

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035844.D
 Acq On : 15 Jul 2022 23:40
 Operator : CG/JU
 Sample : N3651-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Quant Time: Jul 16 00:38:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

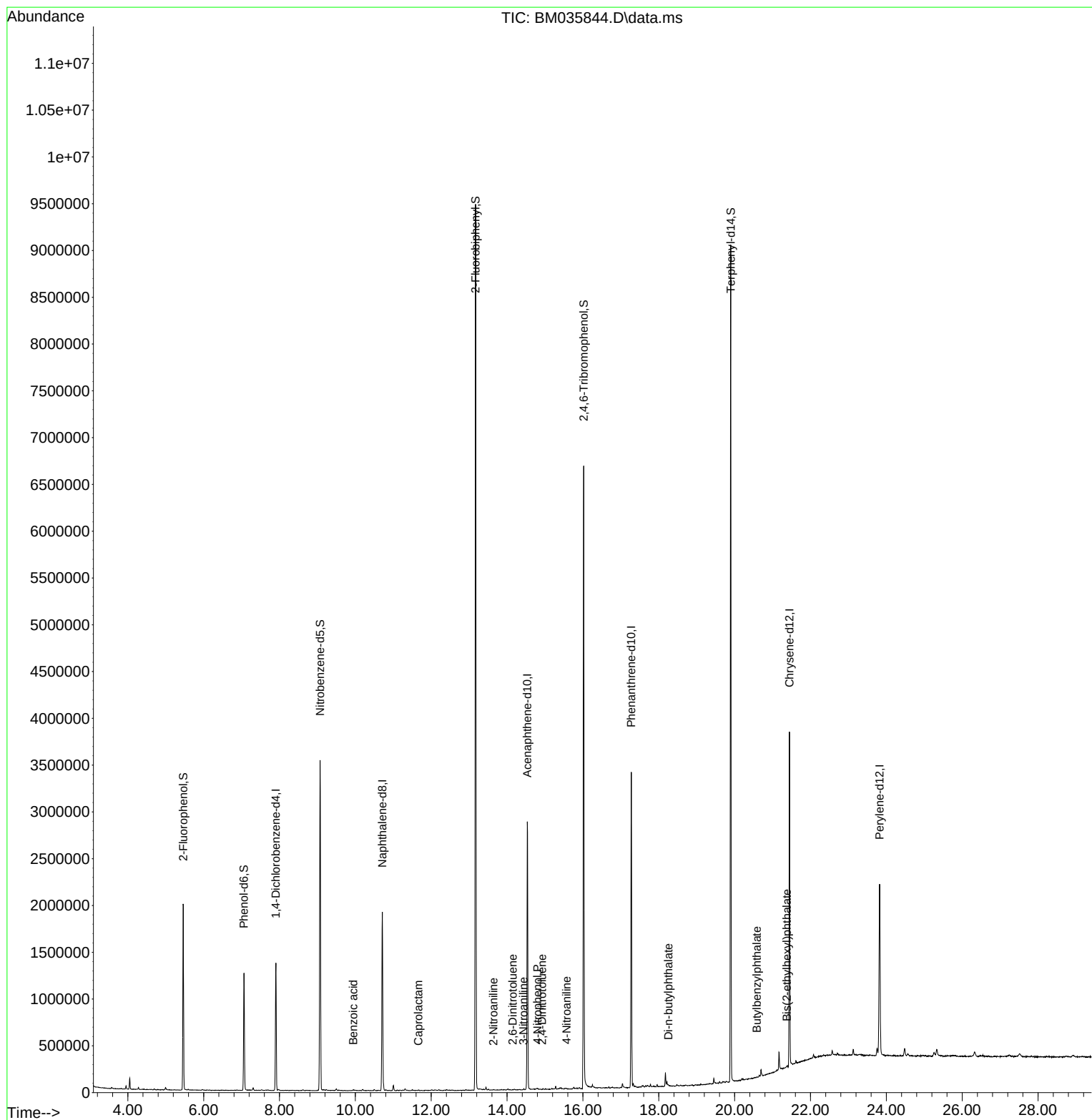
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	357006	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1559208	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	960764	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1949911	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1573766	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1316965	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	863088	39.268	ng	0.00
7) Phenol-d6	7.063	99	689331	25.073	ng	0.00
23) Nitrobenzene-d5	9.069	82	1964091	72.012	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1223714	125.424	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4540703	65.911	ng	0.00
79) Terphenyl-d14	19.898	244	4013749	49.508	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.945	122	293	8.055	ng	# 46
35) Caprolactam	11.663	113	340	5.146	ng	# 1
48) 2-Nitroaniline	13.639	65	106	3.603	ng	# 5
51) 2,6-Dinitrotoluene	14.151	165	54	2.299	ng	# 1
53) 3-Nitroaniline	14.427	138	54	2.672	ng	# 1
56) 4-Nitrophenol	14.804	139	476	4.086	ng	# 86
57) 2,4-Dinitrotoluene	14.921	165	391	3.357	ng	# 95
62) 4-Nitroaniline	15.568	138	301	2.817	ng	# 73
74) Di-n-butylphthalate	18.251	149	7020	2.326	ng	# 92
80) Butylbenzylphthalate	20.586	149	241	4.167	ng	# 5
84) Bis(2-ethylhexyl)phtha...	21.374	149	4291	3.310	ng	# 98

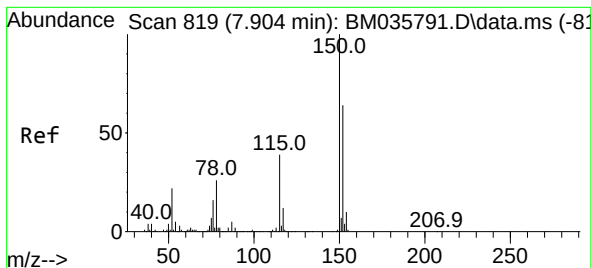
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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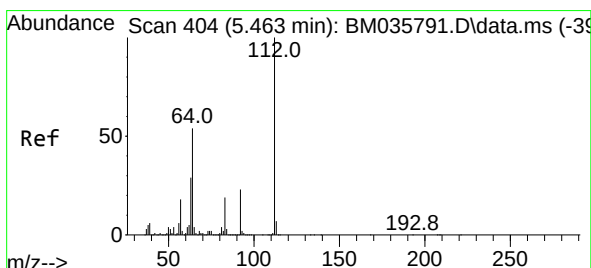
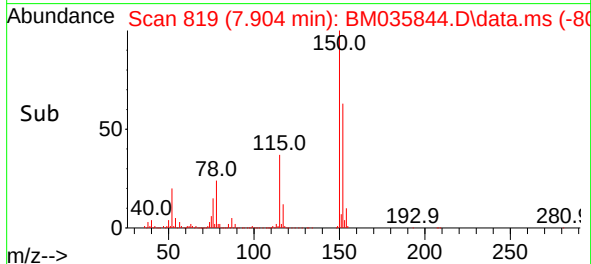
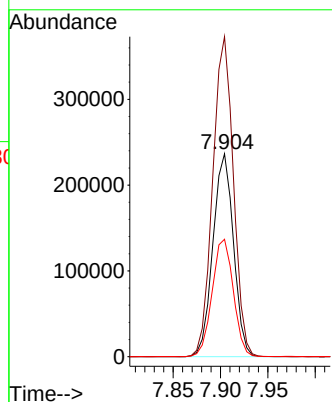
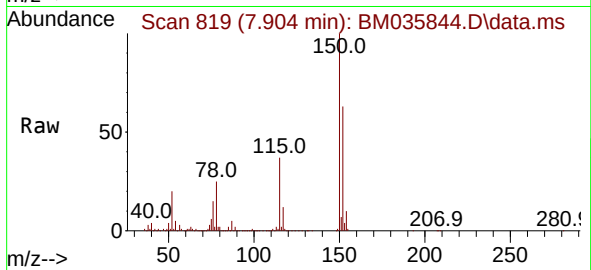




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035844.D
 Acq: 15 Jul 2022 23:40

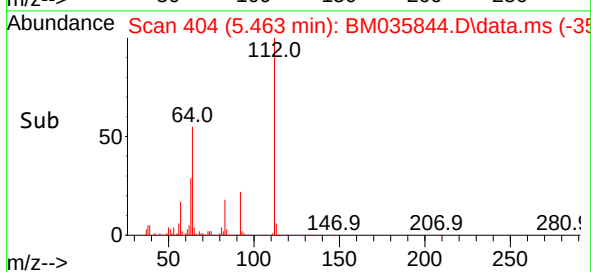
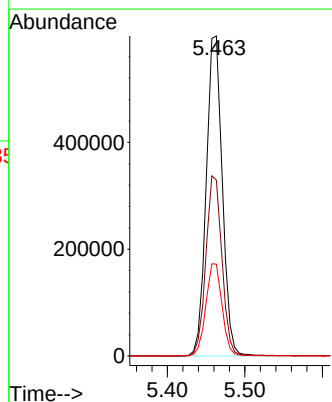
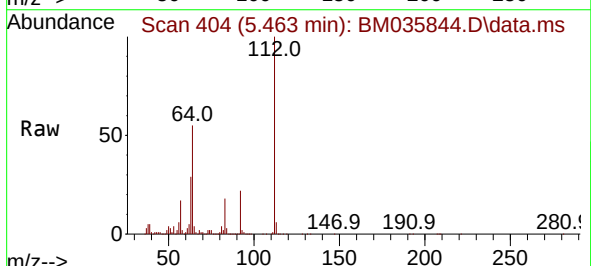
Instrument :
 BNA_M
 ClientSampleId :
 DUP

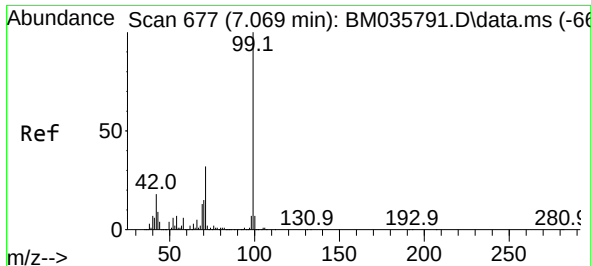
Tgt Ion:152 Resp: 357006
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.9 187.3
 115 57.9 47.9 71.9



#5
 2-Fluorophenol
 Concen: 39.268 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035844.D
 Acq: 15 Jul 2022 23:40

Tgt Ion:112 Resp: 863088
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.8 71.6
 63 28.7 26.6 40.0

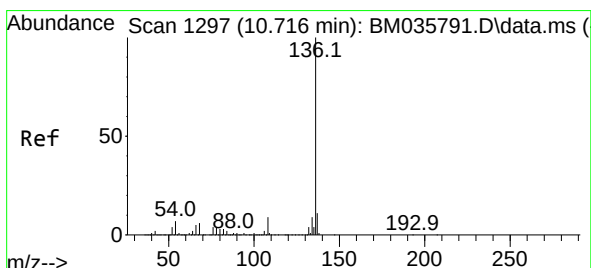
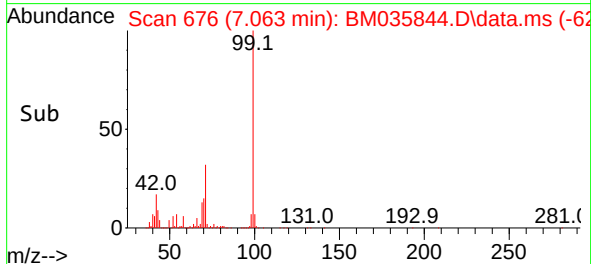
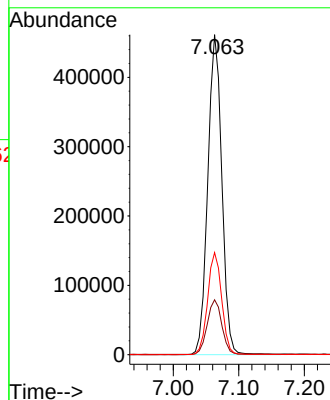
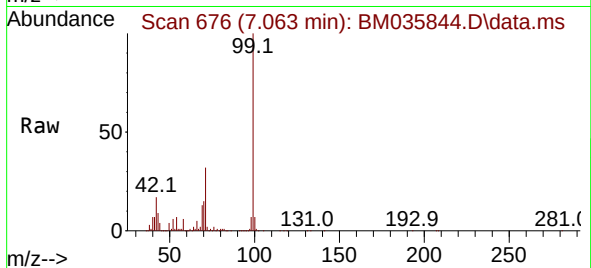




#7
Phenol-d6
Concen: 25.073 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

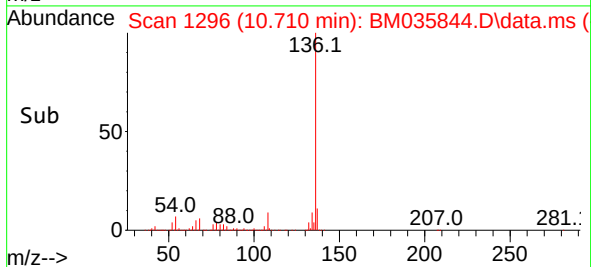
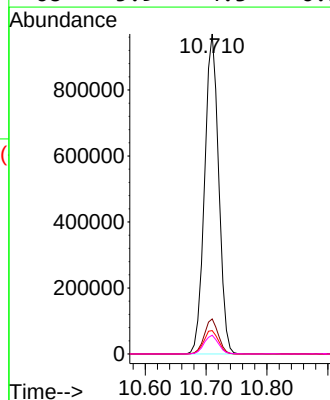
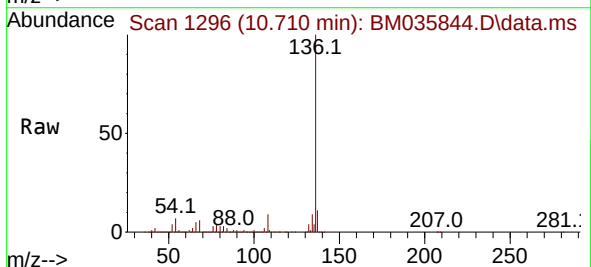
Instrument :
BNA_M
ClientSampleId :
DUP

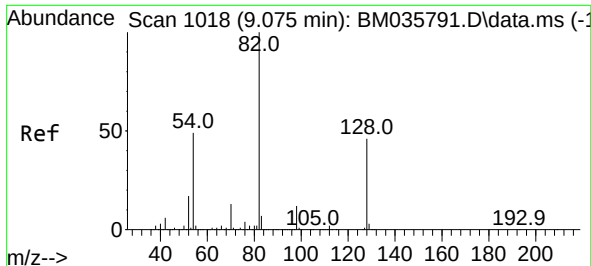
Tgt Ion: 99 Resp: 689331
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion: 136 Resp: 1559208
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 7.0 10.4
68 5.9 4.3 6.5

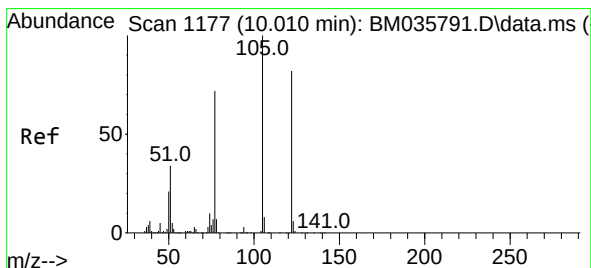
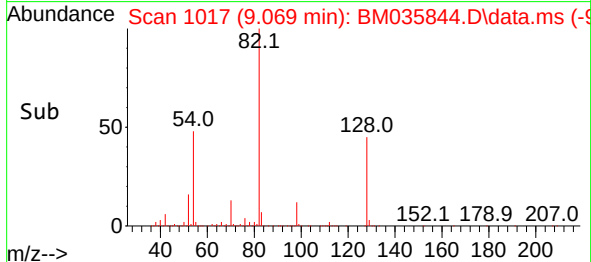
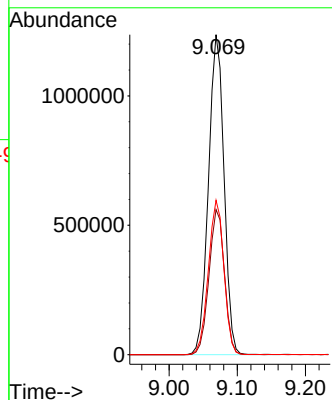
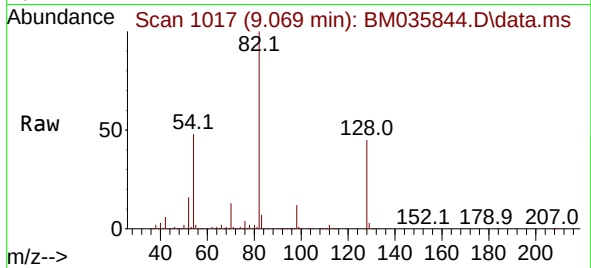




#23
Nitrobenzene-d5
Concen: 72.012 ng
RT: 9.069 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

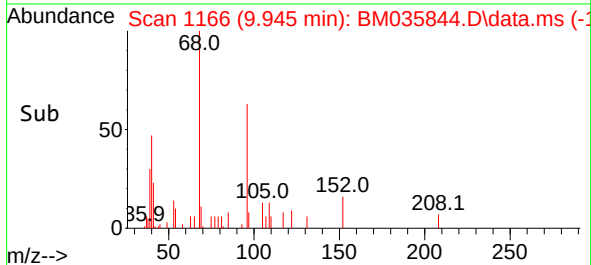
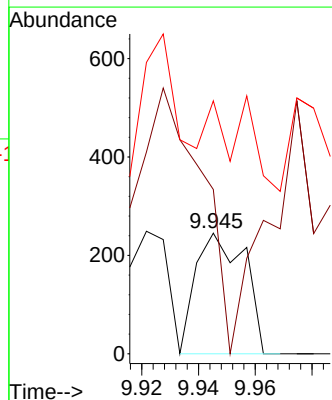
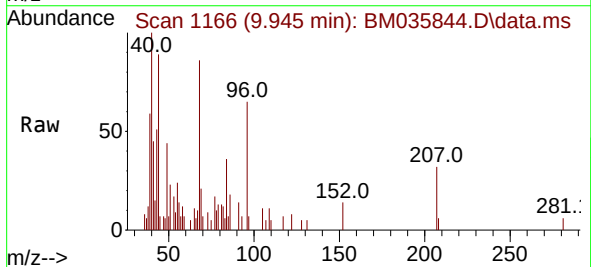
Instrument :
BNA_M
ClientSampleId :
DUP

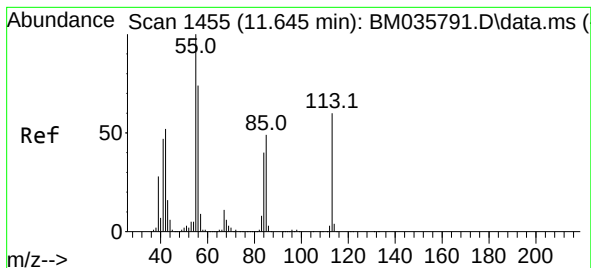
Tgt Ion: 82 Resp: 1964091
Ion Ratio Lower Upper
82 100
128 45.3 33.7 50.5
54 48.3 43.2 64.8



#32
Benzoic acid
Concen: 8.055 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.065 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion: 122 Resp: 293
Ion Ratio Lower Upper
122 100
105 136.3 105.7 145.7
77 209.8 80.0 120.0#





#35

Caprolactam

Concen: 5.146 ng

RT: 11.663 min Scan# 1458

Delta R.T. 0.018 min

Lab File: BM035844.D

Acq: 15 Jul 2022 23:40

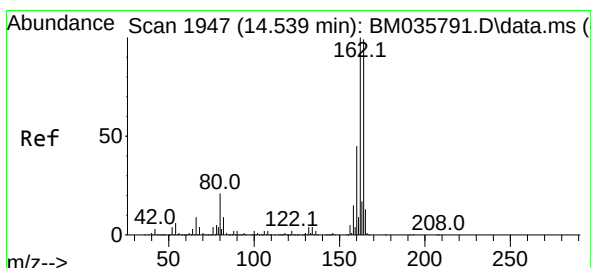
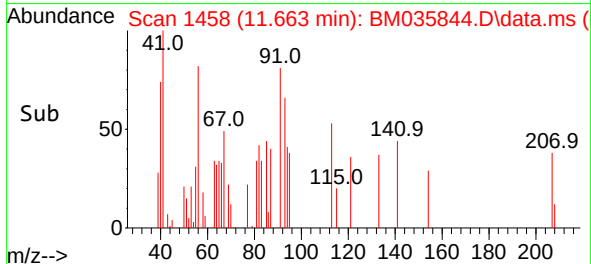
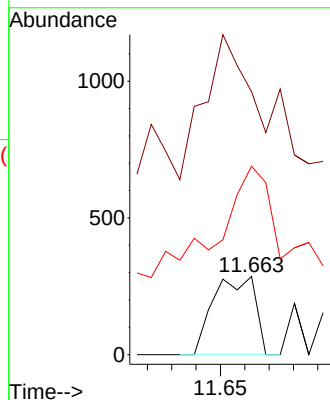
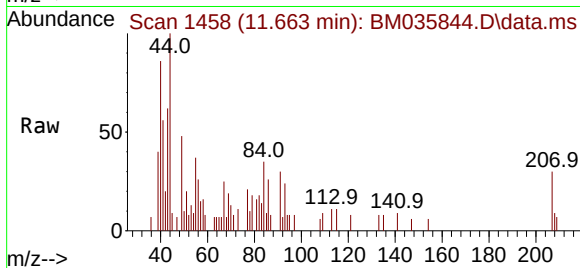
Instrument :

BNA_M

ClientSampleId :

DUP

Tgt Ion:	113	Resp:	340
Ion	Ratio	Lower	Upper
113	100		
55	336.4	150.1	190.1#
56	240.9	111.7	151.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

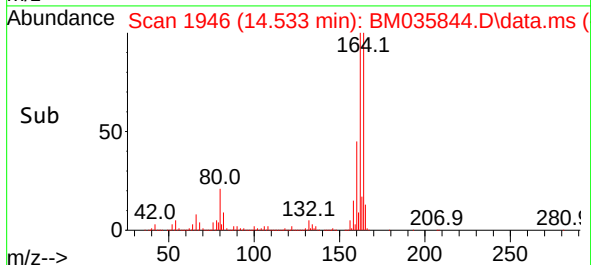
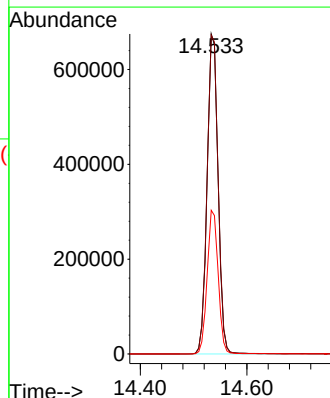
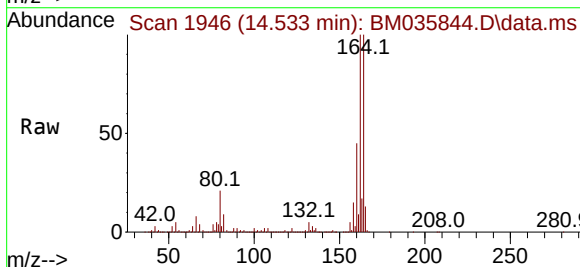
RT: 14.533 min Scan# 1946

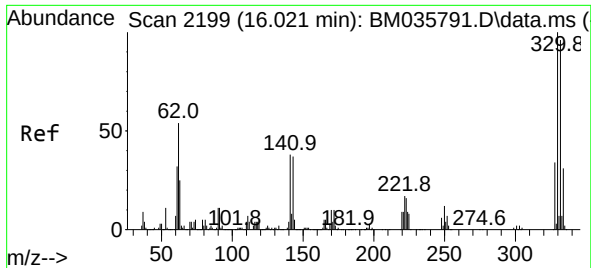
Delta R.T. -0.006 min

Lab File: BM035844.D

Acq: 15 Jul 2022 23:40

Tgt Ion:	164	Resp:	960764
Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.0	124.6
160	44.9	37.0	55.4

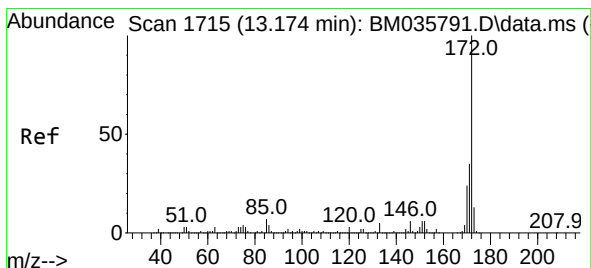
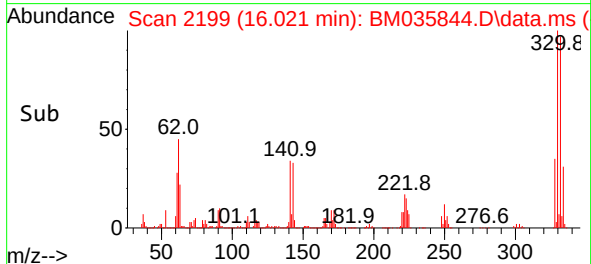
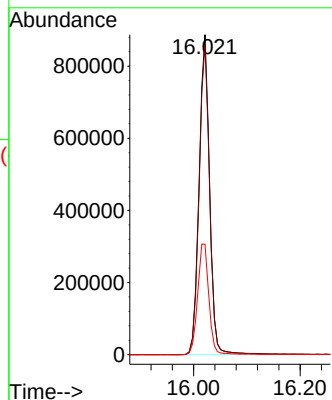
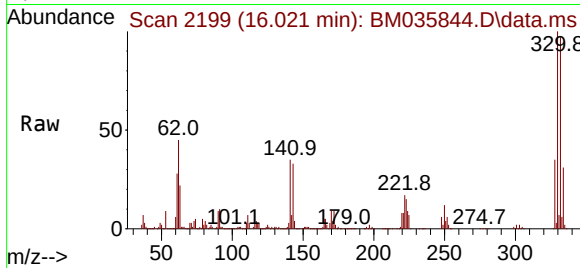




#42
2,4,6-Tribromophenol
Concen: 125.424 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

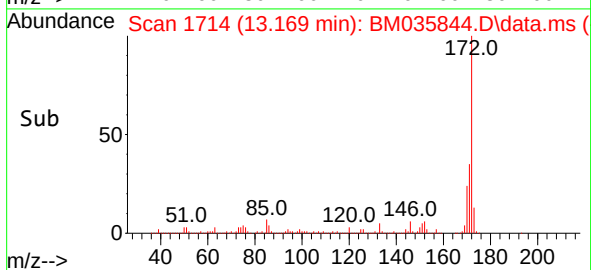
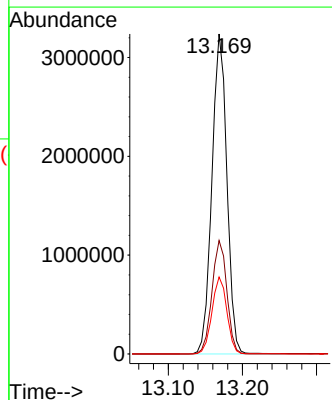
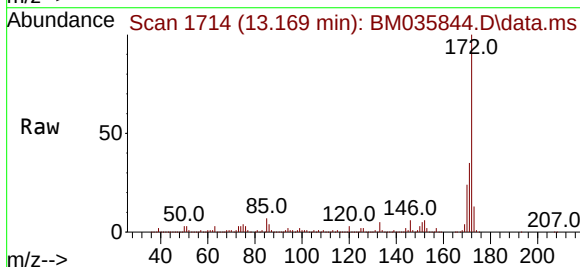
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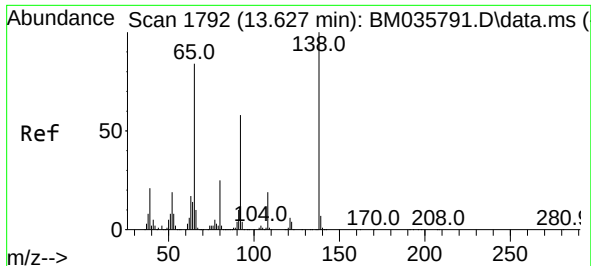
Tgt Ion:330 Resp: 1223714
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 65.911 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion:172 Resp: 4540703
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.0 18.7 28.1

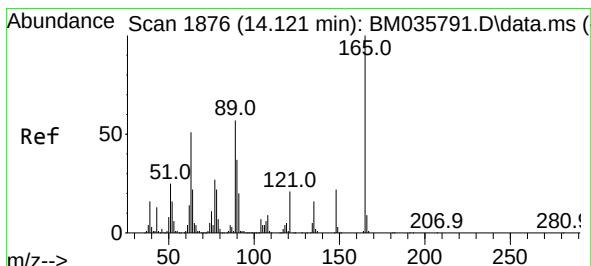
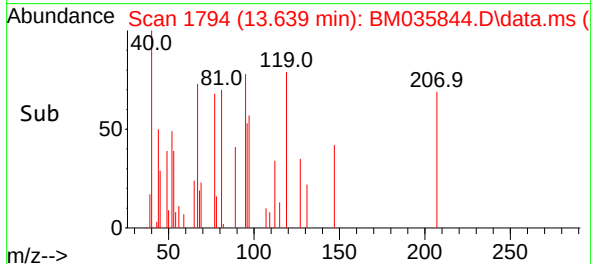
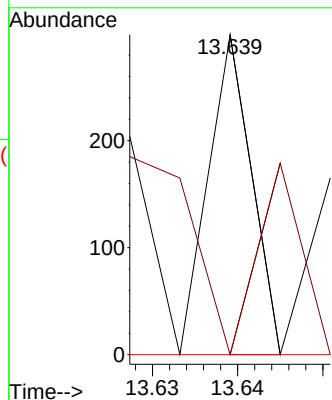
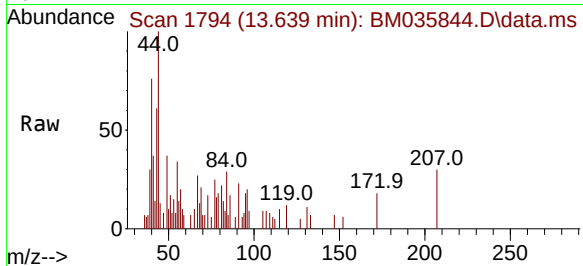




#48
2-Nitroaniline
Concen: 3.603 ng
RT: 13.639 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

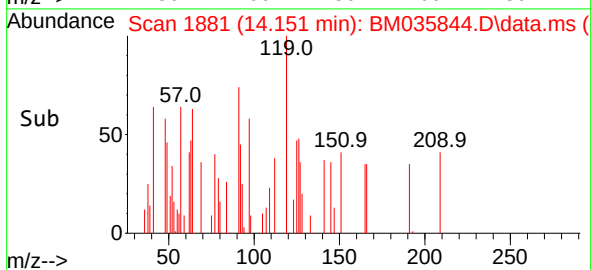
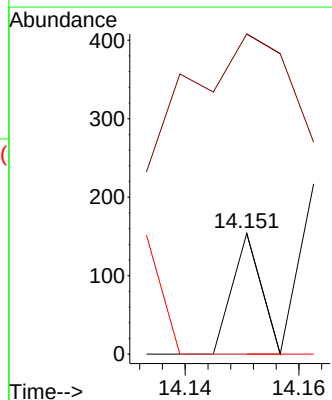
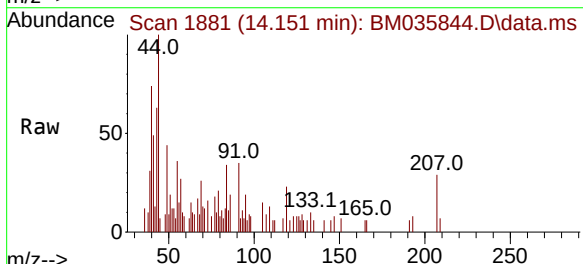
Instrument :
BNA_M
ClientSampleId :
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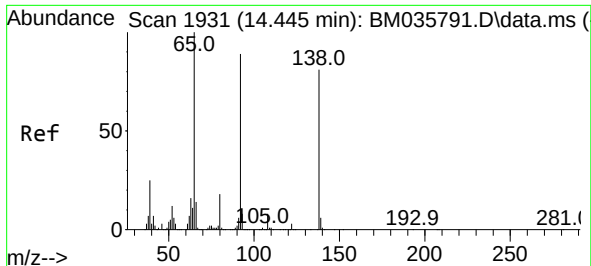
Tgt Ion: 65 Resp: 106
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.299 ng
RT: 14.151 min Scan# 1881
Delta R.T. 0.030 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion: 165 Resp: 54
Ion Ratio Lower Upper
165 100
63 264.9 50.2 75.2#
89 0.0 48.4 72.6#

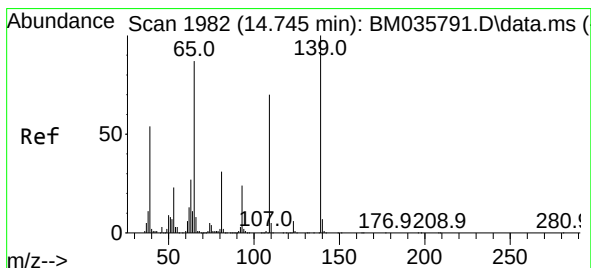
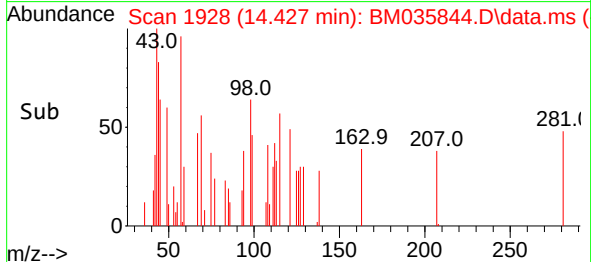
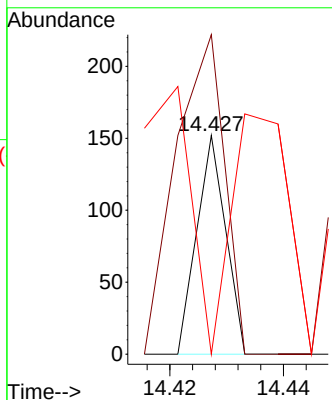
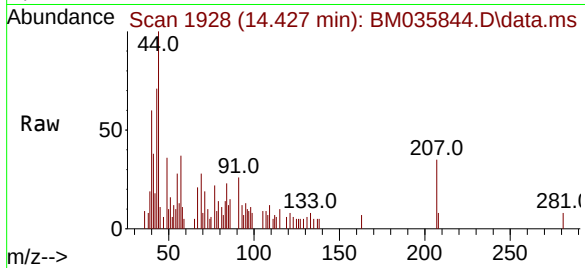




#53
3-Nitroaniline
Concen: 2.672 ng
RT: 14.427 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

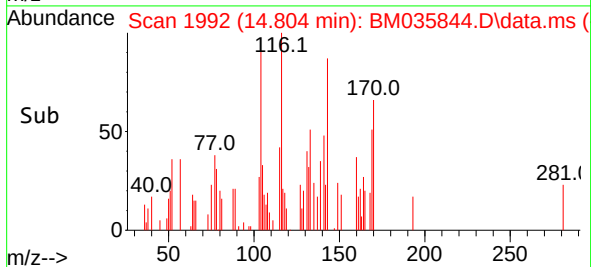
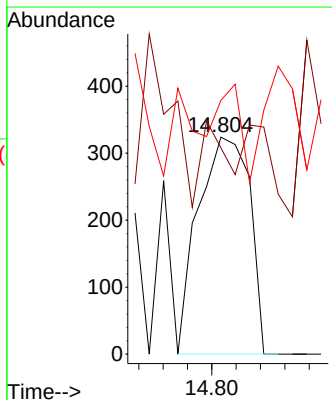
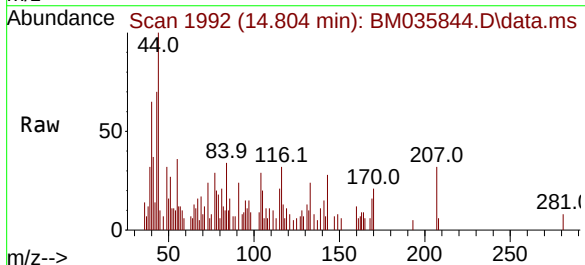
Instrument :
BNA_M
ClientSampleId :
DUP

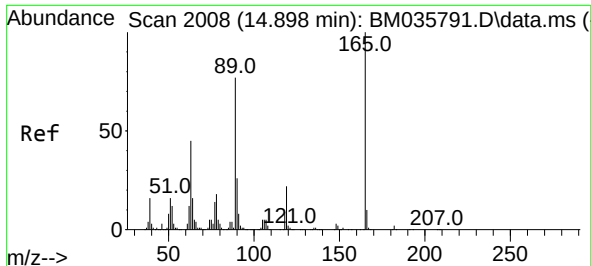
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 146.1 8.7 13.1#
92 0.0 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.086 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.059 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion:139 Resp: 476
Ion Ratio Lower Upper
139 100
109 95.1 62.5 102.5
65 117.0 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 3.357 ng

RT: 14.921 min Scan# 2008

Delta R.T. 0.023 min

Lab File: BM035844.D

Acq: 15 Jul 2022 23:40

Instrument :

BNA_M

ClientSampleId :

DUP

Tgt Ion:165 Resp: 391

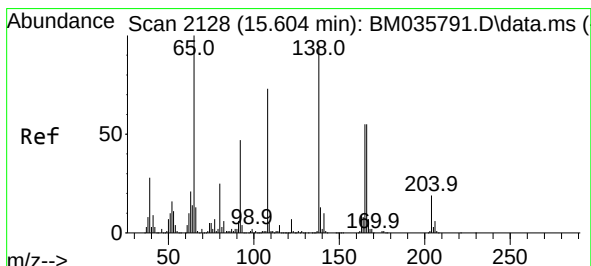
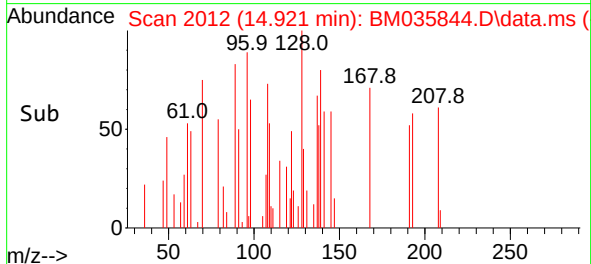
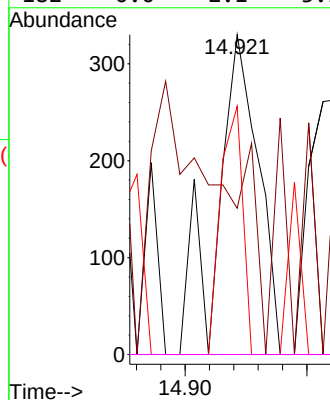
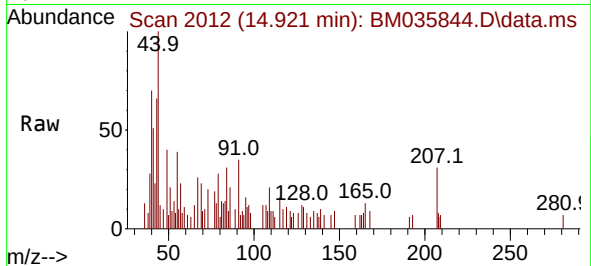
Ion Ratio Lower Upper

165 100

63 45.8 35.6 53.4

89 77.6 57.3 85.9

182 0.0 2.1 3.1#



#62

4-Nitroaniline

Concen: 2.817 ng

RT: 15.568 min Scan# 2122

Delta R.T. -0.036 min

Lab File: BM035844.D

Acq: 15 Jul 2022 23:40

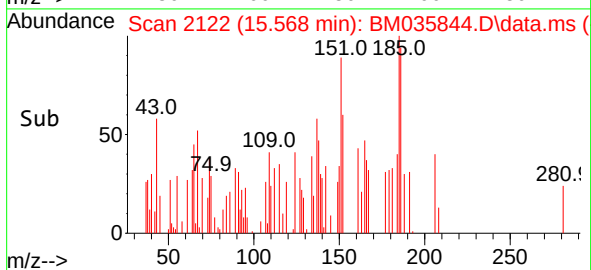
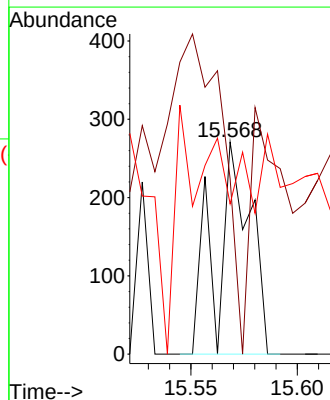
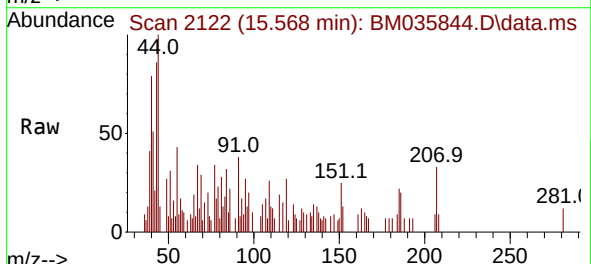
Tgt Ion:138 Resp: 301

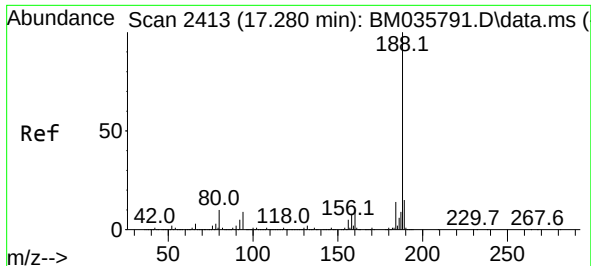
Ion Ratio Lower Upper

138 100

92 82.7 30.8 70.8#

108 70.8 65.7 105.7

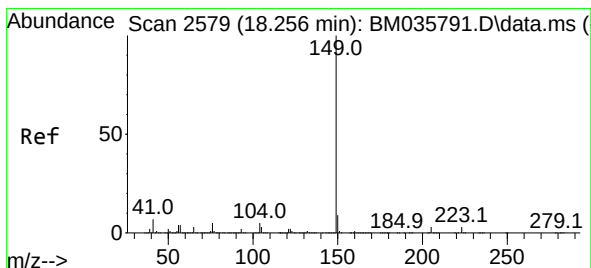
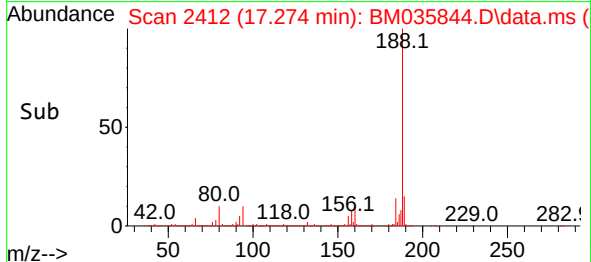
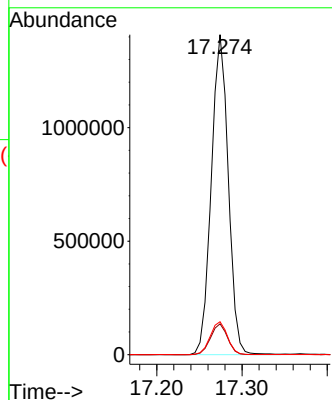
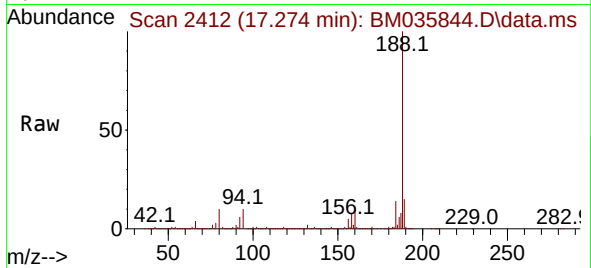




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

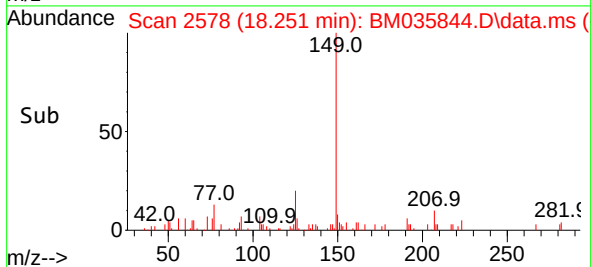
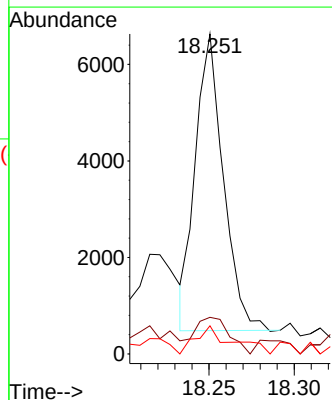
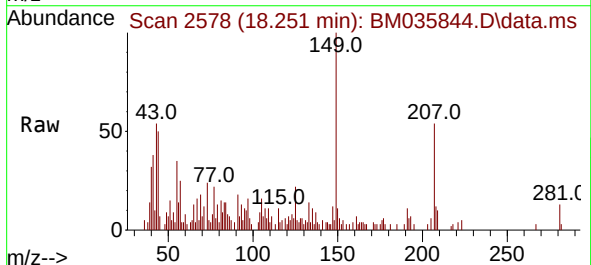
Instrument :
BNA_M
ClientSampleId :
DUP

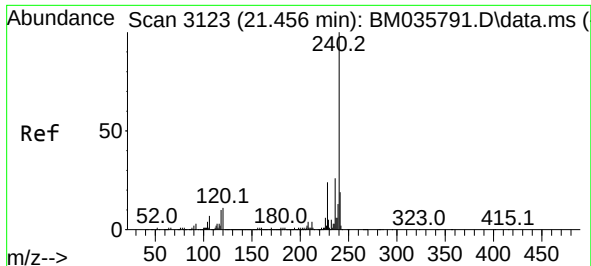
Tgt Ion:188 Resp: 1949911
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.3 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.326 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion:149 Resp: 7020
Ion Ratio Lower Upper
149 100
150 11.4 7.3 10.9#
104 8.8 4.3 6.5#

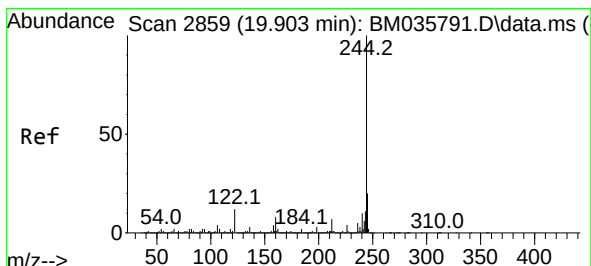
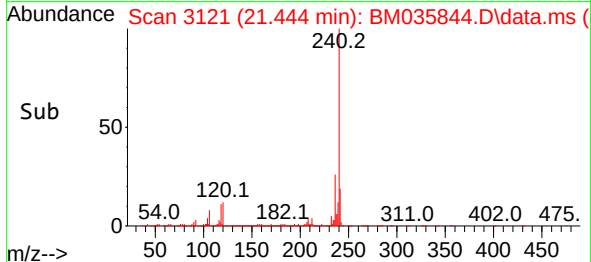
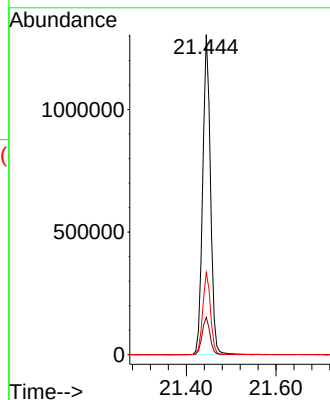
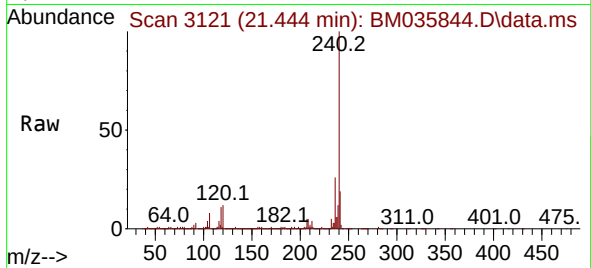




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

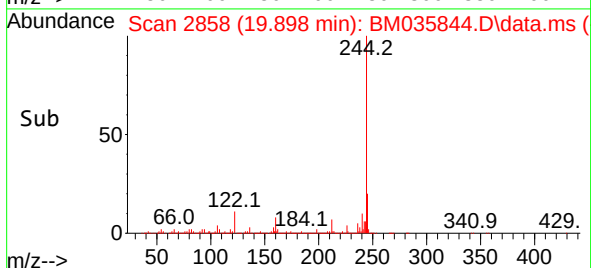
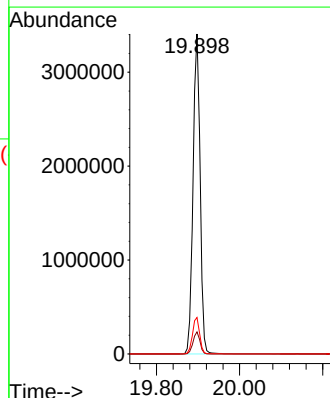
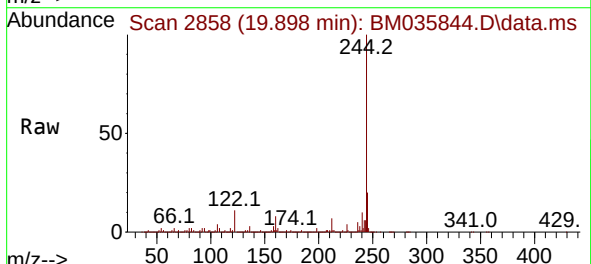
Instrument :
BNA_M
ClientSampleId :
DUP

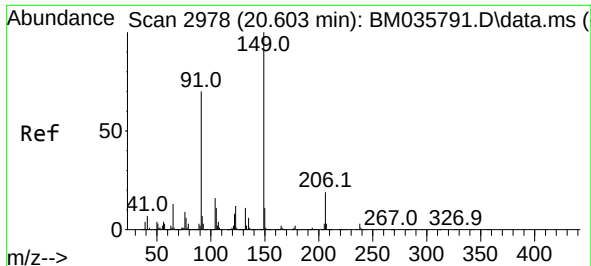
Tgt Ion:240 Resp: 1573766
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 49.508 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion:244 Resp: 4013749
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 11.4 8.3 12.5

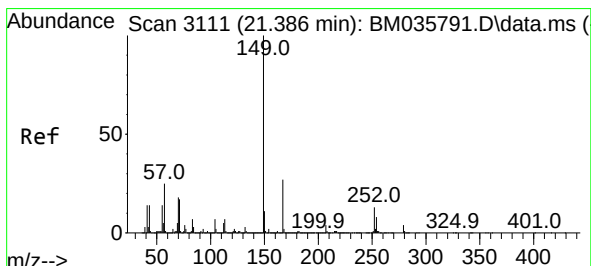
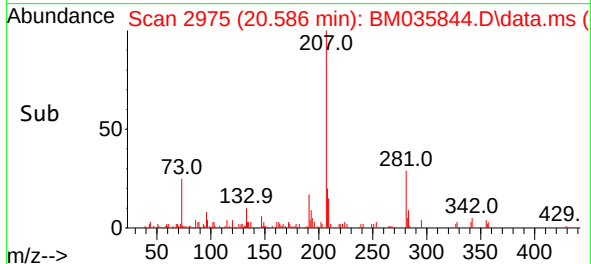
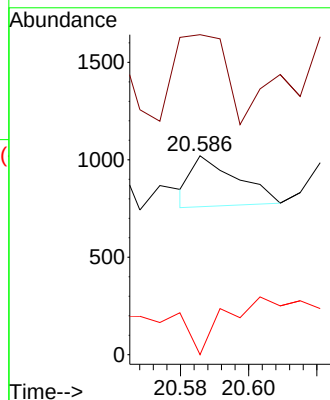
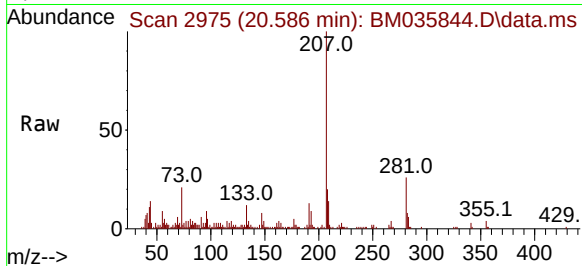




#80
Butylbenzylphthalate
Concen: 4.167 ng
RT: 20.586 min Scan# 2978
Delta R.T. -0.017 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

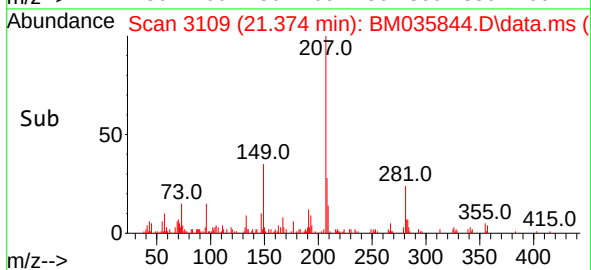
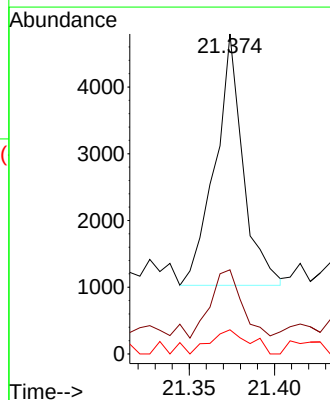
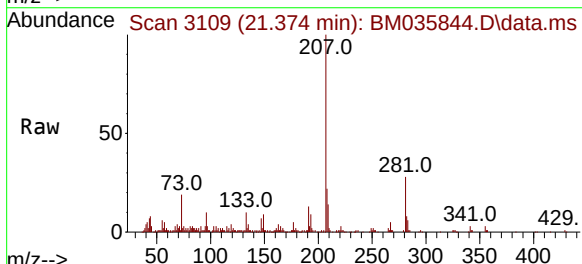
Instrument :
BNA_M
ClientSampleId :
DUP

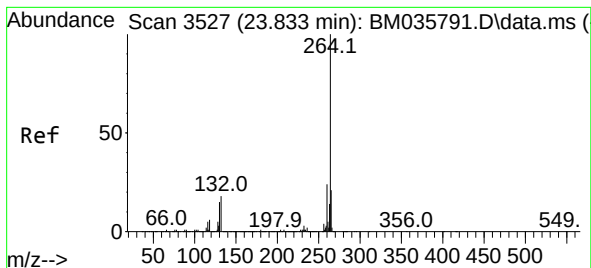
Tgt Ion:149 Resp: 241
Ion Ratio Lower Upper
149 100
91 160.8 56.6 85.0#
206 0.0 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.310 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035844.D
Acq: 15 Jul 2022 23:40

Tgt Ion:149 Resp: 4291
Ion Ratio Lower Upper
149 100
167 26.3 21.1 31.7
279 7.5 2.8 4.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035844.D

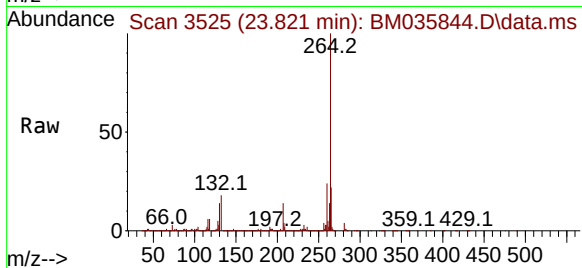
Acq: 15 Jul 2022 23:40

Instrument :

BNA_M

ClientSampleId :

DUP



Tgt Ion:264 Resp: 1316965

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.5 17.5 26.3

