

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033316.D
 Acq On : 06 Dec 2021 17:24
 Operator : CG/JU
 Sample : M4918-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-43

Quant Time: Dec 07 03:08:06 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

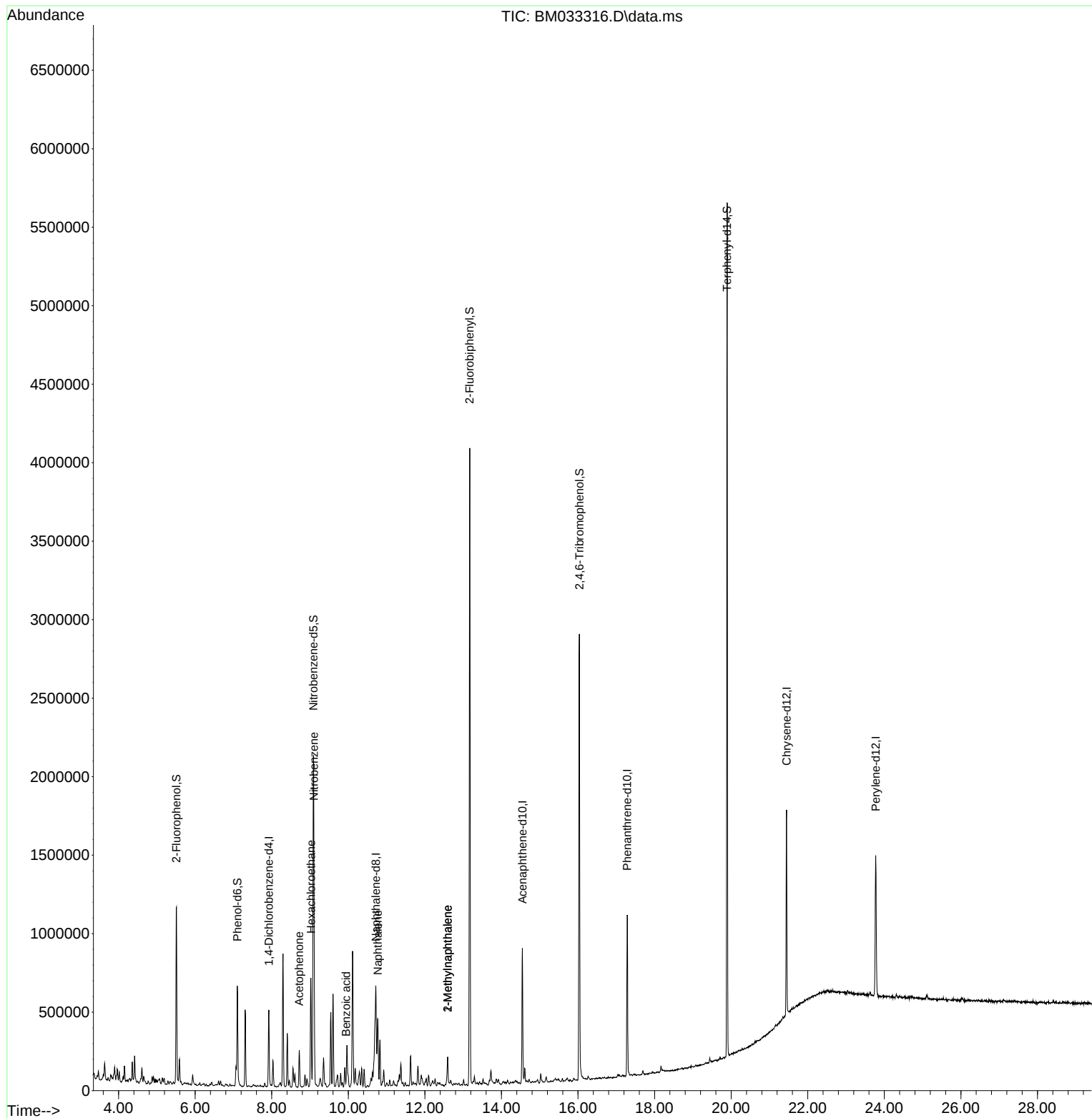
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	121027	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	480927	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	290550	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	611324	20.000	ng	#-0.01
76) Chrysene-d12	21.448	240	617863	20.000	ng	0.00
86) Perylene-d12	23.777	264	628767	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	442000	60.310	ng	0.00
7) Phenol-d6	7.101	99	339070	34.545	ng	0.00
23) Nitrobenzene-d5	9.090	82	1063313	102.640	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	434273	137.113	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1961344	95.202	ng	-0.01
79) Terphenyl-d14	19.895	244	2387324	76.403	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.066	77	9736	Below Cal	Qvalue	# 1
18) Hexachloroethane	9.025	117	103360	31.037	ng	# 1
22) Acetophenone	8.719	105	152006	12.281	ng	# 53
24) Nitrobenzene	9.101	77	29651	2.971	ng	# 1
31) Naphthalene	10.772	128	130969	5.163	ng	# 87
32) Benzoic acid	9.942	122	1856	5.619	ng	# 52
37) 2-Methylnaphthalene	12.595	142	66863	3.871	ng	95
38) 1-Methylnaphthalene	12.595	142	66922	3.972	ng	93

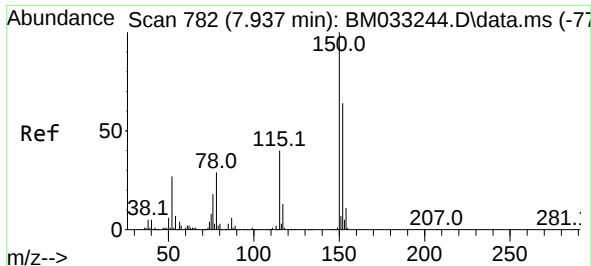
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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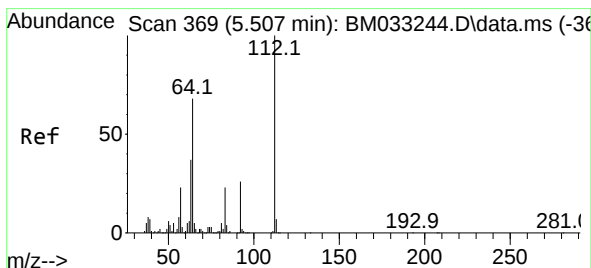
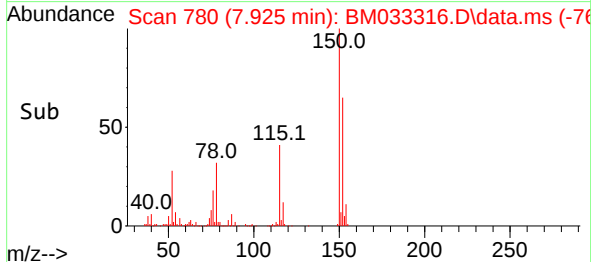
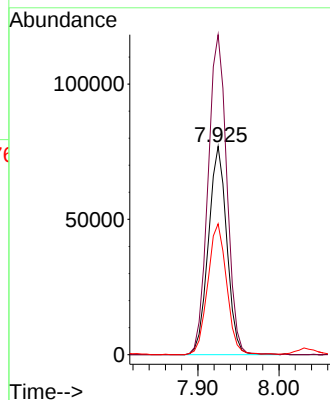
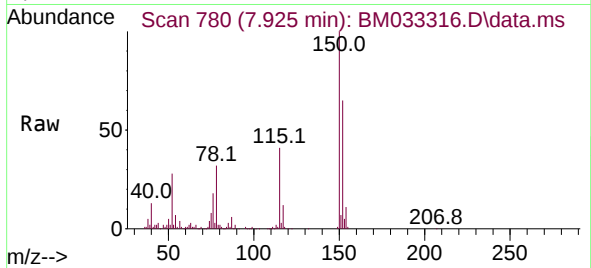




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

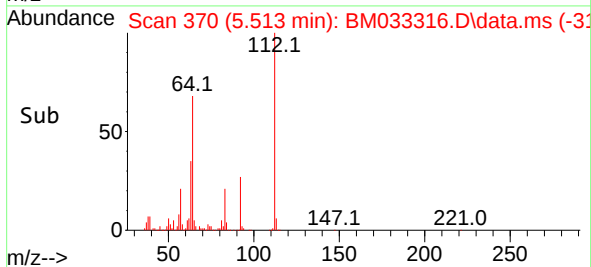
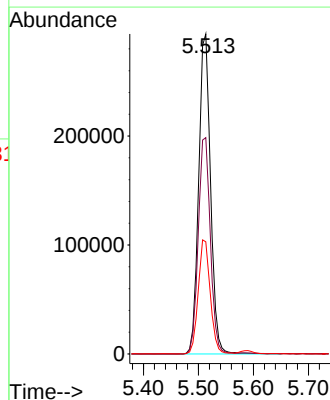
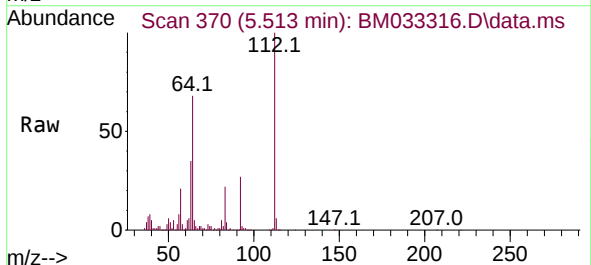
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BNA_M
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MW-43

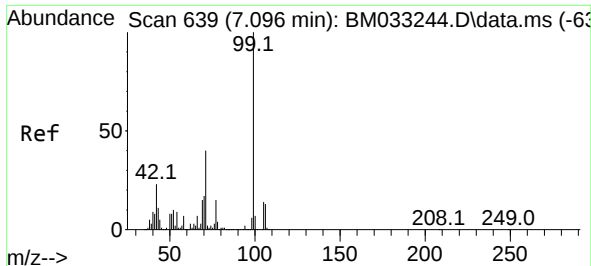
Tgt Ion:152 Resp: 121027
Ion Ratio Lower Upper
152 100
150 153.6 122.4 183.6
115 62.9 53.8 80.8



#5
2-Fluorophenol
Concen: 60.310 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion:112 Resp: 442000
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 35.1 33.9 50.9

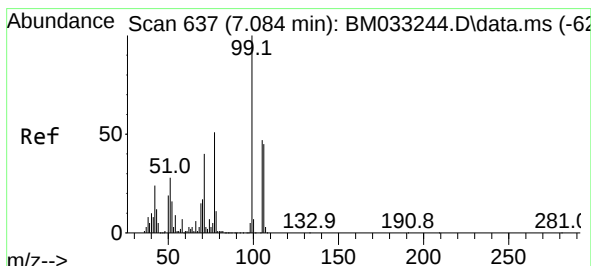
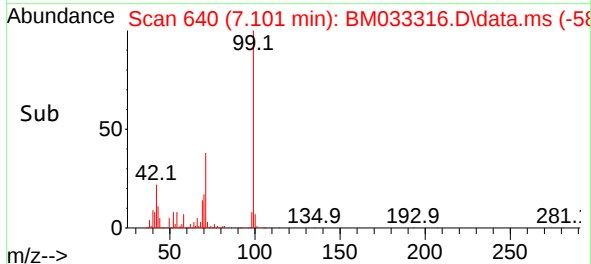
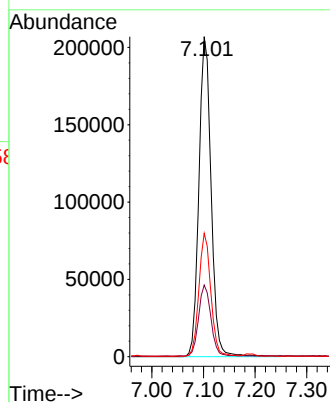
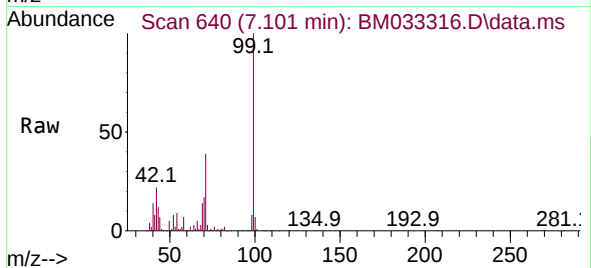




#7
Phenol-d6
Concen: 34.545 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

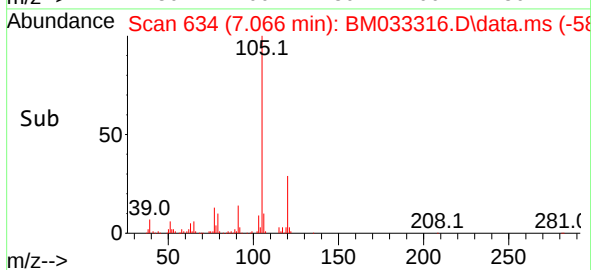
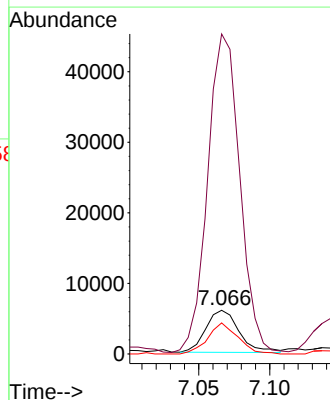
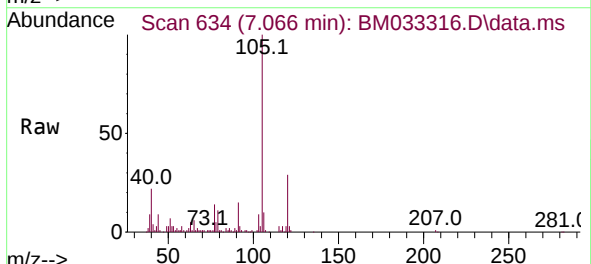
Instrument :
BNA_M
ClientSampleId :
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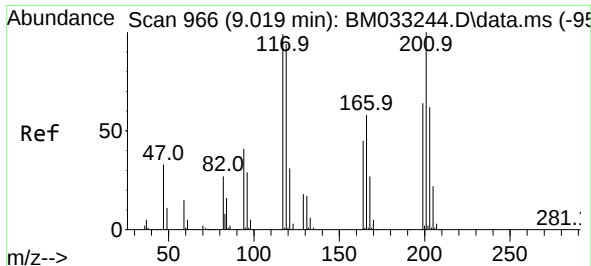
Tgt Ion: 99 Resp: 339070
Ion Ratio Lower Upper
99 100
42 22.4 23.0 34.6#
71 38.5 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 634
Delta R.T. -0.018 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion: 77 Resp: 9736
Ion Ratio Lower Upper
77 100
105 732.6 68.9 108.9#
106 71.3 61.2 101.2

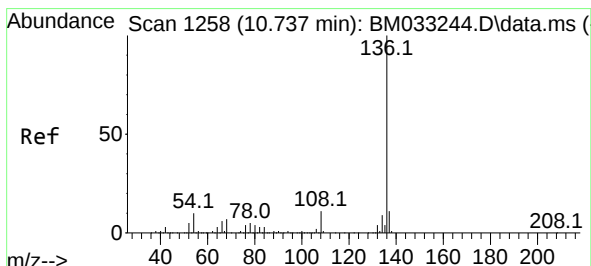
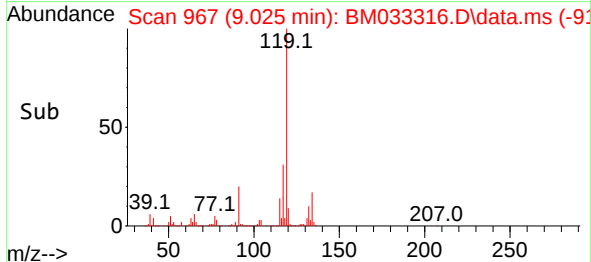
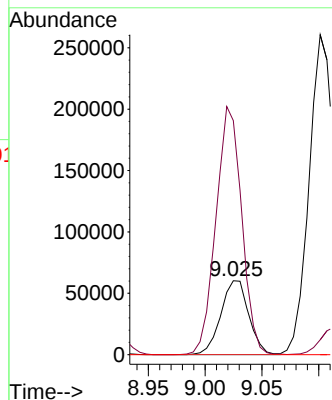
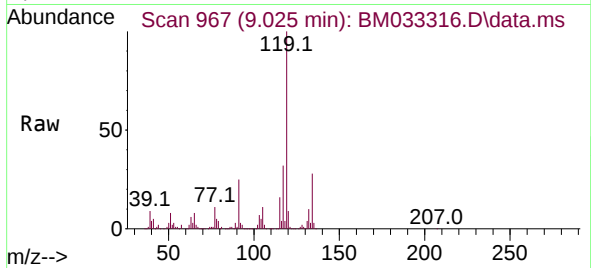




#18
Hexachloroethane
Concen: 31.037 ng
RT: 9.025 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

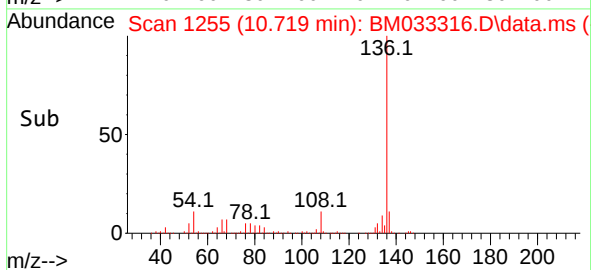
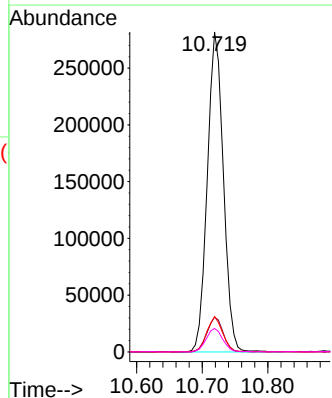
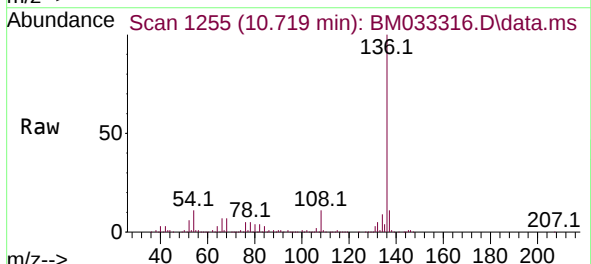
Instrument :
BNA_M
ClientSampleId :
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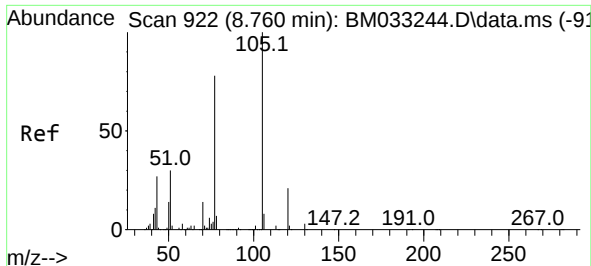
Tgt Ion:117 Resp: 103360
Ion Ratio Lower Upper
117 100
119 316.5 77.7 116.5#
201 0.0 70.2 105.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion:136 Resp: 480927
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.1 7.4 11.0#
68 7.3 3.8 5.8#

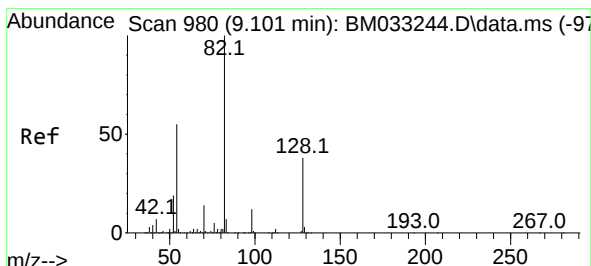
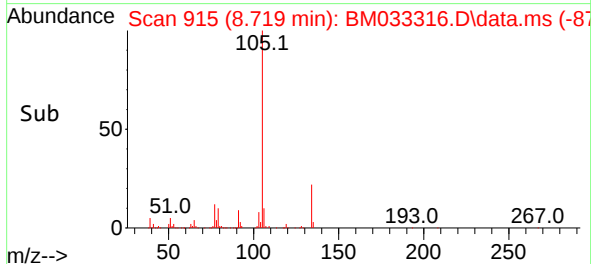
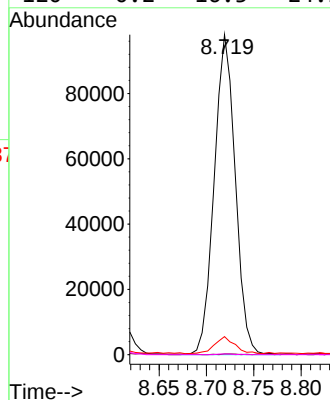
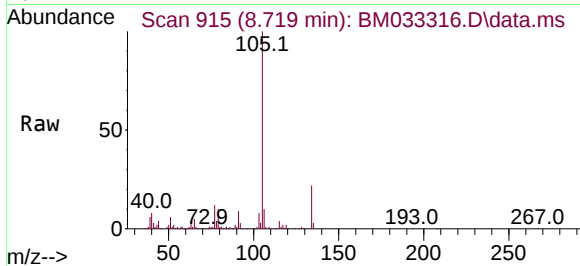




#22
Acetophenone
Concen: 12.281 ng
RT: 8.719 min Scan# 915
Delta R.T. -0.041 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

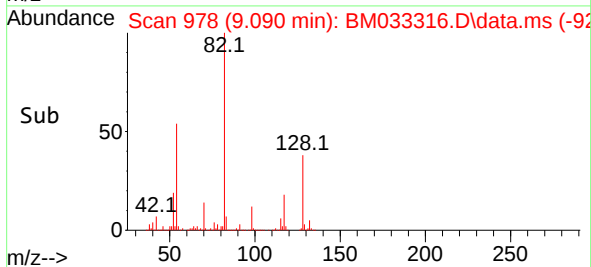
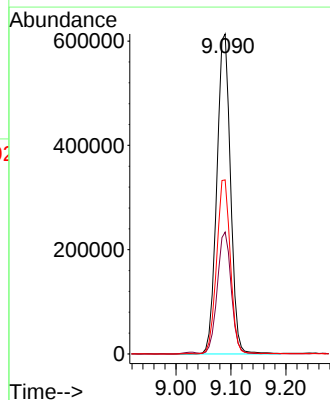
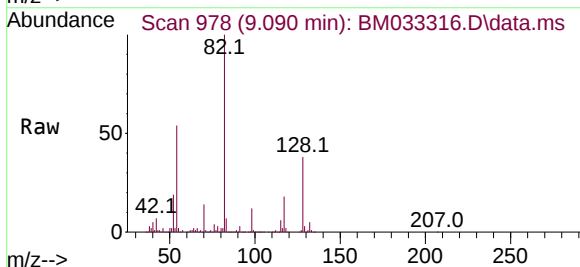
Instrument :
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ClientSampleId :
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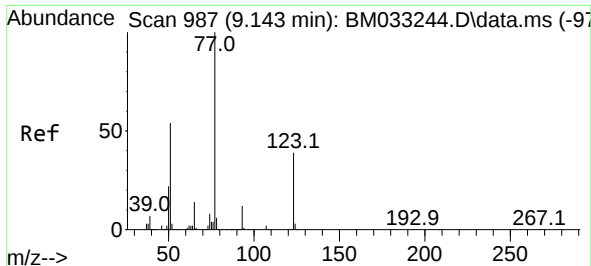
Tgt Ion:105 Resp: 152006
Ion Ratio Lower Upper
105 100
71 0.2 3.8 5.6#
51 5.7 29.5 44.3#
120 0.2 16.3 24.5#



#23
Nitrobenzene-d5
Concen: 102.640 ng
RT: 9.090 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion: 82 Resp: 1063313
Ion Ratio Lower Upper
82 100
128 38.1 29.0 43.6
54 54.4 45.8 68.8

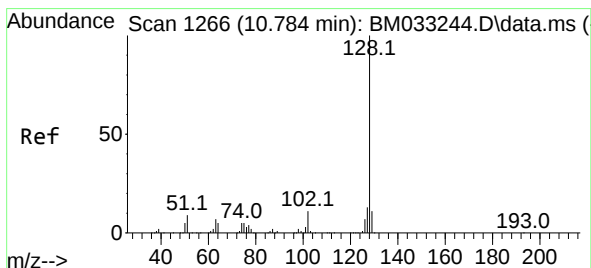
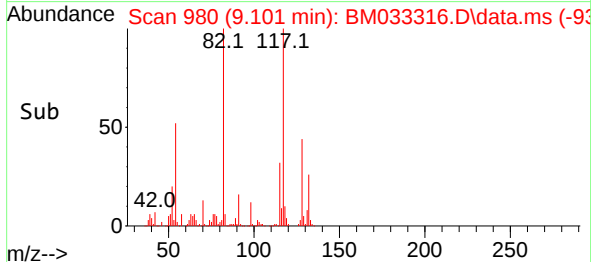
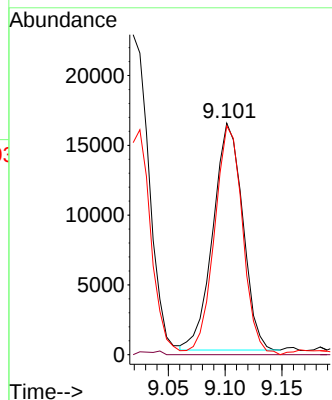
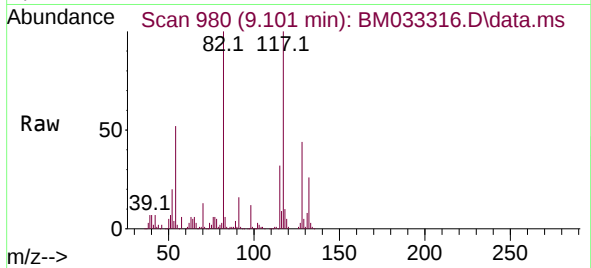




#24
Nitrobenzene
Concen: 2.971 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.041 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

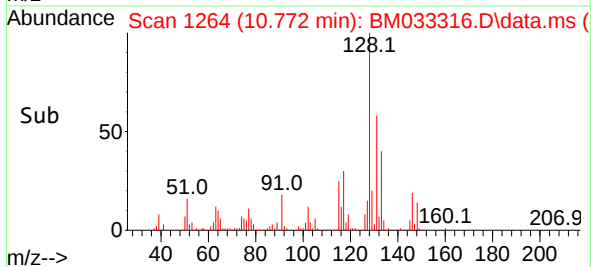
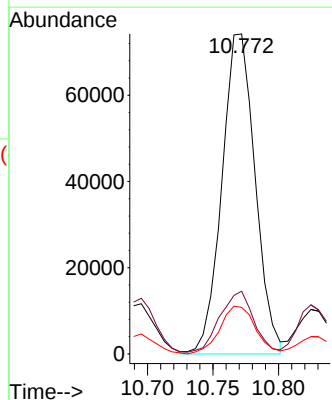
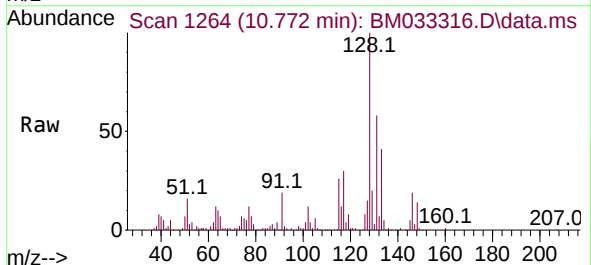
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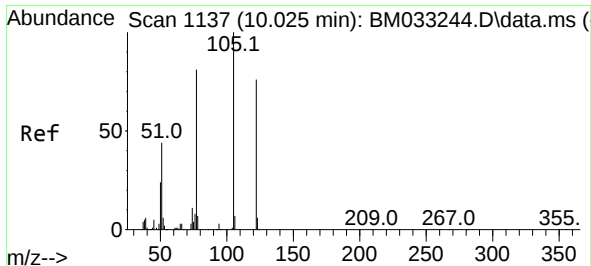
Tgt Ion: 77 Resp: 29651
Ion Ratio Lower Upper
77 100
123 0.0 30.1 45.1#
65 98.8 11.7 17.5#



#31
Naphthalene
Concen: 5.163 ng
RT: 10.772 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion: 128 Resp: 130969
Ion Ratio Lower Upper
128 100
129 19.6 8.6 13.0#
127 14.6 10.4 15.6

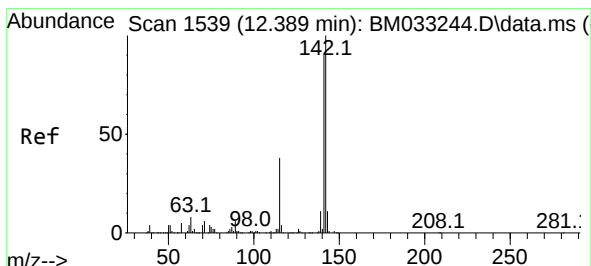
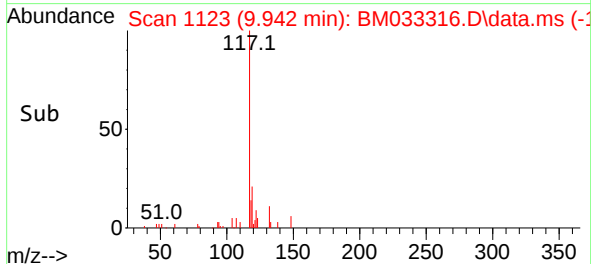
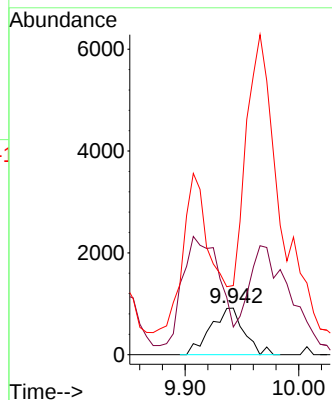
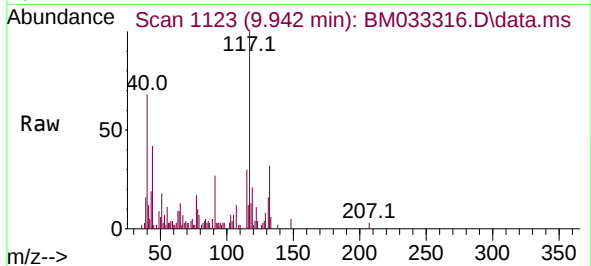




#32
Benzoic acid
Concen: 5.619 ng
RT: 9.942 min Scan# 1137
Delta R.T. -0.083 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

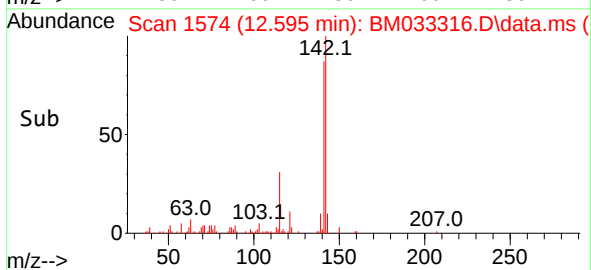
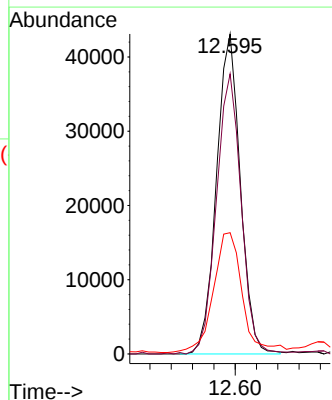
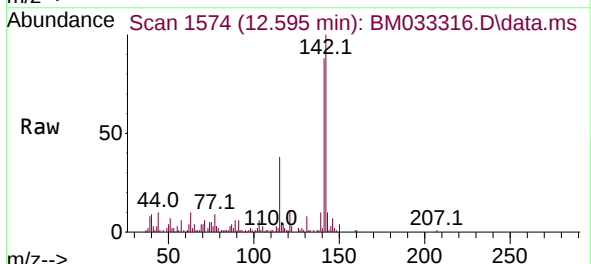
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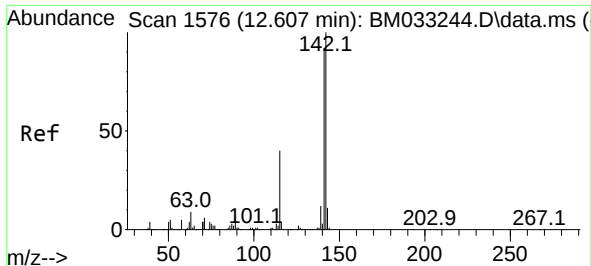
Tgt Ion:122 Resp: 1856
Ion Ratio Lower Upper
122 100
105 59.4 120.3 160.3#
77 148.7 100.0 140.0#



#37
2-Methylnaphthalene
Concen: 3.871 ng
RT: 12.595 min Scan# 1574
Delta R.T. 0.206 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion:142 Resp: 66863
Ion Ratio Lower Upper
142 100
141 87.6 71.8 107.6
115 37.9 36.3 54.5

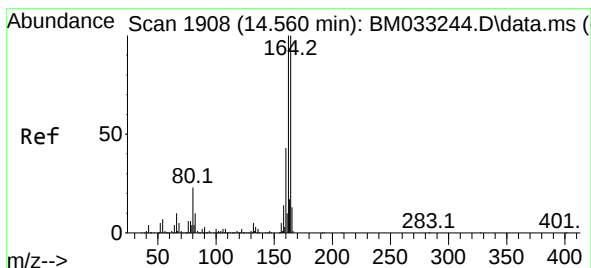
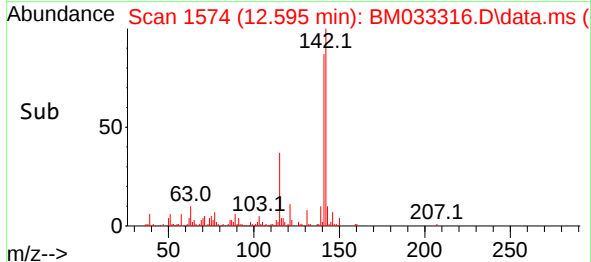
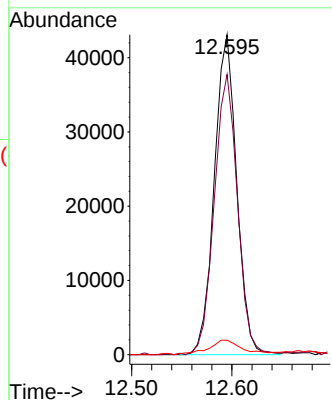
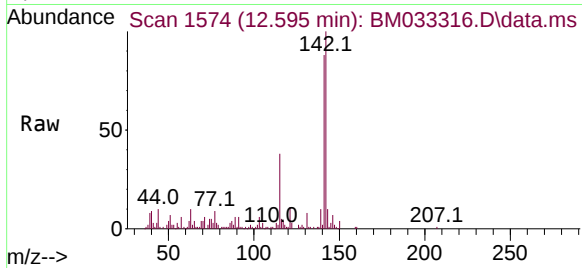




#38
1-Methylnaphthalene
Concen: 3.972 ng
RT: 12.595 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

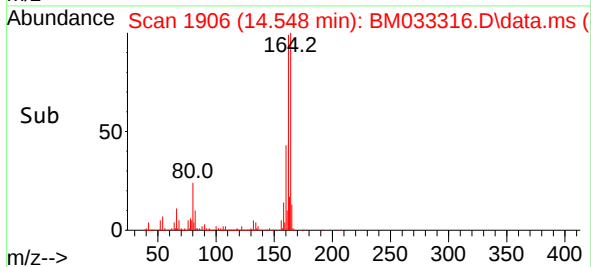
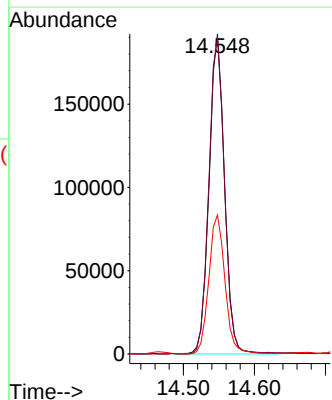
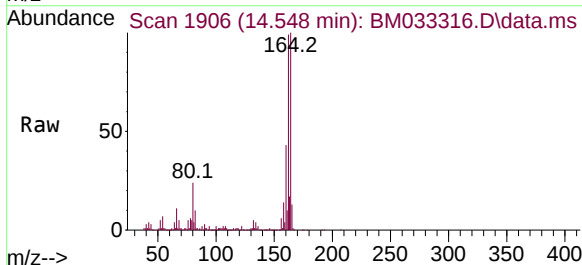
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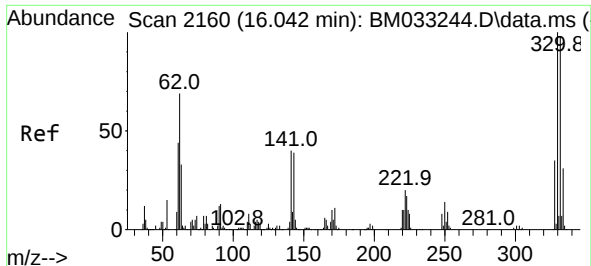
Tgt Ion:142 Resp: 66922
Ion Ratio Lower Upper
142 100
141 87.6 75.6 113.4
116 4.5 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion:164 Resp: 290550
Ion Ratio Lower Upper
164 100
162 98.8 80.6 121.0
160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 137.113 ng

RT: 16.036 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033316.D

Acq: 06 Dec 2021 17:24

Instrument :

BNA_M

ClientSampleId :

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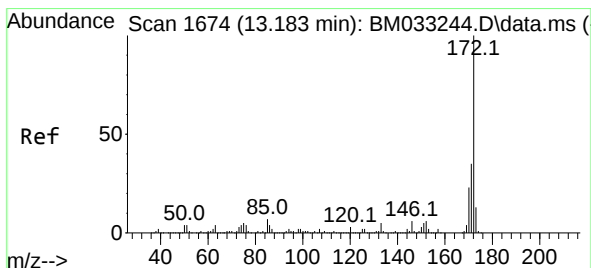
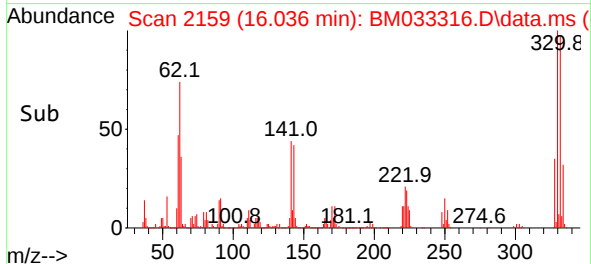
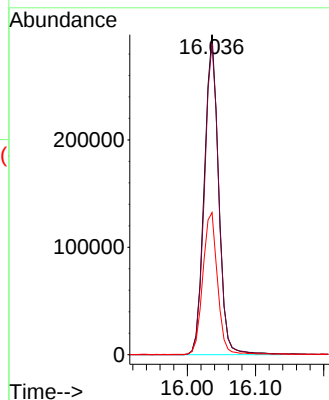
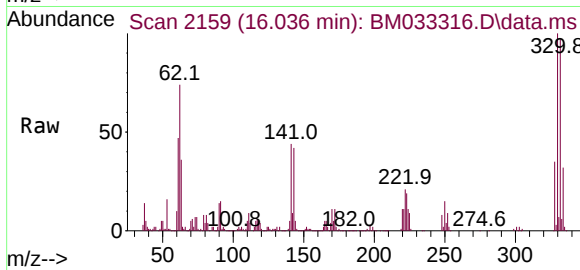
Tgt Ion:330 Resp: 434273

Ion Ratio Lower Upper

330 100

332 97.9 75.7 113.5

141 45.4 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 95.202 ng

RT: 13.172 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BM033316.D

Acq: 06 Dec 2021 17:24

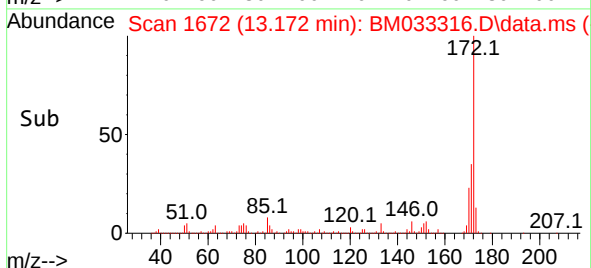
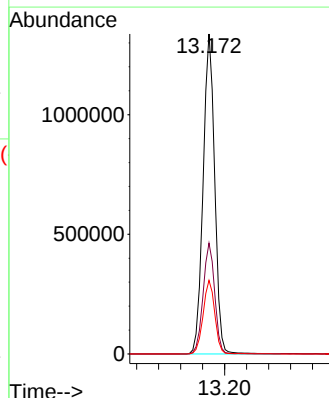
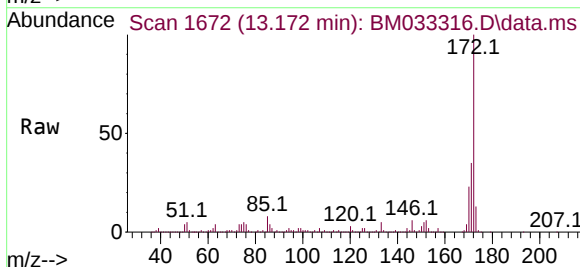
Tgt Ion:172 Resp: 1961344

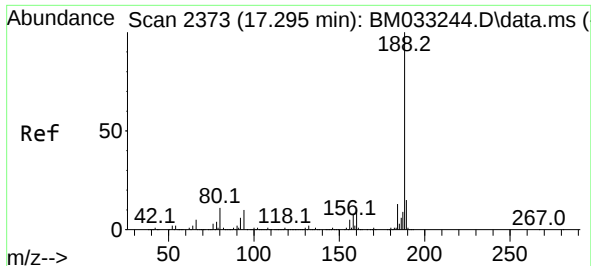
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.0 18.6 27.8

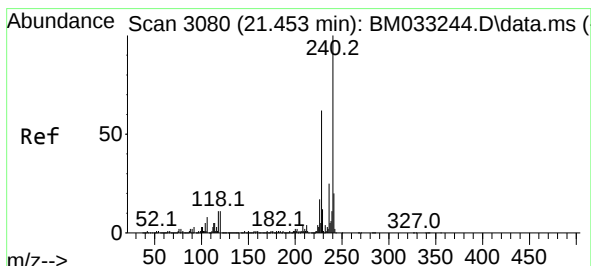
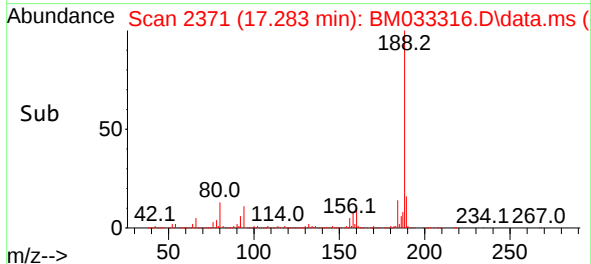
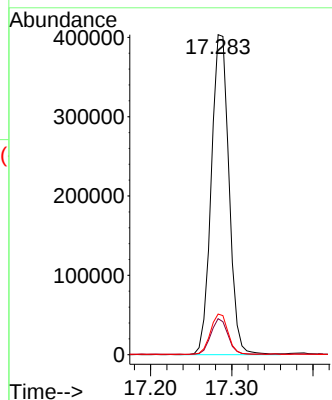
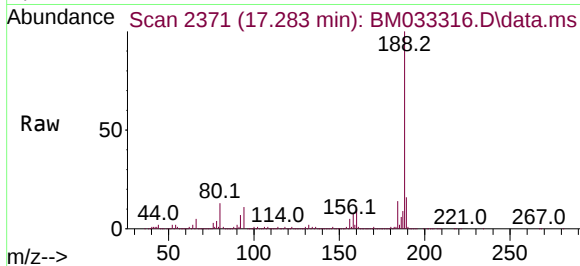




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

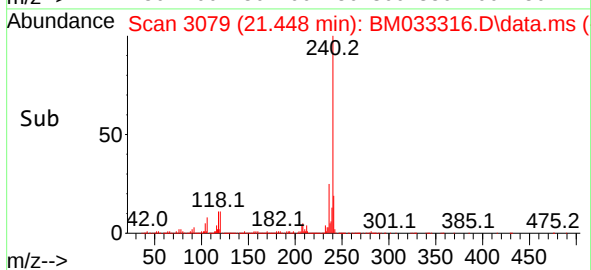
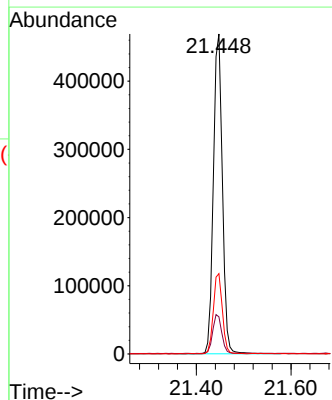
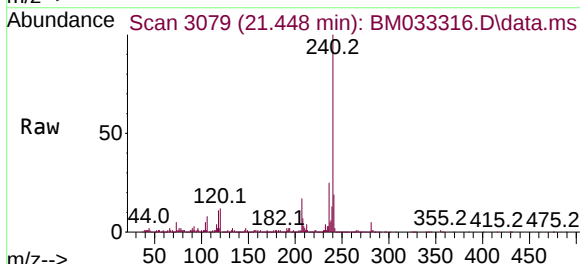
Instrument :
BNA_M
ClientSampleId :
MW-43

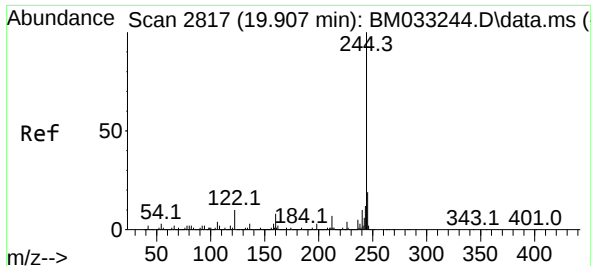
Tgt Ion:188 Resp: 611324
Ion Ratio Lower Upper
188 100
94 11.3 6.3 9.5#
80 12.7 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033316.D
Acq: 06 Dec 2021 17:24

Tgt Ion:240 Resp: 617863
Ion Ratio Lower Upper
240 100
120 11.6 7.8 11.6
236 25.1 20.9 31.3

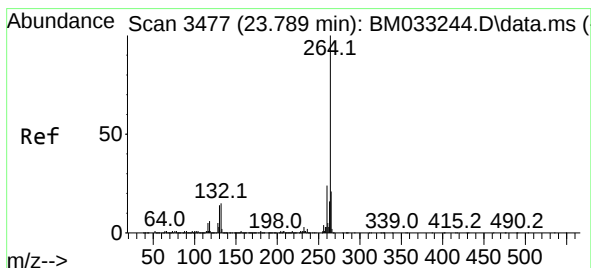
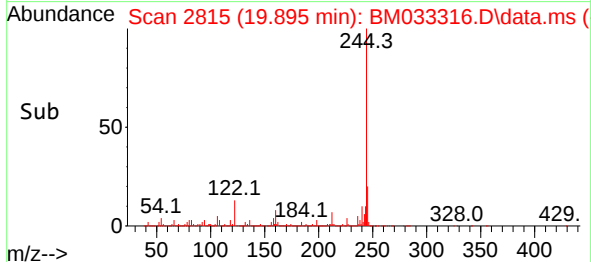
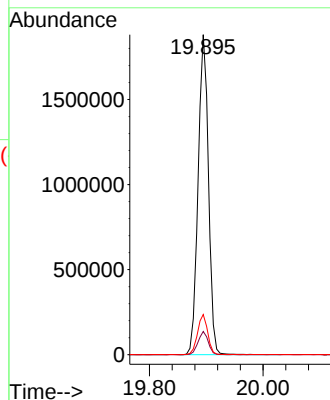
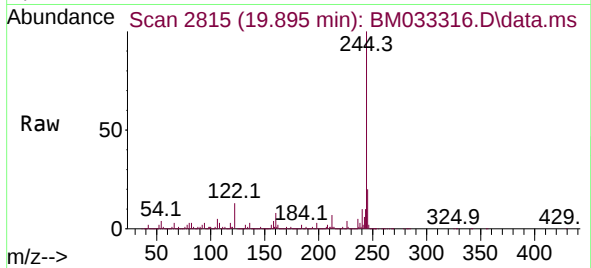




#79
 Terphenyl-d14
 Concen: 76.403 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033316.D
 Acq: 06 Dec 2021 17:24

Instrument :
 BNA_M
 ClientSampleId :
 MW-43

Tgt Ion:244 Resp: 2387324
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 12.5 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: BM033316.D
 Acq: 06 Dec 2021 17:24

Tgt Ion:264 Resp: 628767
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.8 18.3 27.5

