

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033306.D
 Acq On : 06 Dec 2021 11:04
 Operator : CG/JU
 Sample : PB141148BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141148BL

Quant Time: Dec 06 13:02:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 13:01:33 2021
 Response via : Initial Calibration

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

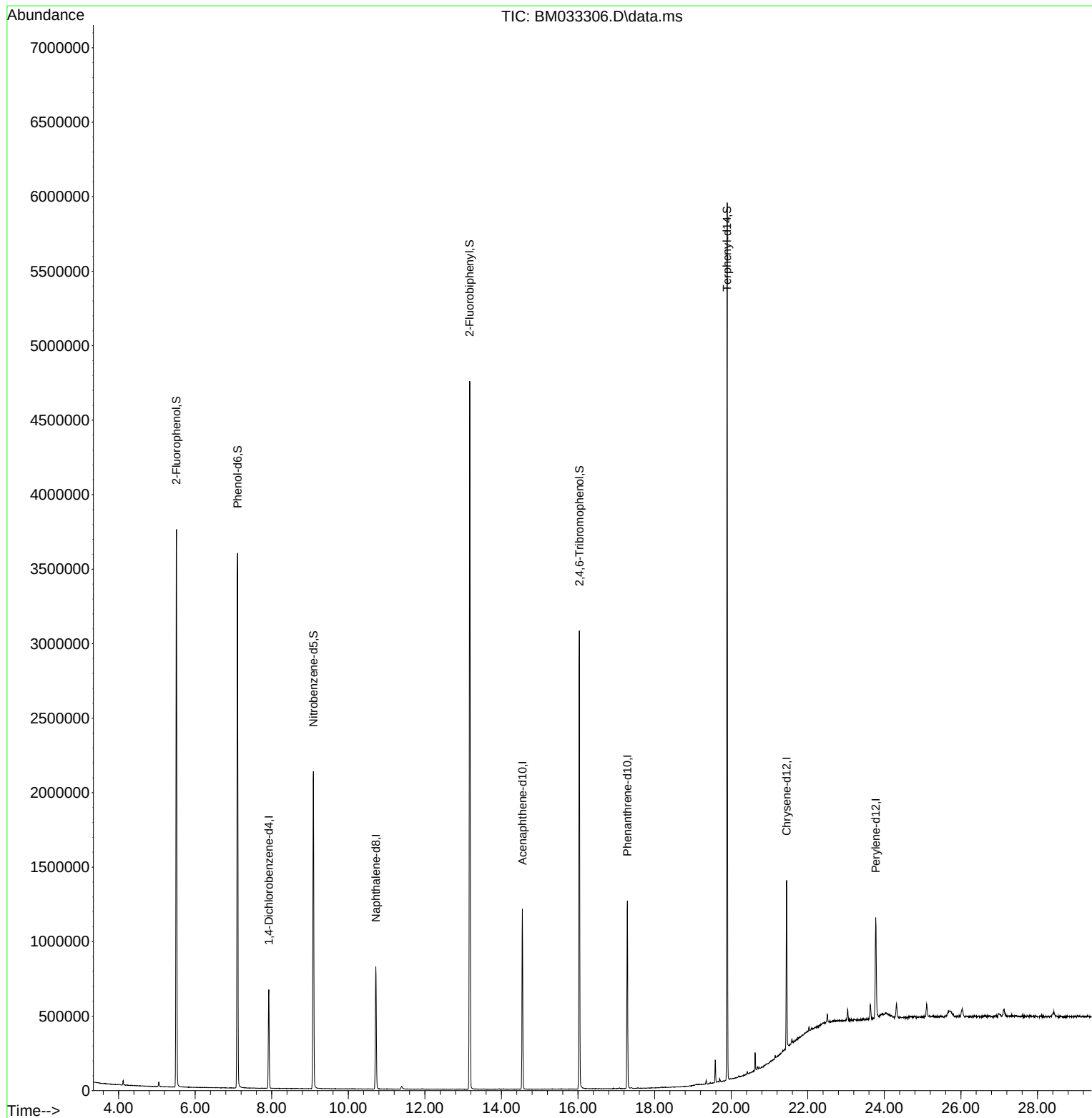
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	166370	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	663627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.548	164	389556	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	724819	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	521303	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	466355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1443898	143.320	ng	0.00
7) Phenol-d6	7.107	99	1898404	140.698	ng	0.00
23) Nitrobenzene-d5	9.089	82	1267426	88.661	ng	0.00
42) 2,4,6-Tribromophenol	16.036	330	451069	106.221	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	2333804	84.490	ng	0.00
79) Terphenyl-d14	19.895	244	2515952	95.434	ng	0.00
Target Compounds						
9) Benzaldehyde	7.107	77	4659	Below Cal	#	7

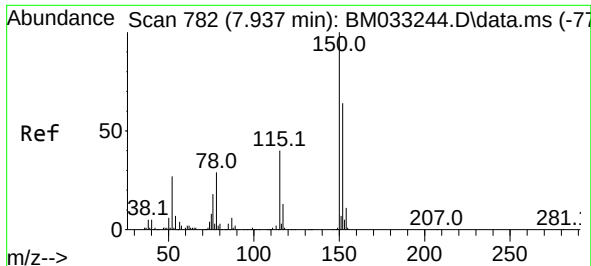
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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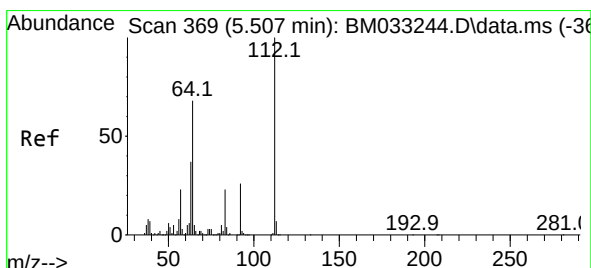
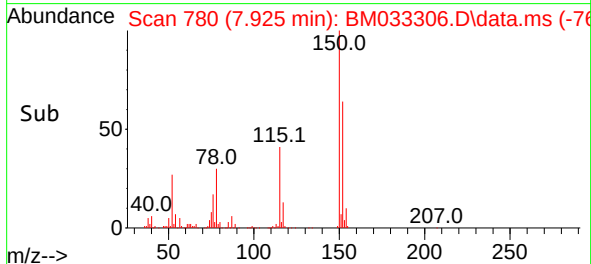
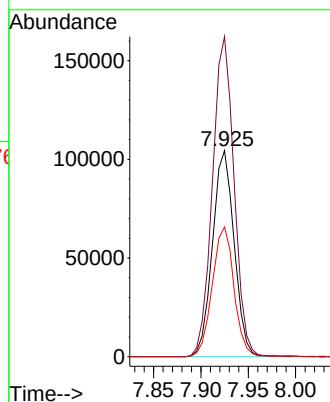
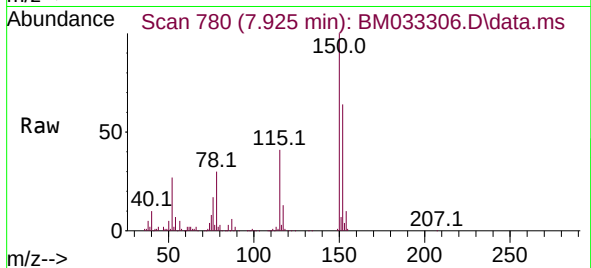




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

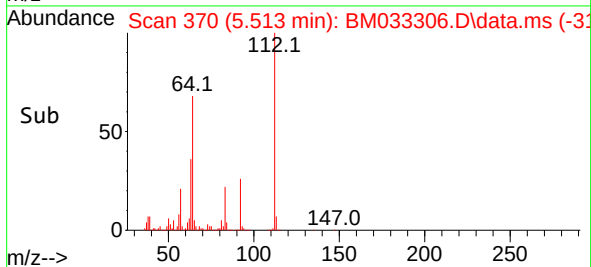
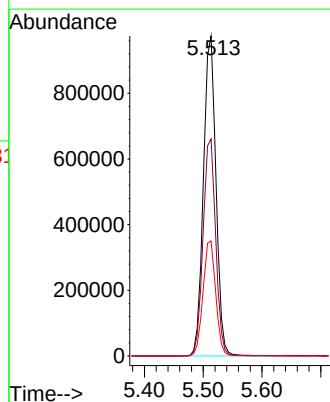
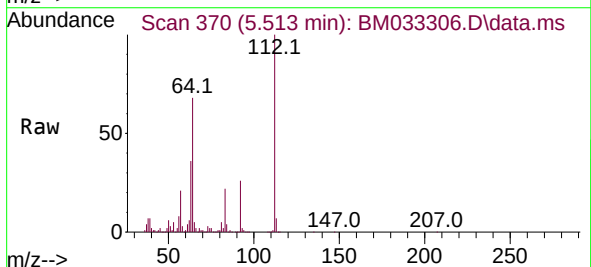
Instrument :
BNA_M
ClientSampleId :
PB141148BL

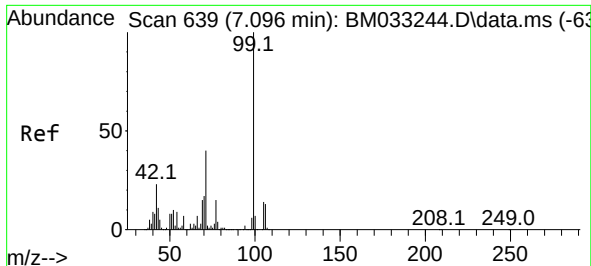
Tgt Ion:152 Resp: 166370
Ion Ratio Lower Upper
152 100
150 155.3 122.4 183.6
115 63.0 53.8 80.8



#5
2-Fluorophenol
Concen: 143.320 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

Tgt Ion:112 Resp: 1443898
Ion Ratio Lower Upper
112 100
64 67.8 53.7 80.5
63 36.0 33.9 50.9

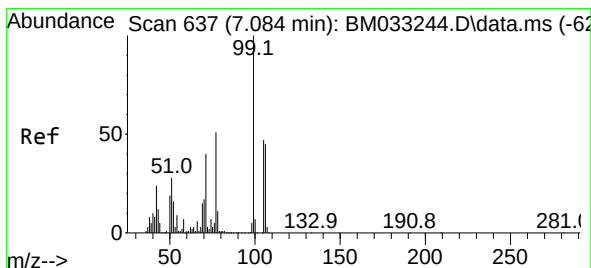
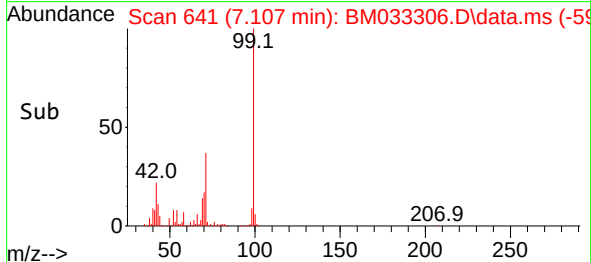
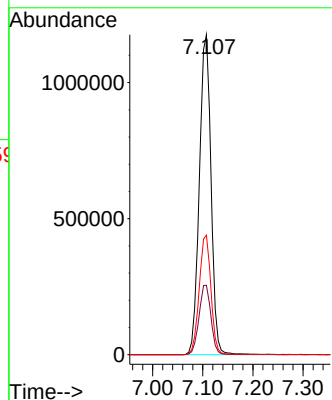
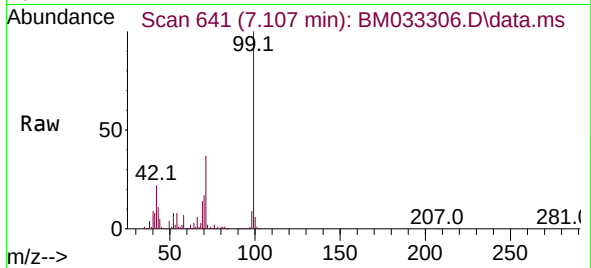




#7
Phenol-d6
Concen: 140.698 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

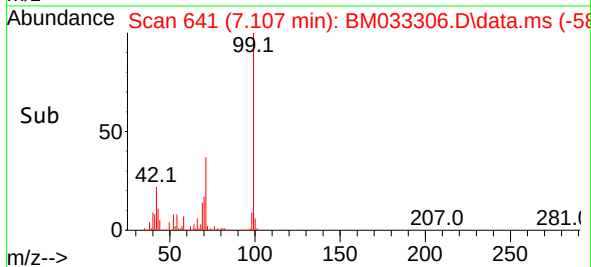
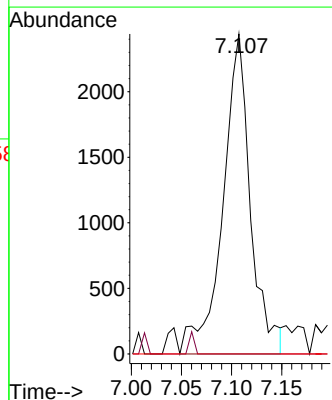
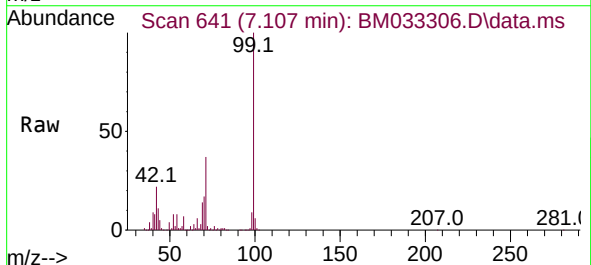
Instrument :
BNA_M
ClientSampleId :
PB141148BL

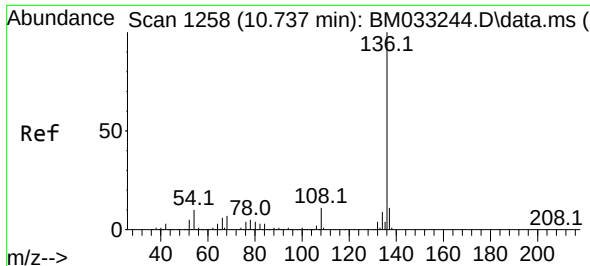
Tgt Ion: 99 Resp: 1898404
Ion Ratio Lower Upper
99 100
42 21.7 23.0 34.6#
71 37.3 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 641
Delta R.T. 0.035 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

Tgt Ion: 77 Resp: 4659
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

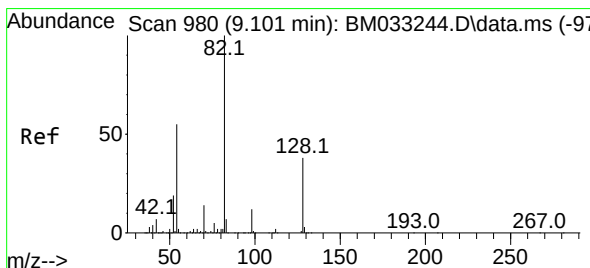
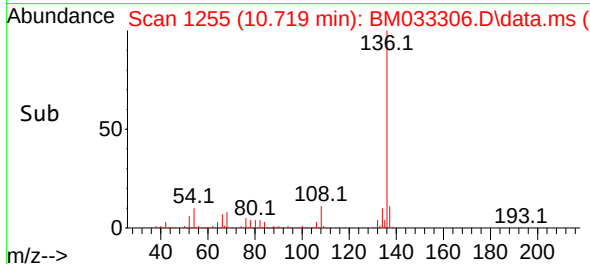
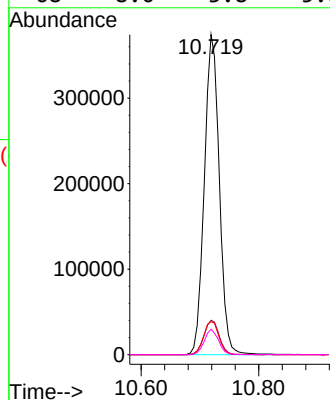
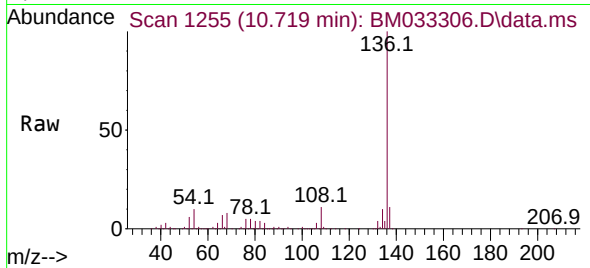




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

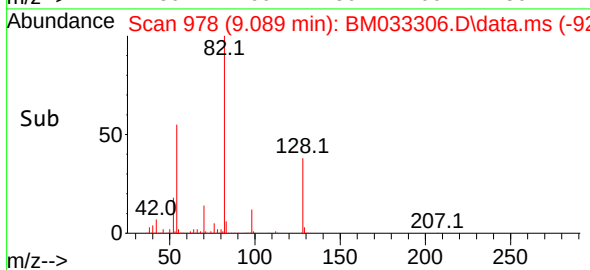
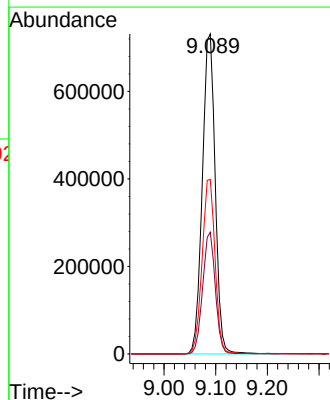
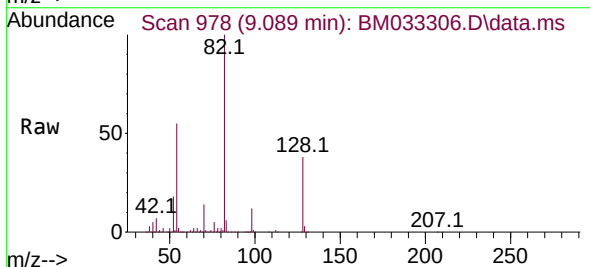
Instrument :
BNA_M
ClientSampleId :
PB141148BL

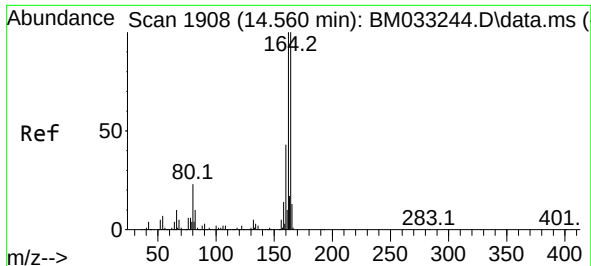
Tgt Ion:136 Resp: 663627
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.3 7.4 11.0
68 8.0 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 88.661 ng
RT: 9.089 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

Tgt Ion: 82 Resp: 1267426
Ion Ratio Lower Upper
82 100
128 38.1 29.0 43.6
54 54.6 45.8 68.8

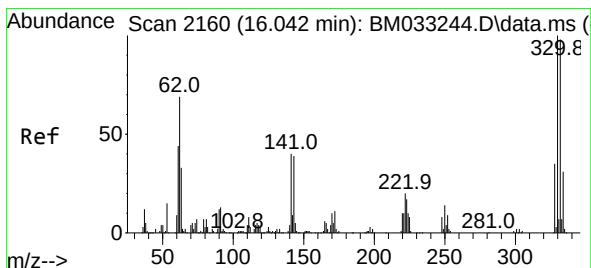
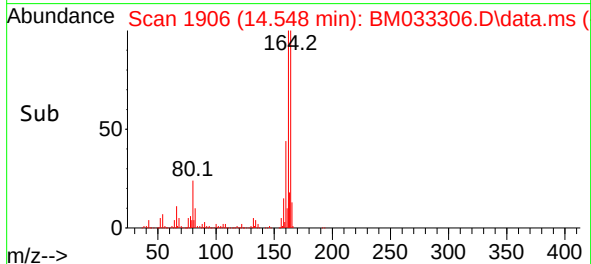
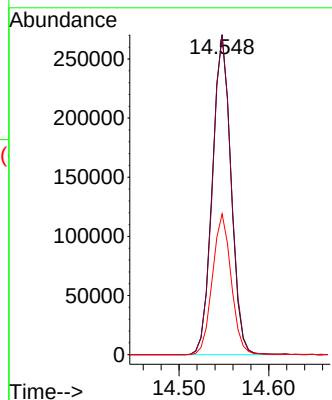
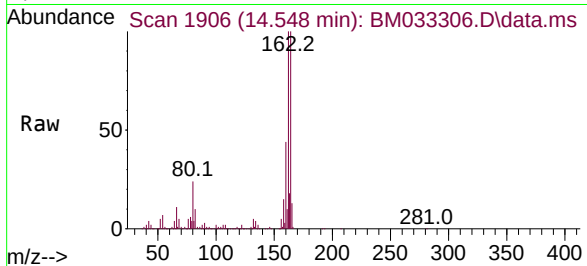




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

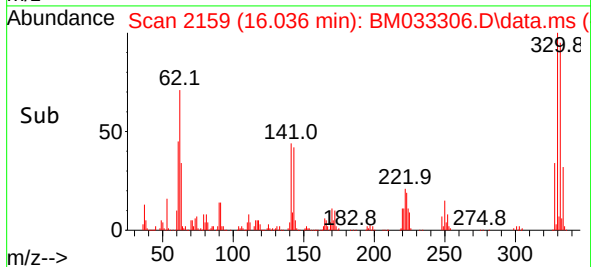
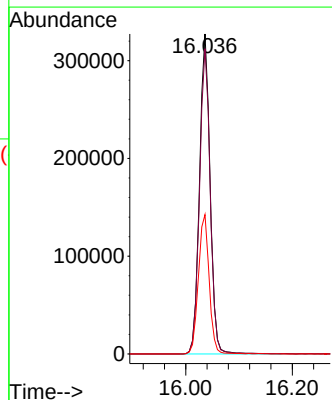
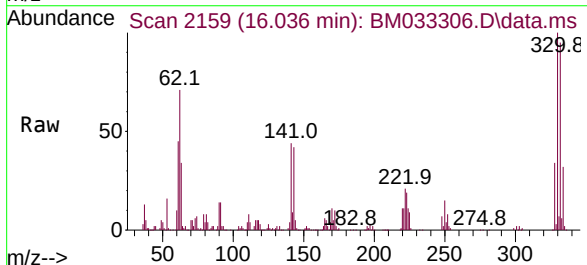
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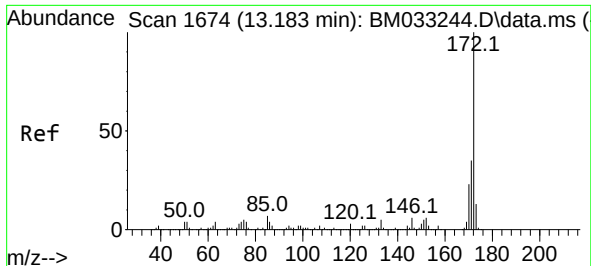
Tgt Ion:164 Resp: 389556
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 44.0 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 106.221 ng
RT: 16.036 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

Tgt Ion:330 Resp: 451069
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 44.3 50.7 76.1#

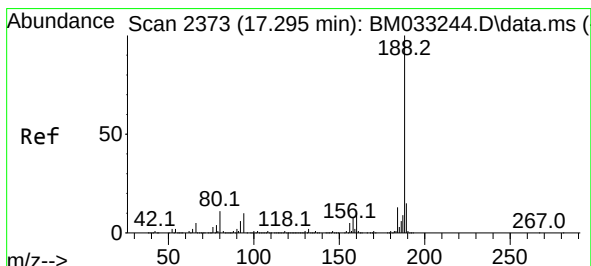
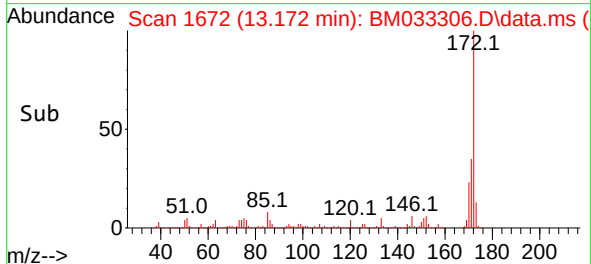
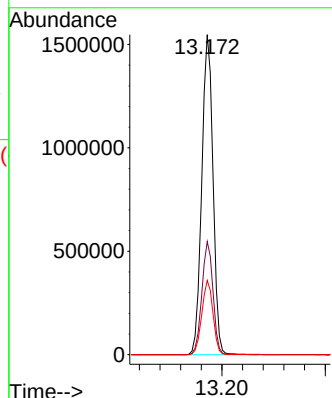
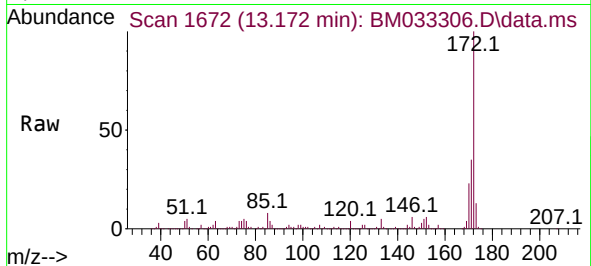




#45
2-Fluorobiphenyl
Concen: 84.490 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

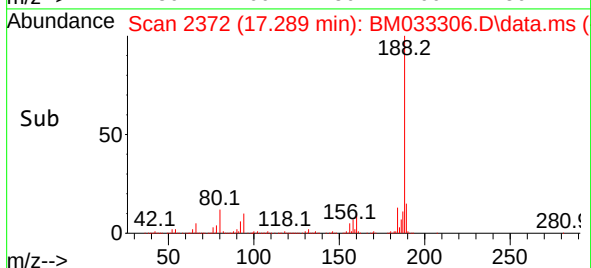
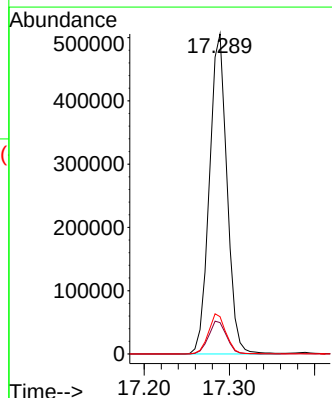
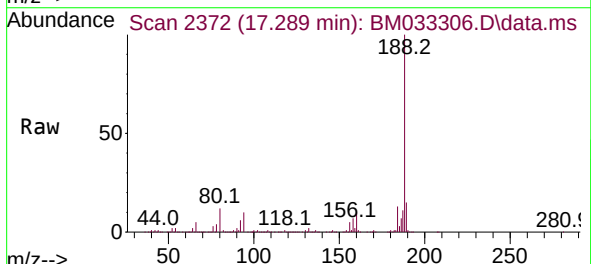
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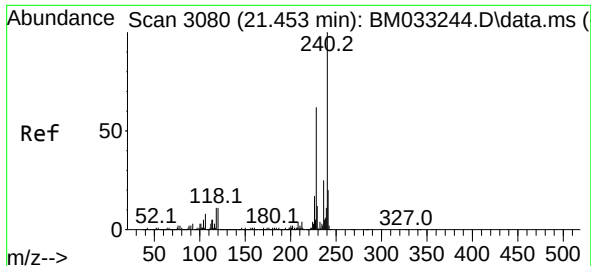
Tgt Ion:172 Resp: 2333804
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

Tgt Ion:188 Resp: 724819
Ion Ratio Lower Upper
188 100
94 9.8 6.3 9.5#
80 11.7 7.3 10.9#

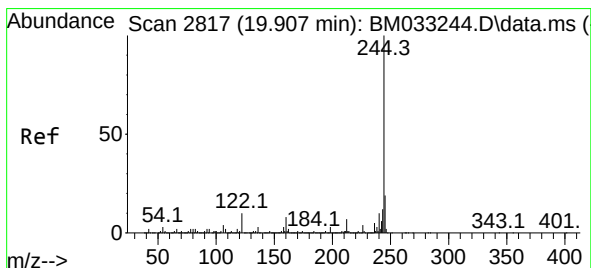
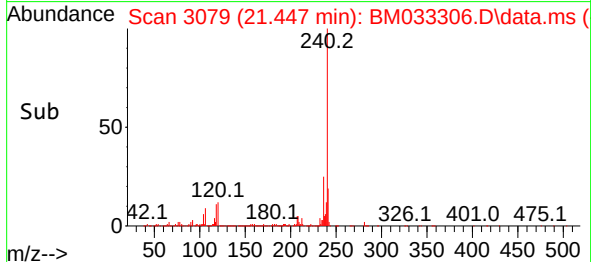
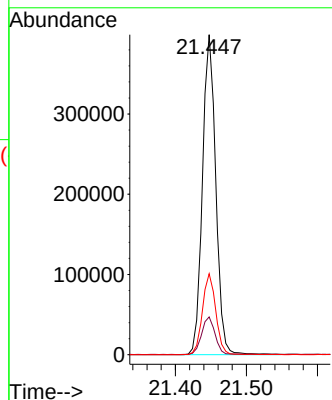
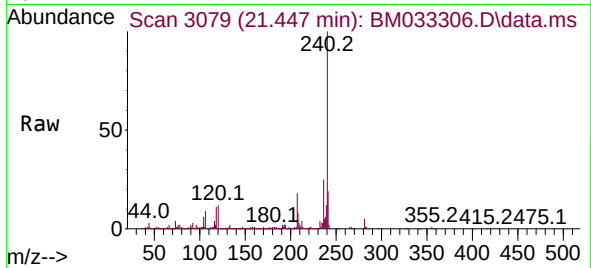




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

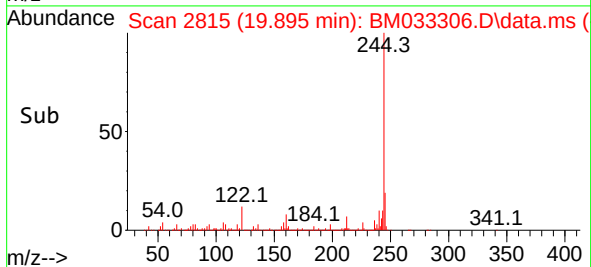
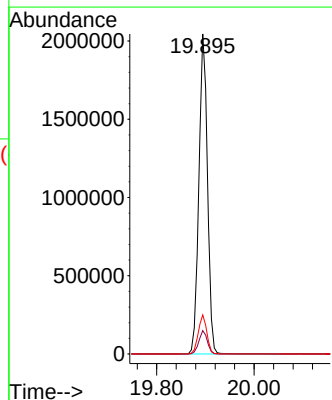
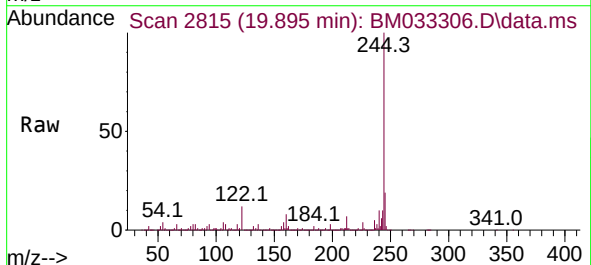
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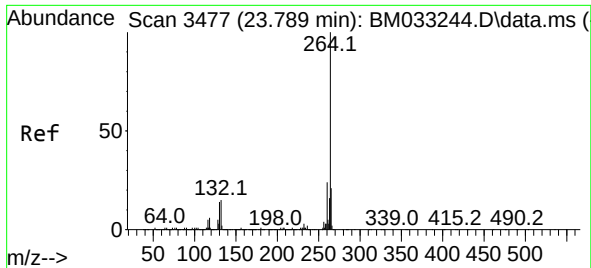
Tgt Ion:240 Resp: 521303
Ion Ratio Lower Upper
240 100
120 11.8 7.8 11.6#
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 95.434 ng
RT: 19.895 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BM033306.D
Acq: 06 Dec 2021 11:04

Tgt Ion:244 Resp: 2515952
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 12.2 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BM033306.D
 Acq: 06 Dec 2021 11:04

Instrument :
 BNA_M
 ClientSampleId :
 PB141148BL

Tgt Ion:264 Resp: 466355
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 22.7 18.3 27.5

