

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033309.D
 Acq On : 06 Dec 2021 13:10
 Operator : CG/JU
 Sample : M4917-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-31

Quant Time: Dec 06 14:08:33 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)

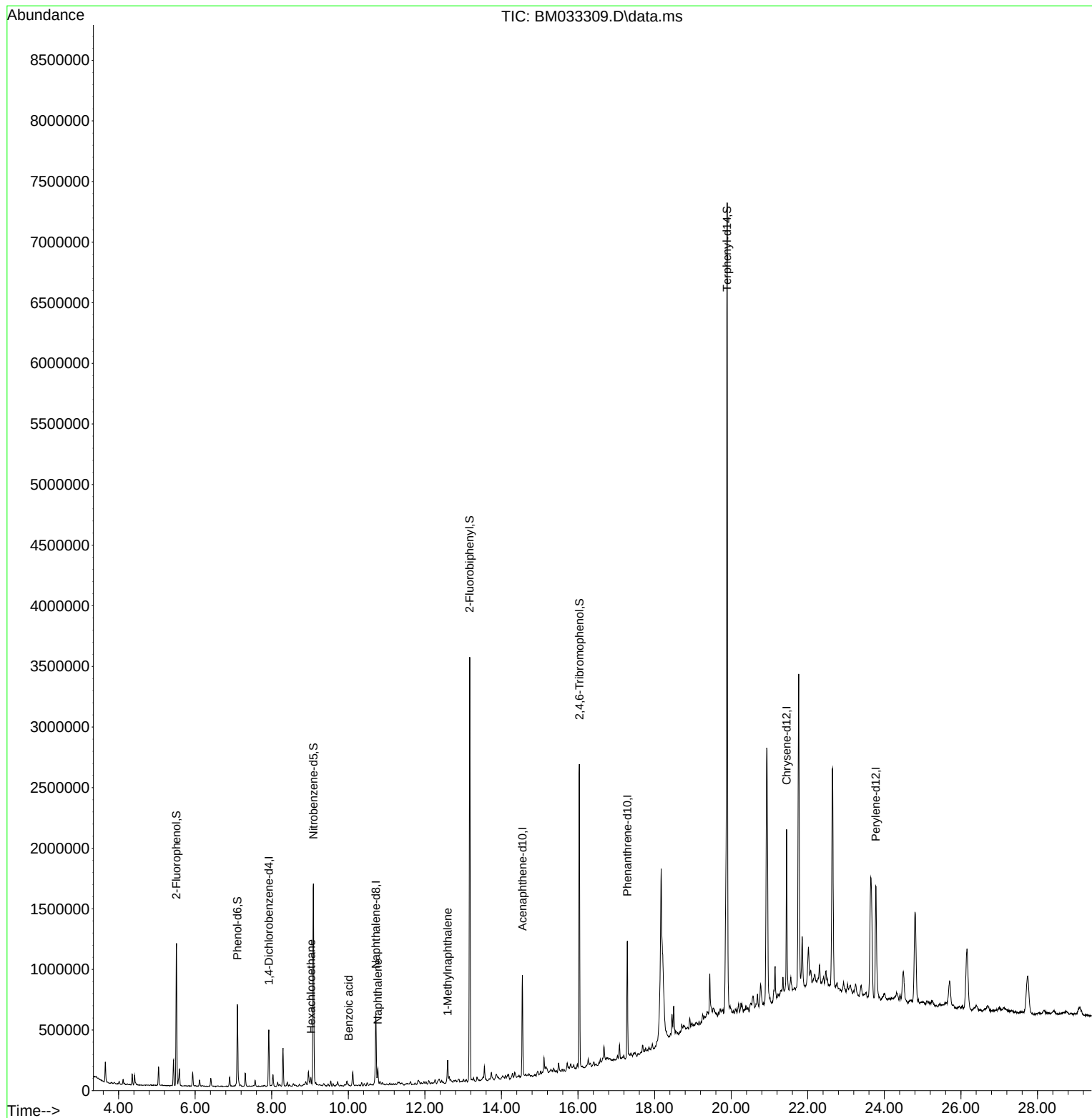
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	116719	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	450700	20.000	ng	# 0.00
39) Acenaphthene-d10	14.548	164	270299	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	551793	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	568224	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	622045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	452957	64.086	ng	0.00
7) Phenol-d6	7.101	99	363512	38.402	ng	0.00
23) Nitrobenzene-d5	9.089	82	982519	101.202	ng	0.00
42) 2,4,6-Tribromophenol	16.036	330	395913	134.367	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1702129	88.810	ng	0.00
79) Terphenyl-d14	19.895	244	2235291	77.787	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.066	77	2012	Below Cal	#	1
18) Hexachloroethane	9.025	117	10513	3.273	ng	# 1
31) Naphthalene	10.772	128	78908	3.319	ng	98
32) Benzoic acid	10.013	122	216	5.267	ng	91
38) 1-Methylnaphthalene	12.595	142	44320	2.807	ng	# 97

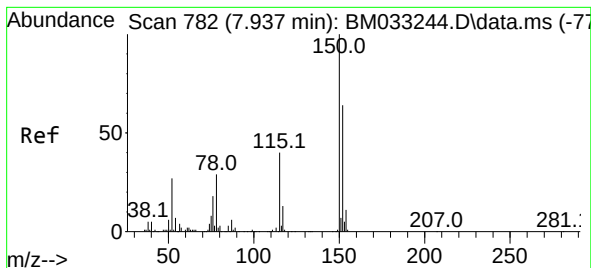
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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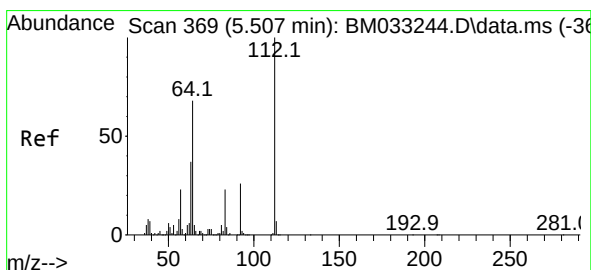
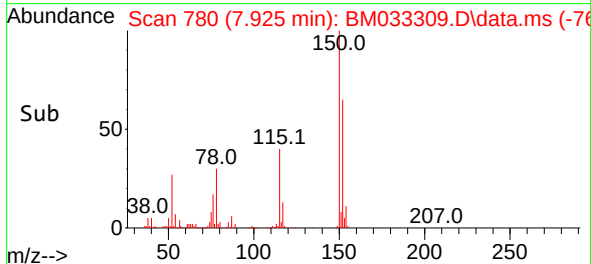
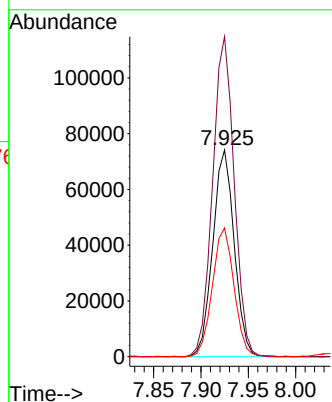
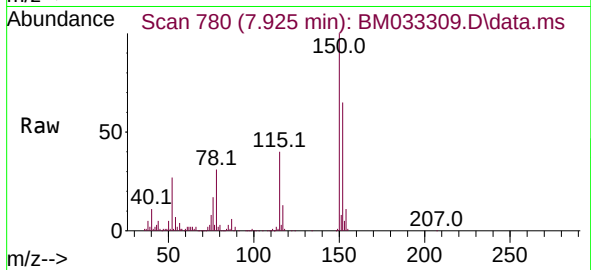




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

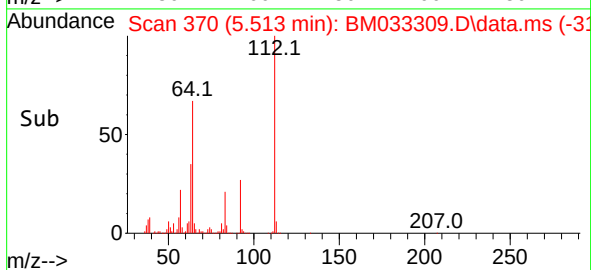
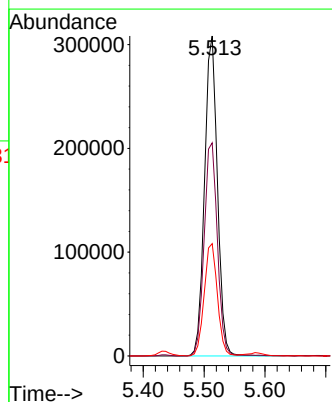
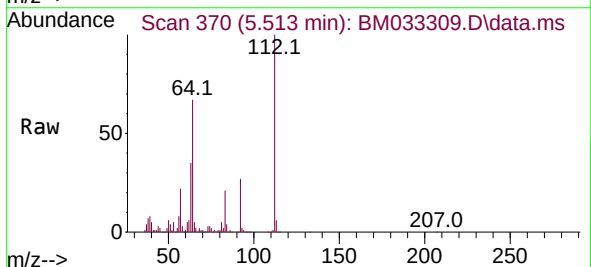
Instrument :
BNA_M
ClientSampleId :
MW-31

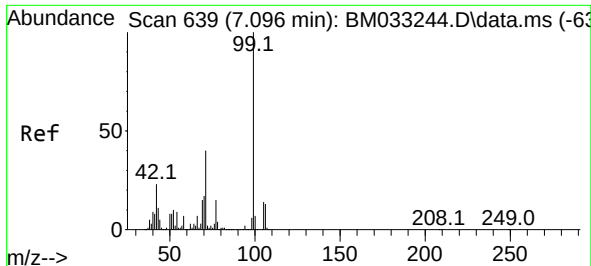
Tgt Ion:152 Resp: 116719
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 62.2 53.8 80.8



#5
2-Fluorophenol
Concen: 64.086 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion:112 Resp: 452957
Ion Ratio Lower Upper
112 100
64 66.6 53.7 80.5
63 35.1 33.9 50.9

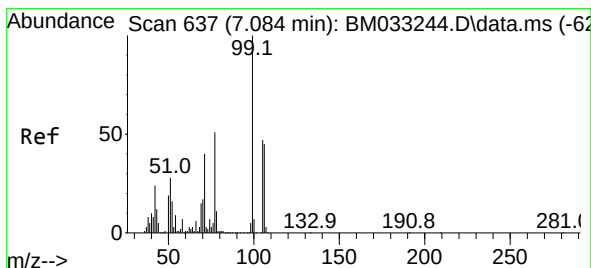
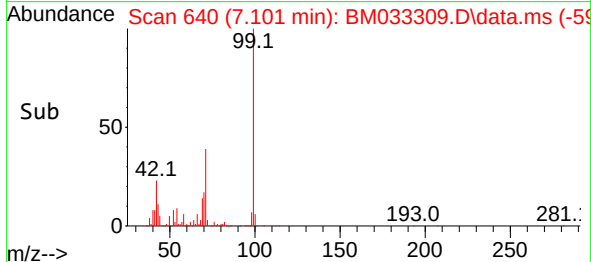
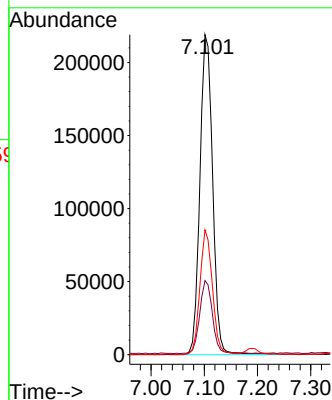
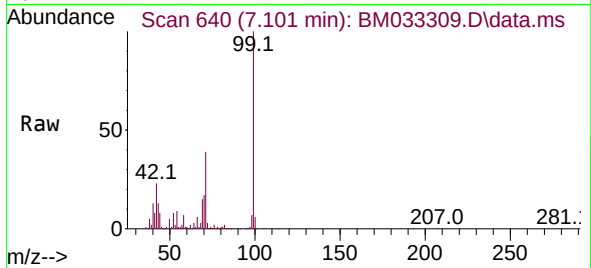




#7
Phenol-d6
Concen: 38.402 ng
RT: 7.101 min Scan# 640
Delta R.T. -0.006 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

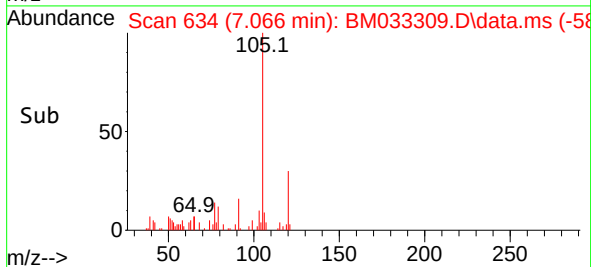
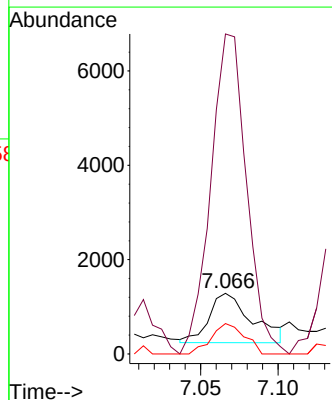
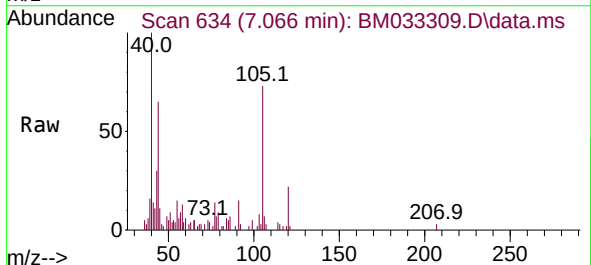
Instrument :
BNA_M
ClientSampleId :
MW-31

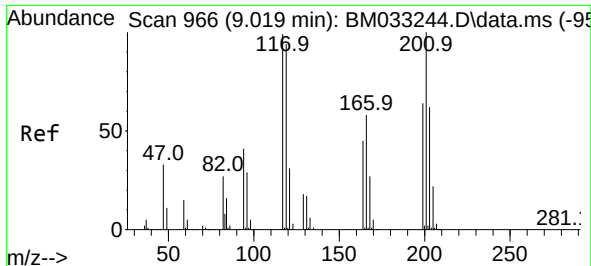
Tgt Ion: 99 Resp: 363512
Ion Ratio Lower Upper
99 100
42 23.2 23.0 34.6
71 39.0 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion: 77 Resp: 2012
Ion Ratio Lower Upper
77 100
105 527.6 68.9 108.9#
106 50.0 61.2 101.2#

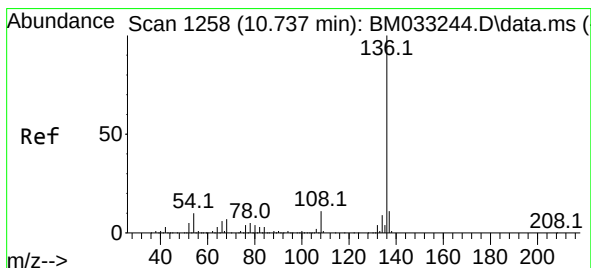
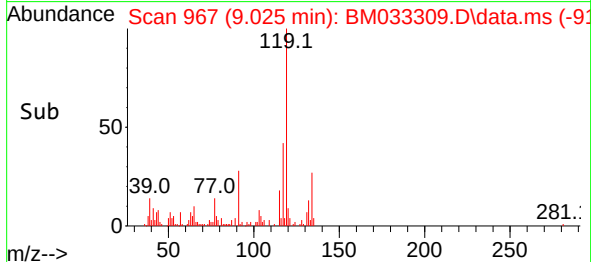
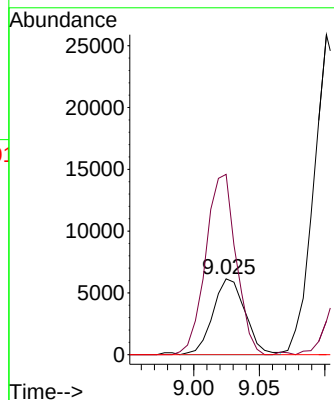
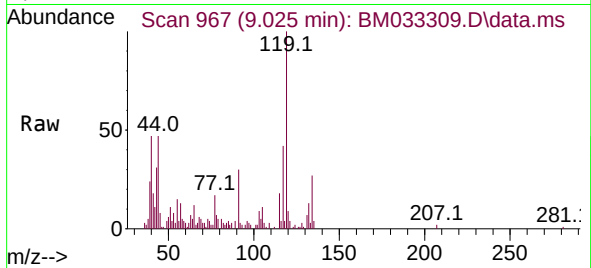




#18
Hexachloroethane
Concen: 3.273 ng
RT: 9.025 min Scan# 90
Delta R.T. 0.023 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

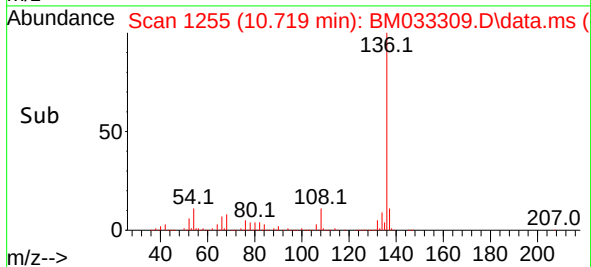
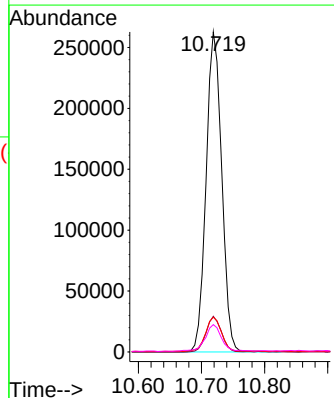
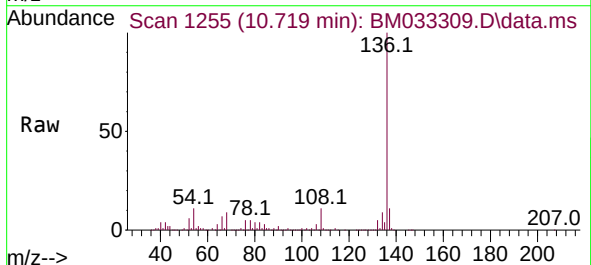
Instrument :
BNA_M
ClientSampleId :
MW-31

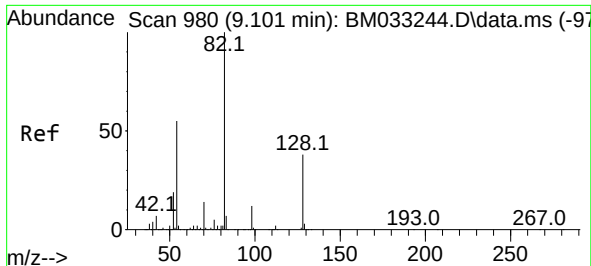
Tgt Ion:117 Resp: 10513
Ion Ratio Lower Upper
117 100
119 237.5 77.7 116.5#
201 0.0 70.2 105.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion:136 Resp: 450700
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.8 7.4 11.0
68 8.5 3.8 5.8#

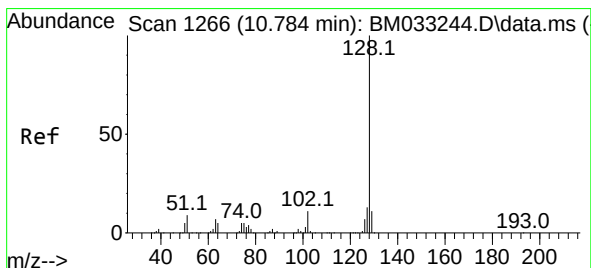
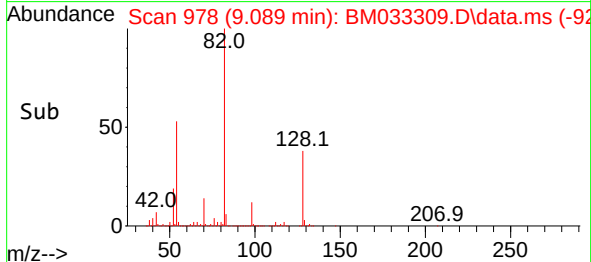
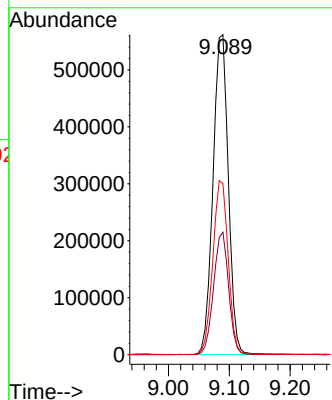
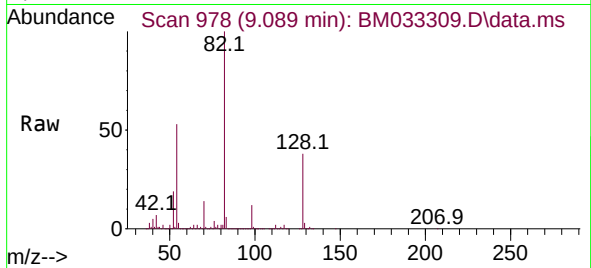




#23
Nitrobenzene-d5
Concen: 101.202 ng
RT: 9.089 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

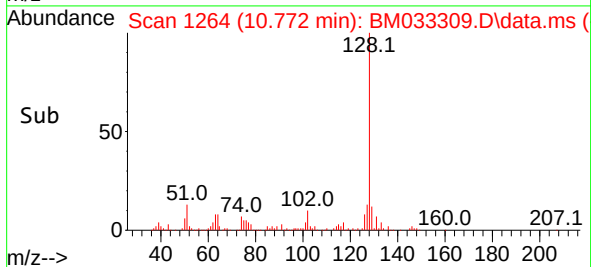
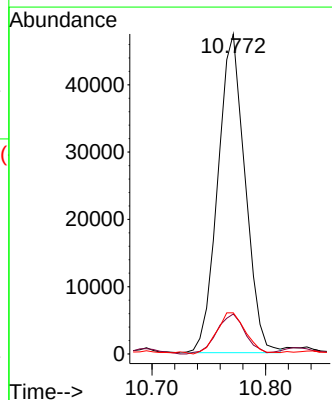
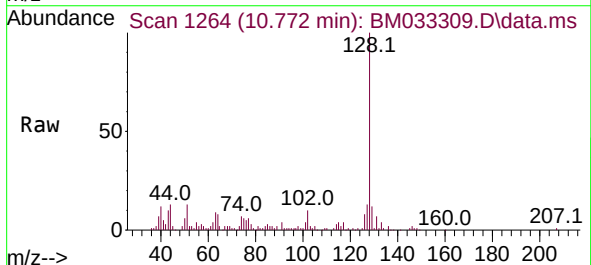
Instrument :
BNA_M
ClientSampleId :
MW-31

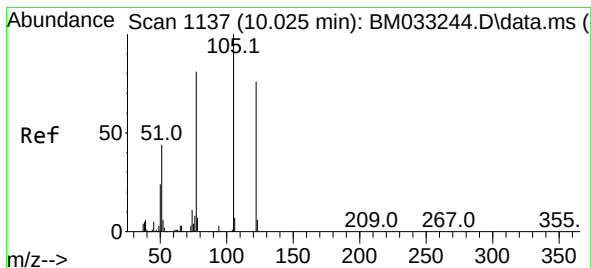
Tgt Ion: 82 Resp: 982519
Ion Ratio Lower Upper
82 100
128 38.3 29.0 43.6
54 53.5 45.8 68.8



#31
Naphthalene
Concen: 3.319 ng
RT: 10.772 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion: 128 Resp: 78908
Ion Ratio Lower Upper
128 100
129 12.5 8.6 13.0
127 12.9 10.4 15.6





#32

Benzoic acid

Concen: 5.267 ng

RT: 10.013 min Scan# 1135

Delta R.T. -0.035 min

Lab File: BM033309.D

Acq: 06 Dec 2021 13:10

Instrument :

BNA_M

ClientSampleId :

MW-31

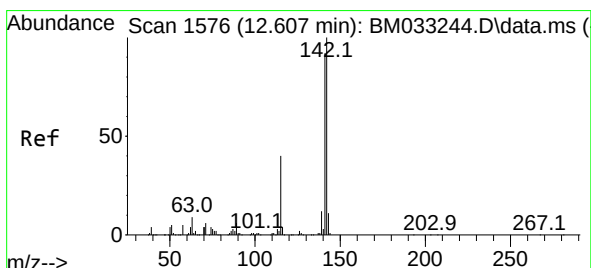
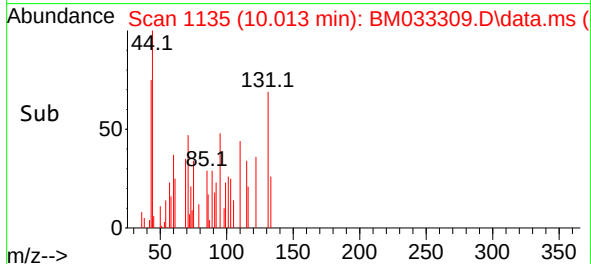
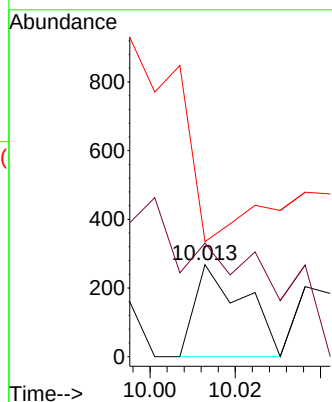
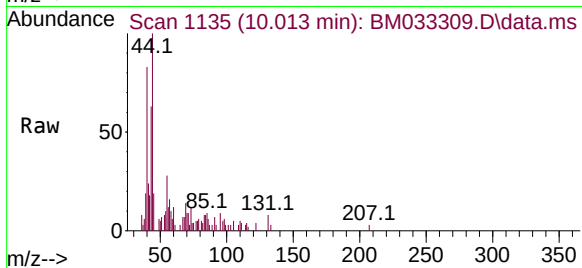
Tgt Ion:122 Resp: 216

Ion Ratio Lower Upper

122 100

105 123.5 120.3 160.3

77 125.0 100.0 140.0



#38

1-Methylnaphthalene

Concen: 2.807 ng

RT: 12.595 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BM033309.D

Acq: 06 Dec 2021 13:10

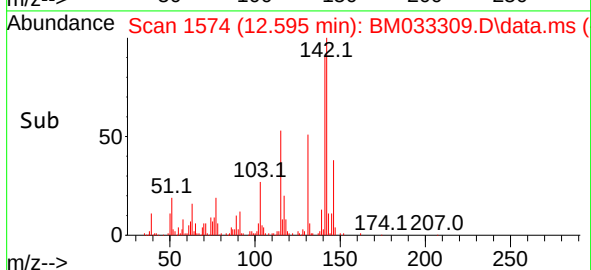
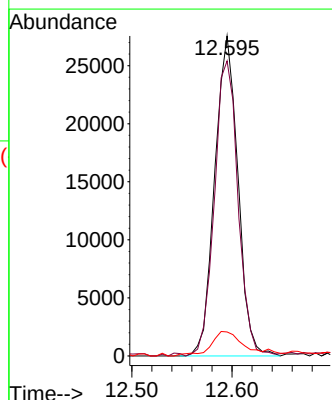
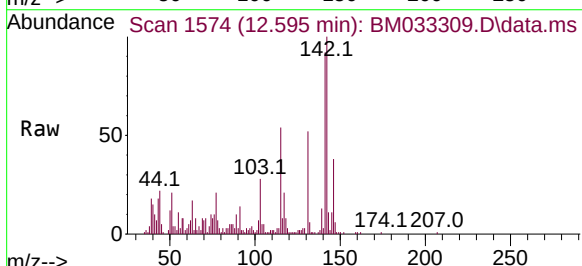
Tgt Ion:142 Resp: 44320

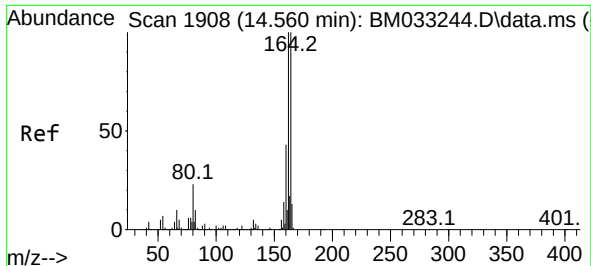
Ion Ratio Lower Upper

142 100

141 92.2 75.6 113.4

116 7.5 4.0 6.0#

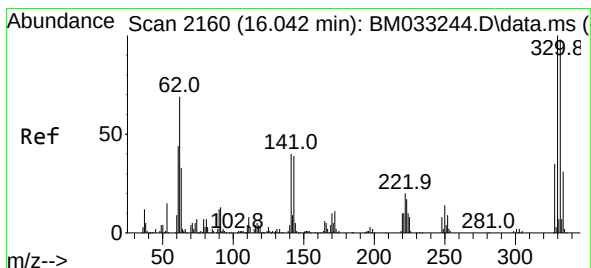
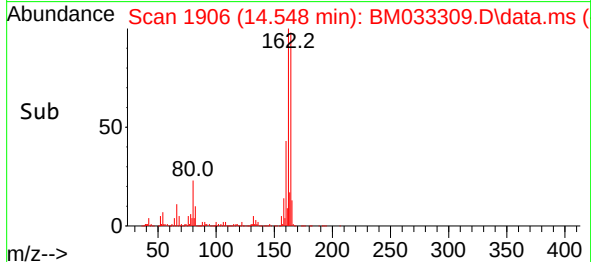
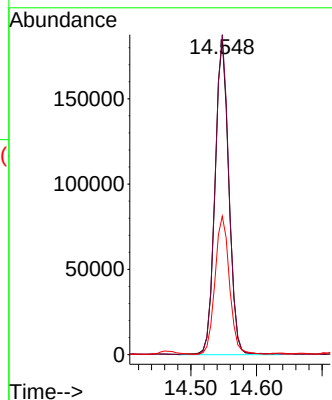
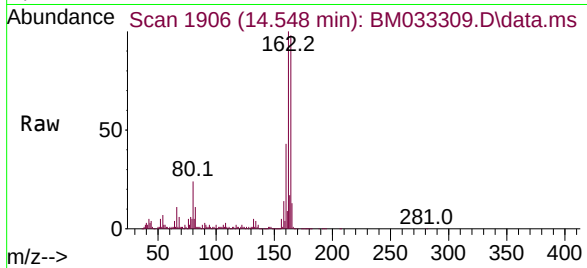




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

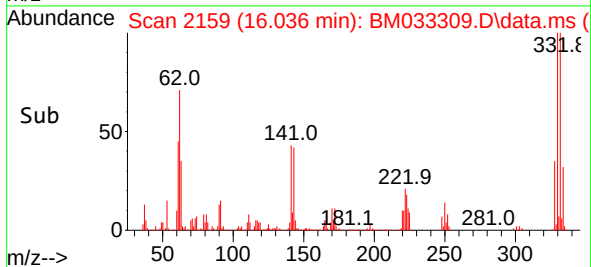
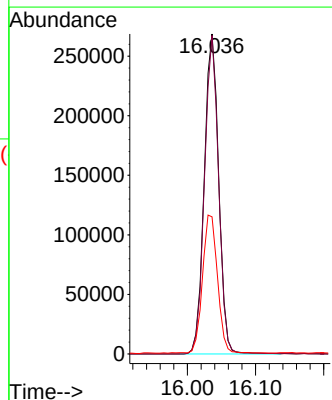
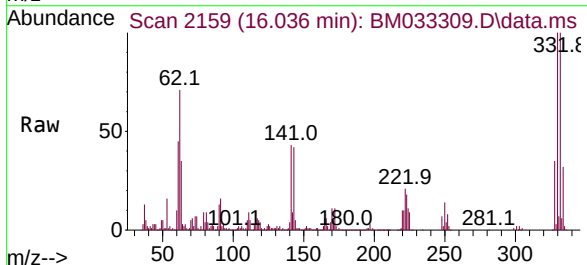
Instrument :
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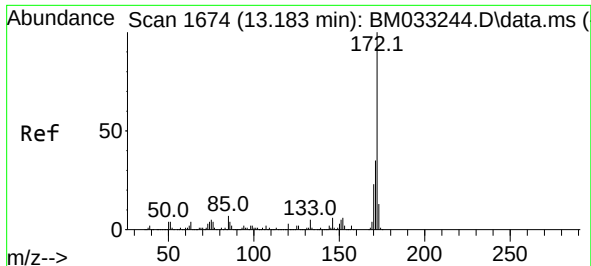
Tgt Ion:164 Resp: 270299
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 44.0 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 134.367 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion:330 Resp: 395913
Ion Ratio Lower Upper
330 100
332 97.0 75.7 113.5
141 45.0 50.7 76.1#

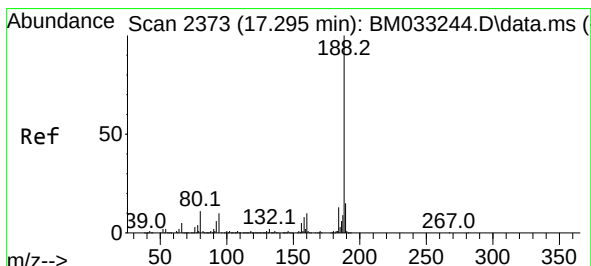
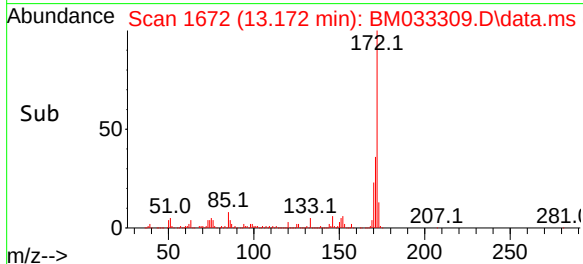
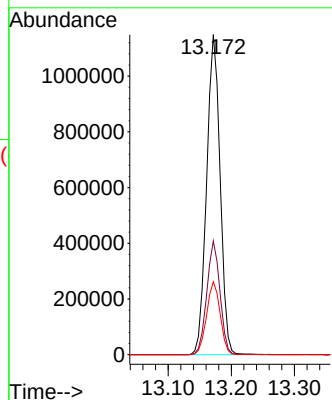
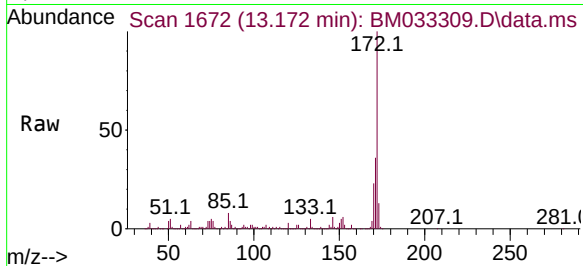




#45
2-Fluorobiphenyl
Concen: 88.810 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

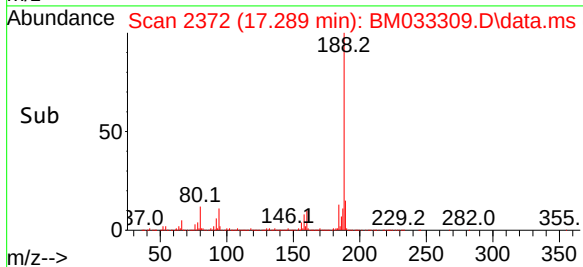
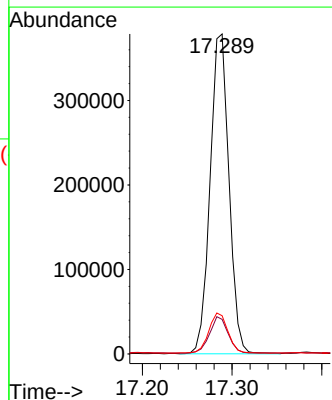
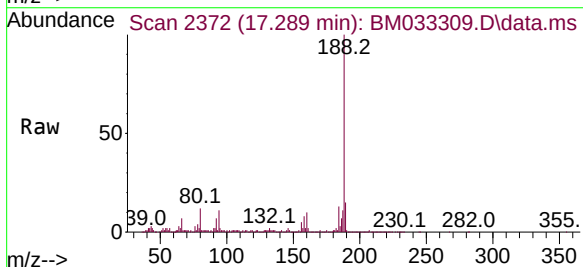
Instrument :
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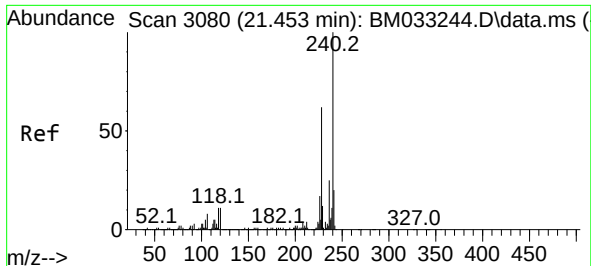
Tgt Ion:172 Resp: 1702129
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 22.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion:188 Resp: 551793
Ion Ratio Lower Upper
188 100
94 10.8 6.3 9.5#
80 12.0 7.3 10.9#

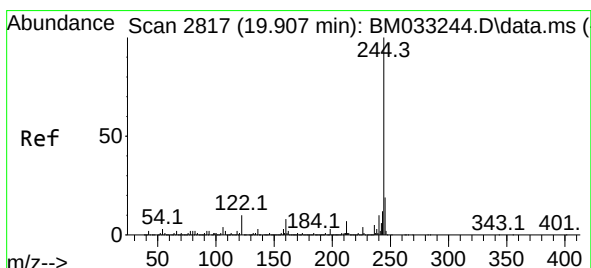
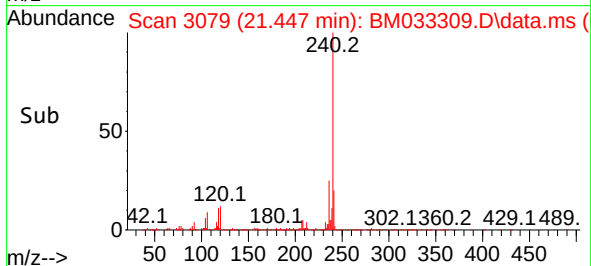
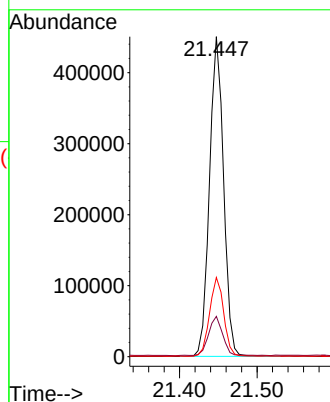
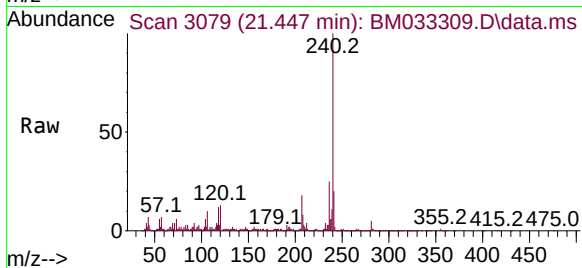




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

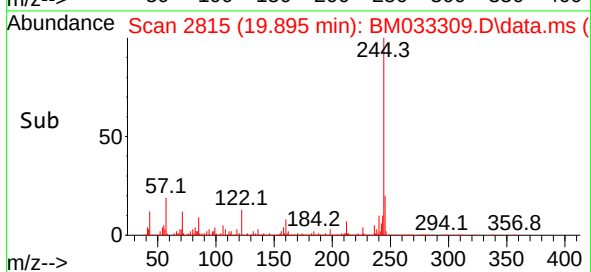
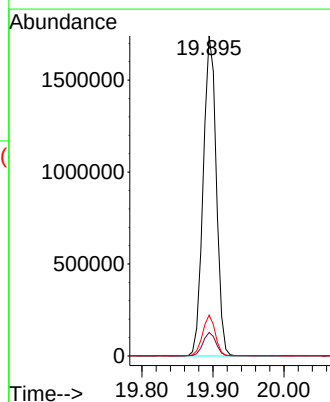
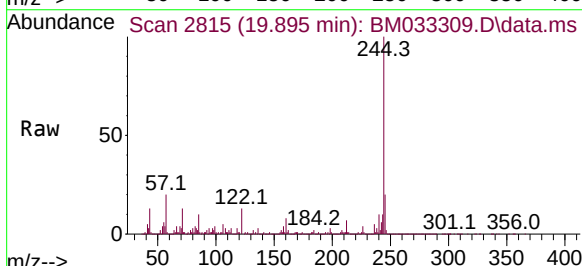
Instrument :
BNA_M
ClientSampleId :
MW-31

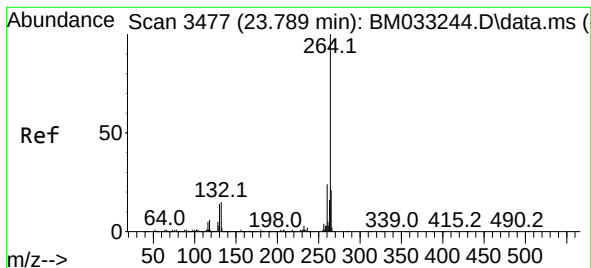
Tgt Ion:240 Resp: 568224
Ion Ratio Lower Upper
240 100
120 12.6 7.8 11.6#
236 24.8 20.9 31.3



#79
Terphenyl-d14
Concen: 77.787 ng
RT: 19.895 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM033309.D
Acq: 06 Dec 2021 13:10

Tgt Ion:244 Resp: 2235291
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 12.8 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: BM033309.D

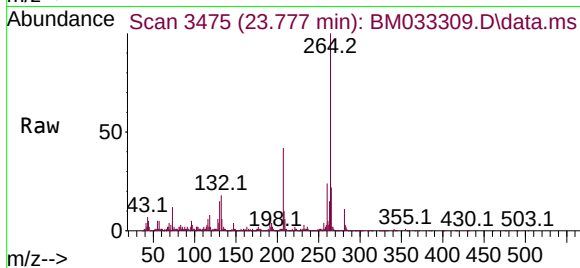
Acq: 06 Dec 2021 13:10

Instrument :

BNA_M

ClientSampleId :

MW-31



Tgt Ion:264 Resp: 622045

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.0 18.3 27.5

