
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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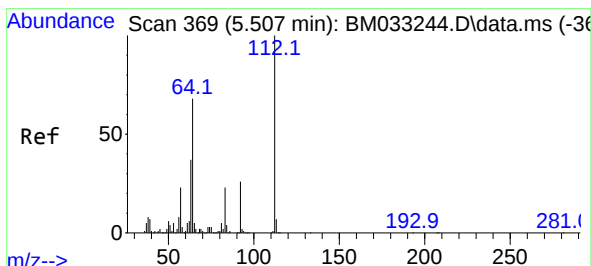
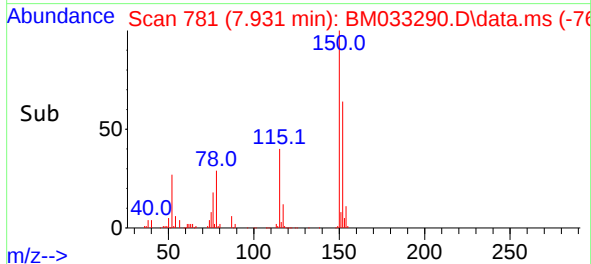
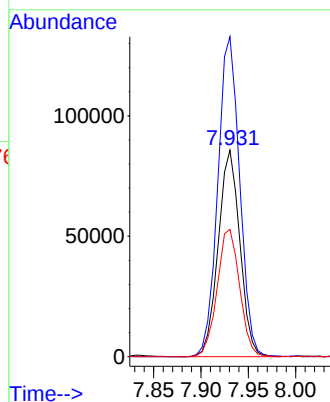
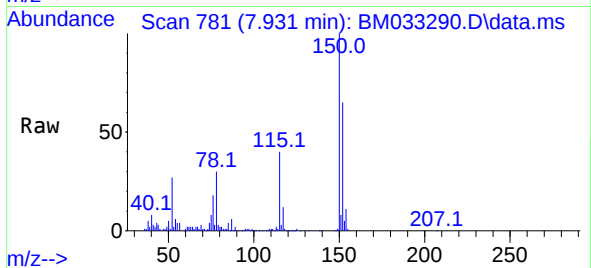




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

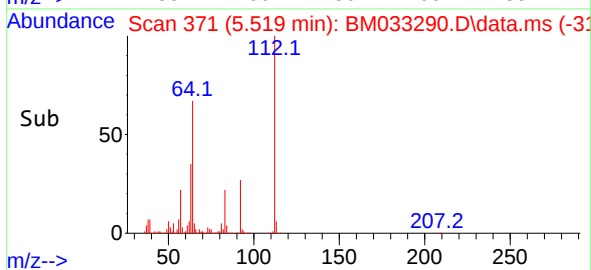
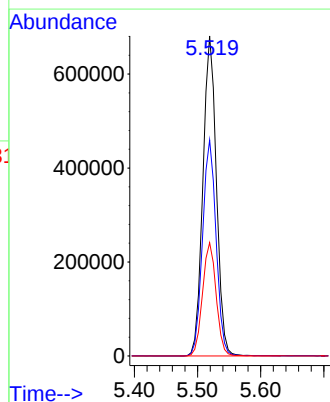
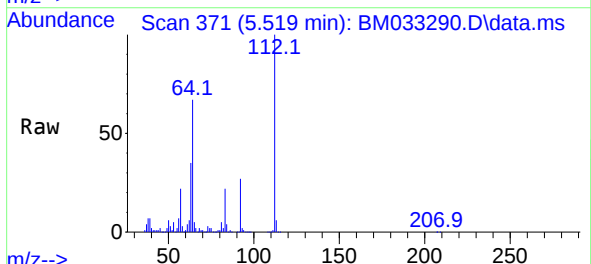
Instrument :
BNA_M
ClientSampleId :
SB-3-3.0

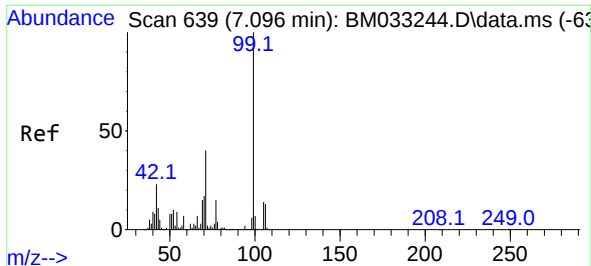
Tgt Ion:152 Resp: 136460
Ion Ratio Lower Upper
152 100
150 154.9 122.4 183.6
115 61.7 53.8 80.8



#5
2-Fluorophenol
Concen: 122.159 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion:112 Resp: 1009448
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 35.4 33.9 50.9

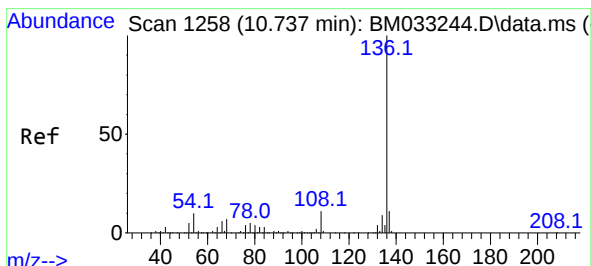
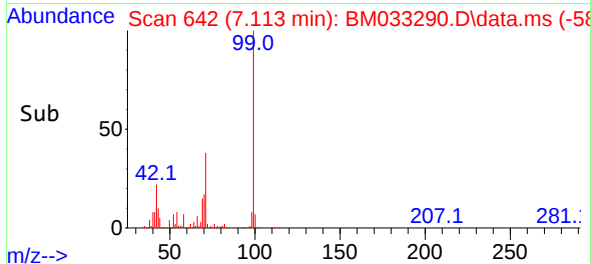
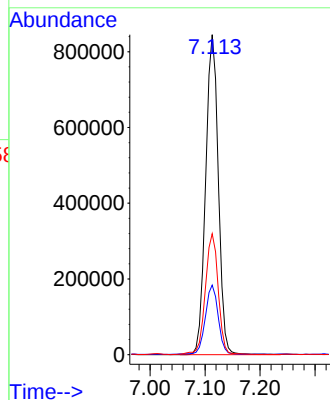
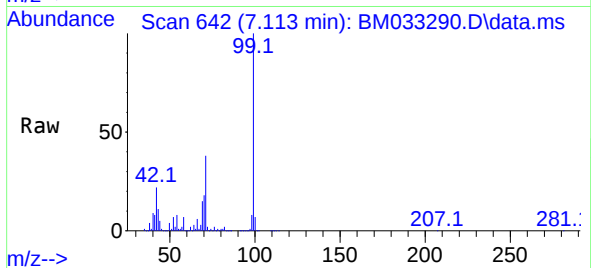




#7
Phenol-d6
Concen: 122.047 ng
RT: 7.113 min Scan# 64
Delta R.T. 0.017 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

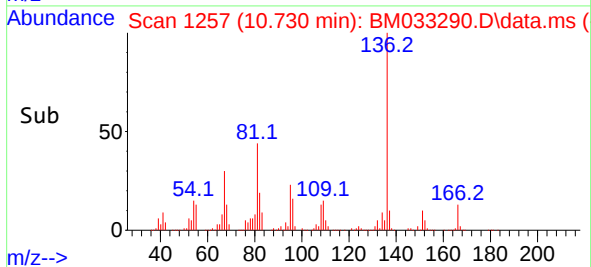
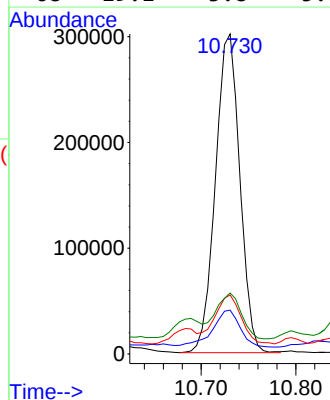
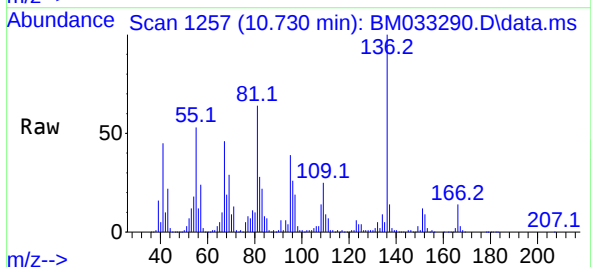
Instrument :
BNA_M
ClientSampleId :
SB-3-3.0

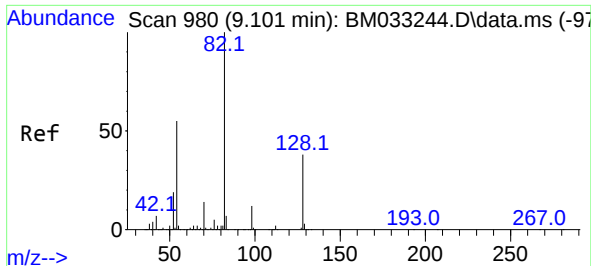
Tgt Ion: 99 Resp: 1350694
Ion Ratio Lower Upper
99 100
42 21.8 23.0 34.6#
71 37.8 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1257
Delta R.T. -0.007 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion: 136 Resp: 539204
Ion Ratio Lower Upper
136 100
137 13.7 8.7 13.1#
54 18.4 7.4 11.0#
68 19.1 3.8 5.8#

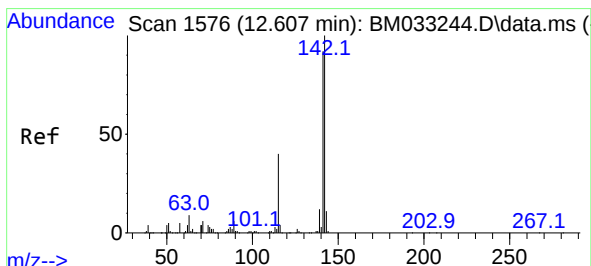
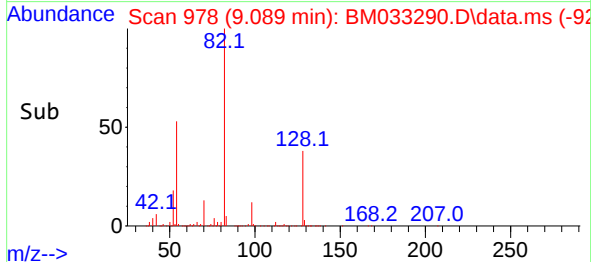
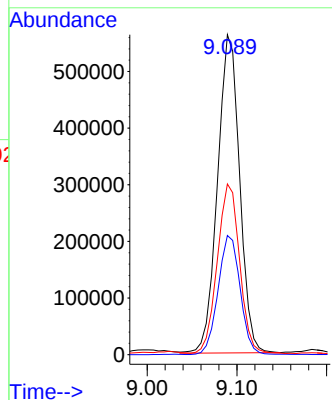
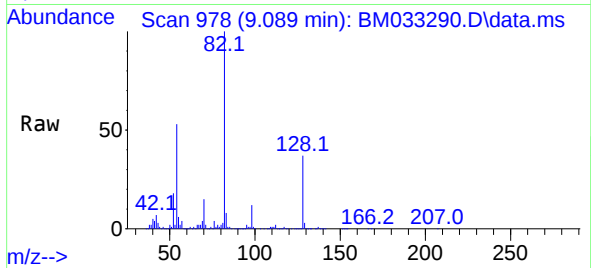




#23
Nitrobenzene-d5
Concen: 82.773 ng
RT: 9.089 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

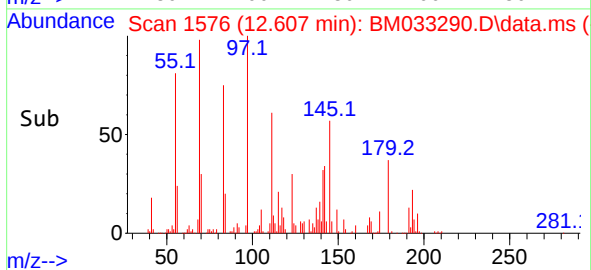
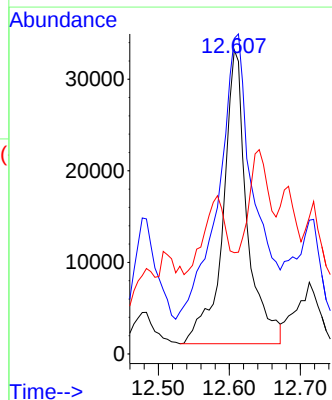
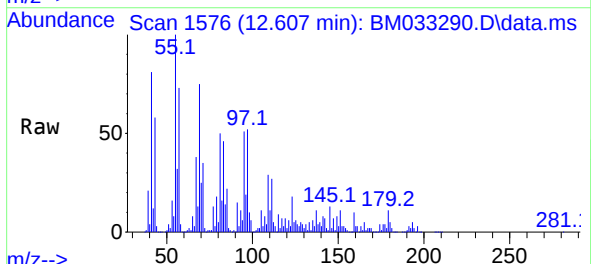
Instrument :
BNA_M
ClientSampleId :
SB-3-3.0

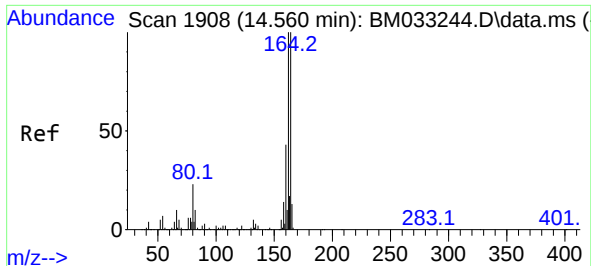
Tgt Ion: 82 Resp: 961401
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 53.3 45.8 68.8



#38
1-Methylnaphthalene
Concen: 3.993 ng
RT: 12.607 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion: 142 Resp: 75441
Ion Ratio Lower Upper
142 100
141 103.8 75.6 113.4
116 33.3 4.0 6.0

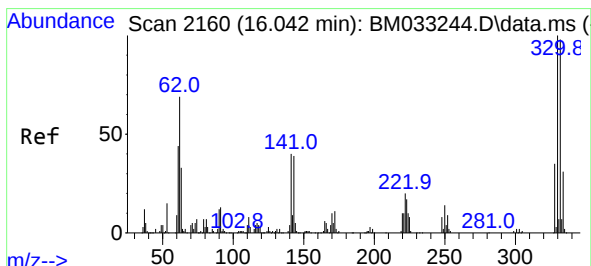
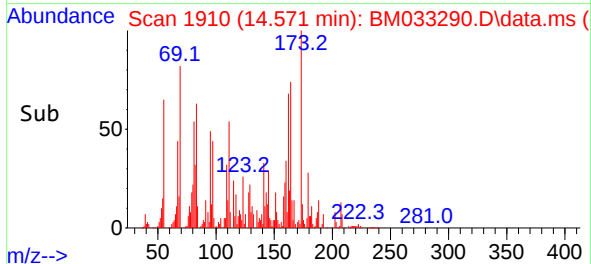
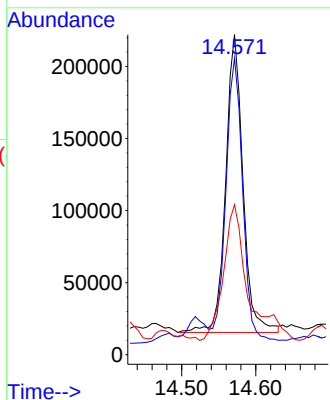
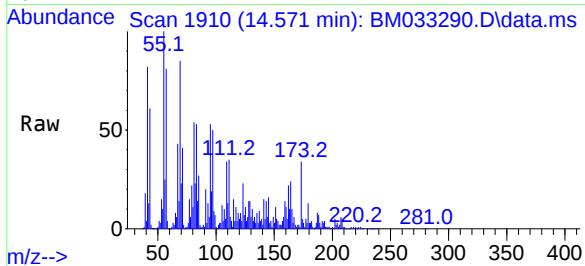




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1910
Delta R.T. 0.012 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

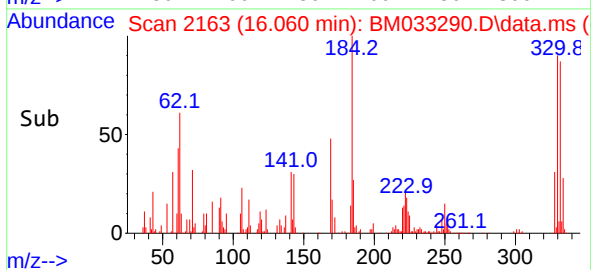
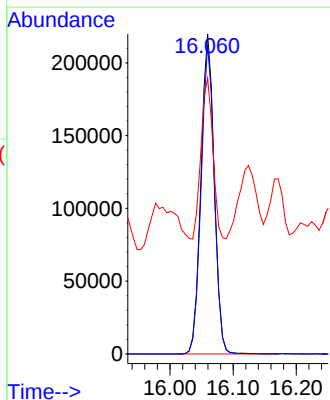
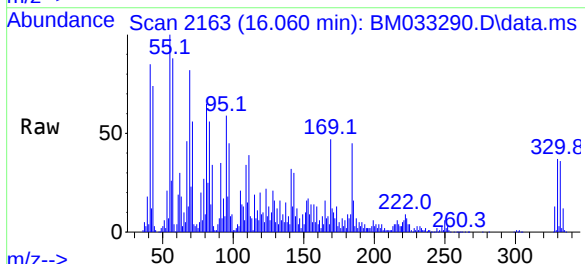
Instrument :
BNA_M
ClientSampleId :
SB-3-3.0

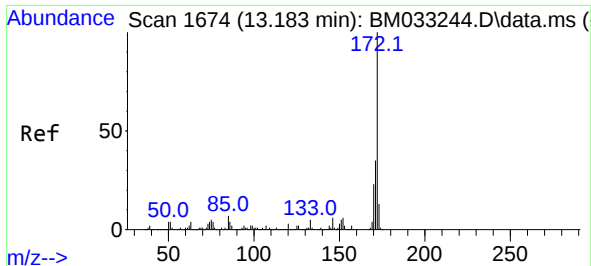
Tgt Ion:164 Resp: 336591
Ion Ratio Lower Upper
164 100
162 92.7 80.6 121.0
160 46.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 87.529 ng
RT: 16.060 min Scan# 2163
Delta R.T. 0.017 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion:330 Resp: 321159
Ion Ratio Lower Upper
330 100
332 95.8 75.7 113.5
141 44.7 50.7 76.1#

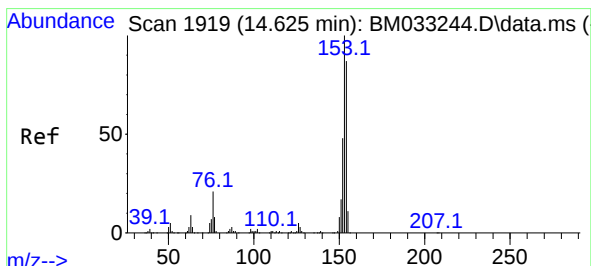
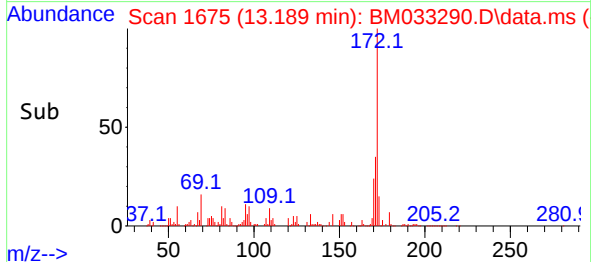
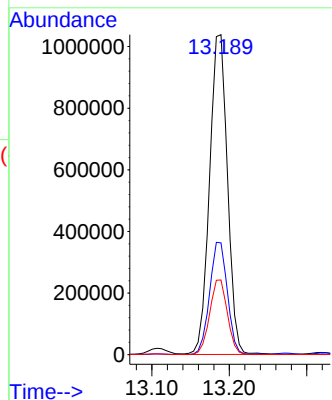
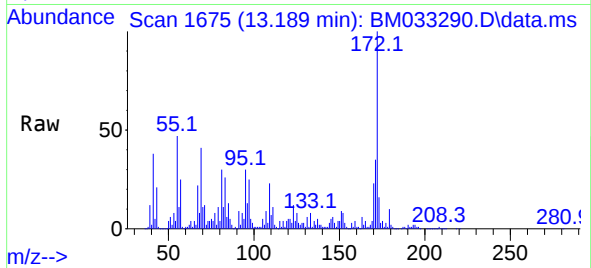




#45
2-Fluorobiphenyl
Concen: 69.788 ng
RT: 13.189 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

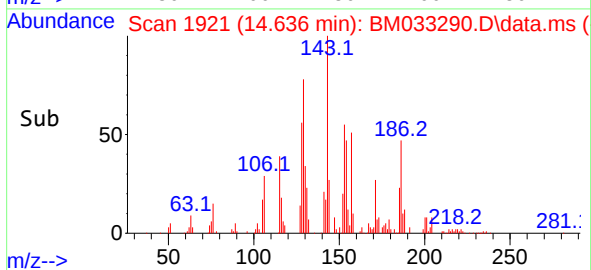
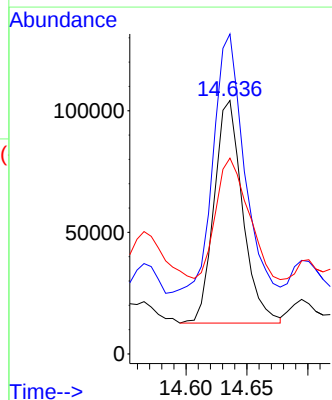
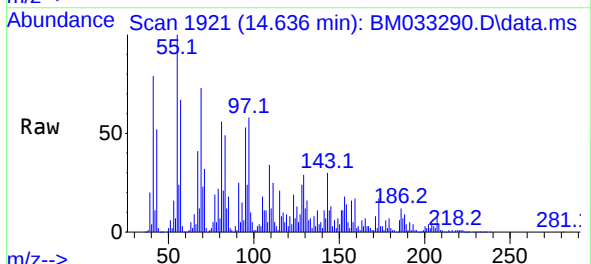
Instrument :
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ClientSampleId :
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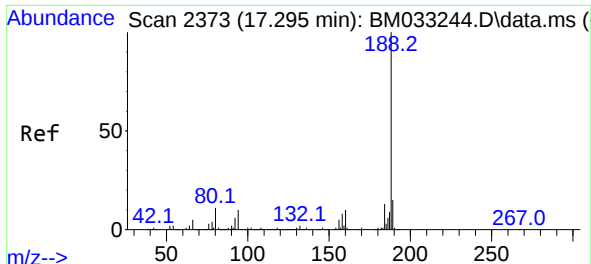
Tgt Ion:172 Resp: 1665604
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.6 27.8



#52
Acenaphthene
Concen: 8.054 ng
RT: 14.636 min Scan# 1921
Delta R.T. 0.012 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion:154 Resp: 149457
Ion Ratio Lower Upper
154 100
153 126.3 92.4 138.6
152 77.3 43.7 65.5#

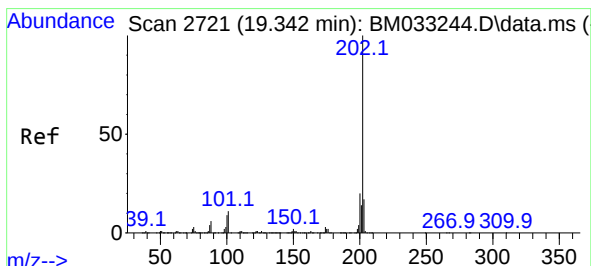
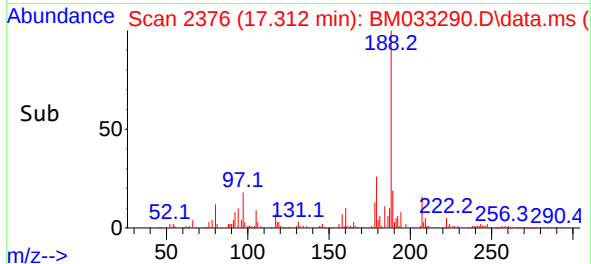
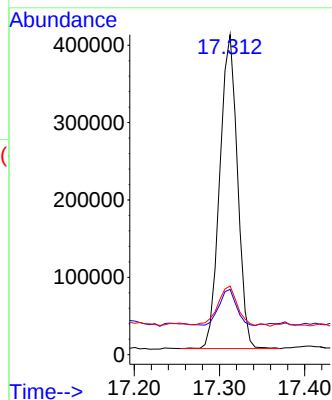
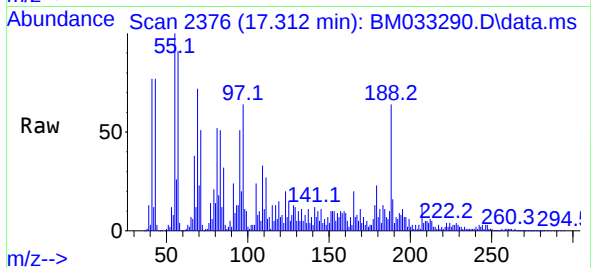




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 21
Delta R.T. 0.017 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

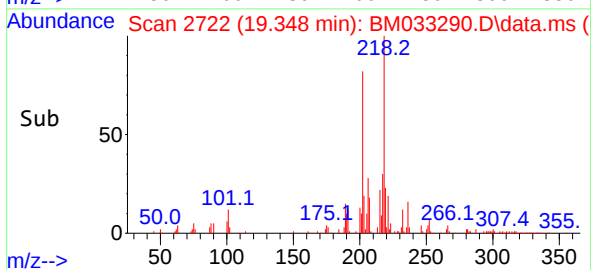
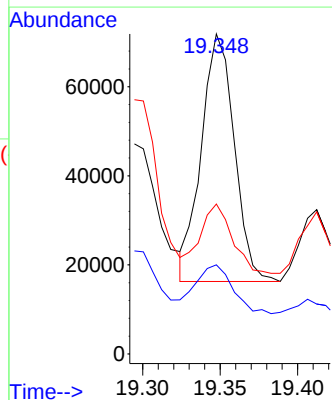
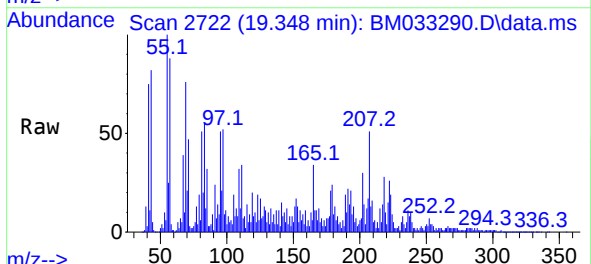
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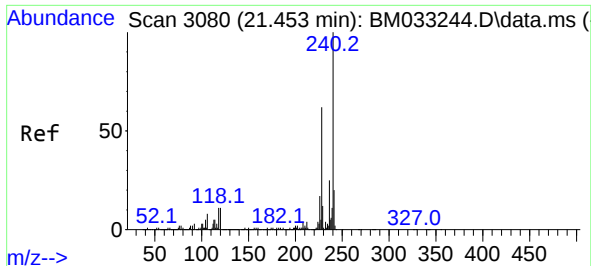
Tgt Ion:188 Resp: 585740
Ion Ratio Lower Upper
188 100
94 20.4 6.3 9.5#
80 21.4 7.3 10.9#



#75
Fluoranthene
Concen: 2.222 ng
RT: 19.348 min Scan# 2722
Delta R.T. 0.006 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion:202 Resp: 82230
Ion Ratio Lower Upper
202 100
101 27.8 0.0 29.9
203 46.8 0.0 36.8#

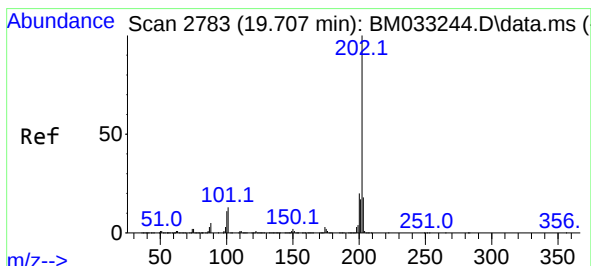
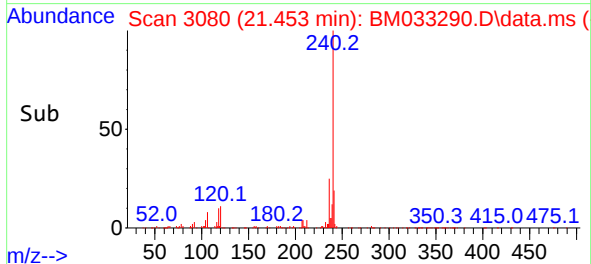
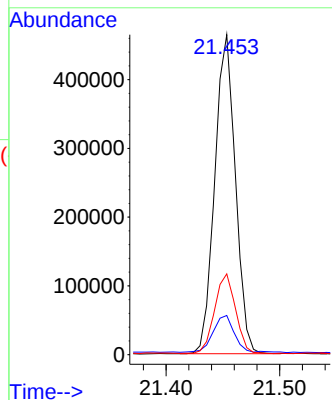
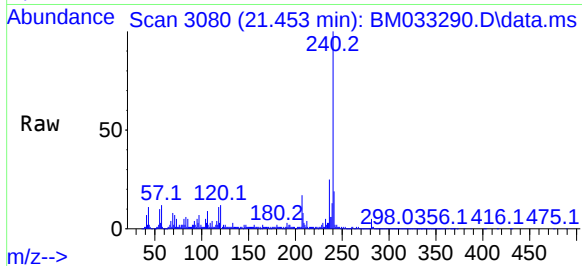




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.453 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

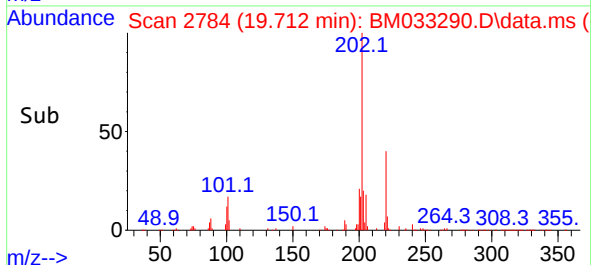
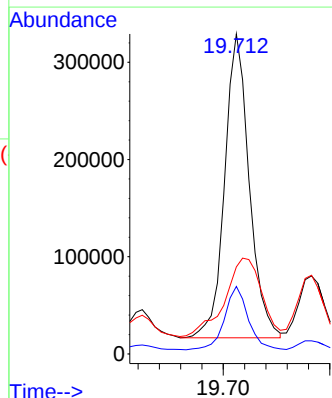
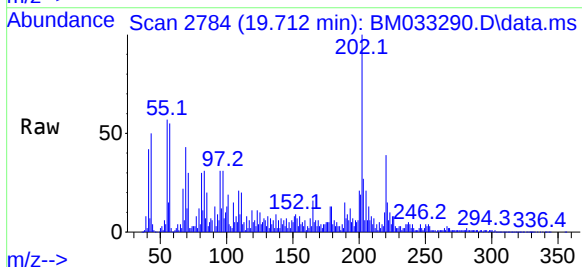
Instrument :
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ClientSampleId :
SB-3-3.0

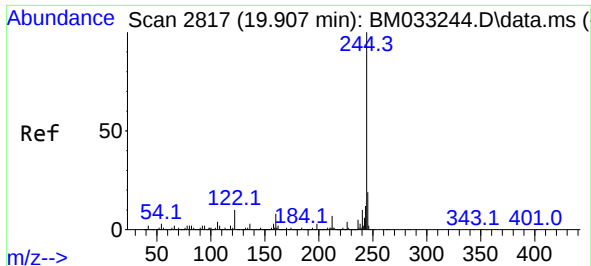
Tgt Ion:240 Resp: 586166
Ion Ratio Lower Upper
240 100
120 12.3 7.8 11.6#
236 25.3 20.9 31.3



#78
Pyrene
Concen: 12.987 ng
RT: 19.712 min Scan# 2784
Delta R.T. 0.006 min
Lab File: BM033290.D
Acq: 03 Dec 2021 17:25

Tgt Ion:202 Resp: 501129
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 27.2 13.7 20.5#

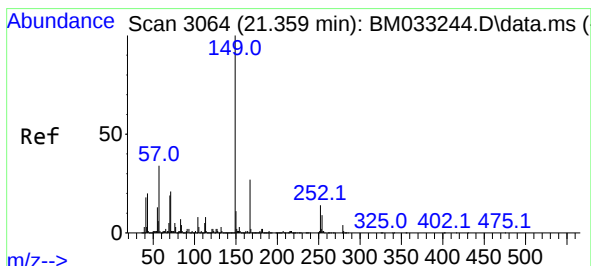
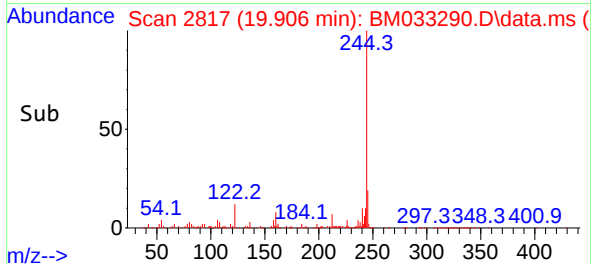
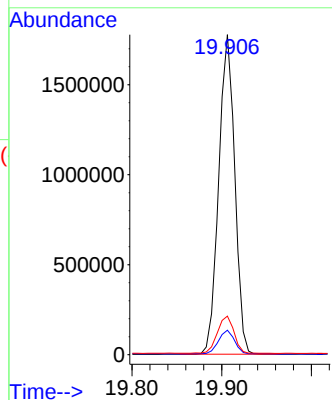
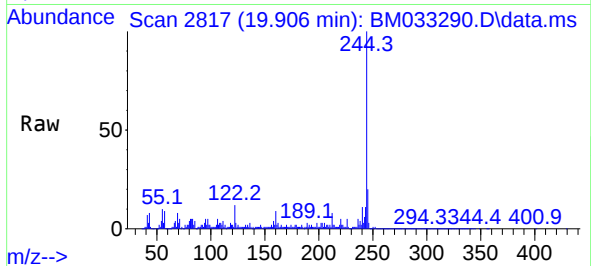




#79
 Terphenyl-d14
 Concen: 74.384 ng
 RT: 19.906 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033290.D
 Acq: 03 Dec 2021 17:25

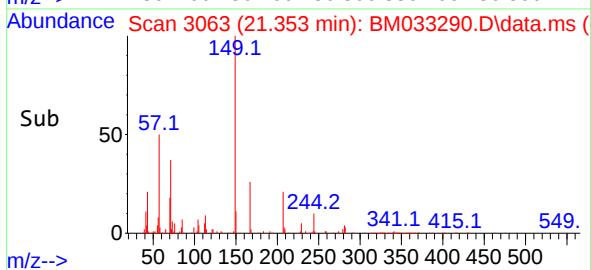
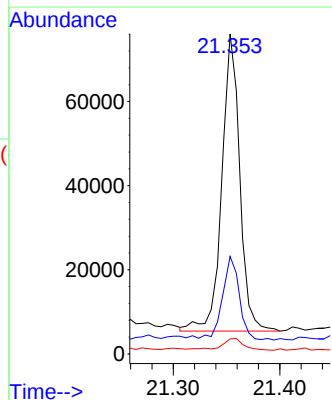
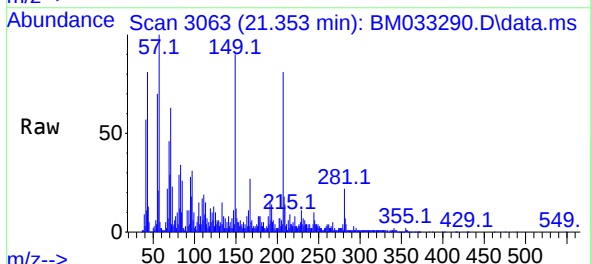
Instrument :
 BNA_M
 ClientSampleId :
 SB-3-3.0

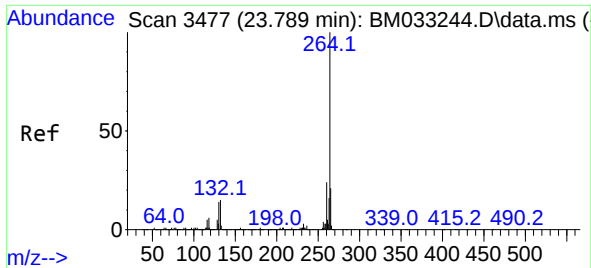
Tgt Ion:244 Resp: 2204984
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 12.1 8.7 13.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.059 ng
 RT: 21.353 min Scan# 3063
 Delta R.T. -0.006 min
 Lab File: BM033290.D
 Acq: 03 Dec 2021 17:25

Tgt Ion:149 Resp: 82491
 Ion Ratio Lower Upper
 149 100
 167 30.5 19.7 29.5#
 279 4.7 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.783 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM033290.D
 Acq: 03 Dec 2021 17:25

Instrument :
 BNA_M
 ClientSampleId :
 SB-3-3.0

Tgt Ion:264 Resp: 592925
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.3 18.3 27.5

