

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033310.D
 Acq On : 06 Dec 2021 13:46
 Operator : CG/JU
 Sample : M4917-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-32

Quant Time: Dec 07 03:06:56 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)

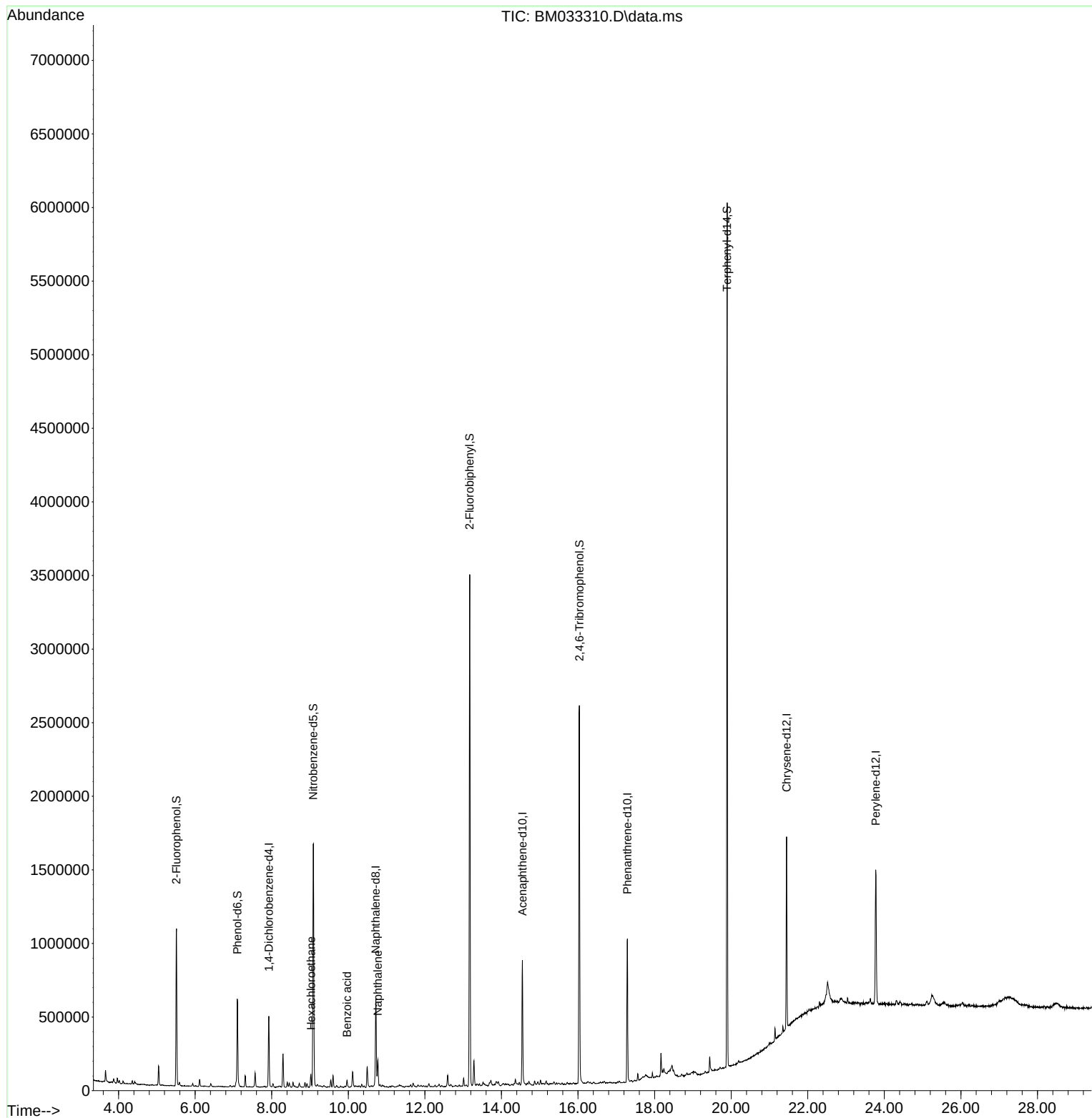
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	119941	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	473169	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	278078	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	581596	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	605566	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	648232	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	421489	58.032	ng	0.00
7) Phenol-d6	7.101	99	325791	33.492	ng	0.00
23) Nitrobenzene-d5	9.084	82	981471	96.294	ng	-0.02
42) 2,4,6-Tribromophenol	16.036	330	420901	138.851	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1724516	87.461	ng	-0.01
79) Terphenyl-d14	19.895	244	2551300	83.309	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.066	77	3413	Below Cal	Qvalue	# 1
18) Hexachloroethane	9.025	117	11041	3.345	ng	# 1
31) Naphthalene	10.772	128	130931	5.246	ng	100
32) Benzoic acid	9.972	122	209	5.264	ng	# 1

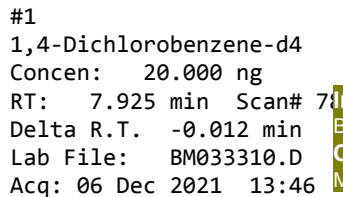
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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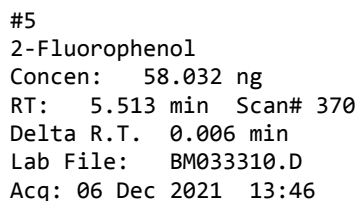
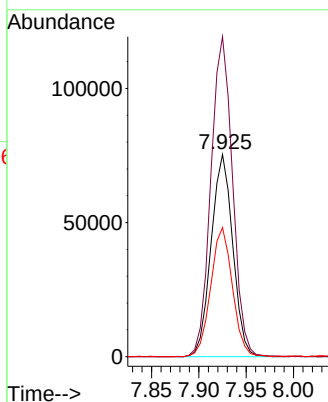
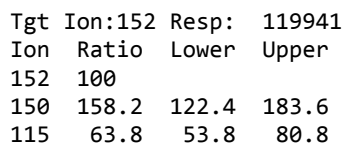
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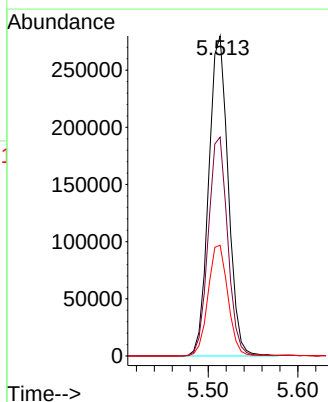


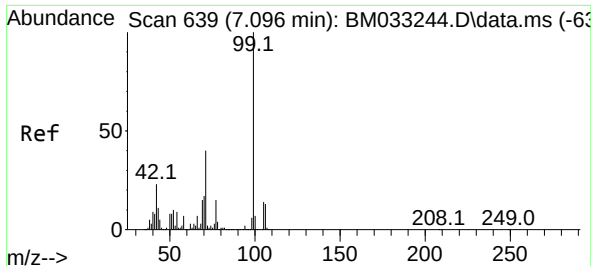


Instrument :
BNA_M
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MW-32



Tgt	Ion:112	Resp:	421489
Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.7	80.5
63	34.6	33.9	50.9

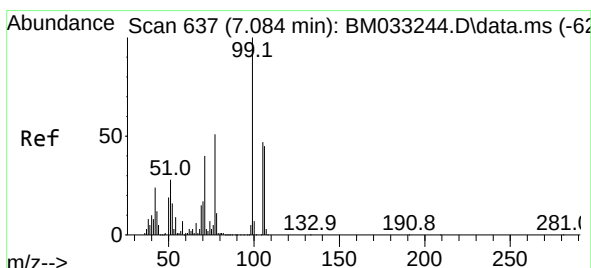
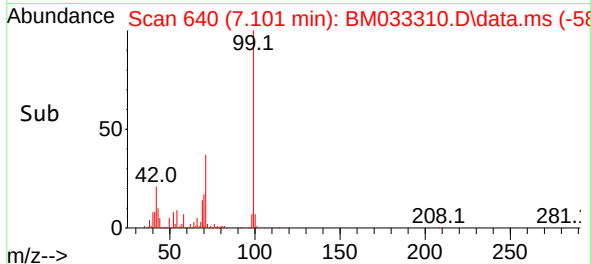
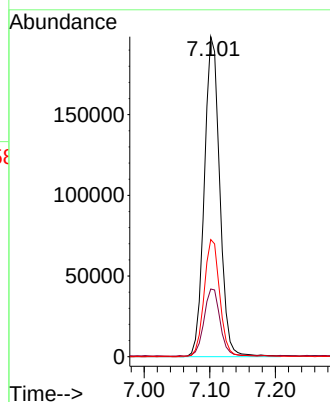
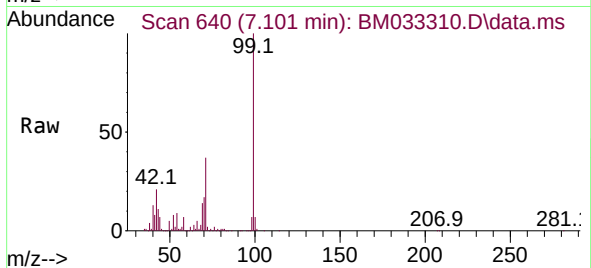




#7
Phenol-d6
Concen: 33.492 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

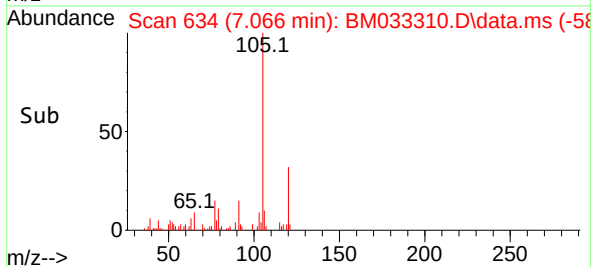
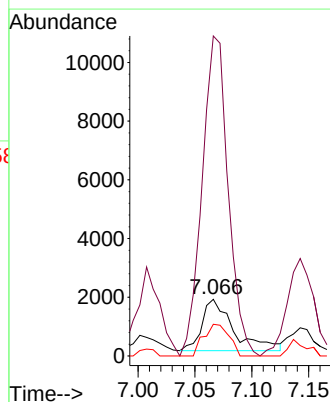
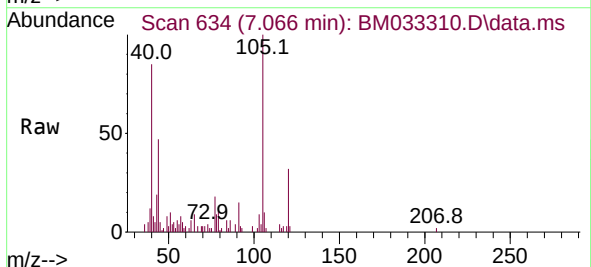
Instrument :
BNA_M
ClientSampleId :
MW-32

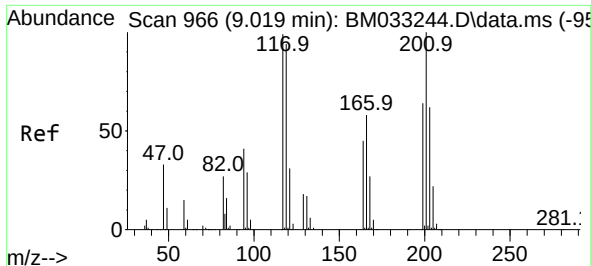
Tgt Ion: 99 Resp: 325791
Ion Ratio Lower Upper
99 100
42 21.2 23.0 34.6#
71 36.6 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 634
Delta R.T. -0.018 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

Tgt Ion: 77 Resp: 3413
Ion Ratio Lower Upper
77 100
105 564.3 68.9 108.9#
106 55.9 61.2 101.2#

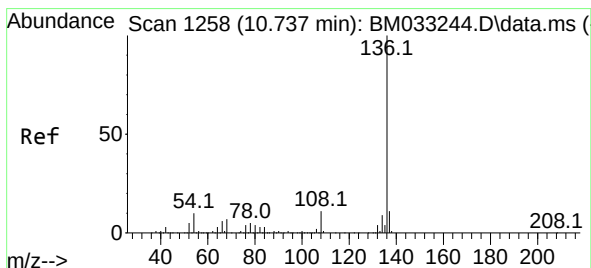
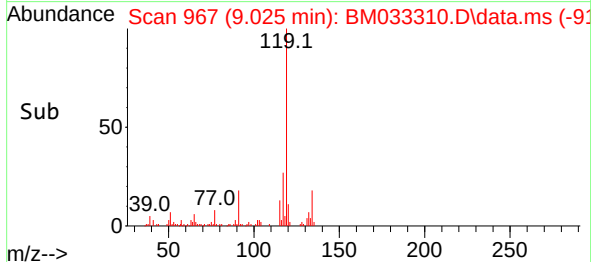
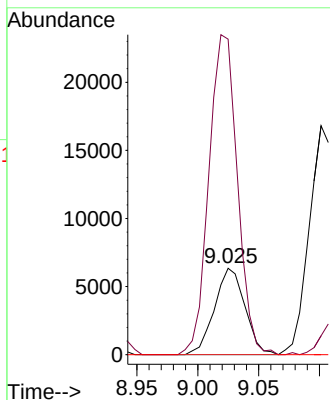
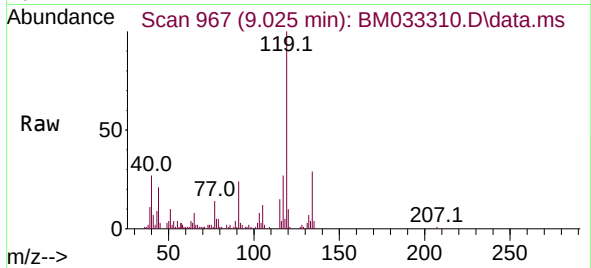




#18
Hexachloroethane
Concen: 3.345 ng
RT: 9.025 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

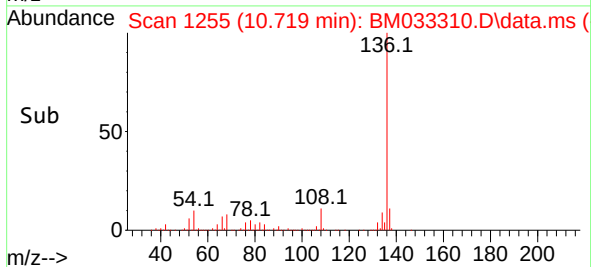
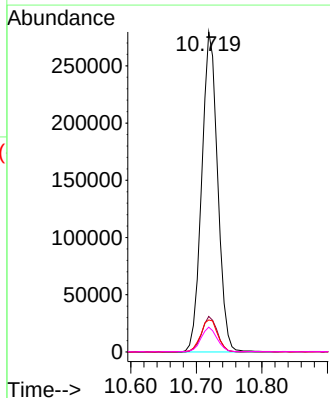
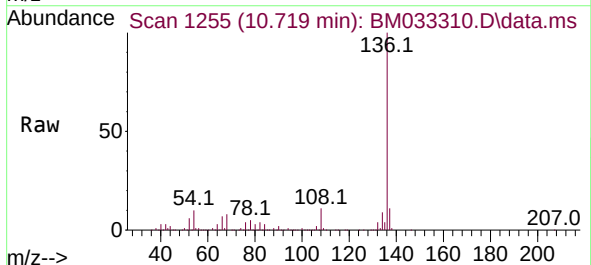
Instrument :
BNA_M
ClientSampleId :
MW-32

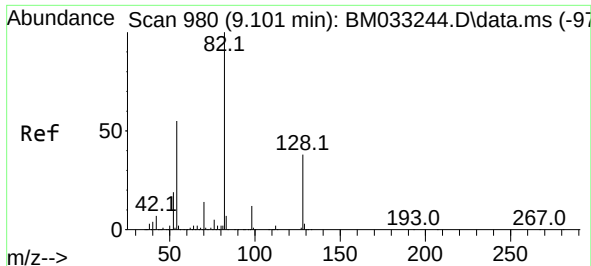
Tgt Ion:117 Resp: 11041
Ion Ratio Lower Upper
117 100
119 364.9 77.7 116.5#
201 0.0 70.2 105.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

Tgt Ion:136 Resp: 473169
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.0 7.4 11.0
68 7.8 3.8 5.8#

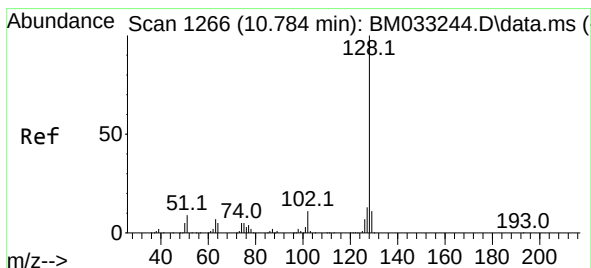
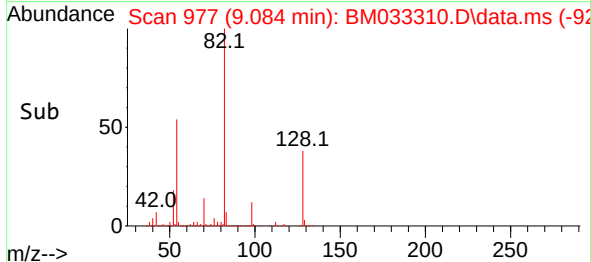
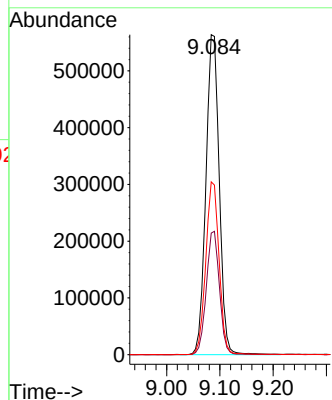
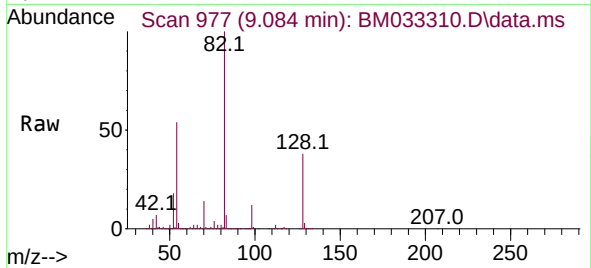




#23
Nitrobenzene-d5
Concen: 96.294 ng
RT: 9.084 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

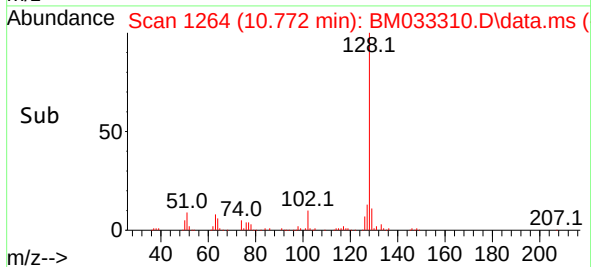
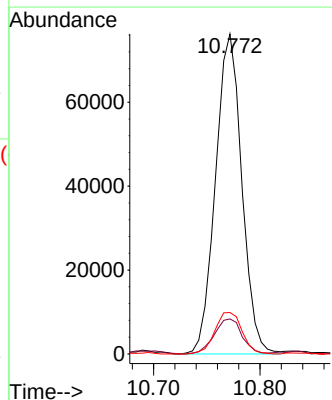
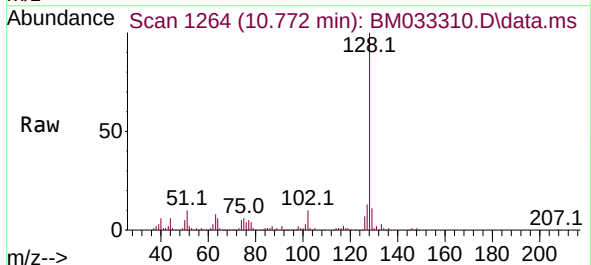
Instrument :
BNA_M
ClientSampleId :
MW-32

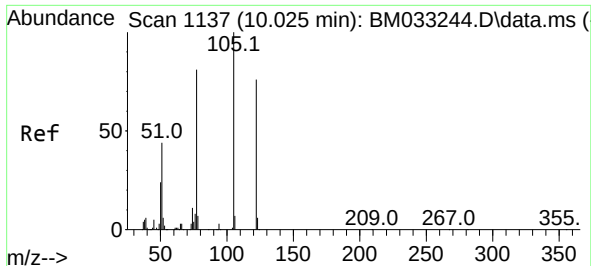
Tgt Ion: 82 Resp: 981471
Ion Ratio Lower Upper
82 100
128 38.0 29.0 43.6
54 54.0 45.8 68.8



#31
Naphthalene
Concen: 5.246 ng
RT: 10.772 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

Tgt Ion: 128 Resp: 130931
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6

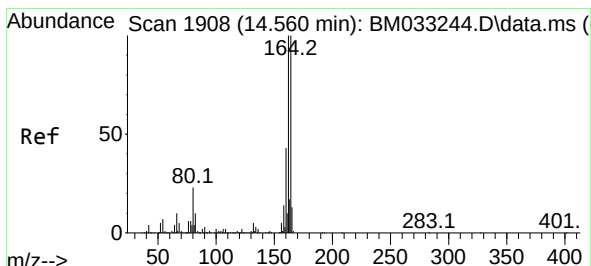
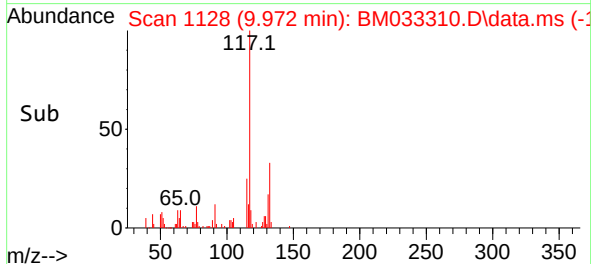
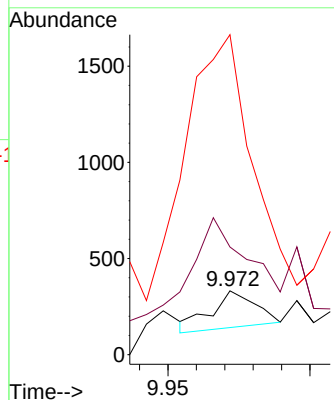
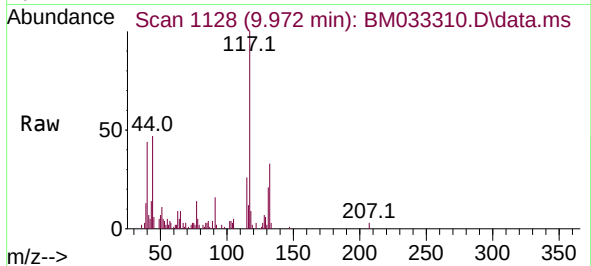




#32
Benzoic acid
Concen: 5.264 ng
RT: 9.972 min Scan# 1137
Delta R.T. -0.053 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

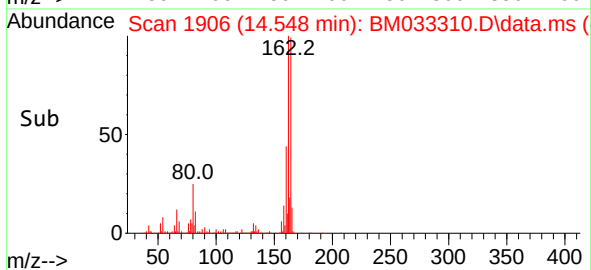
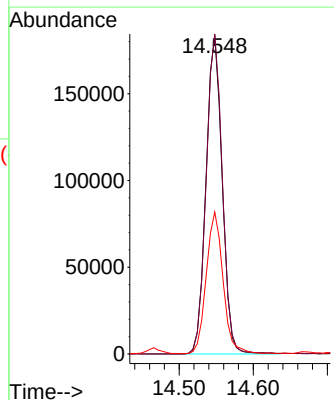
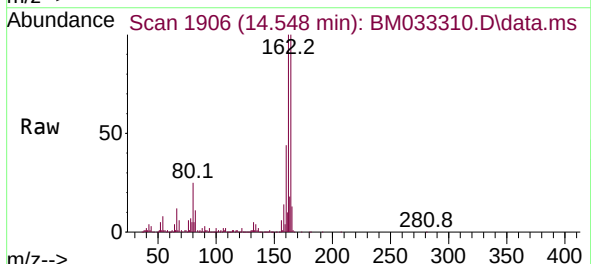
Instrument :
BNA_M
ClientSampleId :
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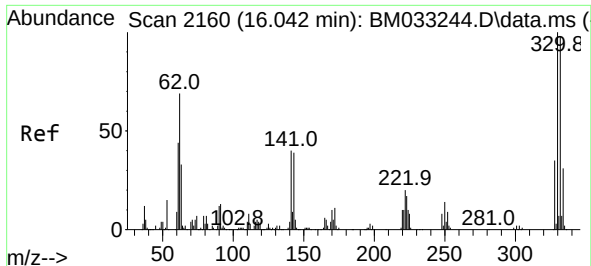
Tgt Ion:122 Resp: 209
Ion Ratio Lower Upper
122 100
105 168.7 120.3 160.3#
77 501.2 100.0 140.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

Tgt Ion:164 Resp: 278078
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 138.851 ng

RT: 16.036 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033310.D

Acq: 06 Dec 2021 13:46

Instrument :

BNA_M

ClientSampleId :

MW-32

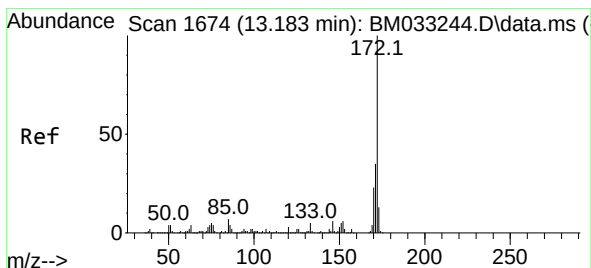
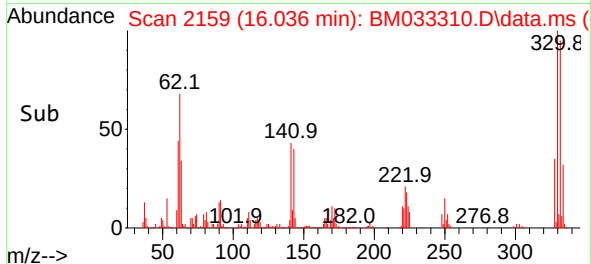
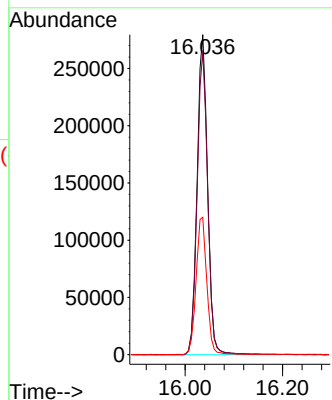
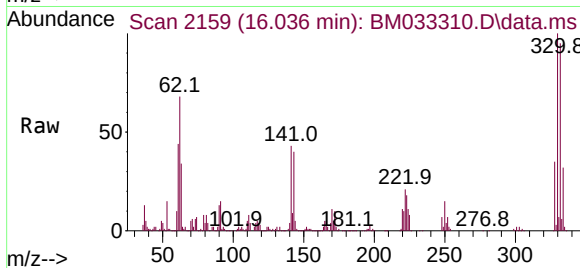
Tgt Ion:330 Resp: 420901

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

141 44.3 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 87.461 ng

RT: 13.172 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BM033310.D

Acq: 06 Dec 2021 13:46

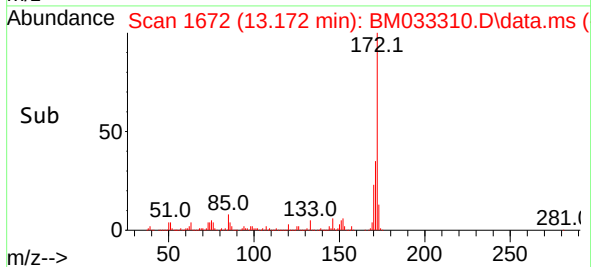
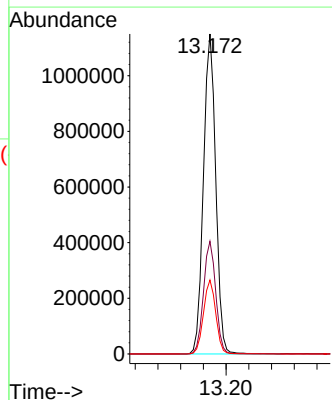
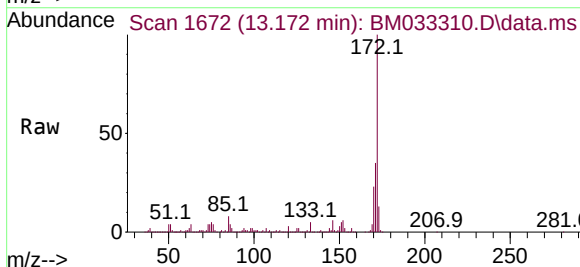
Tgt Ion:172 Resp: 1724516

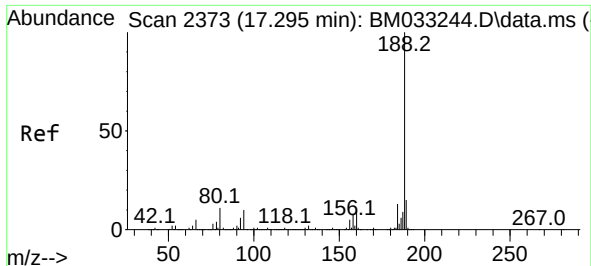
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.1 18.6 27.8

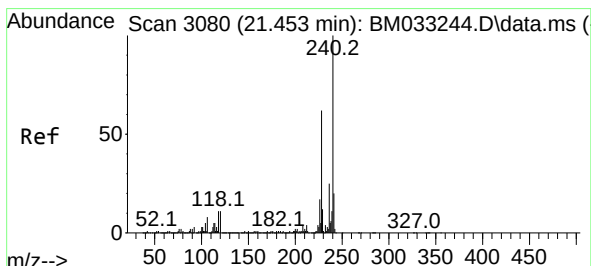
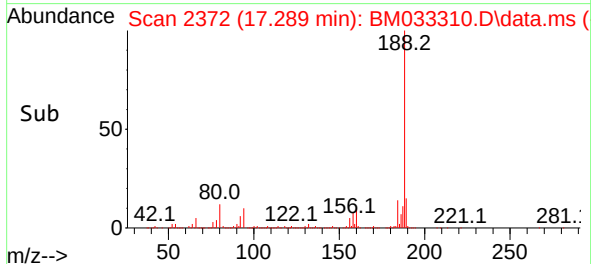
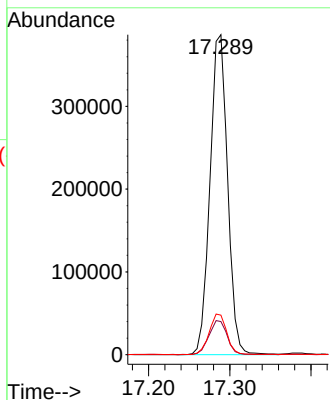
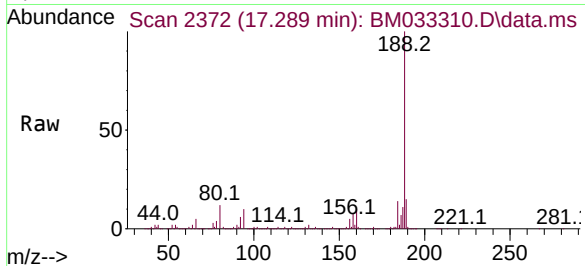




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

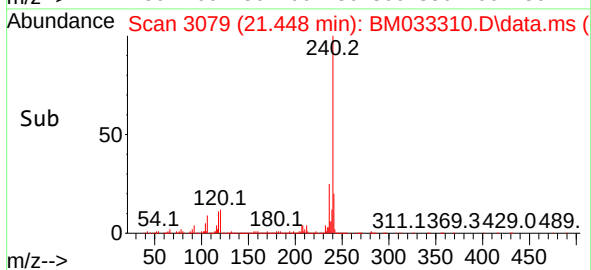
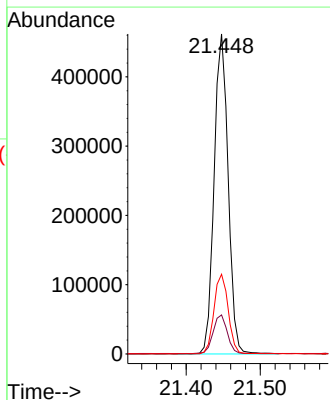
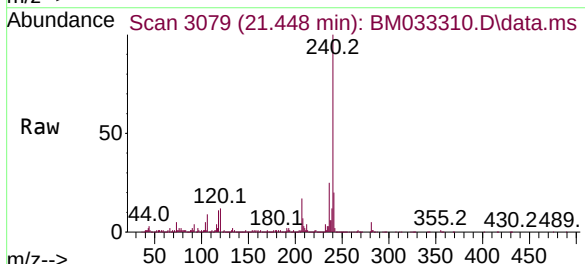
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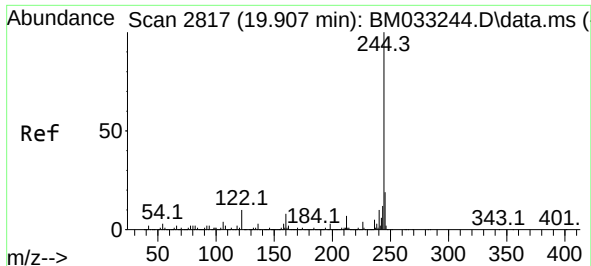
Tgt Ion:188 Resp: 581596
Ion Ratio Lower Upper
188 100
94 10.3 6.3 9.5#
80 12.4 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033310.D
Acq: 06 Dec 2021 13:46

Tgt Ion:240 Resp: 605566
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 24.9 20.9 31.3

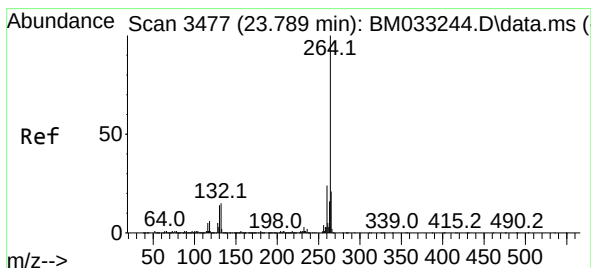
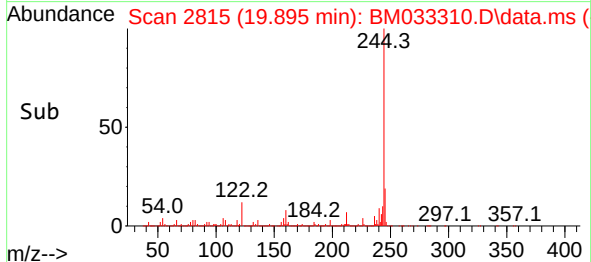
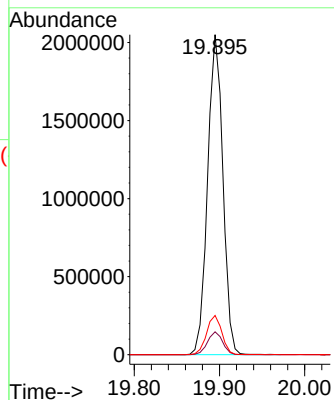
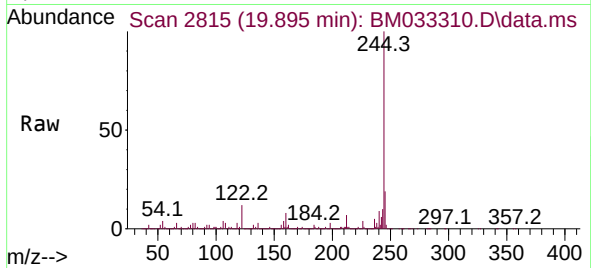




#79
 Terphenyl-d14
 Concen: 83.309 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033310.D
 Acq: 06 Dec 2021 13:46

Instrument :
 BNA_M
 ClientSampleId :
 MW-32

Tgt Ion:244 Resp: 2551300
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 12.3 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3475
 Delta R.T. -0.012 min
 Lab File: BM033310.D
 Acq: 06 Dec 2021 13:46

Tgt Ion:264 Resp: 648232
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 22.4 18.3 27.5

