

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033564.D
 Acq On : 21 Dec 2021 21:14
 Operator : CG/JU
 Sample : M5182-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Dec 22 03:40:03 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)

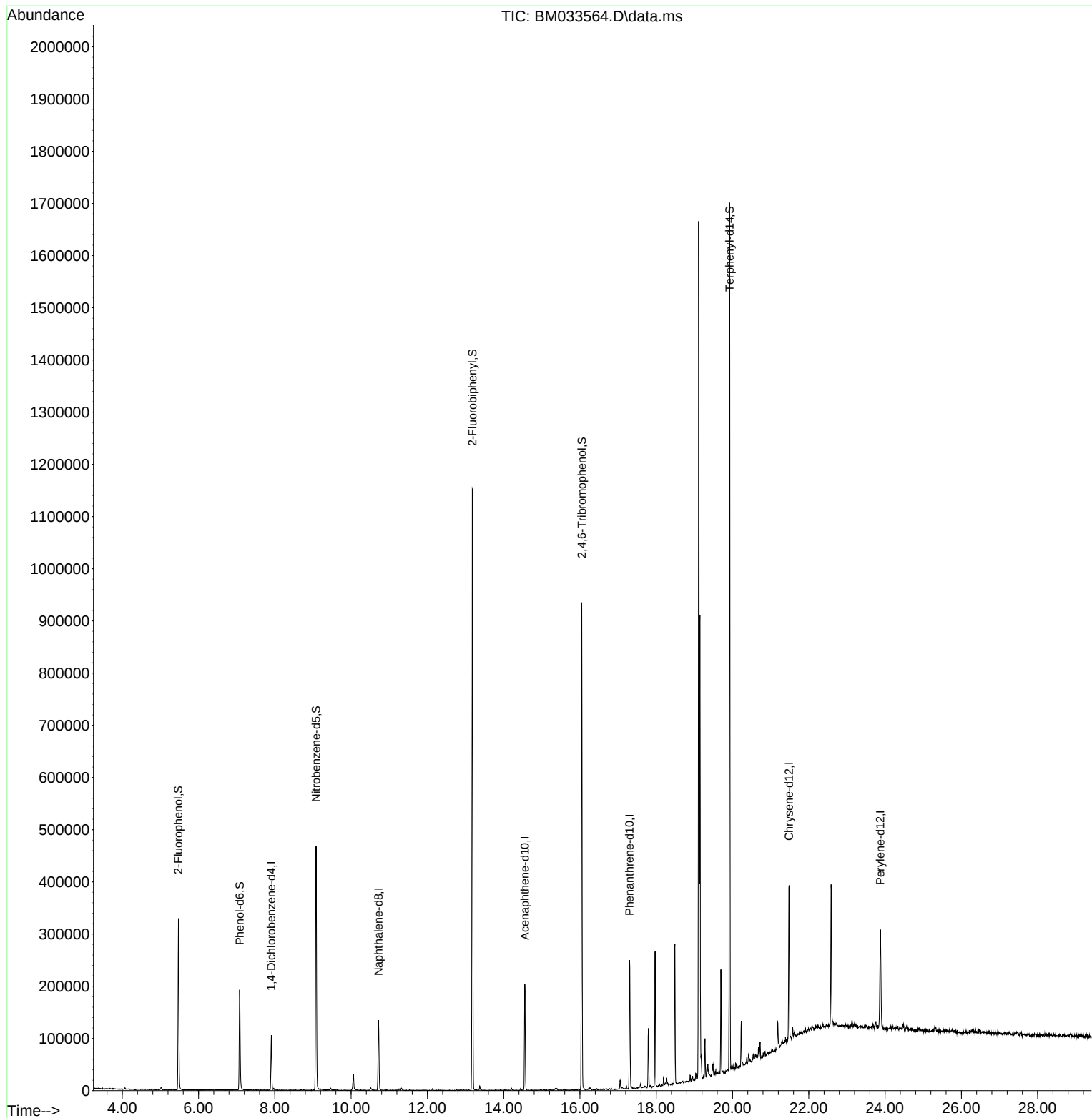
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	23736	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	97829	20.000	ng	# 0.00
39) Acenaphthene-d10	14.554	164	65631	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	136018	20.000	ng	# 0.00
76) Chrysene-d12	21.483	240	138337	20.000	ng	0.00
86) Perylene-d12	23.877	264	136133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	105110	76.222	ng	0.00
7) Phenol-d6	7.078	99	84853	43.951	ng	0.00
23) Nitrobenzene-d5	9.084	82	249609	105.978	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	118748	146.940	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	520308	111.772	ng	0.00
79) Terphenyl-d14	19.924	244	648538	77.979	ng	0.00
Target Compounds						
9) Benzaldehyde	7.072	77	267	Below Cal	#	7

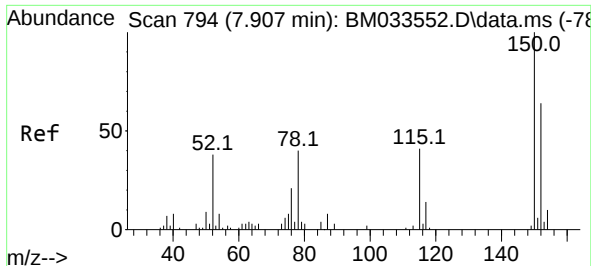
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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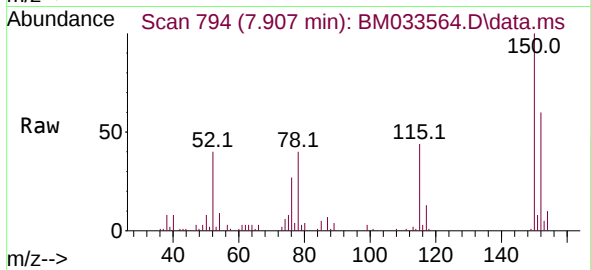
Quant Time: Dec 22 03:40:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
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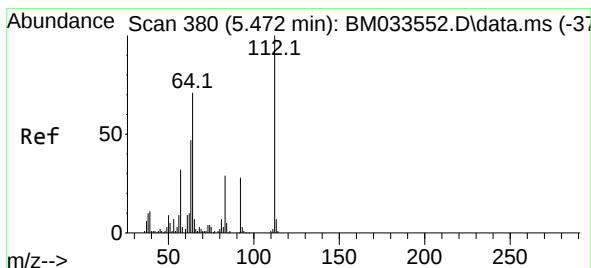
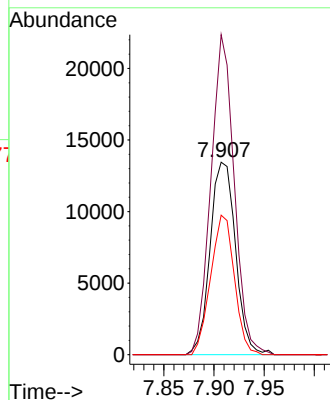
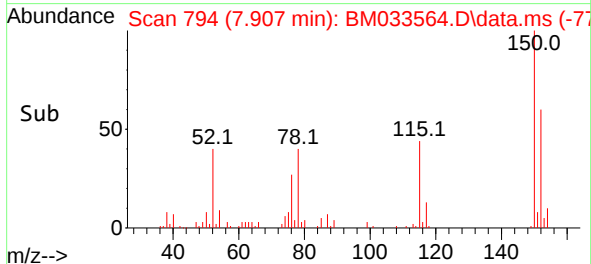


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Instrument :
BNA_M
ClientSampleId :
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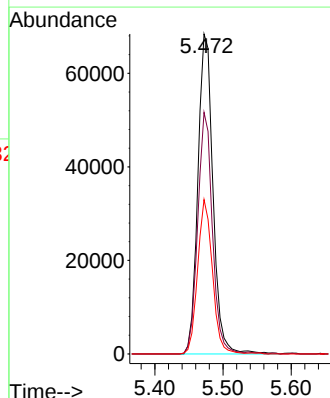
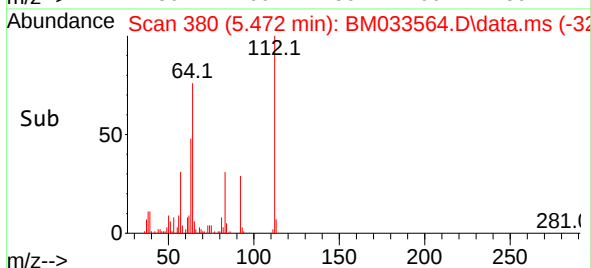
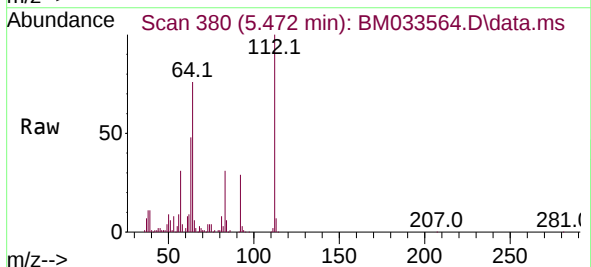


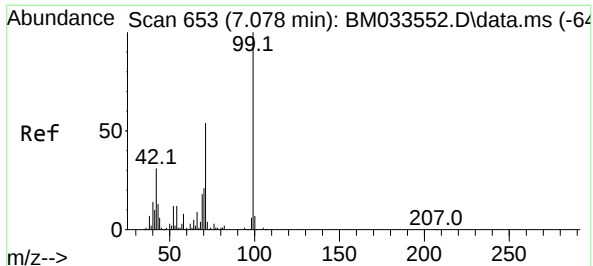
Tgt Ion:152 Resp: 23736
Ion Ratio Lower Upper
152 100
150 166.2 128.9 193.3
115 72.5 53.0 79.6



#5
2-Fluorophenol
Concen: 76.222 ng
RT: 5.472 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Tgt Ion:112 Resp: 105110
Ion Ratio Lower Upper
112 100
64 75.5 55.5 83.3
63 48.3 31.3 46.9

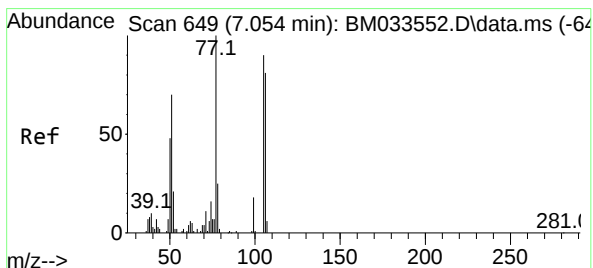
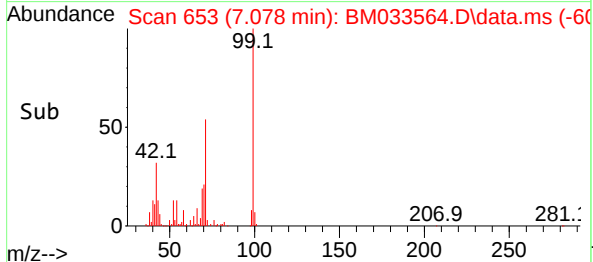
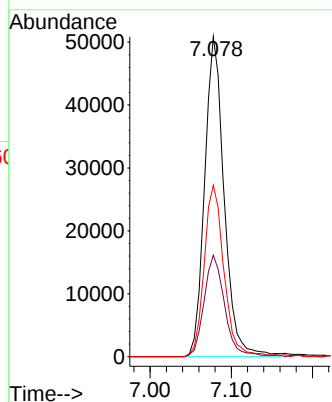
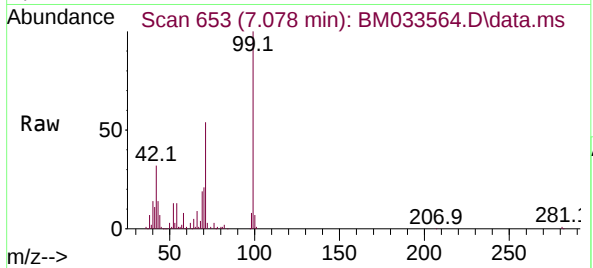




#7
Phenol-d6
Concen: 43.951 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

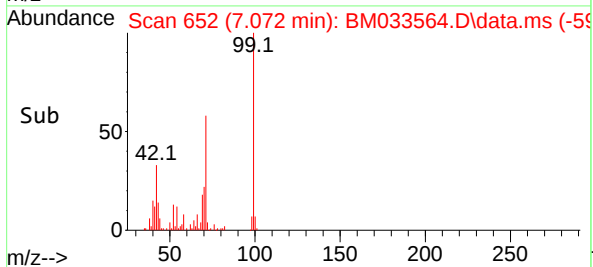
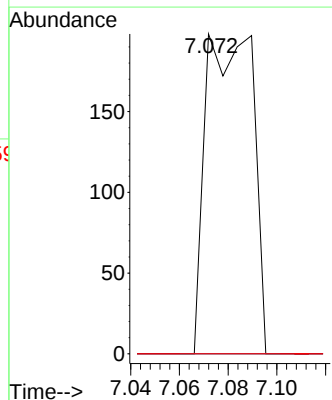
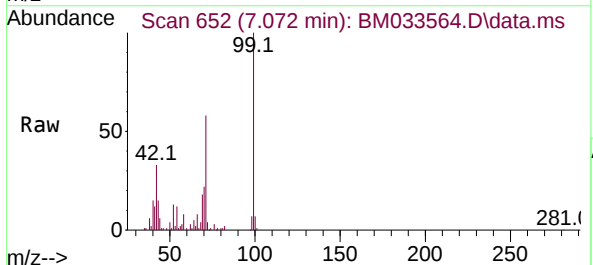
Instrument :
BNA_M
ClientSampleId :
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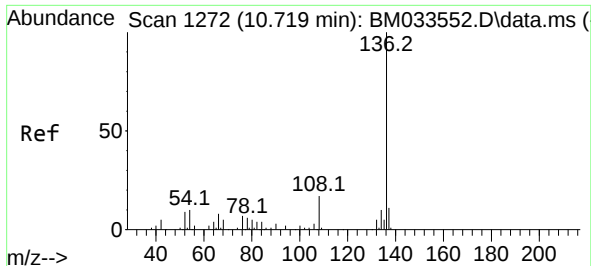
Tgt Ion: 99 Resp: 84853
Ion Ratio Lower Upper
99 100
42 31.7 20.3 30.5#
71 53.6 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 652
Delta R.T. 0.018 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Tgt Ion: 77 Resp: 267
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

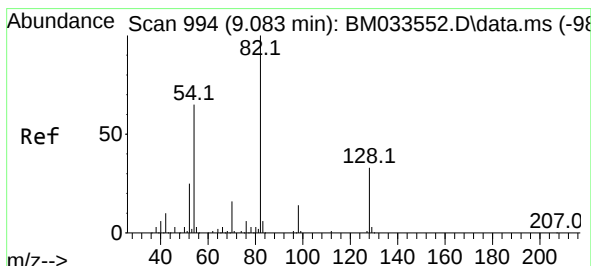
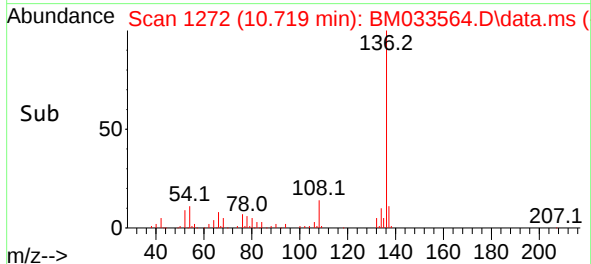
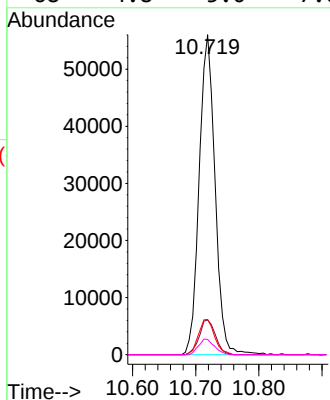
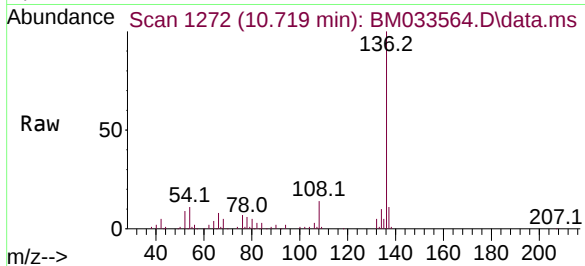




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

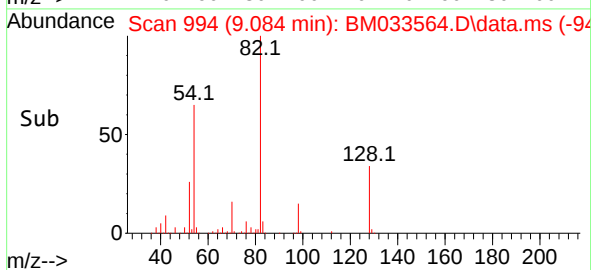
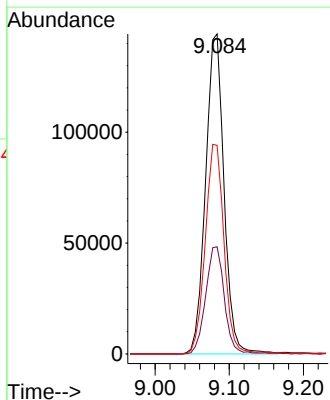
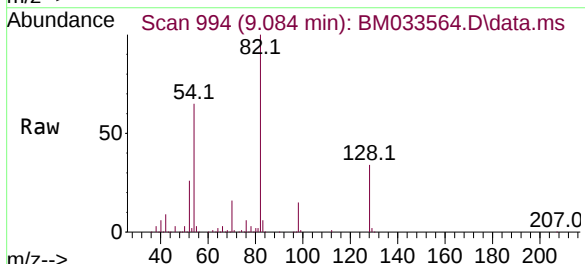
Instrument :
BNA_M
ClientSampleId :
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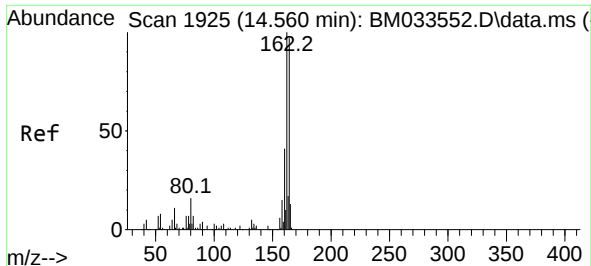
Tgt Ion:	136	Resp:	97829
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	11.0	8.3	12.5
68	4.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 105.978 ng
RT: 9.084 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Tgt Ion:	82	Resp:	249609
Ion Ratio	Lower	Upper	
82	100		
128	33.5	28.1	42.1
54	65.2	46.1	69.1

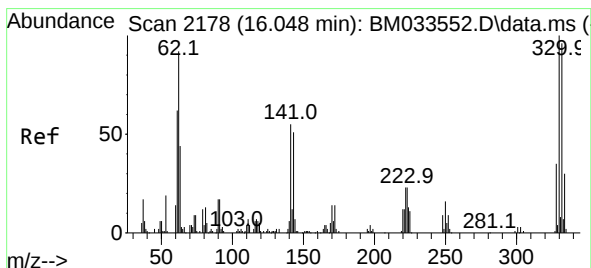
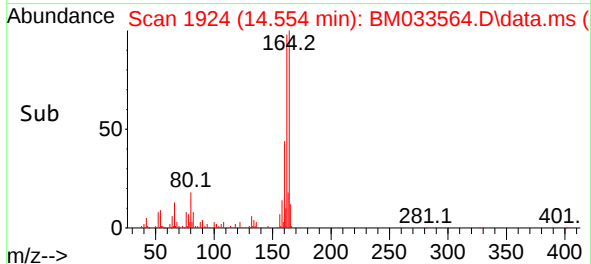
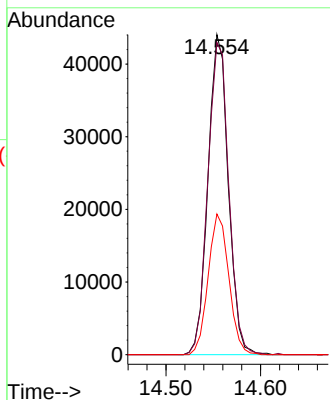
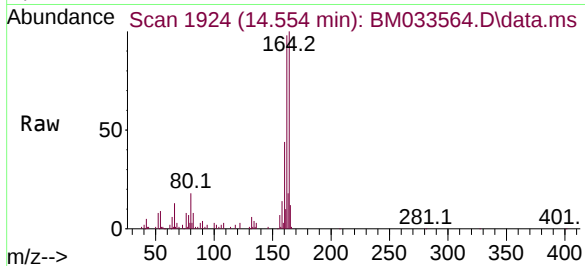




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

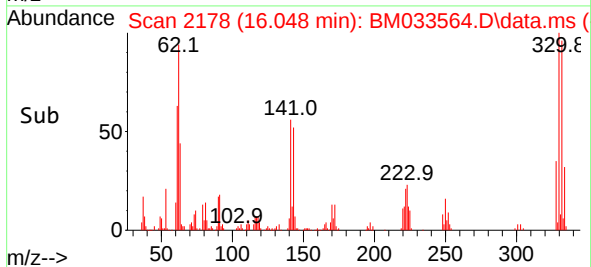
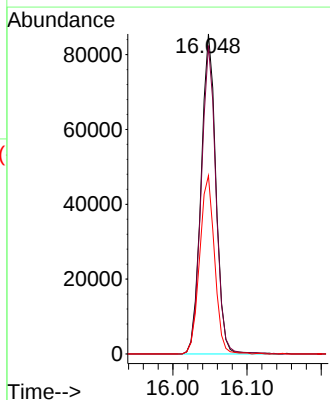
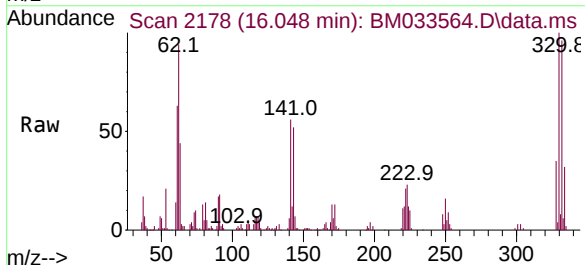
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ClientSampleId :
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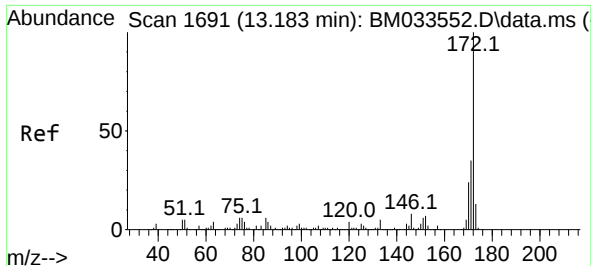
Tgt Ion:164 Resp: 65631
Ion Ratio Lower Upper
164 100
162 97.6 79.7 119.5
160 44.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 146.940 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Tgt Ion:330 Resp: 118748
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 56.0 35.9 53.9#

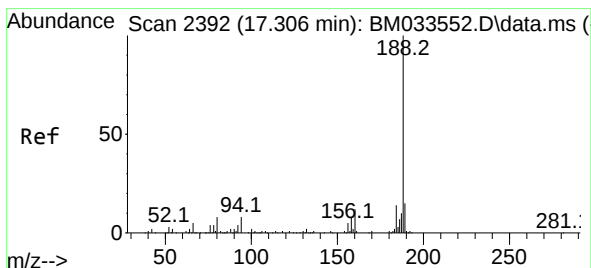
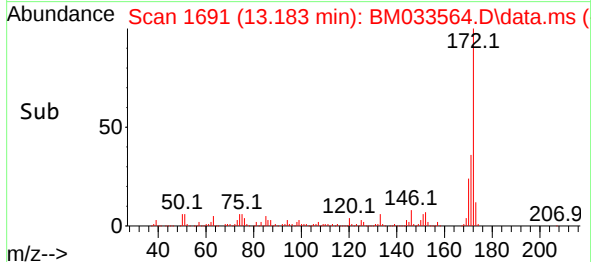
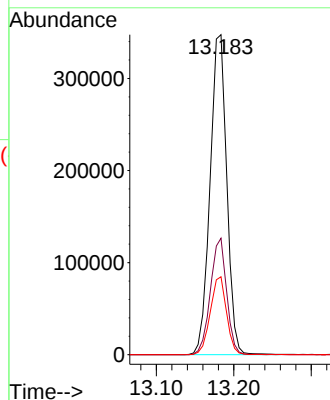
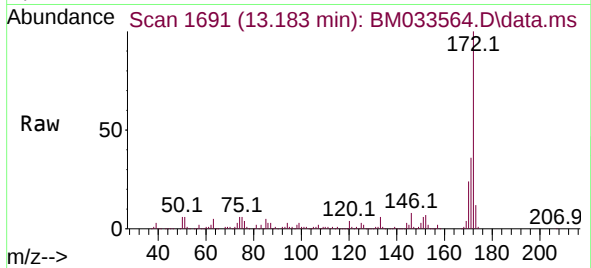




#45
2-Fluorobiphenyl
Concen: 111.772 ng
RT: 13.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

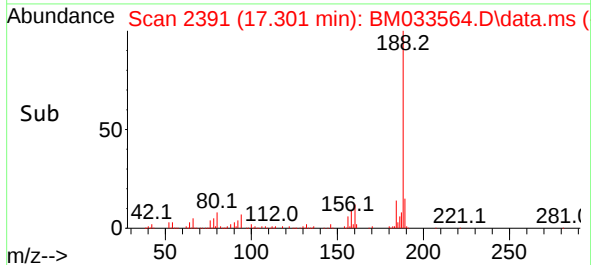
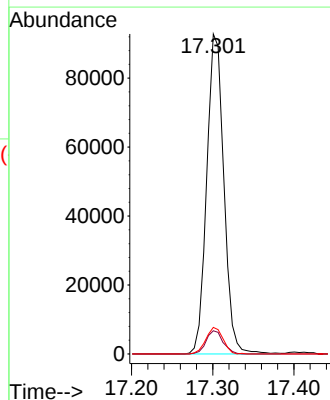
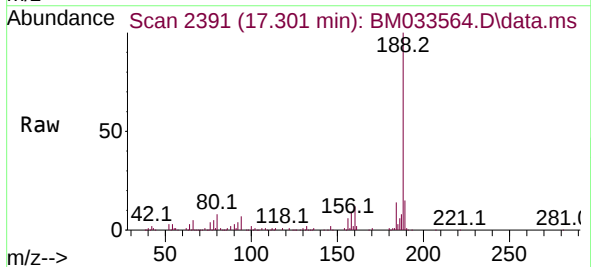
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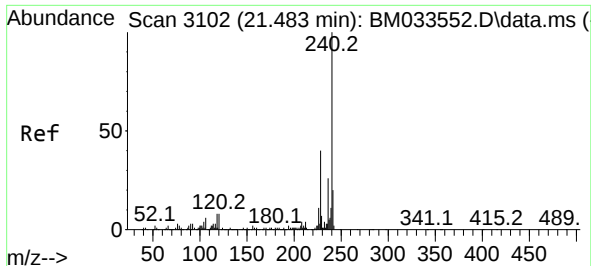
Tgt Ion:172 Resp: 520308
Ion Ratio Lower Upper
172 100
171 36.4 27.2 40.8
170 24.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Tgt Ion:188 Resp: 136018
Ion Ratio Lower Upper
188 100
94 7.2 7.5 11.3#
80 8.3 8.9 13.3#

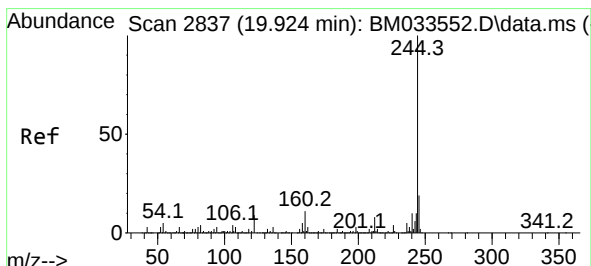
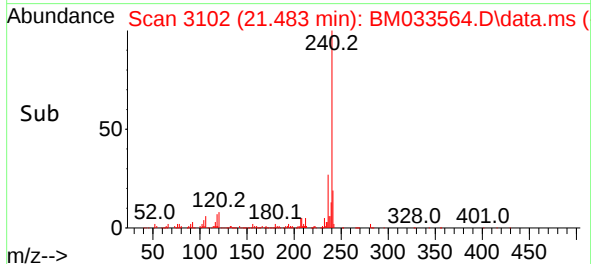
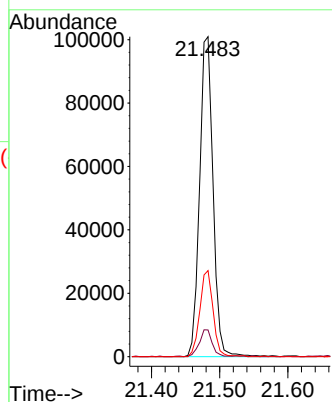
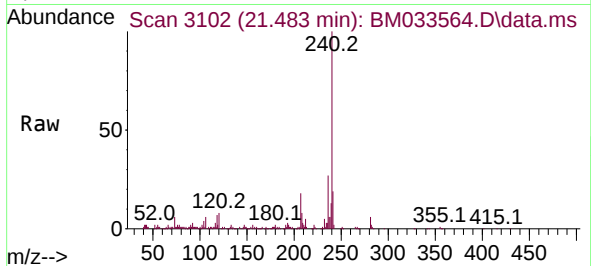




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

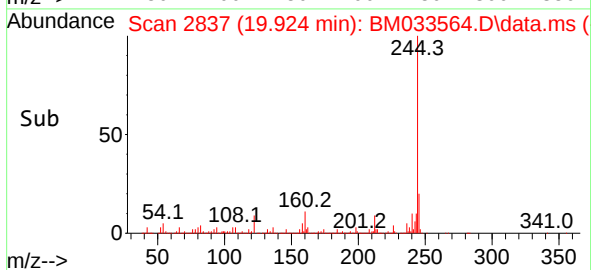
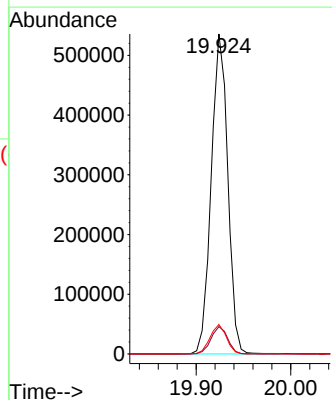
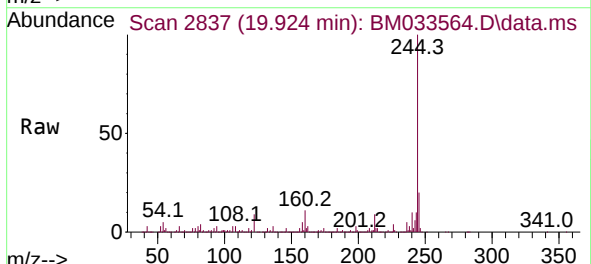
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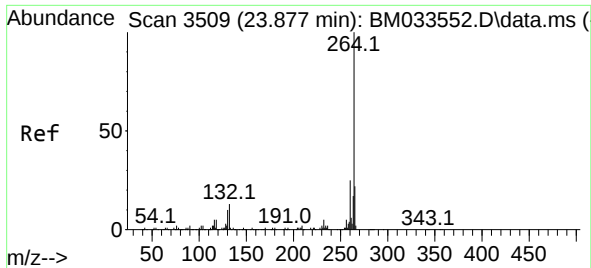
Tgt Ion:240 Resp: 138337
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 26.9 20.3 30.5



#79
Terphenyl-d14
Concen: 77.979 ng
RT: 19.924 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BM033564.D
Acq: 21 Dec 2021 21:14

Tgt Ion:244 Resp: 648538
Ion Ratio Lower Upper
244 100
212 8.6 5.9 8.9
122 9.2 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.877 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM033564.D

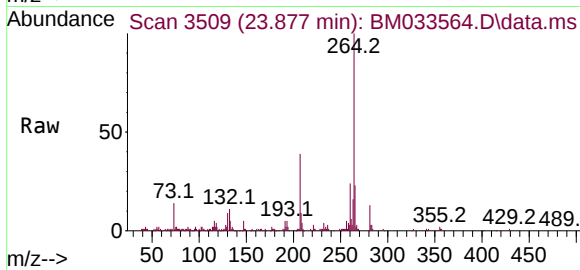
Acq: 21 Dec 2021 21:14

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 136133

Ion Ratio Lower Upper

264 100

260 23.9 17.7 26.5

265 22.7 17.7 26.5

