

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
 Data File : BM033254.D
 Acq On : 24 Nov 2021 19:24
 Operator : CG/JU
 Sample : M4812-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SETTLING-TANK-01

Quant Time: Nov 26 04:10:03 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)

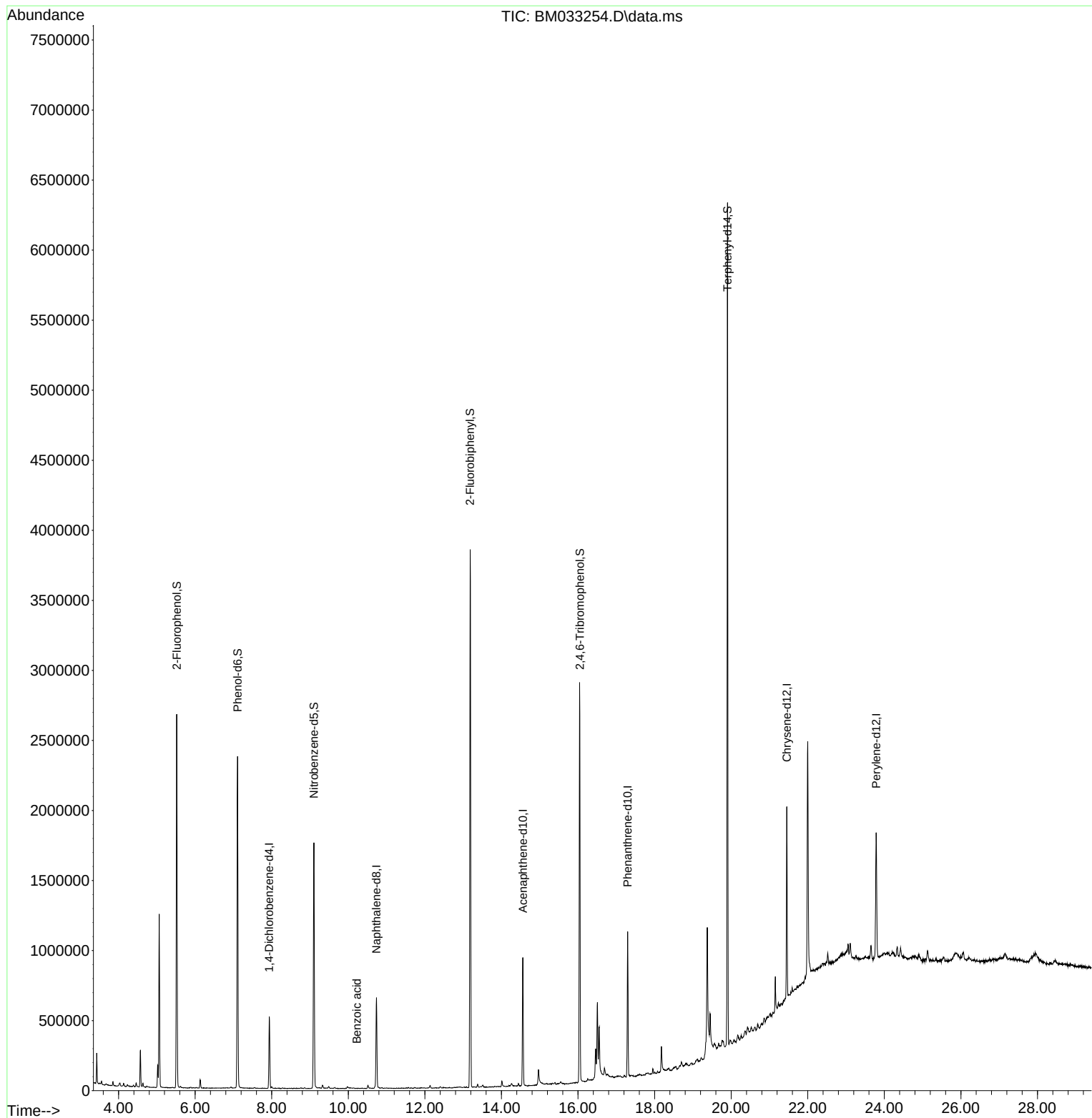
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	133201	20.000	ng	0.00
21) Naphthalene-d8	10.736	136	514452	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	303193	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	609014	20.000	ng	# 0.00
76) Chrysene-d12	21.453	240	624755	20.000	ng	0.00
86) Perylene-d12	23.789	264	657577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	1025491	127.137	ng	0.01
7) Phenol-d6	7.107	99	1243754	115.133	ng	0.01
23) Nitrobenzene-d5	9.101	82	1010041	91.144	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	468178	141.654	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	1984989	92.332	ng	0.00
79) Terphenyl-d14	19.906	244	2754169	87.171	ng	0.00
Target Compounds						
9) Benzaldehyde	7.101	77	2738	Below Cal	#	14
32) Benzoic acid	10.225	122	335	5.285	ng	90

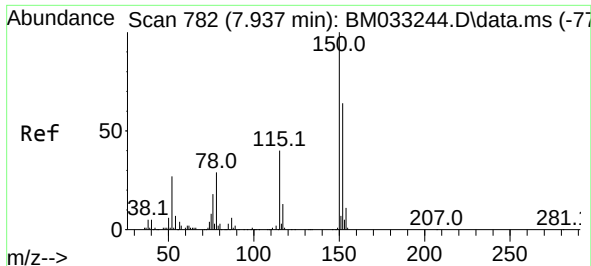
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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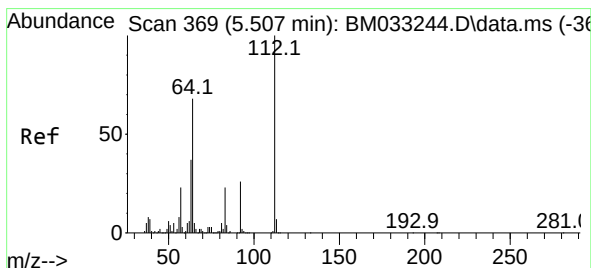
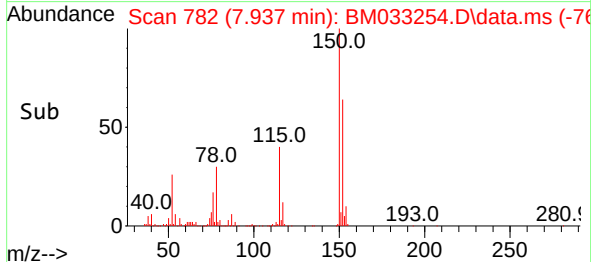
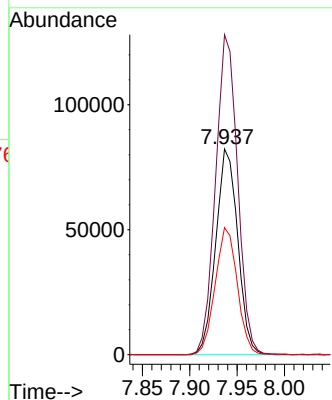
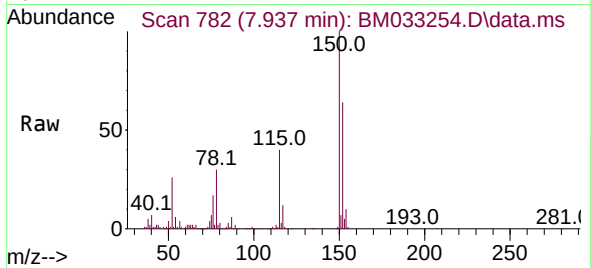




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

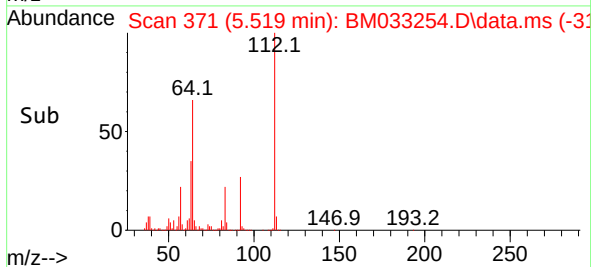
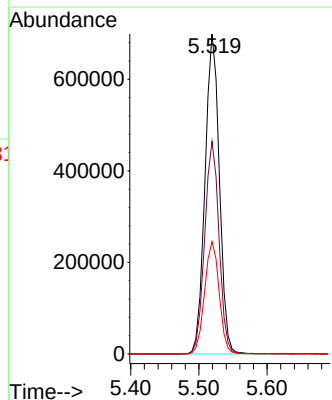
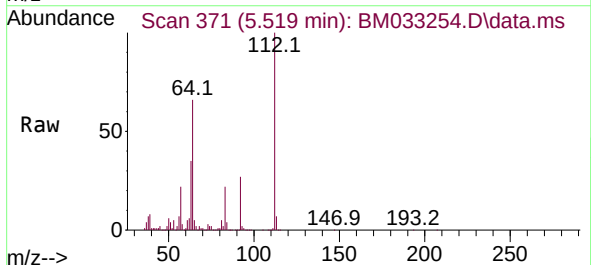
Instrument :
BNA_M
ClientSampleId :
SETTLING-TANK-01

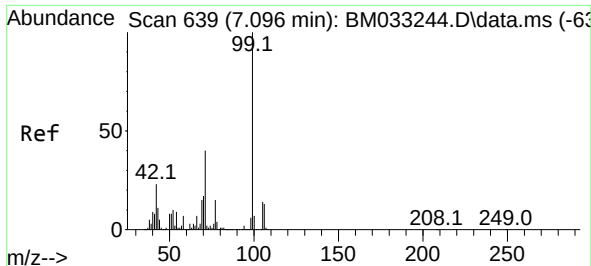
Tgt Ion:152 Resp: 133201
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 61.7 53.8 80.8



#5
2-Fluorophenol
Concen: 127.137 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

Tgt Ion:112 Resp: 1025491
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 35.1 33.9 50.9

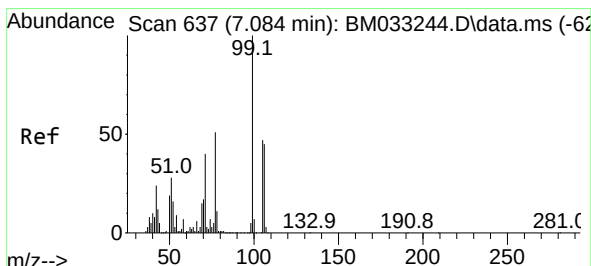
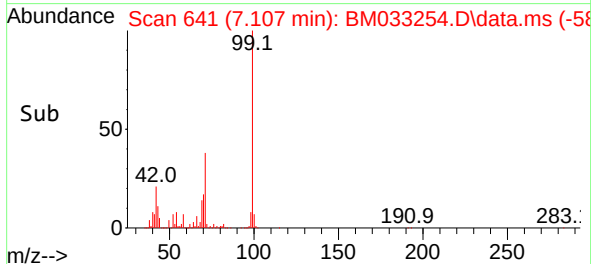
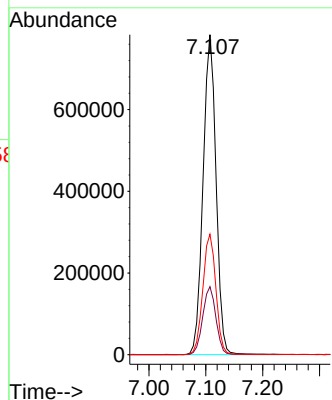
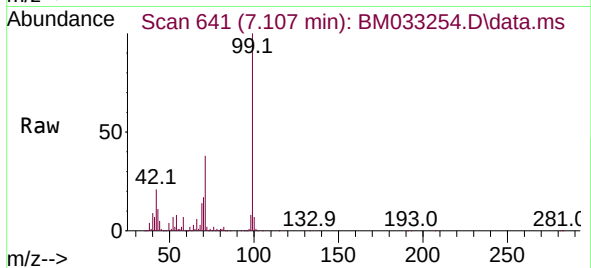




#7
Phenol-d6
Concen: 115.133 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

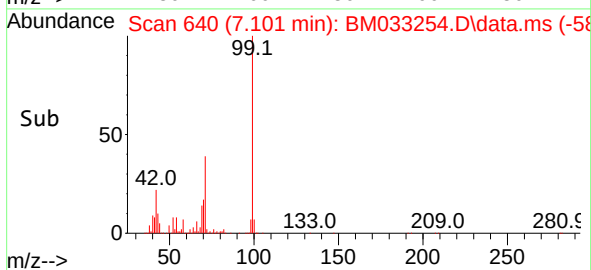
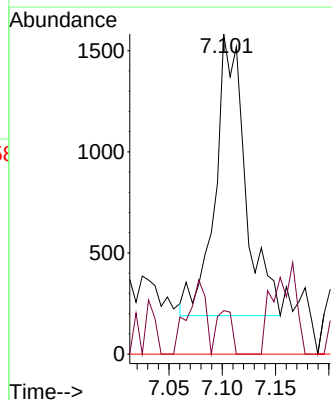
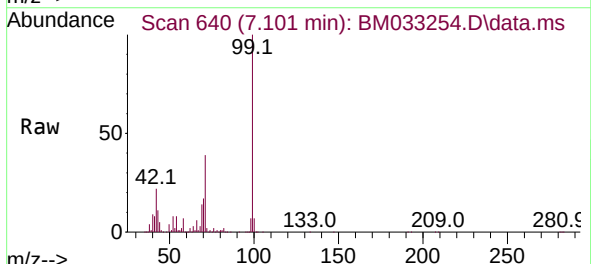
Instrument :
BNA_M
ClientSampleId :
SETTLING-TANK-01

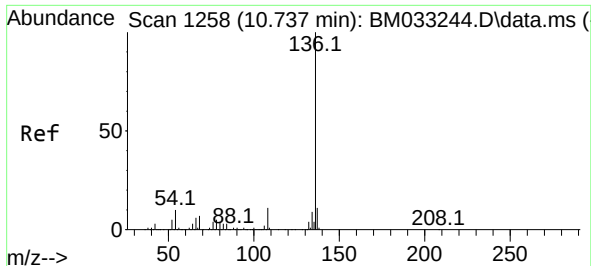
Tgt Ion: 99 Resp: 1243754
Ion Ratio Lower Upper
99 100
42 21.3 23.0 34.6#
71 37.7 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.101 min Scan# 640
Delta R.T. 0.017 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

Tgt Ion: 77 Resp: 2738
Ion Ratio Lower Upper
77 100
105 13.6 68.9 108.9#
106 0.0 61.2 101.2#

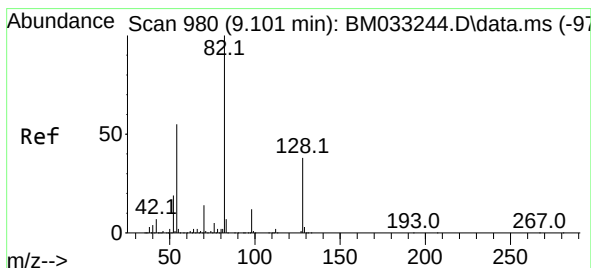
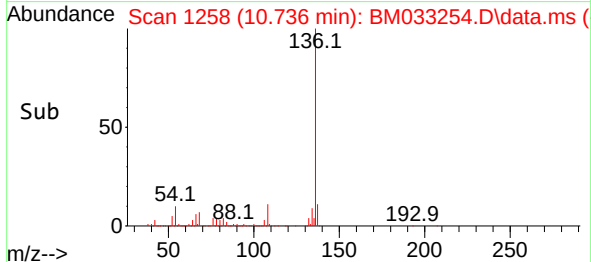
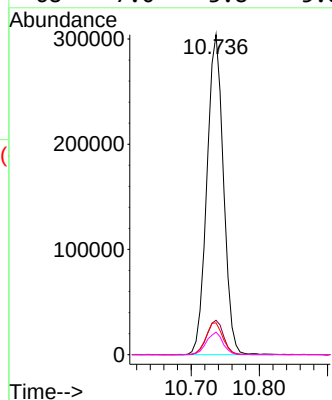
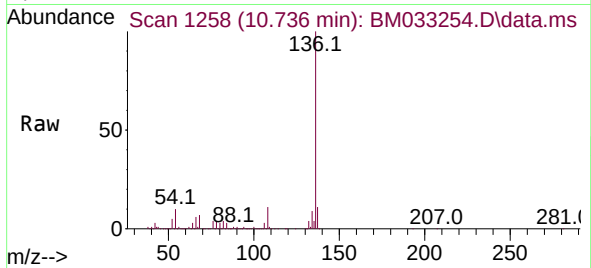




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

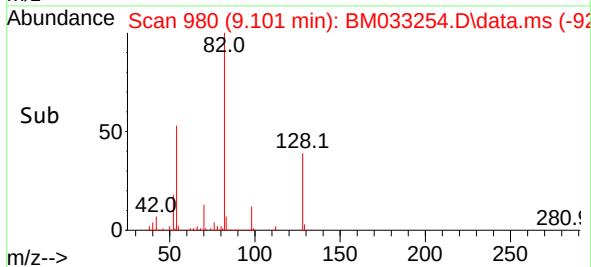
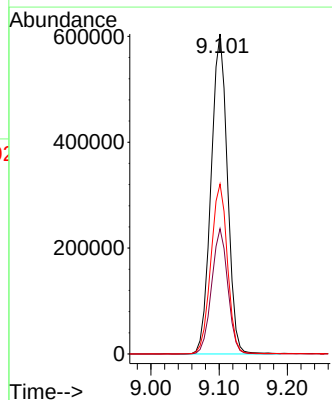
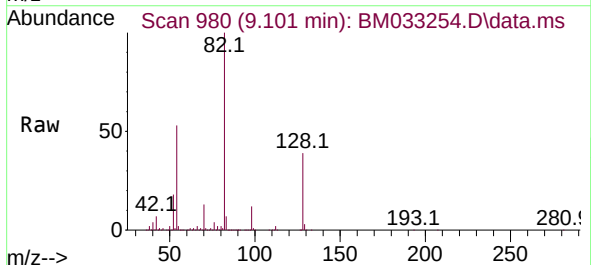
Instrument :
BNA_M
ClientSampleId :
SETTLING-TANK-01

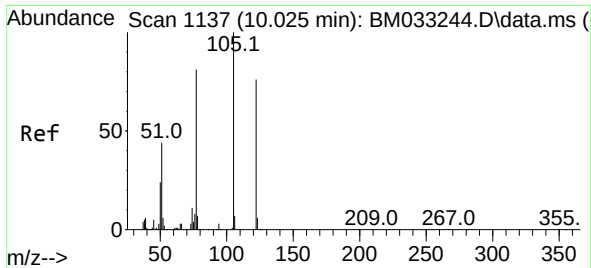
Tgt Ion:136 Resp: 514452
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.9 7.4 11.0
68 7.0 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 91.144 ng
RT: 9.101 min Scan# 980
Delta R.T. -0.000 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

Tgt Ion: 82 Resp: 1010041
Ion Ratio Lower Upper
82 100
128 39.2 29.0 43.6
54 53.1 45.8 68.8

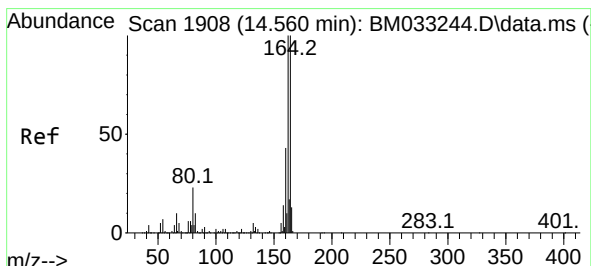
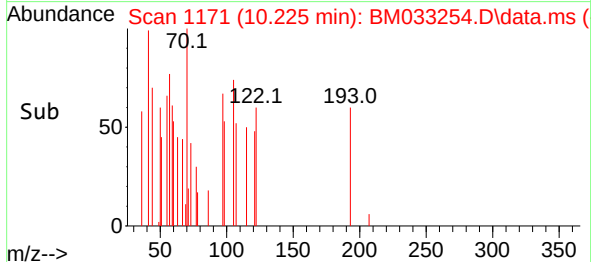
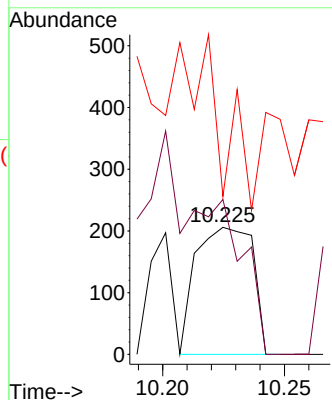
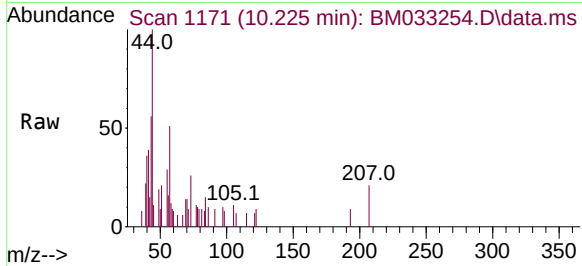




#32
Benzoic acid
Concen: 5.285 ng
RT: 10.225 min Scan# 1137
Delta R.T. 0.200 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

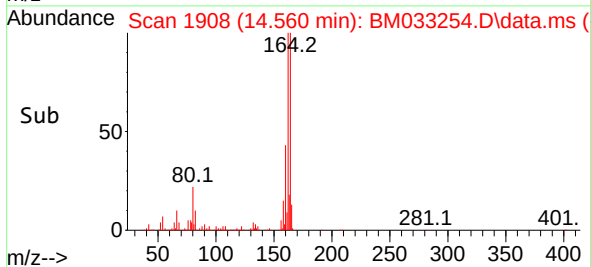
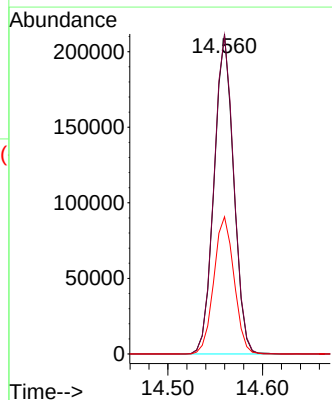
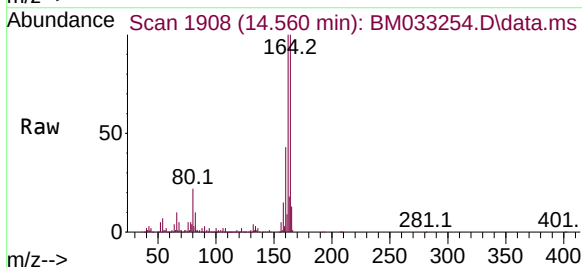
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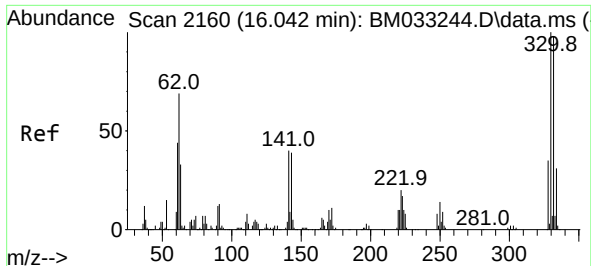
Tgt Ion:	122	Resp:	335
Ion	Ratio	Lower	Upper
122	100		
105	121.8	120.3	160.3
77	124.3	100.0	140.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

Tgt Ion:	164	Resp:	303193
Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	42.9	35.1	52.7

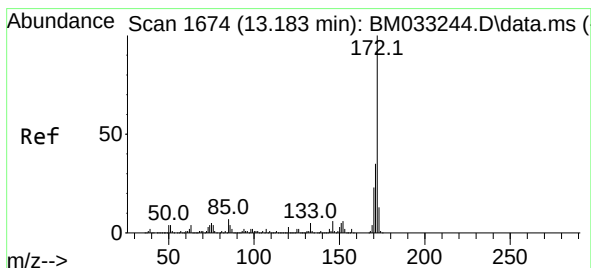
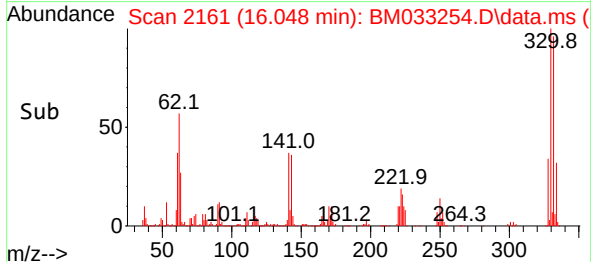
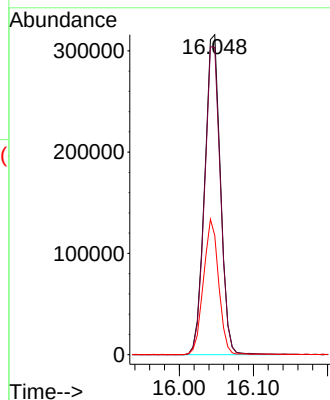
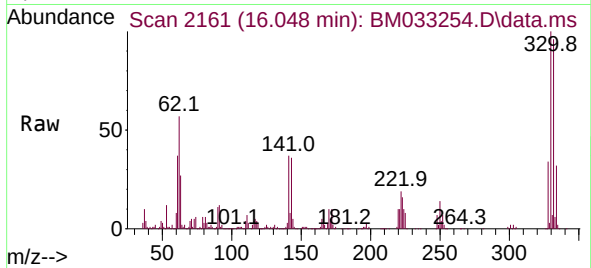




#42
2,4,6-Tribromophenol
Concen: 141.654 ng
RT: 16.048 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

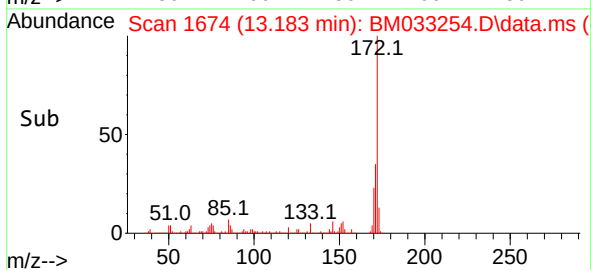
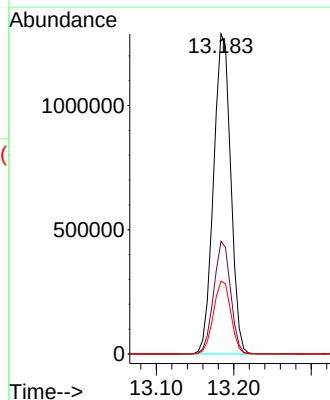
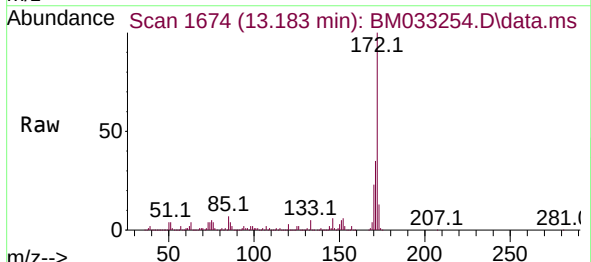
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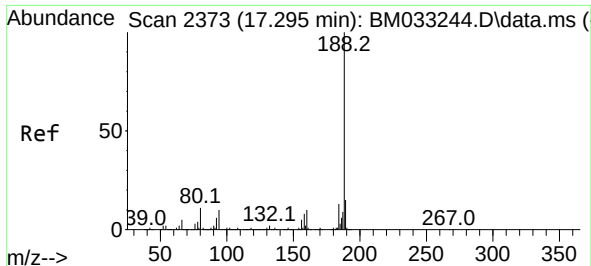
Tgt Ion:330 Resp: 468178
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 40.7 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 92.332 ng
RT: 13.183 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

Tgt Ion:172 Resp: 1984989
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.8 18.6 27.8

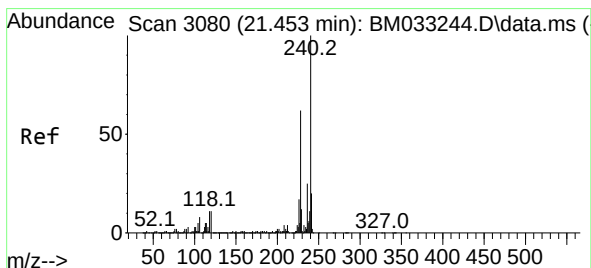
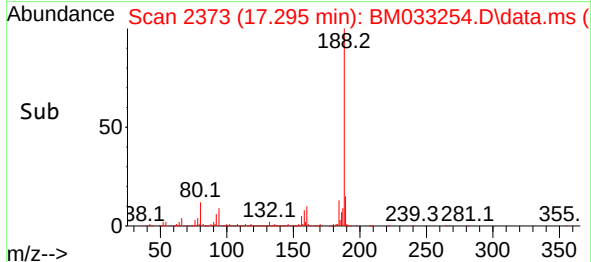
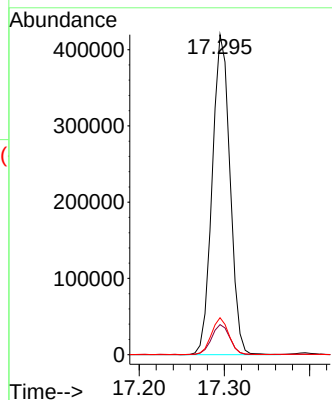
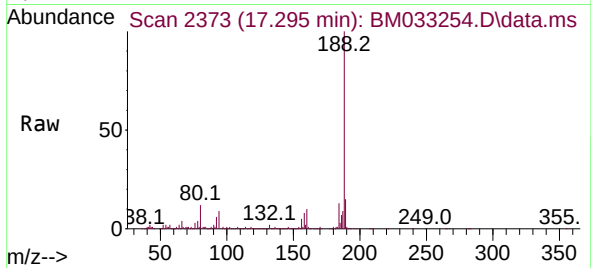




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

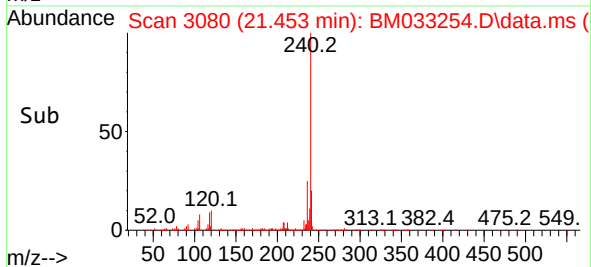
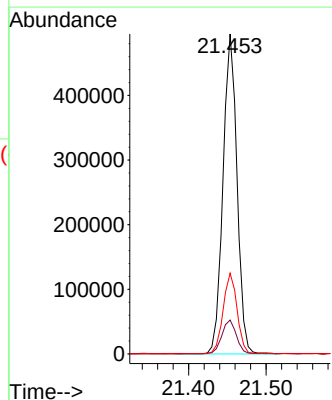
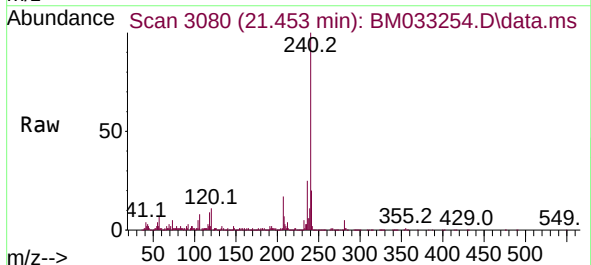
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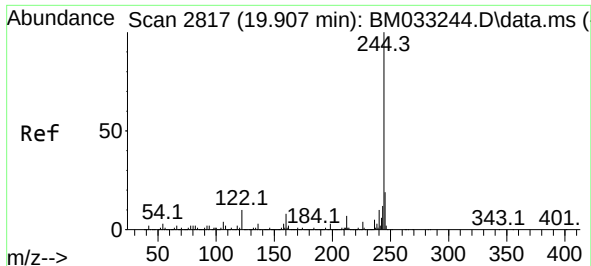
Tgt Ion:188 Resp: 609014
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 11.6 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.453 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BM033254.D
Acq: 24 Nov 2021 19:24

Tgt Ion:240 Resp: 624755
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 25.3 20.9 31.3

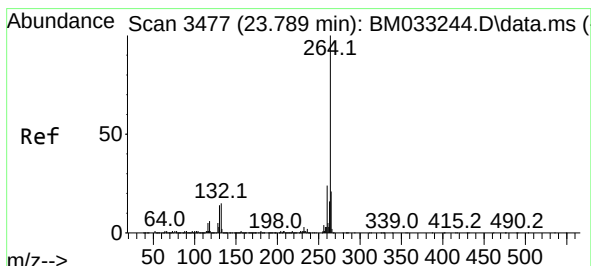
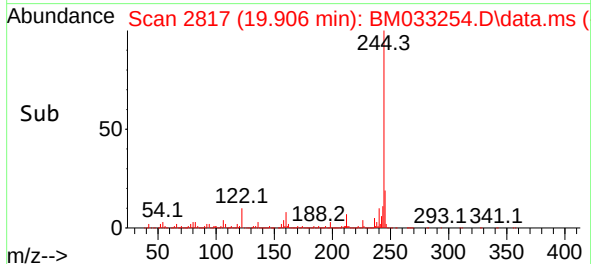
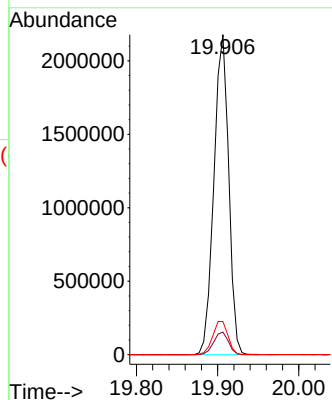
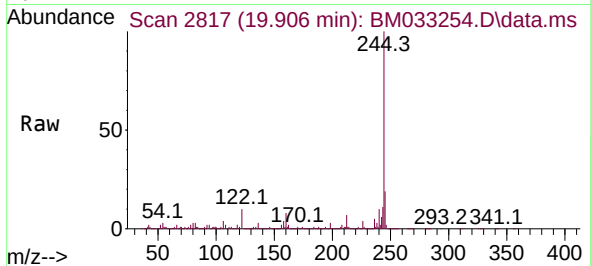




#79
 Terphenyl-d14
 Concen: 87.171 ng
 RT: 19.906 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033254.D
 Acq: 24 Nov 2021 19:24

Instrument :
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 SETTLING-TANK-01

Tgt Ion:244 Resp: 2754169
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 10.4 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.789 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: BM033254.D
 Acq: 24 Nov 2021 19:24

Tgt Ion:264 Resp: 657577
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 22.9 18.3 27.5

