

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035815.D
 Acq On : 14 Jul 2022 16:52
 Operator : CG/JU
 Sample : N3651-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-2-(6-12)

Quant Time: Jul 15 01:10:28 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)

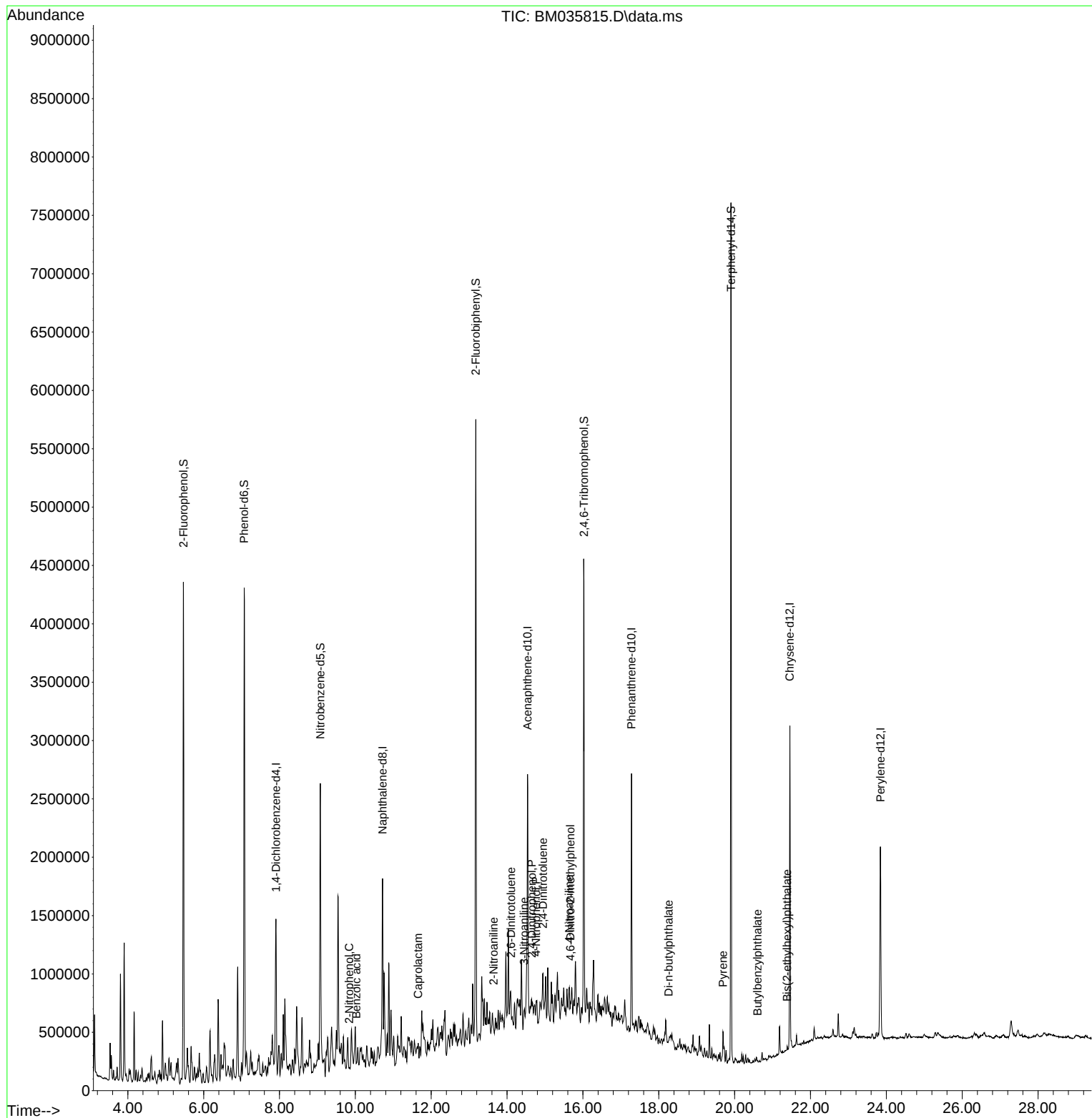
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	299223	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1207981	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	659612	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1262889	20.000	ng	0.00
76) Chrysene-d12	21.457	240	1176748	20.000	ng	0.00
86) Perylene-d12	23.845	264	1214145	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1834153	99.564	ng	0.00
7) Phenol-d6	7.069	99	2277815	98.851	ng	0.00
23) Nitrobenzene-d5	9.075	82	1343863	63.598	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	710213	106.027	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2619703	55.388	ng	0.00
79) Terphenyl-d14	19.904	244	3286817	54.220	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.834	139	2684	4.858	ng	# 1
32) Benzoic acid	10.028	122	310	8.062	ng	# 1
35) Caprolactam	11.657	113	2530	5.569	ng	# 1
48) 2-Nitroaniline	13.645	65	1719	3.754	ng	# 42
51) 2,6-Dinitrotoluene	14.104	165	4646	2.773	ng	# 82
53) 3-Nitroaniline	14.451	138	6434	3.219	ng	# 35
54) 2,4-Dinitrophenol	14.651	184	276	7.605	ng	# 1
56) 4-Nitrophenol	14.769	139	3415	4.425	ng	# 1
57) 2,4-Dinitrotoluene	14.945	165	12196	4.265	ng	# 69
62) 4-Nitroaniline	15.639	138	273	2.822	ng	# 13
65) 4,6-Dinitro-2-methylph...	15.669	198	243	6.626	ng	# 1
74) Di-n-butylphthalate	18.257	149	7774	2.371	ng	# 61
78) Pyrene	19.692	202	147955	2.002	ng	# 97
80) Butylbenzylphthalate	20.604	149	873	4.191	ng	# 27
84) Bis(2-ethylhexyl)phtha...	21.386	149	11751	3.512	ng	# 94

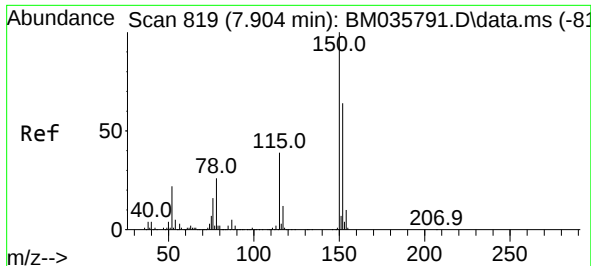
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
Data File : BM035815.D
Acq On : 14 Jul 2022 16:52
Operator : CG/JU
Sample : N3651-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

Quant Time: Jul 15 01:10:28 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

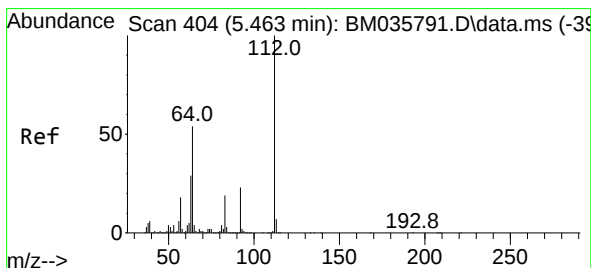
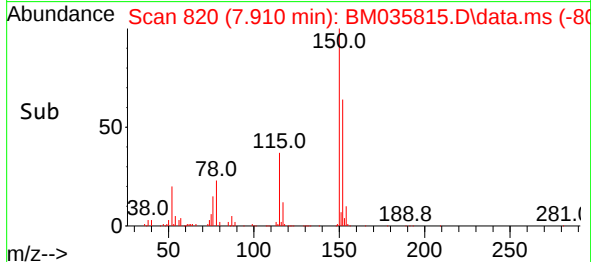
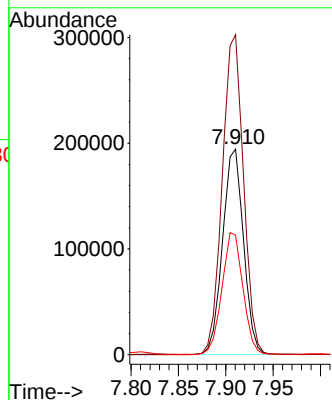
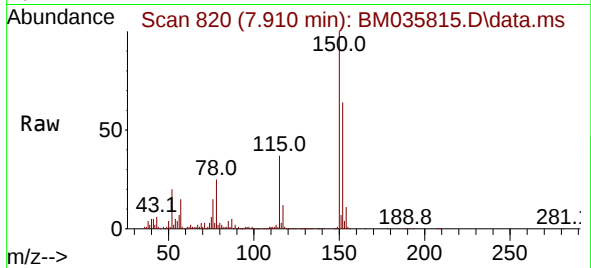




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

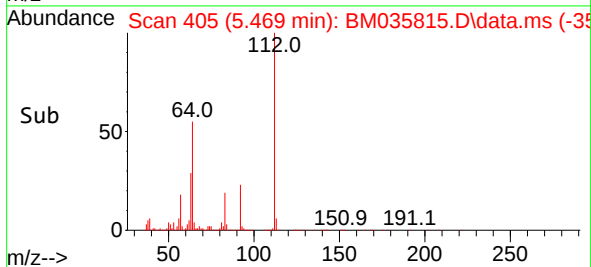
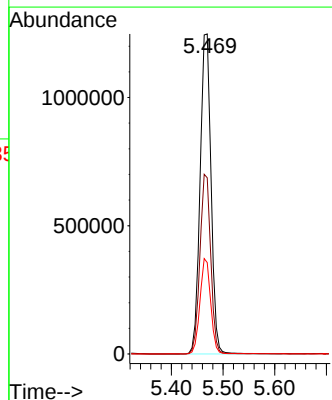
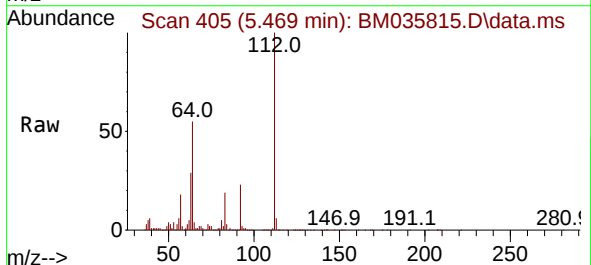
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

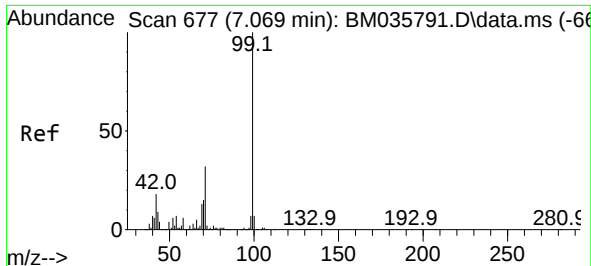
Tgt Ion:152 Resp: 299223
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 99.564 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion:112 Resp: 1834153
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 28.5 26.6 40.0

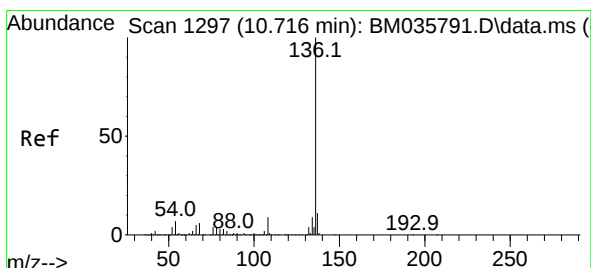
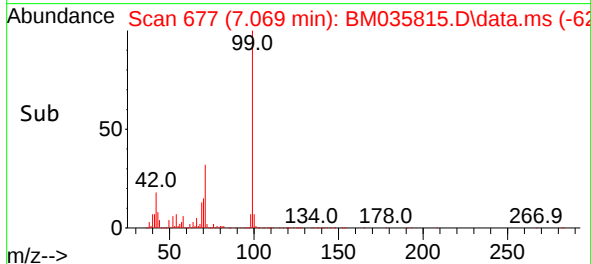
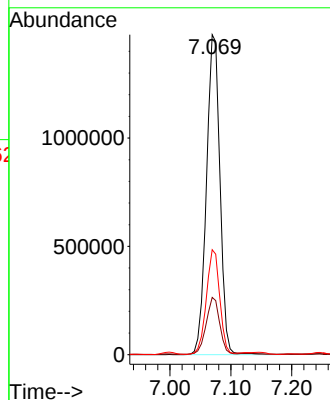
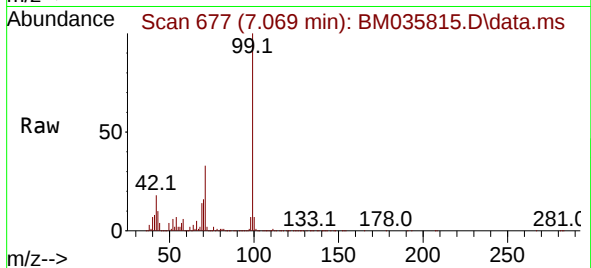




#7
Phenol-d6
Concen: 98.851 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

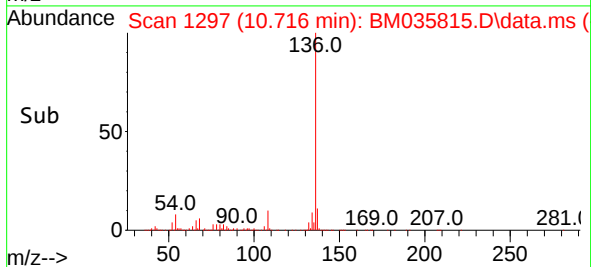
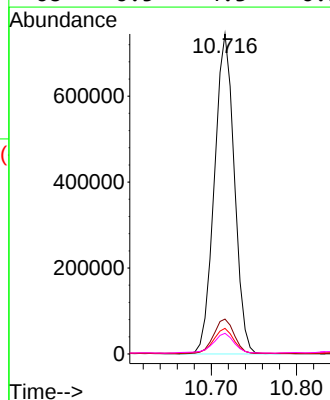
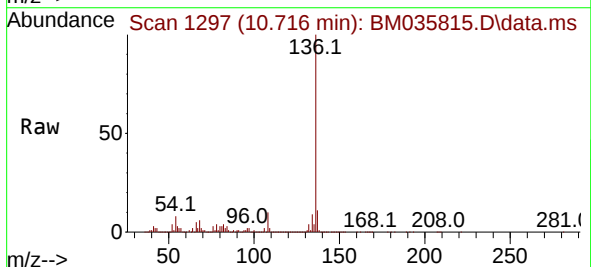
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

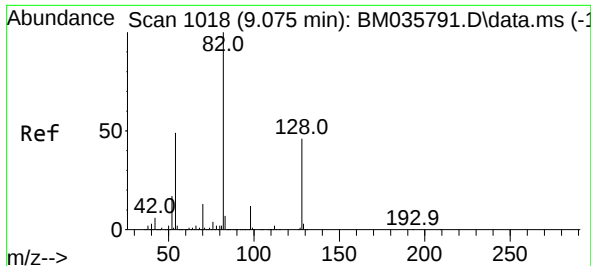
Tgt Ion: 99 Resp: 2277815
Ion Ratio Lower Upper
99 100
42 17.9 18.8 28.2#
71 32.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion: 136 Resp: 1207981
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.0 7.0 10.4
68 6.5 4.3 6.5

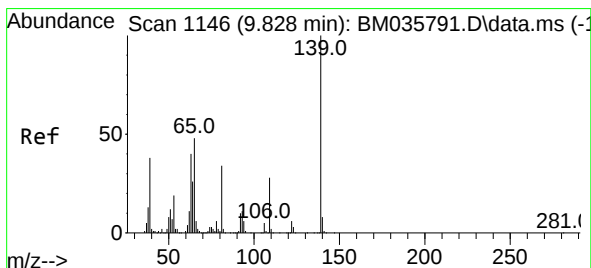
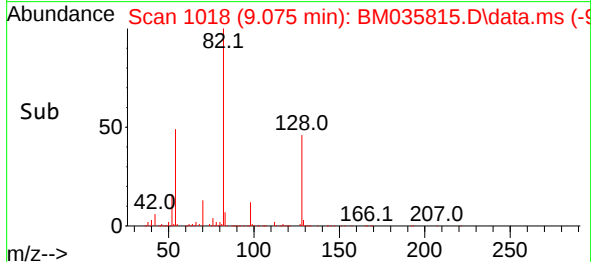
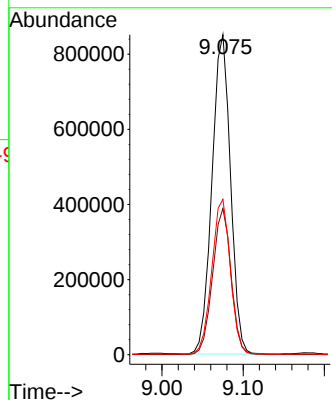
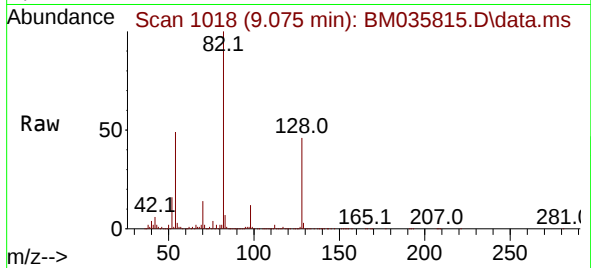




#23
Nitrobenzene-d5
Concen: 63.598 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

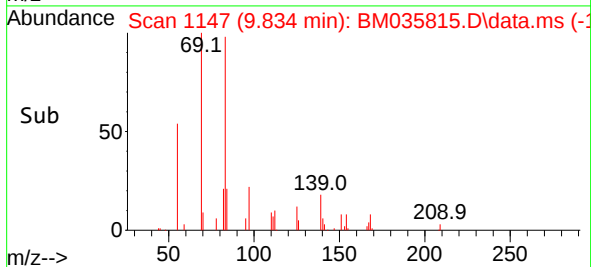
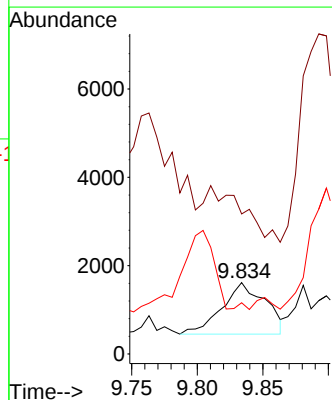
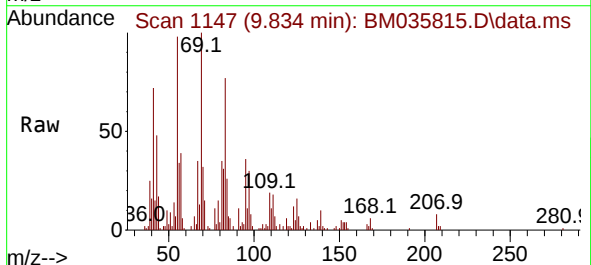
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

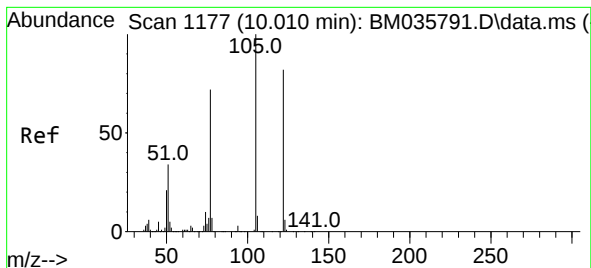
Tgt Ion: 82 Resp: 1343863
Ion Ratio Lower Upper
82 100
128 45.7 33.7 50.5
54 48.5 43.2 64.8



#26
2-Nitrophenol
Concen: 4.858 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion:139 Resp: 2684
Ion Ratio Lower Upper
139 100
109 196.3 25.6 38.4#
65 71.8 43.2 64.8#





#32

Benzoic acid

Concen: 8.062 ng

RT: 10.028 min Scan# 1177

Delta R.T. 0.018 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

Instrument :

BNA_M

ClientSampleId :

SED-2-(6-12)

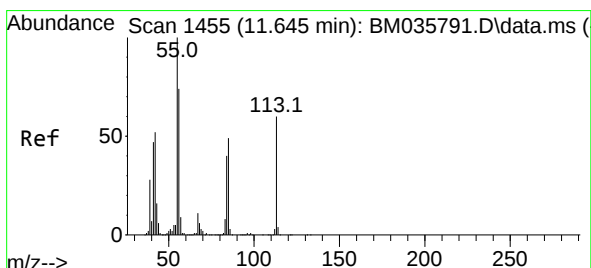
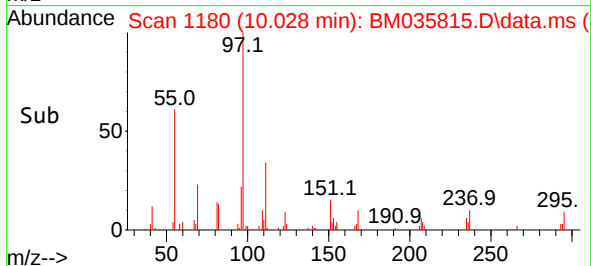
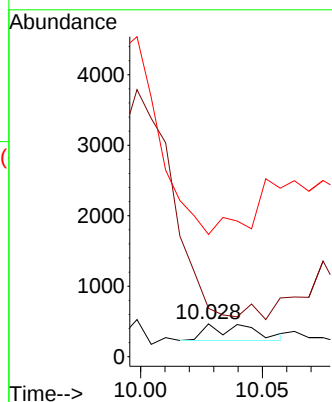
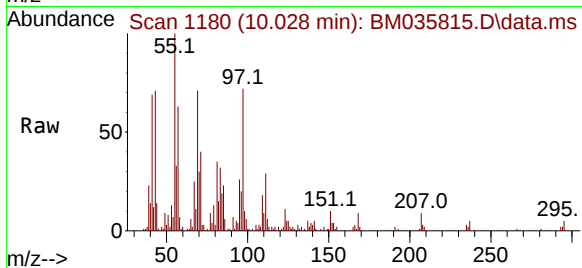
Tgt Ion:122 Resp: 310

Ion Ratio Lower Upper

122 100

105 147.7 105.7 145.7#

77 372.9 80.0 120.0#



#35

Caprolactam

Concen: 5.569 ng

RT: 11.657 min Scan# 1457

Delta R.T. 0.012 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

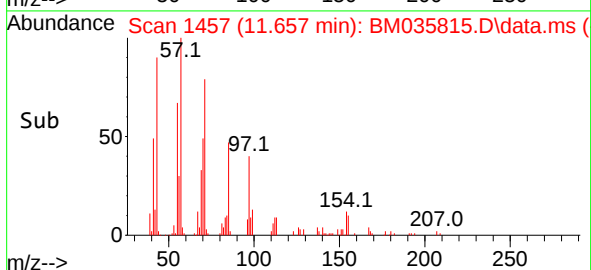
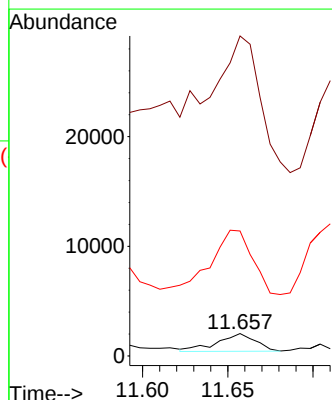
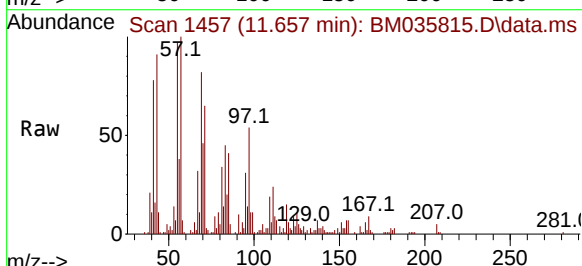
Tgt Ion:113 Resp: 2530

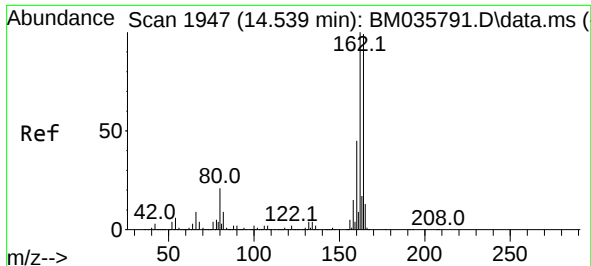
Ion Ratio Lower Upper

113 100

55 1425.0 150.1 190.1#

56 556.8 111.7 151.7#

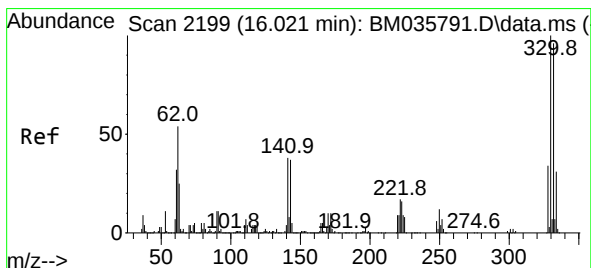
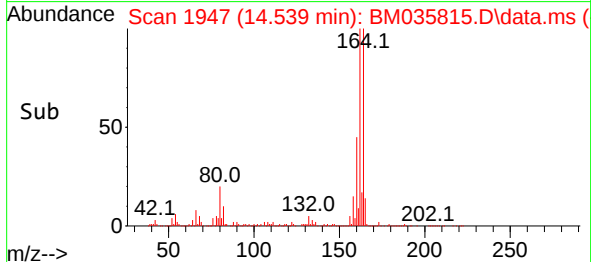
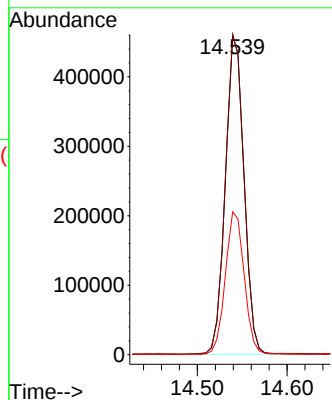
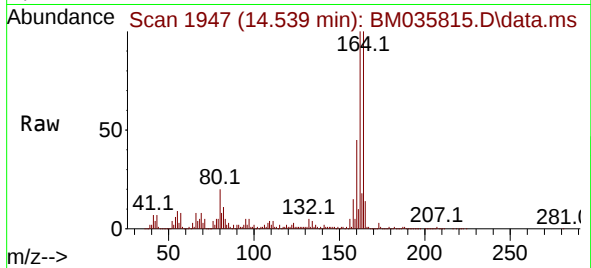




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

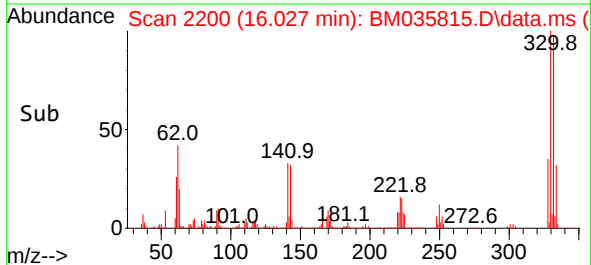
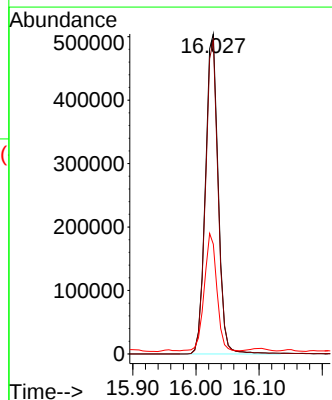
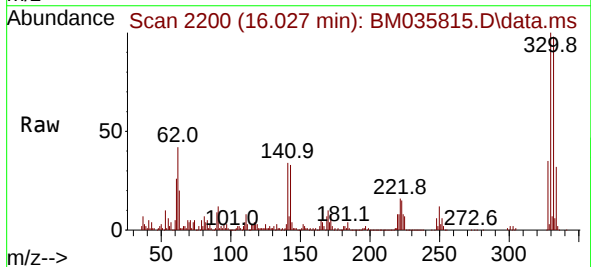
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

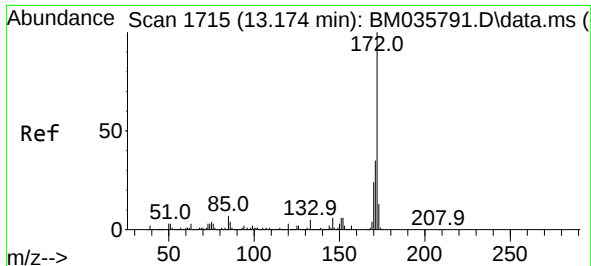
Tgt Ion:164 Resp: 659612
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.6
160 44.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 106.027 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion:330 Resp: 710213
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 35.6 35.3 52.9

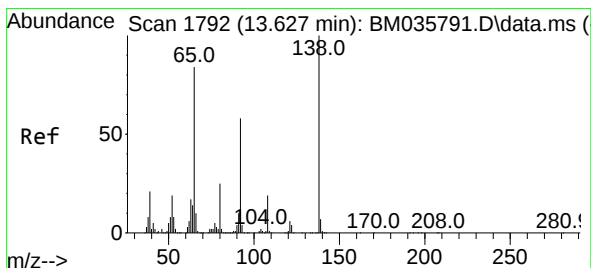
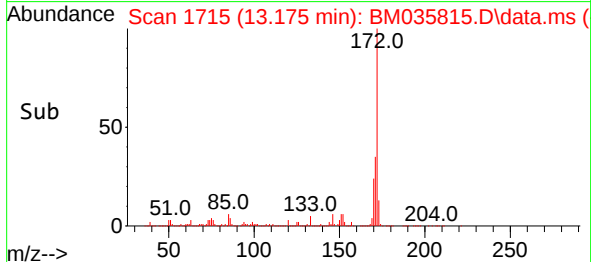
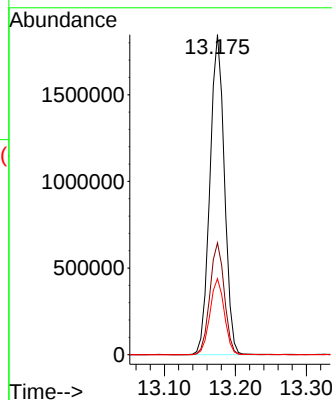
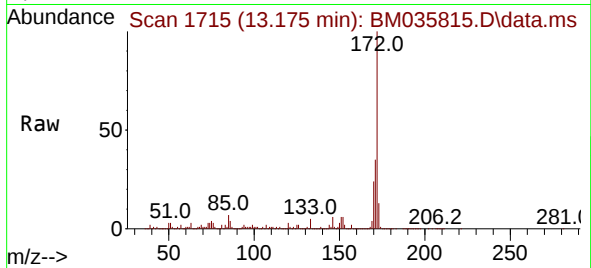




#45
2-Fluorobiphenyl
Concen: 55.388 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

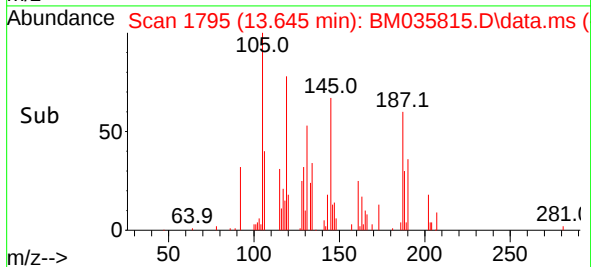
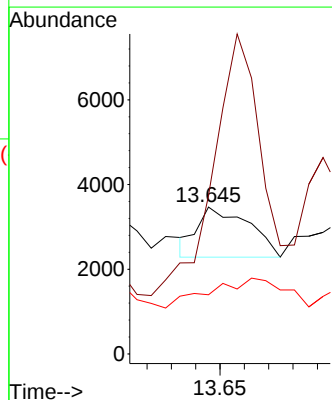
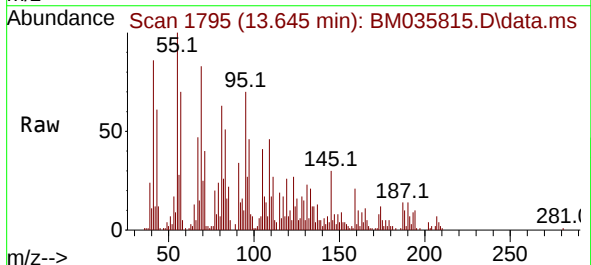
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

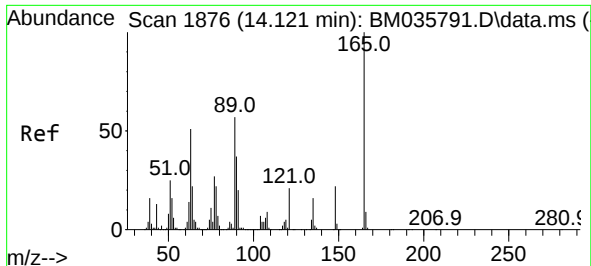
Tgt Ion:172 Resp: 2619703
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.8 18.7 28.1



#48
2-Nitroaniline
Concen: 3.754 ng
RT: 13.645 min Scan# 1795
Delta R.T. 0.018 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion: 65 Resp: 1719
Ion Ratio Lower Upper
65 100
92 107.9 53.7 80.5#
138 40.3 83.9 125.9#





#51

2,6-Dinitrotoluene

Concen: 2.773 ng

RT: 14.104 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

Instrument :

BNA_M

ClientSampleId :

SED-2-(6-12)

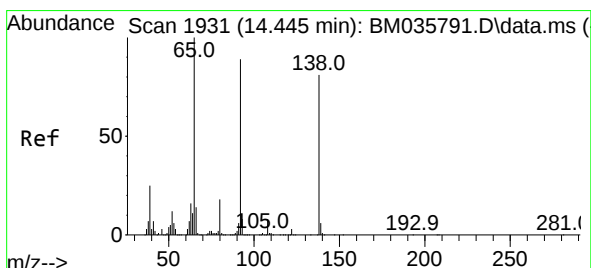
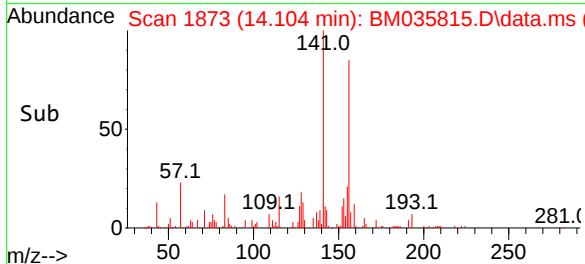
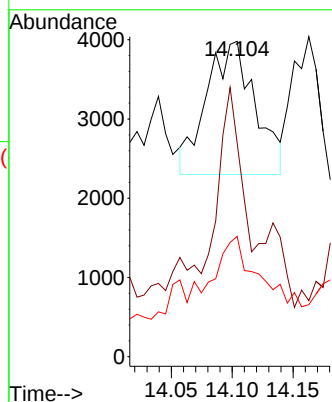
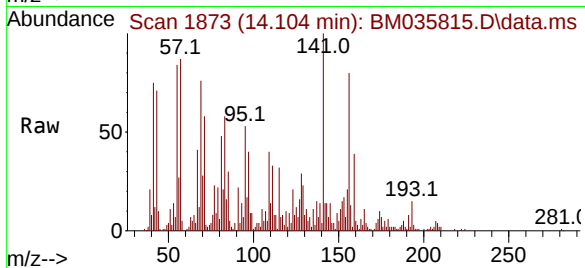
Tgt Ion:165 Resp: 4646

Ion Ratio Lower Upper

165 100

63 67.7 50.2 75.2

89 38.2 48.4 72.6#



#53

3-Nitroaniline

Concen: 3.219 ng

RT: 14.451 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

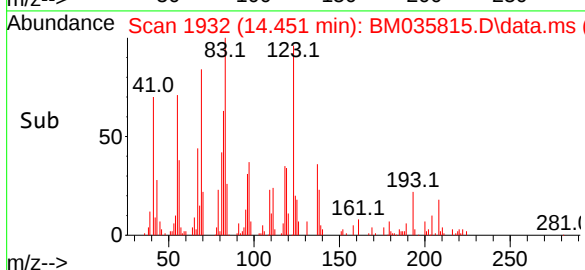
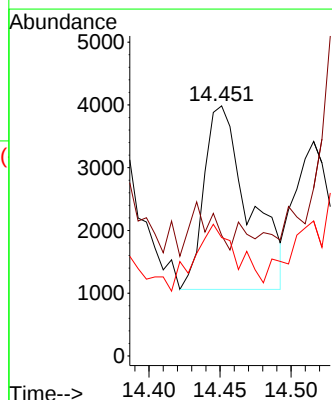
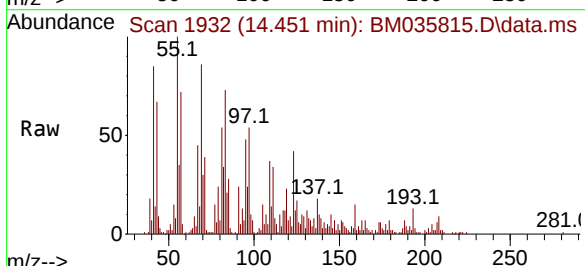
Tgt Ion:138 Resp: 6434

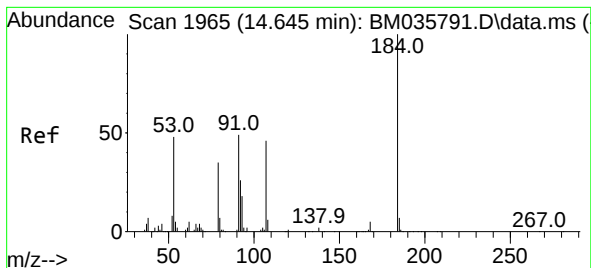
Ion Ratio Lower Upper

138 100

108 48.2 8.7 13.1#

92 47.3 91.5 137.3#

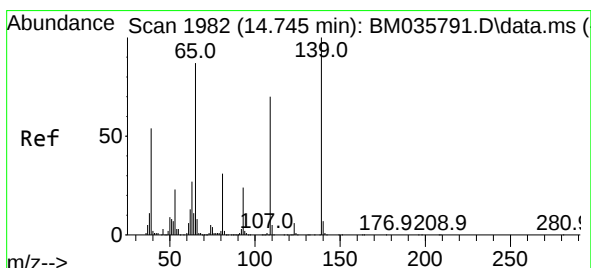
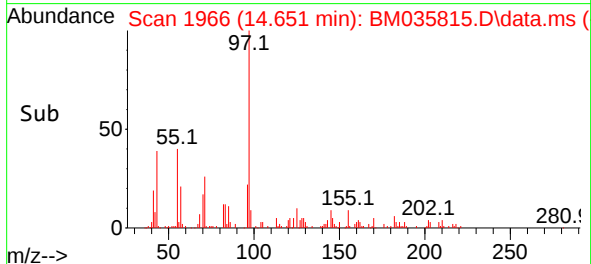
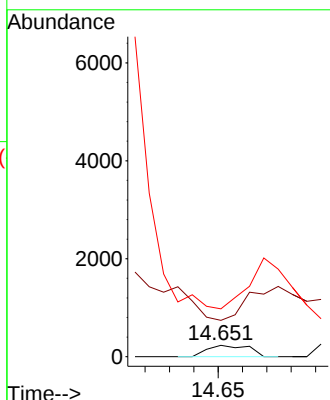
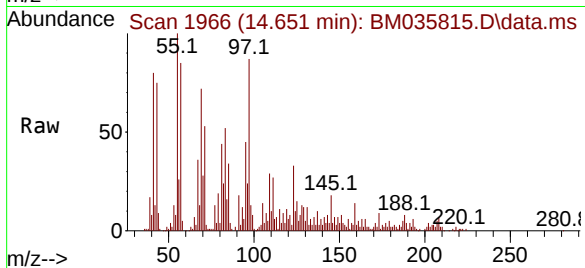




#54
2,4-Dinitrophenol
Concen: 7.605 ng
RT: 14.651 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

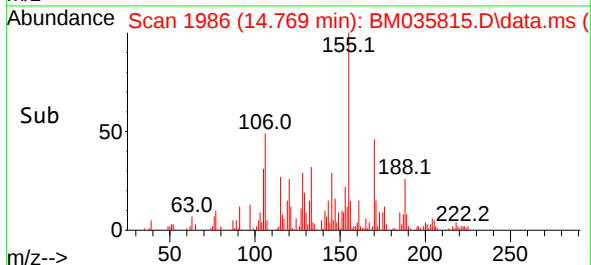
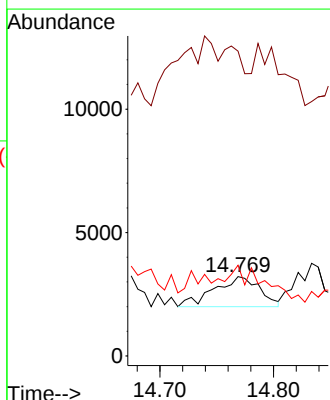
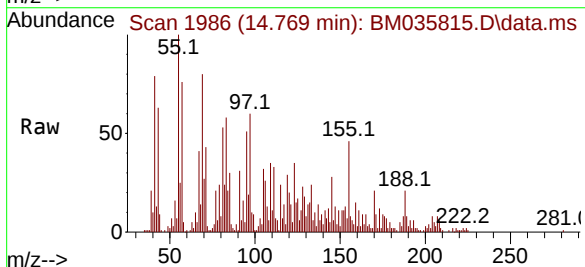
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

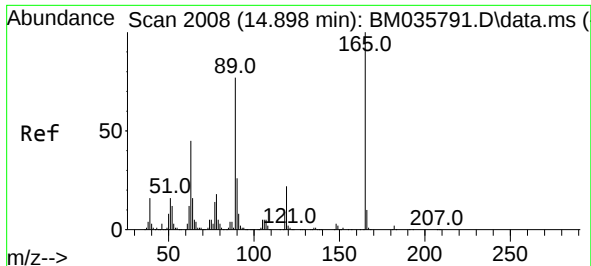
Tgt Ion:184 Resp: 276
Ion Ratio Lower Upper
184 100
63 318.0 59.5 89.3#
154 419.7 55.6 83.4#



#56
4-Nitrophenol
Concen: 4.425 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.024 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion:139 Resp: 3415
Ion Ratio Lower Upper
139 100
109 384.1 62.5 102.5#
65 114.4 83.5 123.5

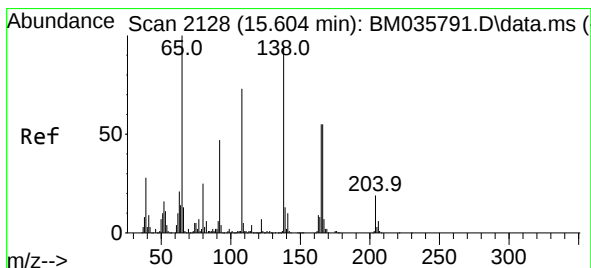
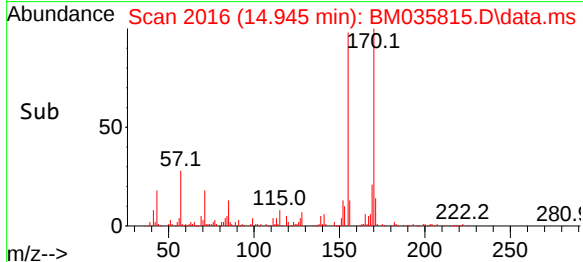
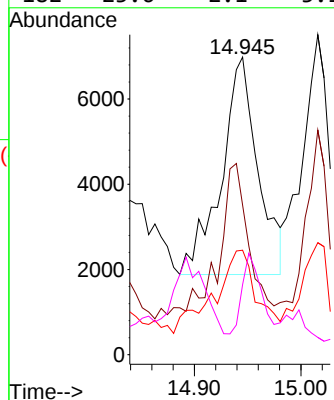
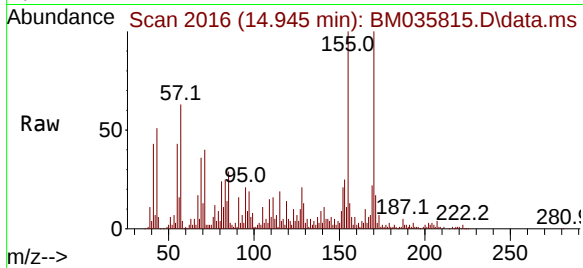




#57
2,4-Dinitrotoluene
Concen: 4.265 ng
RT: 14.945 min Scan# 2016
Delta R.T. 0.047 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

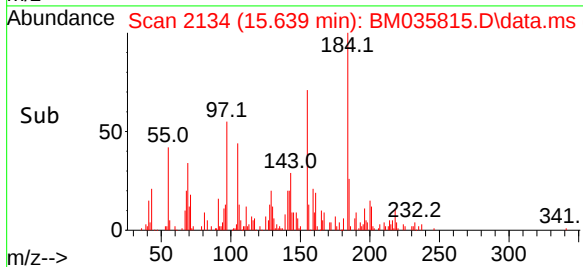
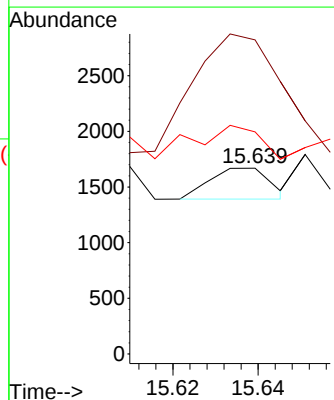
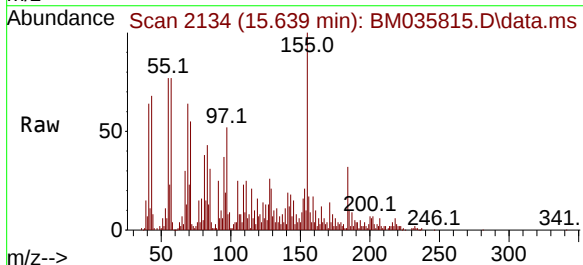
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

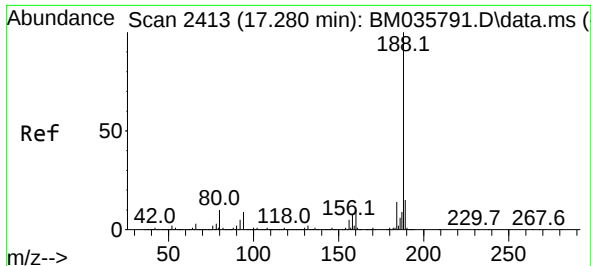
Tgt Ion:165 Resp: 12196
Ion Ratio Lower Upper
165 100
63 50.3 35.6 53.4
89 35.1 57.3 85.9#
182 23.6 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.822 ng
RT: 15.639 min Scan# 2134
Delta R.T. 0.035 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion:138 Resp: 273
Ion Ratio Lower Upper
138 100
92 169.1 30.8 70.8#
108 119.5 65.7 105.7#

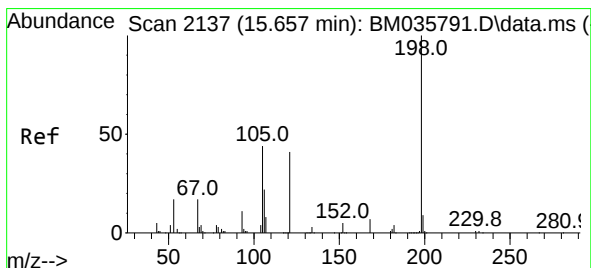
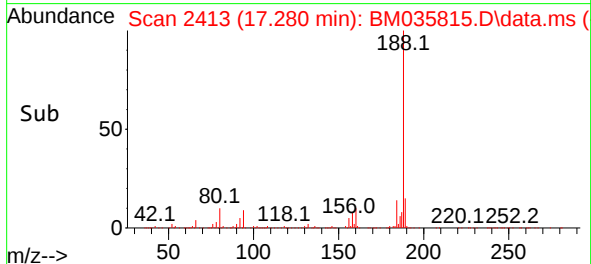
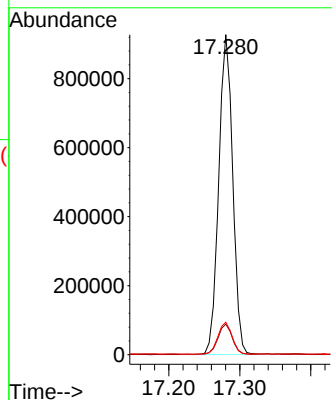
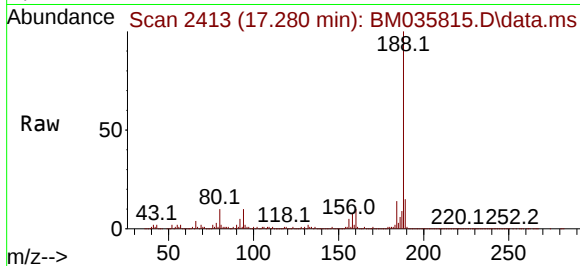




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

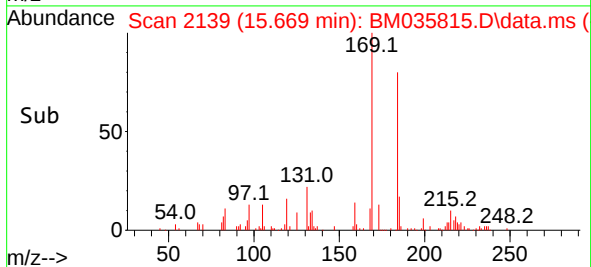
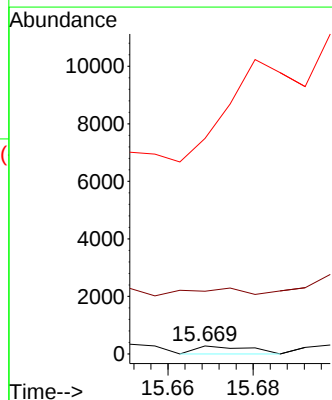
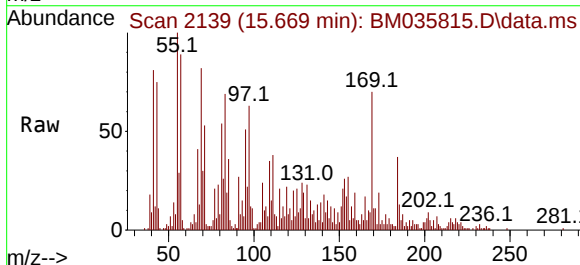
Instrument :
BNA_M
ClientSampleId :
SED-2-(6-12)

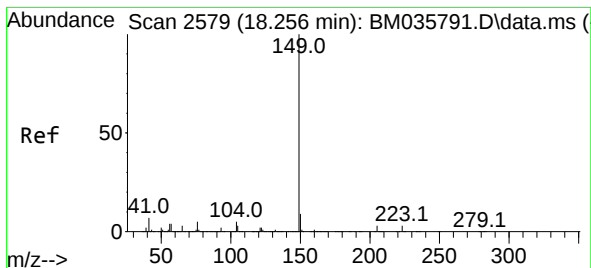
Tgt Ion:188 Resp: 1262889
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.2 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.626 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.012 min
Lab File: BM035815.D
Acq: 14 Jul 2022 16:52

Tgt Ion:198 Resp: 243
Ion Ratio Lower Upper
198 100
51 781.7 29.0 69.0#
105 2686.4 22.1 62.1#





#74

Di-n-butylphthalate

Concen: 2.371 ng

RT: 18.257 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

Instrument :

BNA_M

ClientSampleId :

SED-2-(6-12)

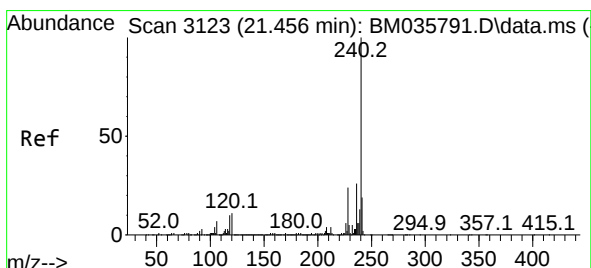
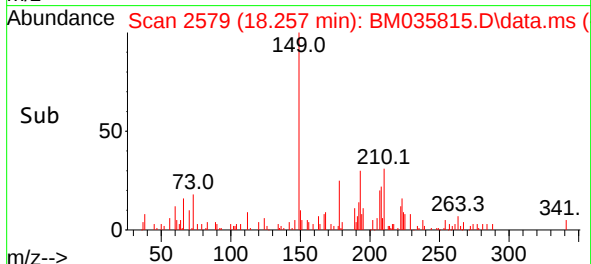
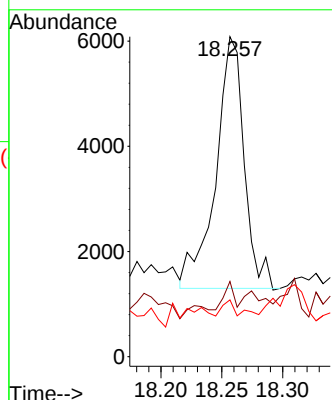
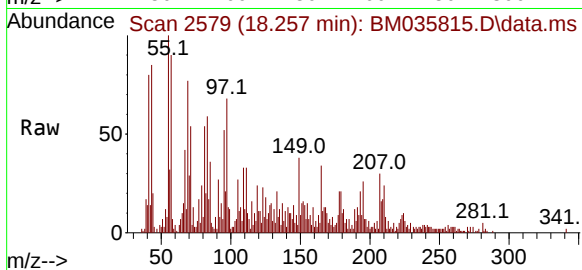
Tgt Ion:149 Resp: 7774

Ion Ratio Lower Upper

149 100

150 23.5 7.3 10.9#

104 17.7 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3123

Delta R.T. 0.001 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

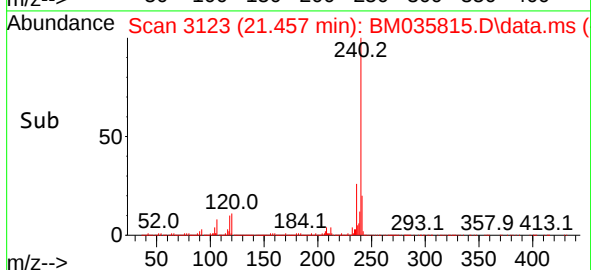
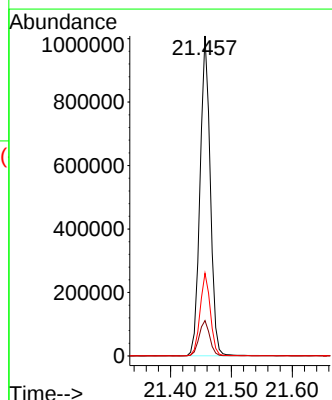
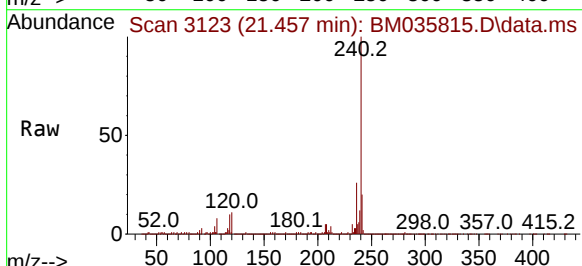
Tgt Ion:240 Resp: 1176748

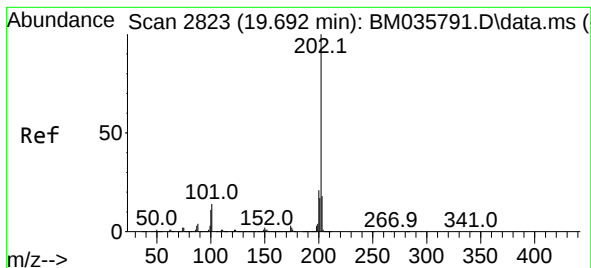
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.0

236 25.8 20.6 30.8





#78

Pyrene

Concen: 2.002 ng

RT: 19.692 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

Instrument :

BNA_M

ClientSampleId :

SED-2-(6-12)

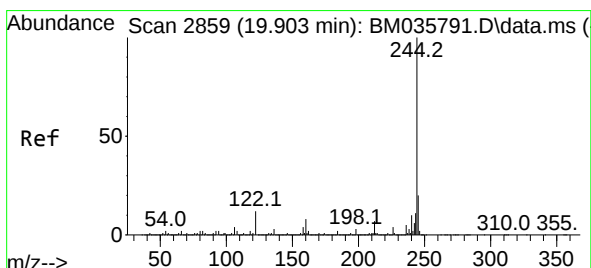
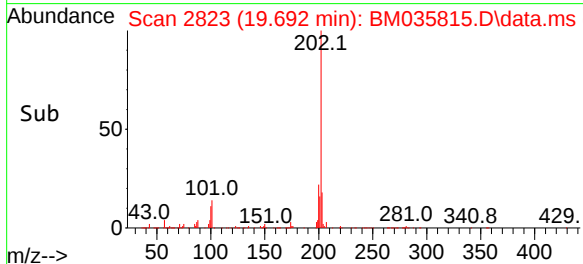
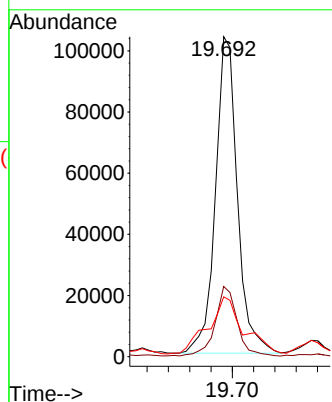
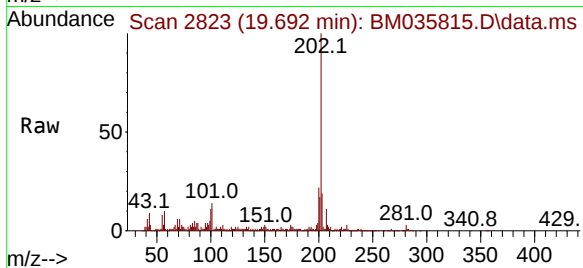
Tgt Ion:202 Resp: 147955

Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

203 18.7 13.9 20.9



#79

Terphenyl-d14

Concen: 54.220 ng

RT: 19.904 min Scan# 2859

Delta R.T. 0.001 min

Lab File: BM035815.D

Acq: 14 Jul 2022 16:52

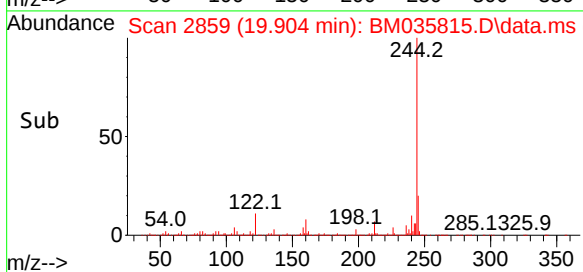
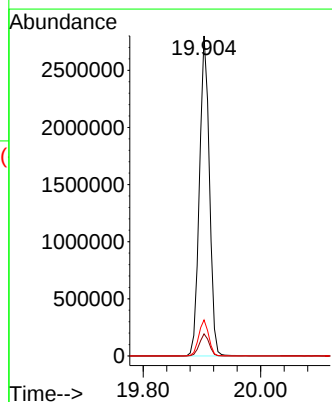
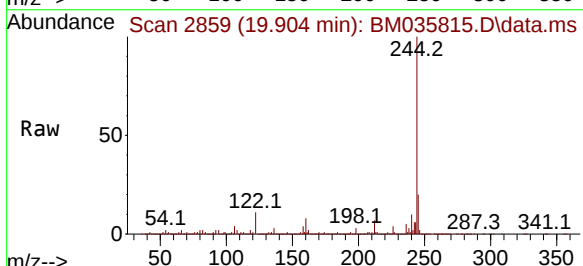
Tgt Ion:244 Resp: 3286817

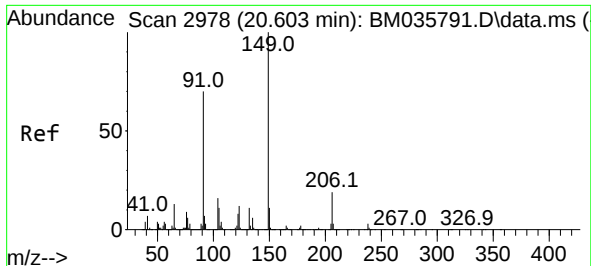
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 11.2 8.3 12.5

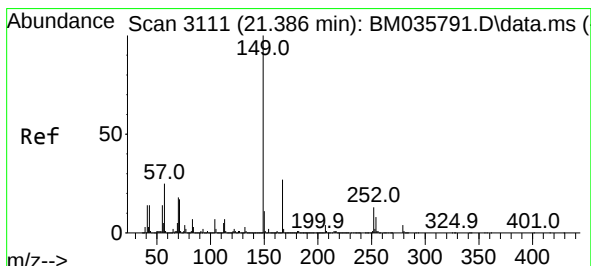
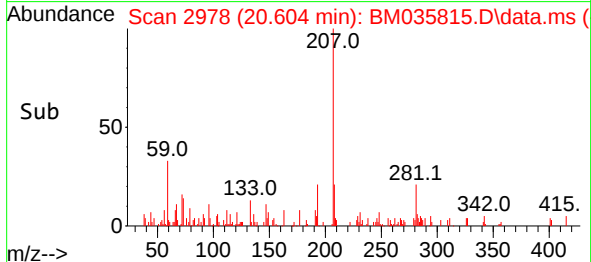
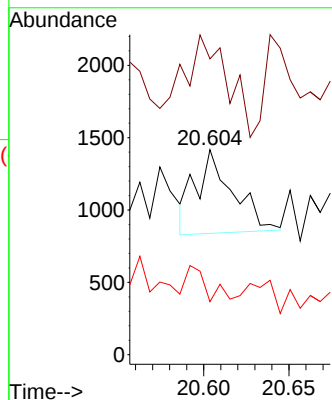
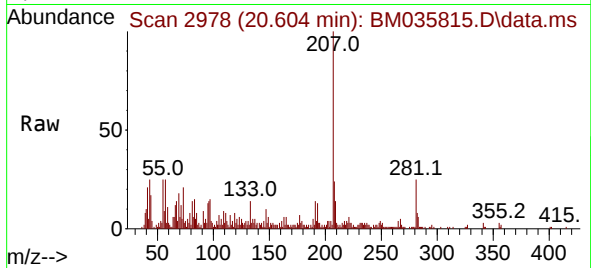




#80
 Butylbenzylphthalate
 Concen: 4.191 ng
 RT: 20.604 min Scan# 2978
 Delta R.T. 0.001 min
 Lab File: BM035815.D
 Acq: 14 Jul 2022 16:52

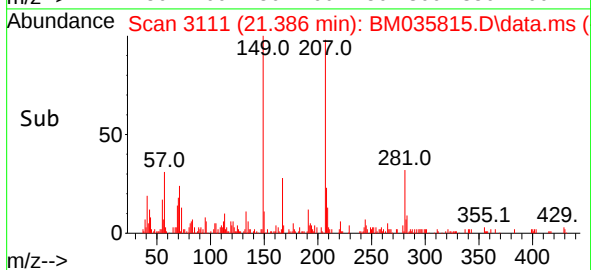
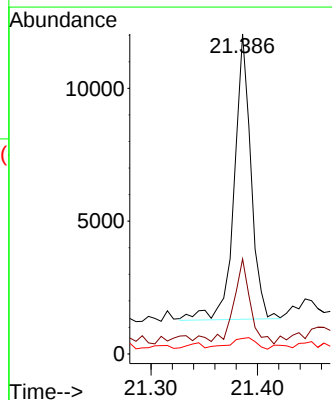
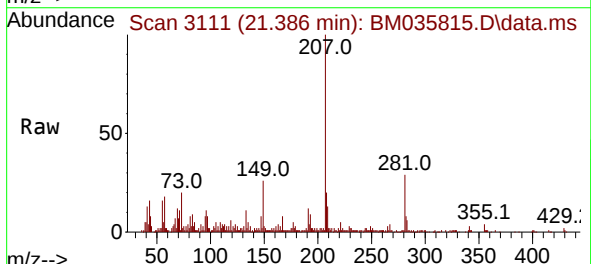
Instrument :
 BNA_M
 ClientSampleId :
 SED-2-(6-12)

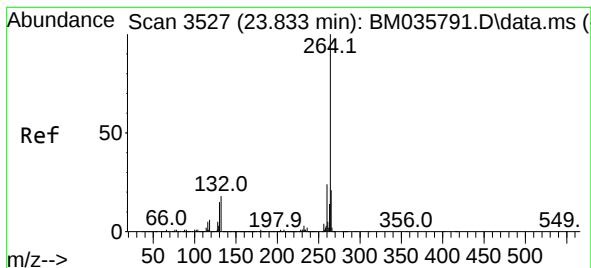
Tgt Ion:149 Resp: 873
 Ion Ratio Lower Upper
 149 100
 91 144.3 56.6 85.0#
 206 25.8 15.4 23.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.512 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BM035815.D
 Acq: 14 Jul 2022 16:52

Tgt Ion:149 Resp: 11751
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.1 31.7
 279 4.8 2.8 4.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM035815.D

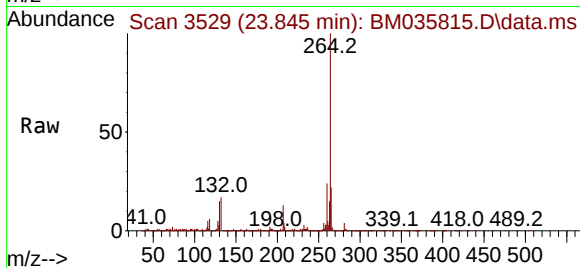
Acq: 14 Jul 2022 16:52

Instrument :

BNA_M

ClientSampleId :

SED-2-(6-12)



Tgt Ion:264 Resp: 1214145

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.6 17.5 26.3

