

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033559.D
 Acq On : 21 Dec 2021 18:14
 Operator : CG/JU
 Sample : M5182-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Dec 22 03:38:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 16:25:49 2021
 Response via : Initial Calibration

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

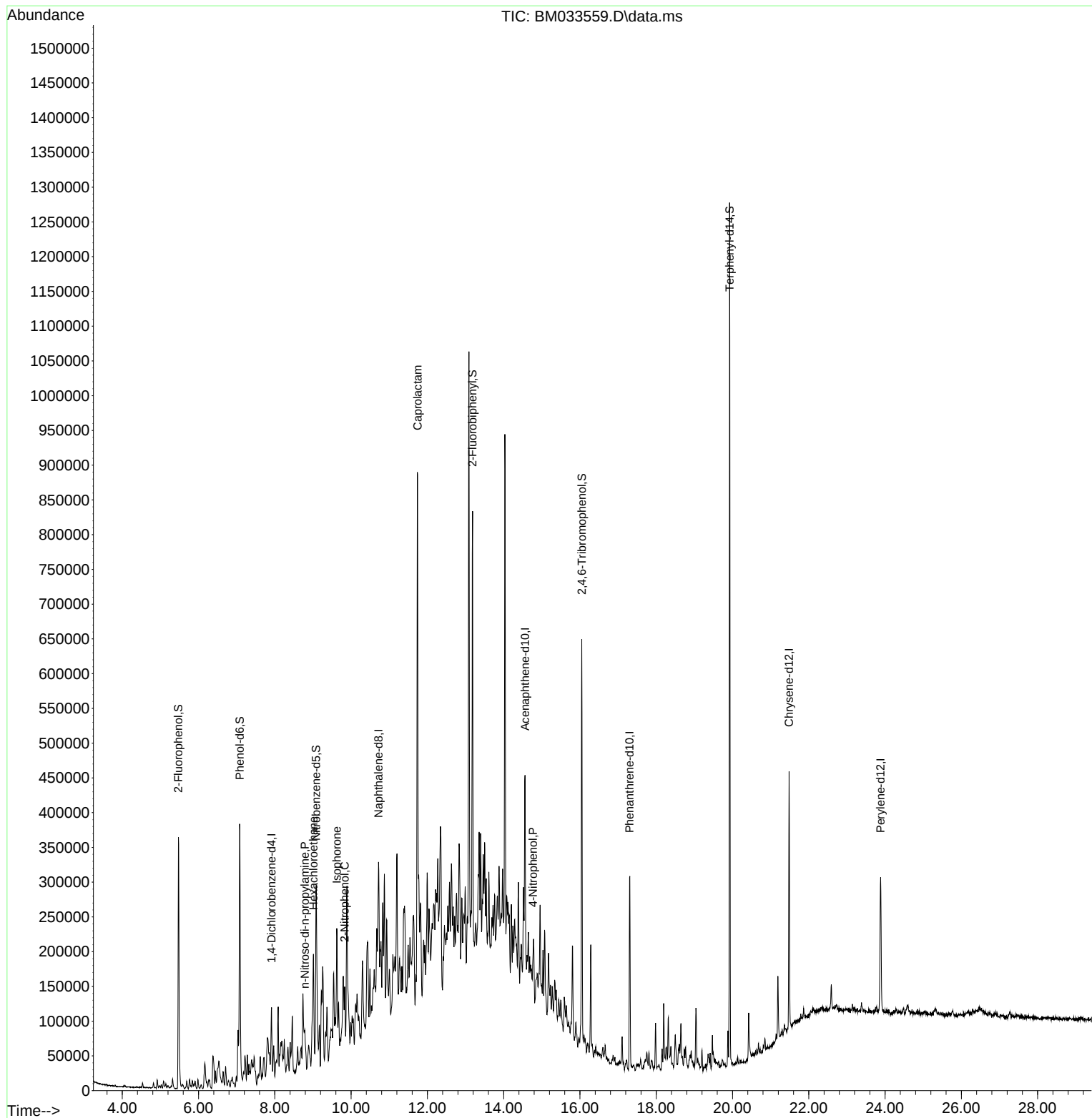
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	23359	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	99156	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	72026	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	160405	20.000	ng	0.00
76) Chrysene-d12	21.483	240	159056	20.000	ng	0.00
86) Perylene-d12	23.883	264	142967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	130674	96.289	ng	0.00
7) Phenol-d6	7.078	99	171114	90.062	ng	0.00
23) Nitrobenzene-d5	9.084	82	130105	54.500	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	78756	88.801	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	291218	57.005	ng	0.00
79) Terphenyl-d14	19.924	244	507136	53.034	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.037	77	1760	Below Cal	#	7
18) Hexachloroethane	9.013	117	3844	5.240	ng	# 1
19) n-Nitroso-di-n-propyla...	8.790	70	5847	3.951	ng	# 78
25) Isophorone	9.625	82	15275	4.060	ng	# 1
26) 2-Nitrophenol	9.831	139	1800	2.065	ng	# 6
35) Caprolactam	11.742	113	25437	77.496	ng	# 37
56) 4-Nitrophenol	14.772	139	2832	3.370	ng	# 65

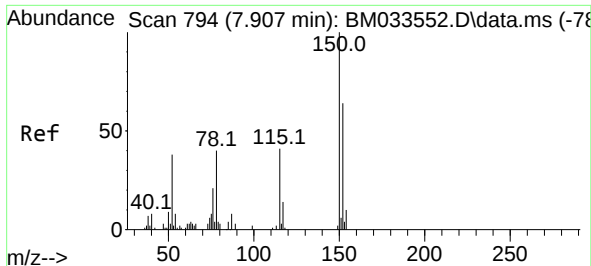
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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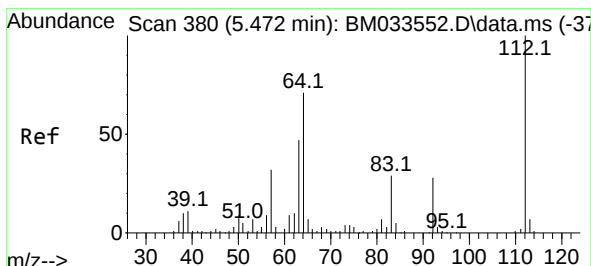
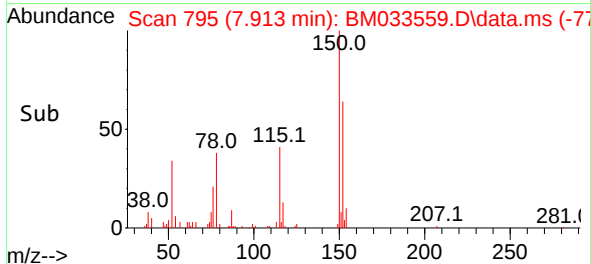
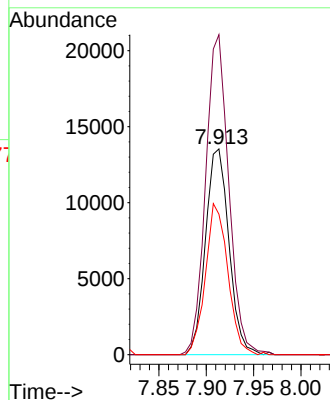
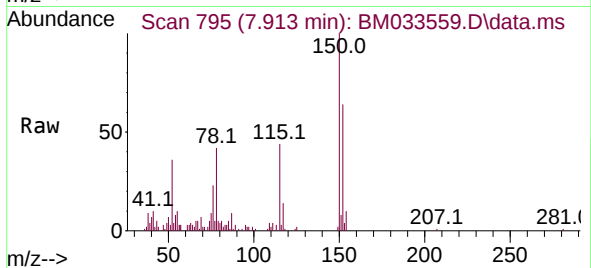




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 794
Delta R.T. 0.006 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

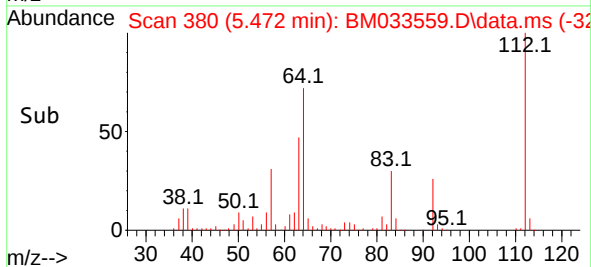
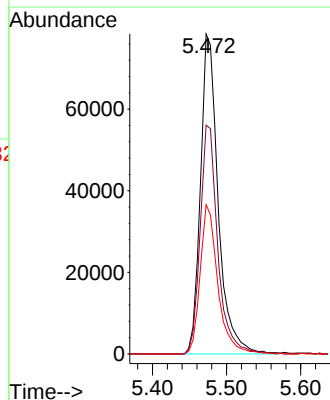
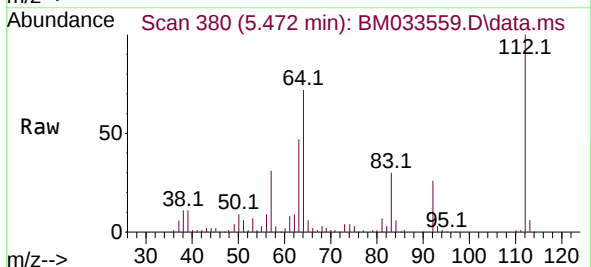
Instrument :
BNA_M
ClientSampleId :
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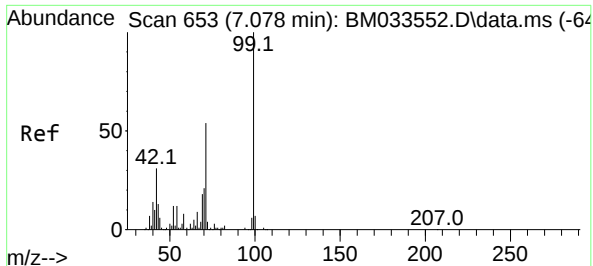
Tgt Ion:152 Resp: 23359
Ion Ratio Lower Upper
152 100
150 155.5 128.9 193.3
115 68.2 53.0 79.6



#5
2-Fluorophenol
Concen: 96.289 ng
RT: 5.472 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:112 Resp: 130674
Ion Ratio Lower Upper
112 100
64 71.5 55.5 83.3
63 46.6 31.3 46.9

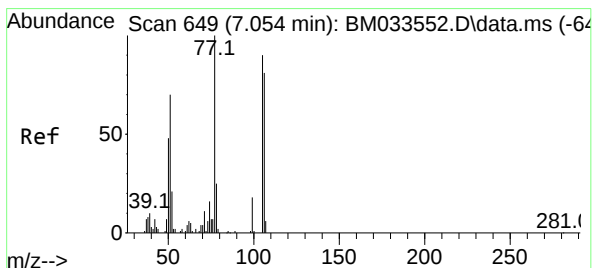
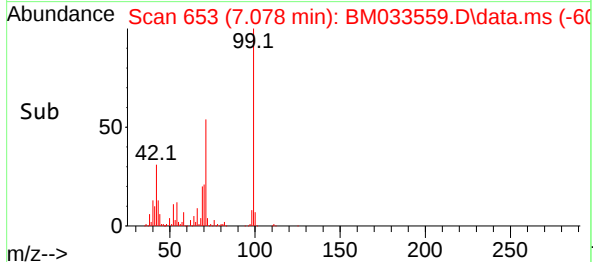
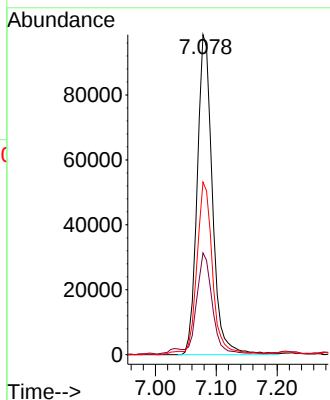
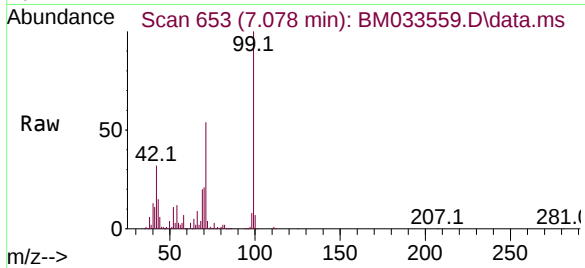




#7
Phenol-d6
Concen: 90.062 ng
RT: 7.078 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

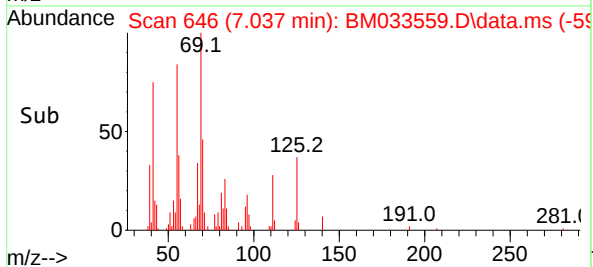
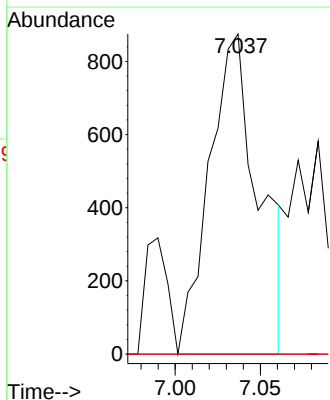
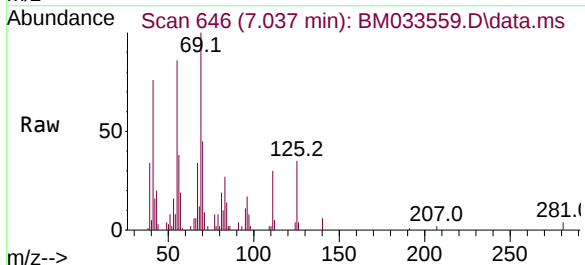
Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

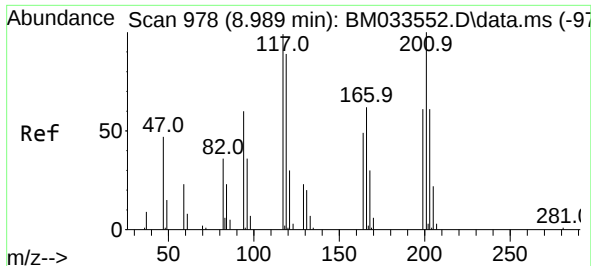
Tgt Ion: 99 Resp: 171114
Ion Ratio Lower Upper
99 100
42 31.8 20.3 30.5#
71 54.0 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.037 min Scan# 646
Delta R.T. -0.017 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

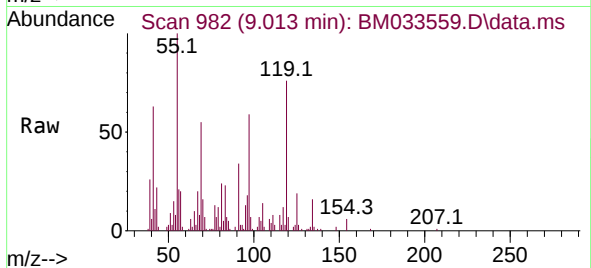
Tgt Ion: 77 Resp: 1760
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



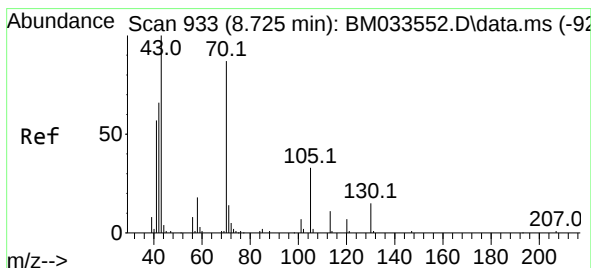
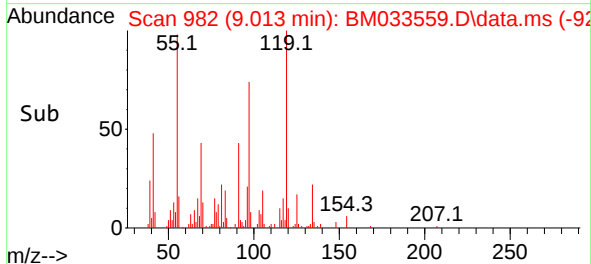
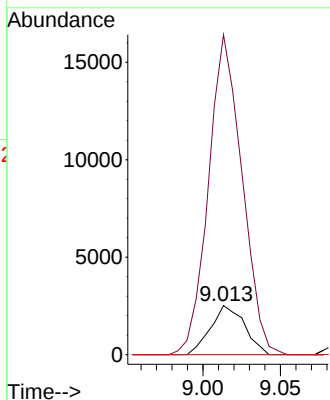


#18
Hexachloroethane
Concen: 5.240 ng
RT: 9.013 min Scan# 91
Delta R.T. 0.024 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Instrument :
BNA_M
ClientSampleId :
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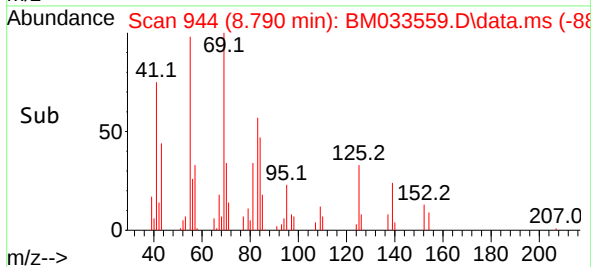
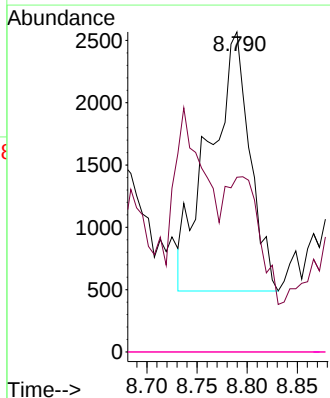
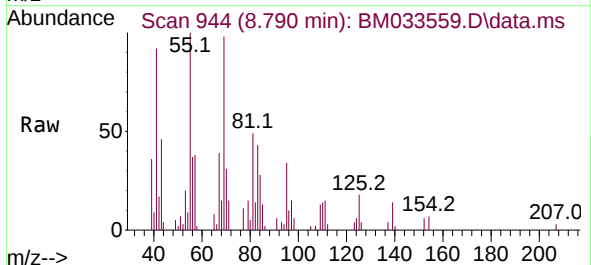


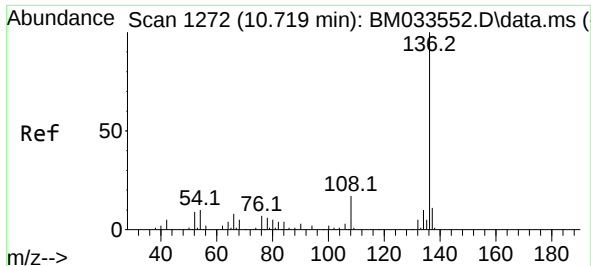
Tgt Ion:117 Resp: 3844
Ion Ratio Lower Upper
117 100
119 651.9 75.0 112.6#
201 0.0 75.2 112.8#



#19
n-Nitroso-di-n-propylamine
Concen: 3.951 ng
RT: 8.790 min Scan# 944
Delta R.T. 0.065 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

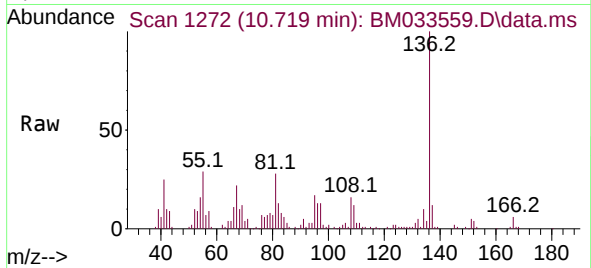
Tgt Ion: 70 Resp: 5847
Ion Ratio Lower Upper
70 100
42 54.6 54.1 81.1
101 0.0 7.8 11.6#
130 0.0 13.9 20.9#



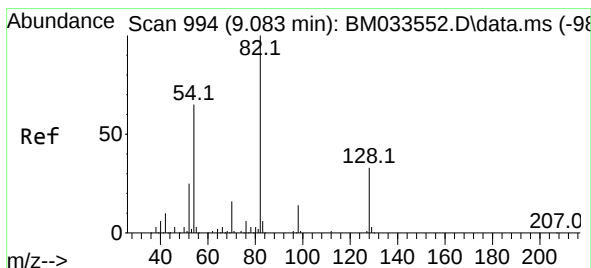
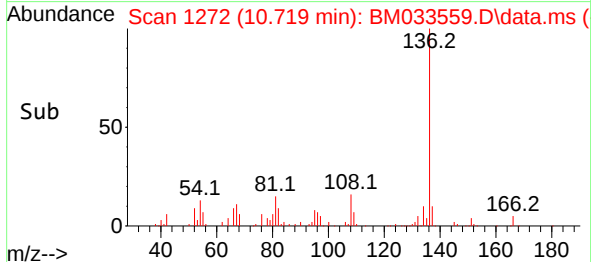
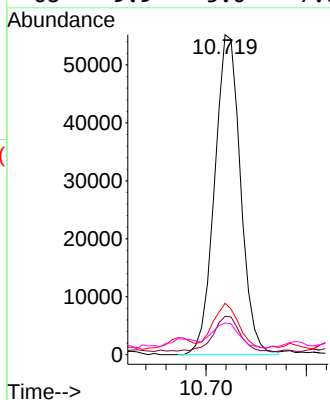


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Instrument :
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ClientSampleId :
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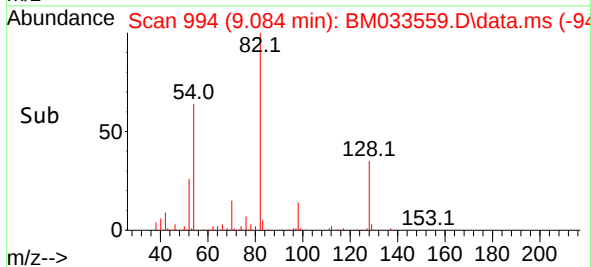
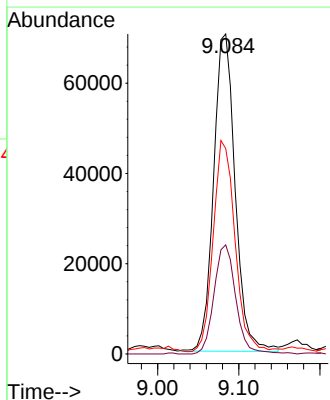
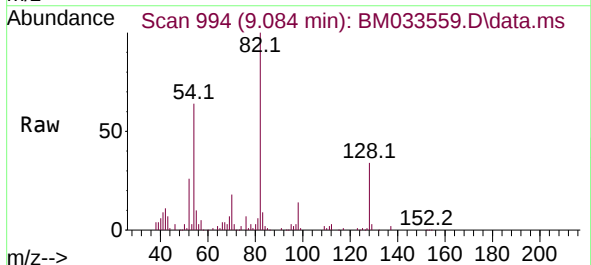


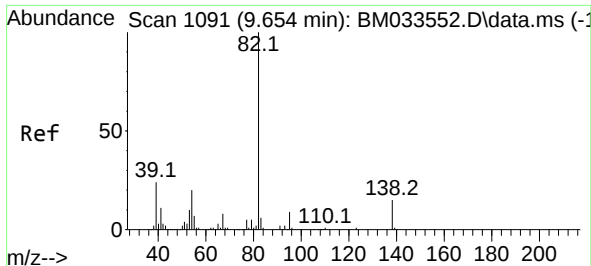
Tgt Ion:	136	Resp:	99156
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.6	13.0
54	16.1	8.3	12.5#
68	9.9	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 54.500 ng
RT: 9.084 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:	82	Resp:	130105
Ion Ratio	Lower	Upper	
82	100		
128	34.1	28.1	42.1
54	64.2	46.1	69.1

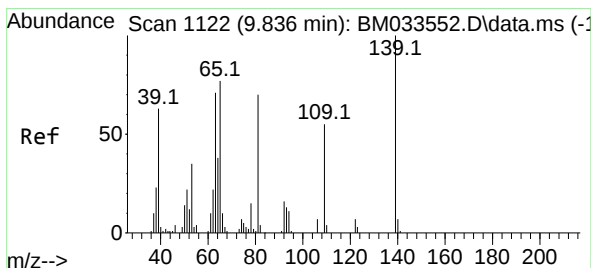
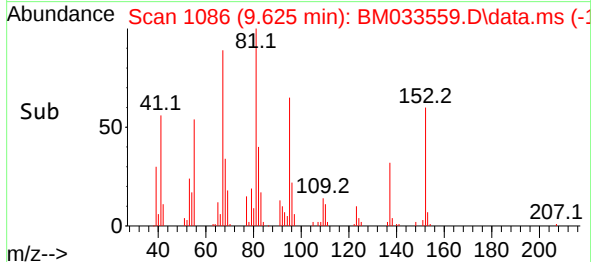
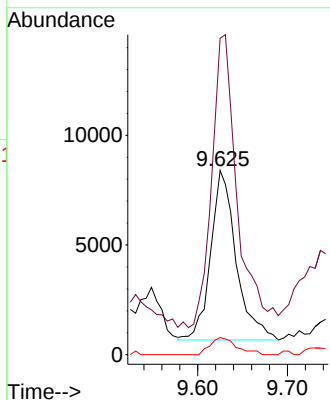
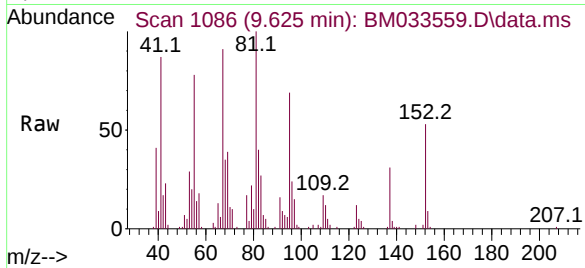




#25
Isophorone
Concen: 4.060 ng
RT: 9.625 min Scan# 1086
Delta R.T. -0.029 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

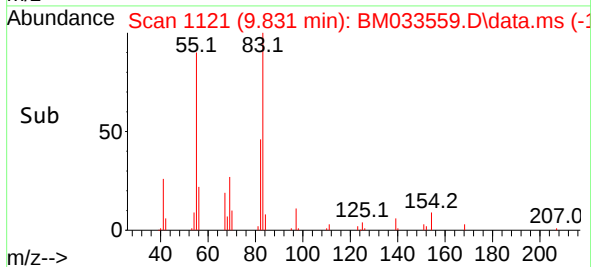
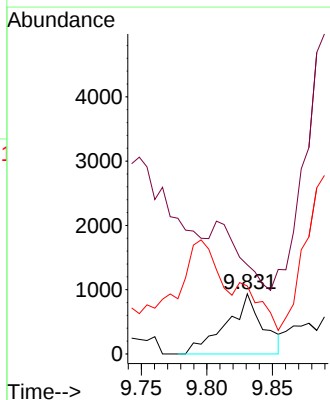
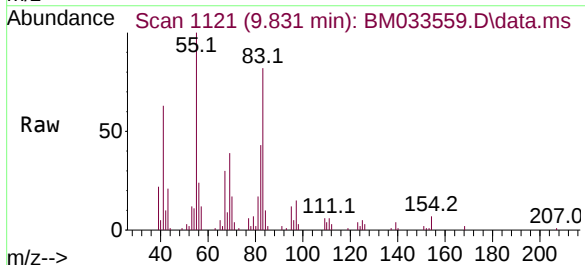
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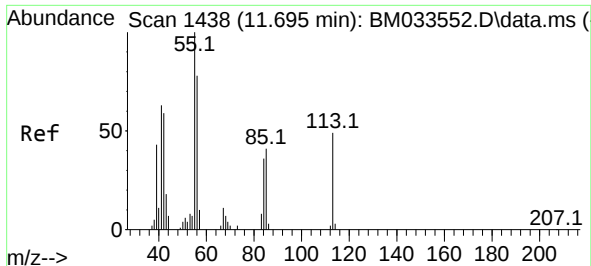
Tgt Ion: 82 Resp: 15275
Ion Ratio Lower Upper
82 100
95 171.9 6.4 9.6#
138 9.3 12.4 18.6#



#26
2-Nitrophenol
Concen: 2.065 ng
RT: 9.831 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:139 Resp: 1800
Ion Ratio Lower Upper
139 100
109 148.1 33.0 49.6#
65 112.9 57.2 85.8#

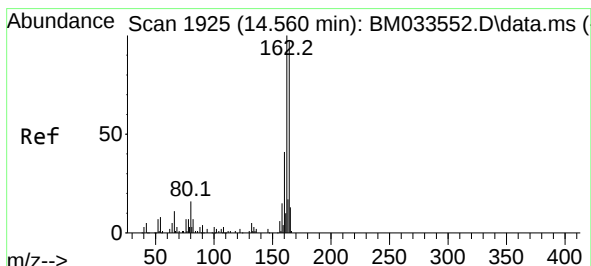
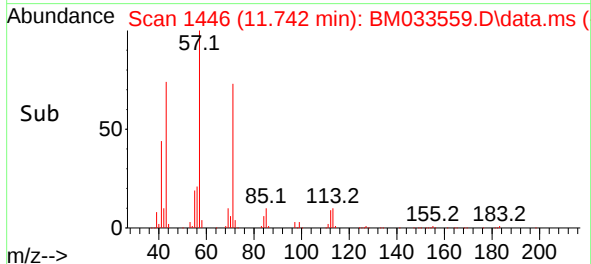
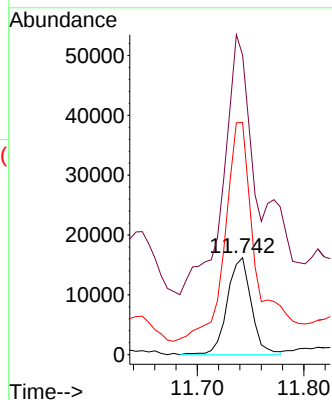
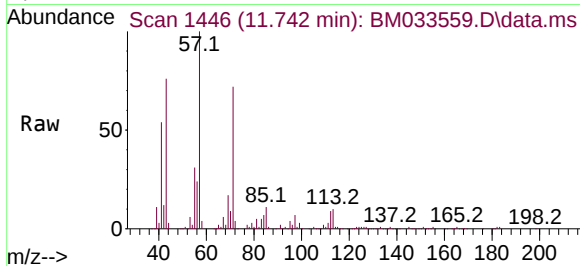




#35
Caprolactam
Concen: 77.496 ng
RT: 11.742 min Scan# 1438
Delta R.T. 0.047 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

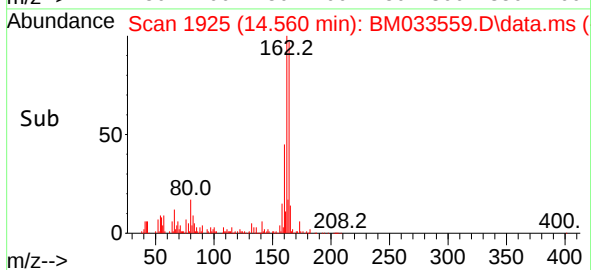
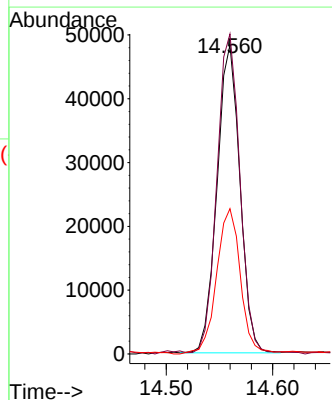
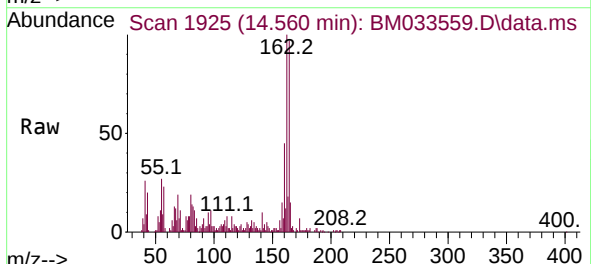
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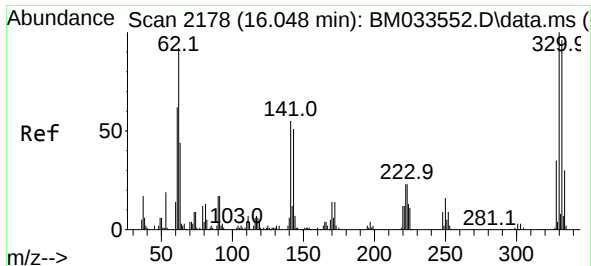
Tgt Ion:113 Resp: 25437
Ion Ratio Lower Upper
113 100
55 309.0 183.6 223.6#
56 239.6 143.7 183.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

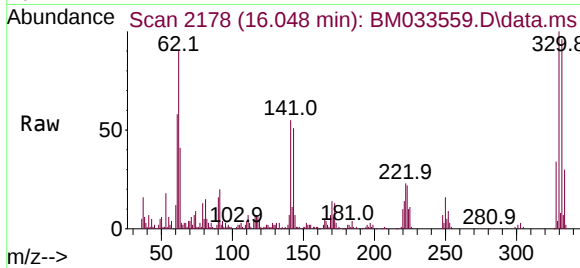
Tgt Ion:164 Resp: 72026
Ion Ratio Lower Upper
164 100
162 103.5 79.7 119.5
160 47.0 34.2 51.4



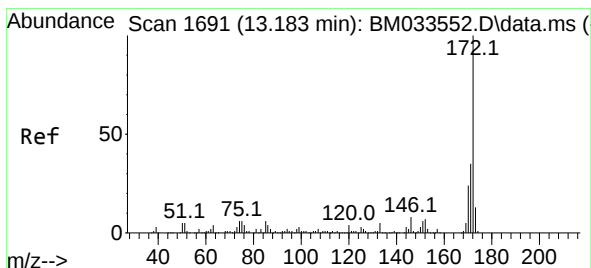
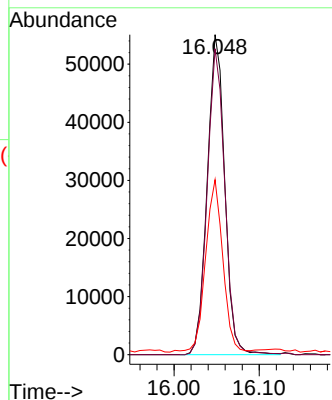
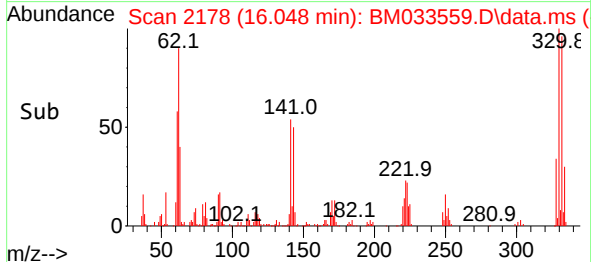


#42
2,4,6-Tribromophenol
Concen: 88.801 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

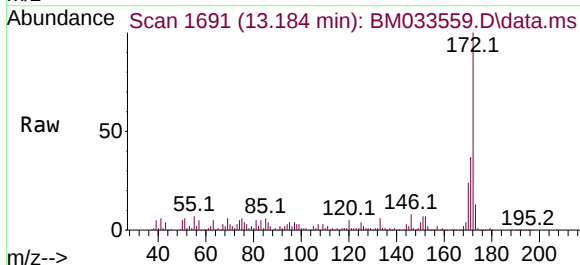
Instrument :
BNA_M
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BLIND-DUPLICATE



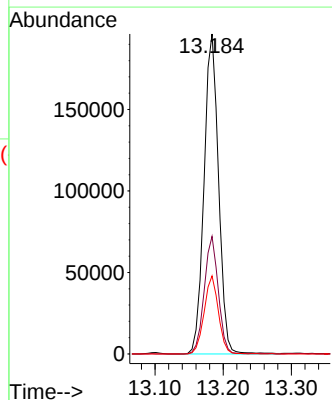
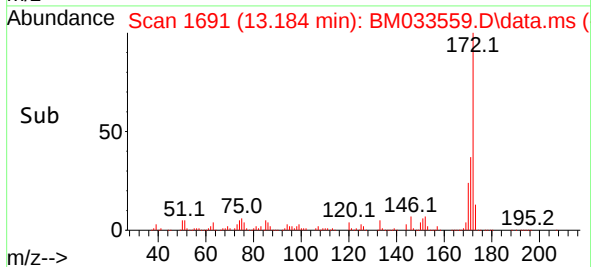
Tgt Ion:330 Resp: 78756
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 53.2 35.9 53.9

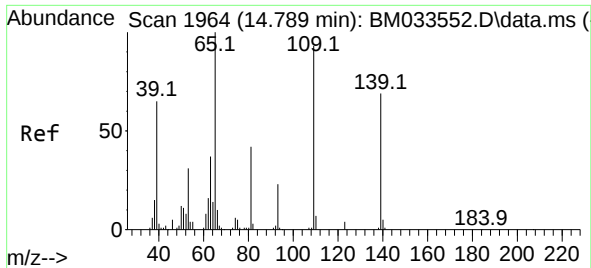


#45
2-Fluorobiphenyl
Concen: 57.005 ng
RT: 13.184 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14



Tgt Ion:172 Resp: 291218
Ion Ratio Lower Upper
172 100
171 36.7 27.2 40.8
170 24.4 18.7 28.1

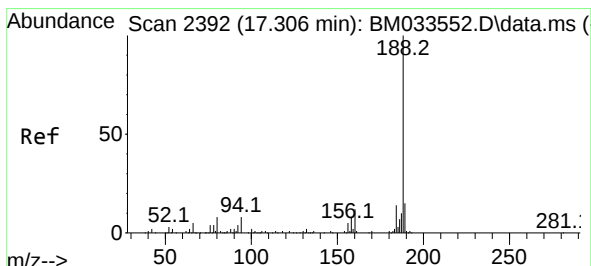
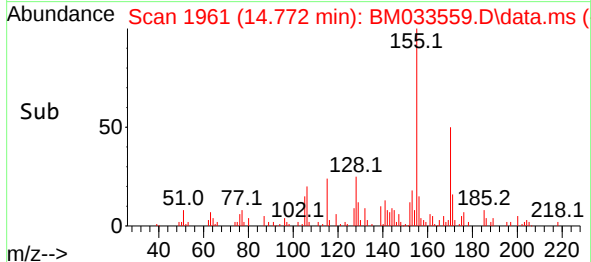
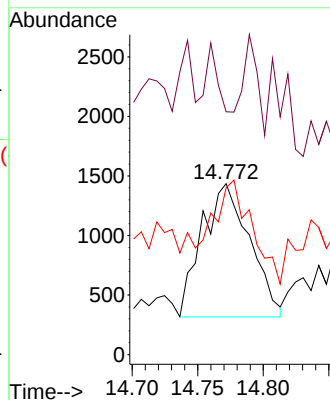
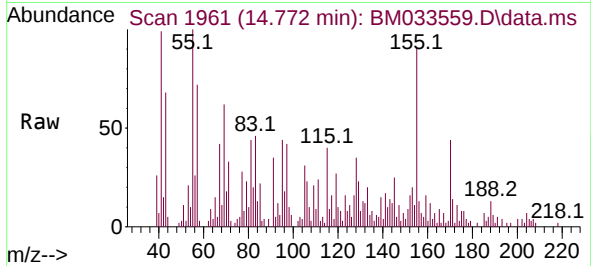




#56
4-Nitrophenol
Concen: 3.370 ng
RT: 14.772 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

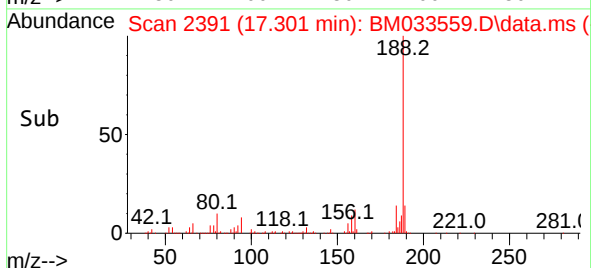
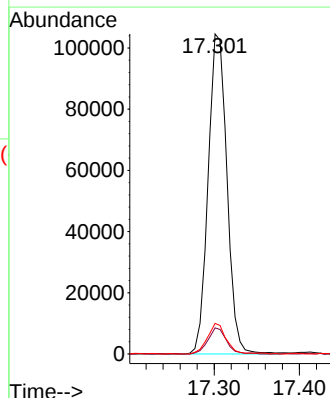
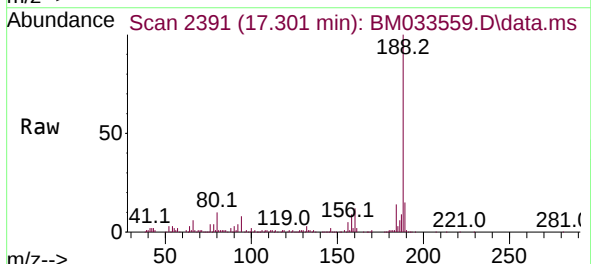
Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

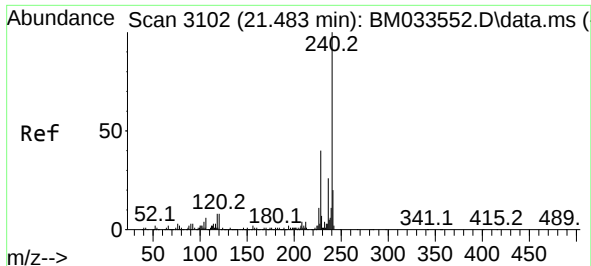
Tgt Ion:139 Resp: 2832
Ion Ratio Lower Upper
139 100
109 141.9 75.3 115.3#
65 97.6 107.4 147.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:188 Resp: 160405
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 9.5 8.9 13.3

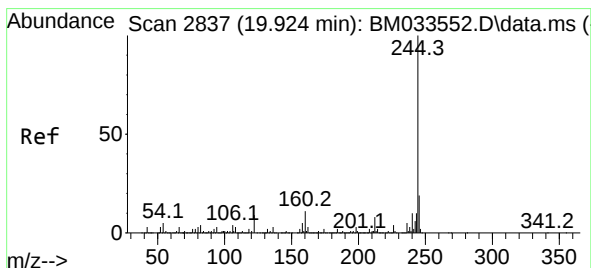
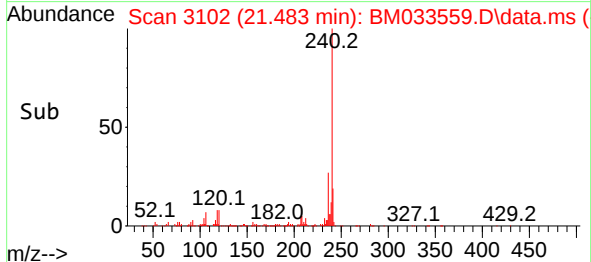
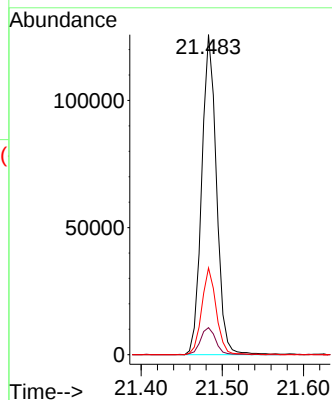
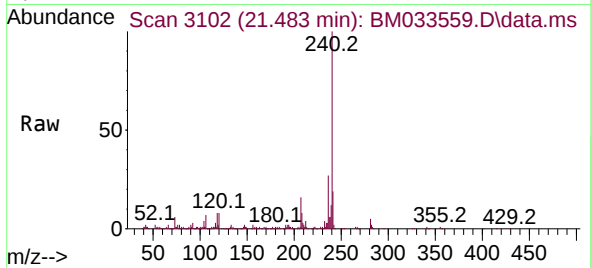




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

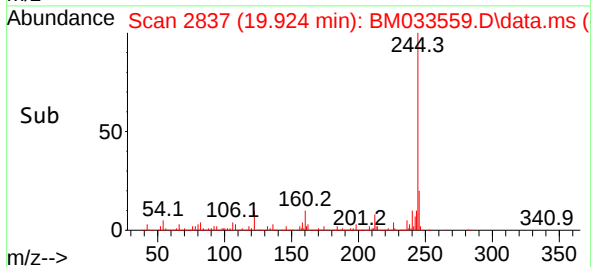
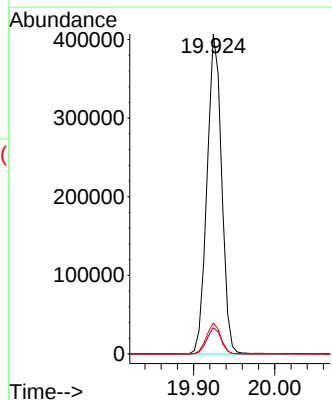
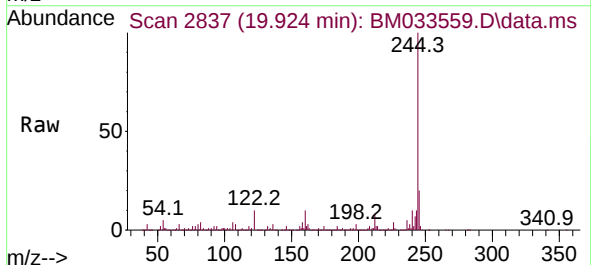
Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

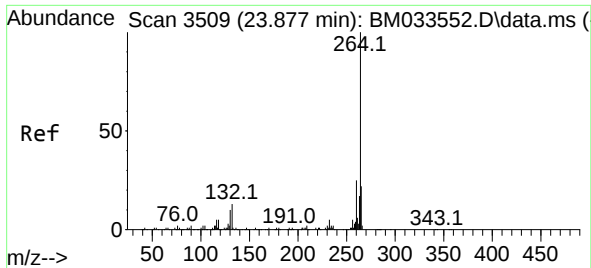
Tgt Ion:240 Resp: 159056
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 27.1 20.3 30.5



#79
Terphenyl-d14
Concen: 53.034 ng
RT: 19.924 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BM033559.D
Acq: 21 Dec 2021 18:14

Tgt Ion:244 Resp: 507136
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 9.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.883 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM033559.D
 Acq: 21 Dec 2021 18:14

Instrument :
 BNA_M
 ClientSampleId :
 BLIND-DUPLICATE

Tgt Ion:264	Resp:	142967
Ion	Ratio	Lower Upper
264	100	
260	24.6	17.7 26.5
265	22.6	17.7 26.5

