

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033508.D
 Acq On : 17 Dec 2021 16:28
 Operator : CG/JU
 Sample : M5051-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 18 04:52:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

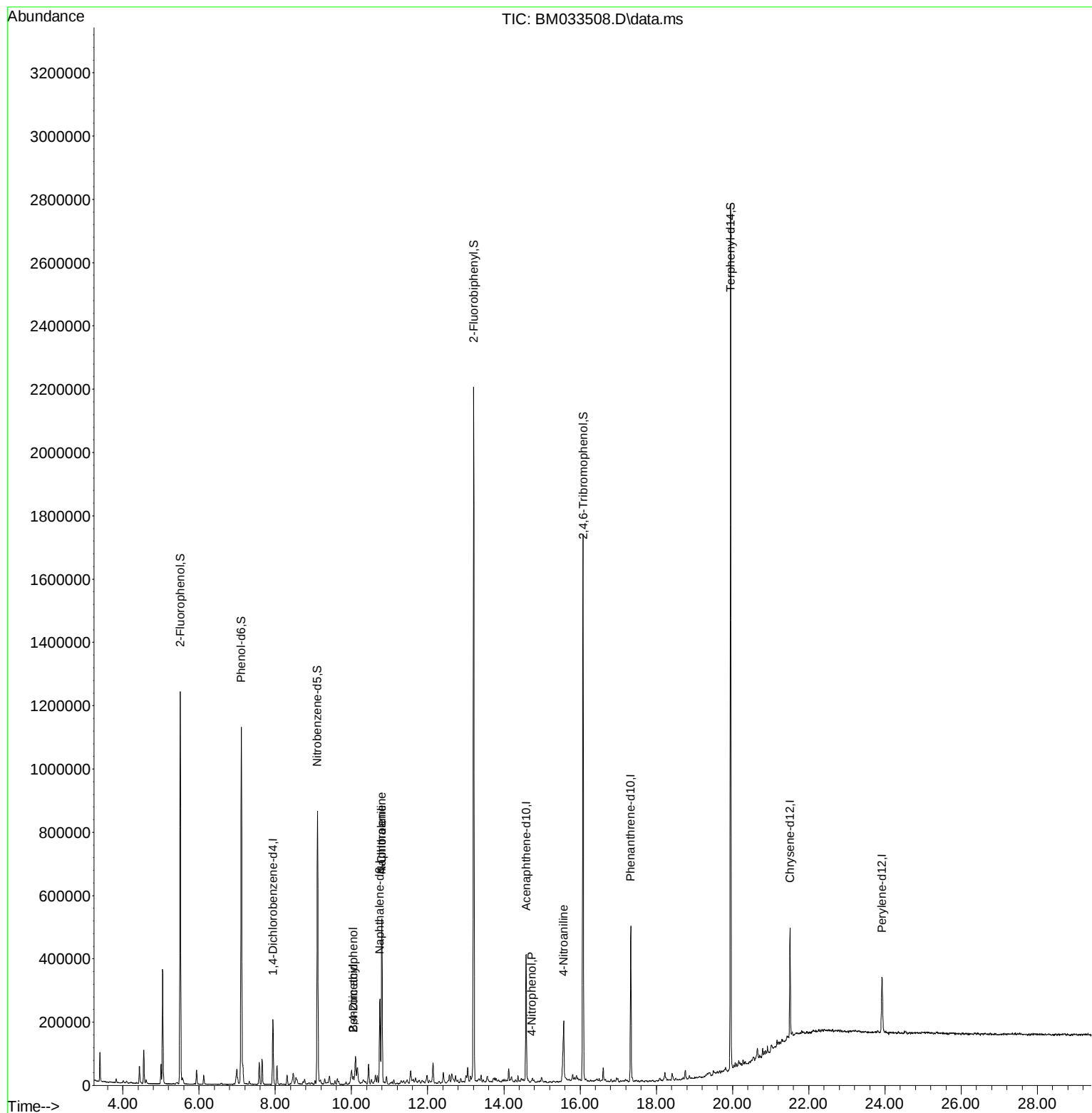
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	45945	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	192273	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	131444	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	267480	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	160077	20.000	ng	0.00
86) Perylene-d12	23.918	264	132510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	417283	156.718	ng	0.00
7) Phenol-d6	7.107	99	513140	143.605	ng	0.00
23) Nitrobenzene-d5	9.107	82	472568	105.532	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	232779	157.432	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	984443	103.602	ng	0.00
79) Terphenyl-d14	19.953	244	1162854	114.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	113	Below Cal	#	1
9) Benzaldehyde	7.078	77	892	Below Cal	#	1
27) 2,4-Dimethylphenol	10.048	122	7957	3.151	ng	# 1
31) Naphthalene	10.795	128	362952	34.847	ng	99
32) Benzoic acid	10.048	122	7957	7.203	ng	# 89
33) 4-Chloroaniline	10.795	127	48992	14.539	ng	# 30
56) 4-Nitrophenol	14.724	139	214	4.144	ng	# 87
62) 4-Nitroaniline	15.571	138	182	2.662	ng	# 40

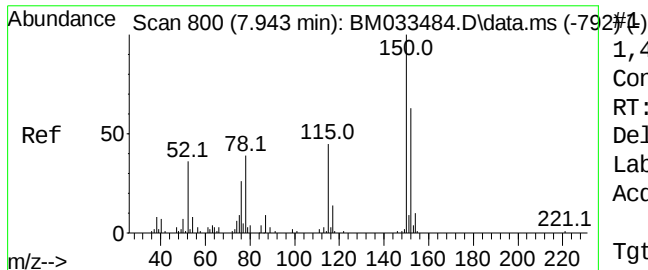
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033508.D
Acq On : 17 Dec 2021 16:28
Operator : CG/JU
Sample : M5051-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 18 04:52:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

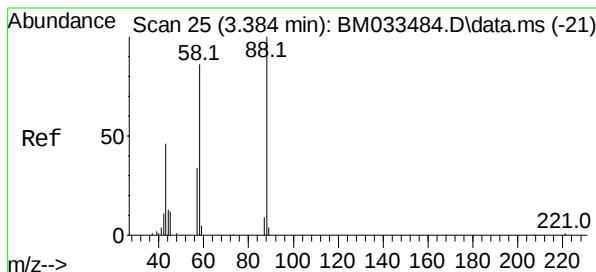
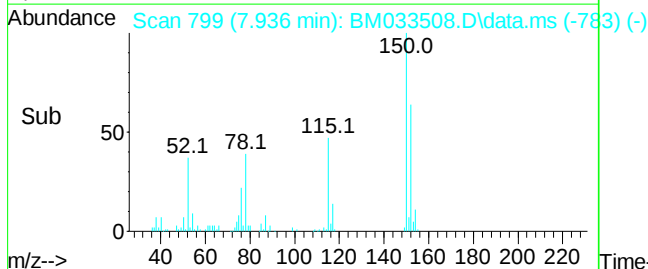
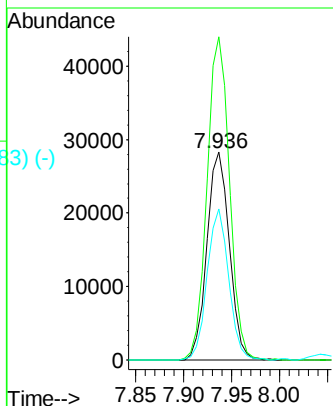
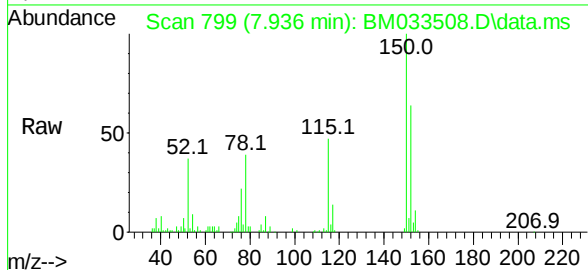




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.936 min Scan#
 Delta R.T. -0.007 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

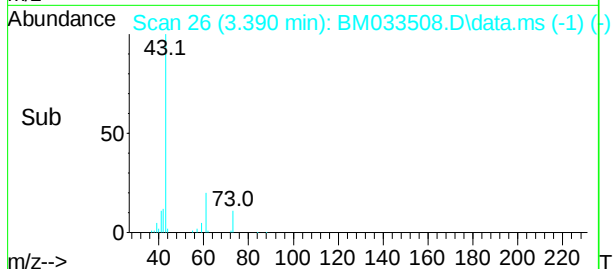
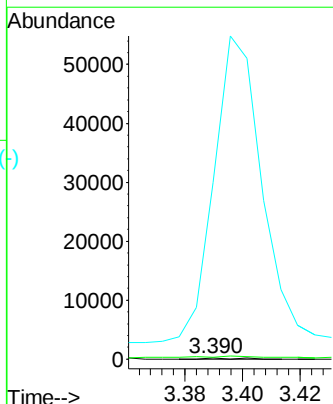
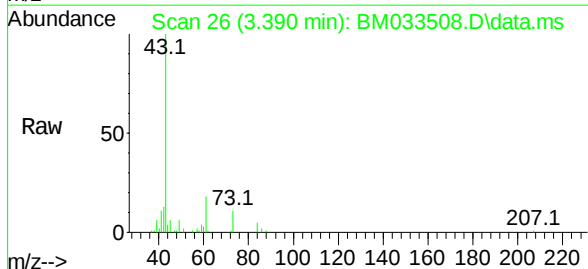
Instrument :
 BNA_M
 ClientSampleId :

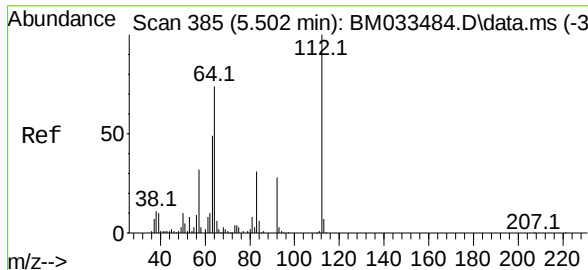
Tgt Ion:152 Resp: 45945
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.9 193.3
 115 72.7 53.0 79.6



1,4-Dioxane
 Concen: Below Cal
 RT: 3.390 min Scan# 26
 Delta R.T. 0.006 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

Tgt Ion: 88 Resp: 113
 Ion Ratio Lower Upper
 88 100
 58 553.1 67.0 100.4#
 43 54685.0 31.6 47.4#





2-Fluorophenol

Concen: 156.718 ng

RT: 5.507 min Scan#

Delta R.T. 0.005 min

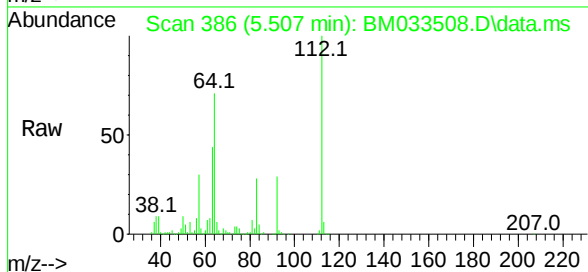
Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Instrument :

BNA_M

ClientSampleId :



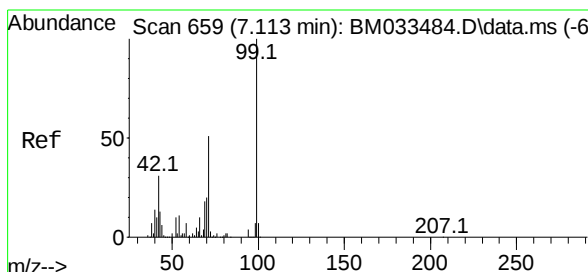
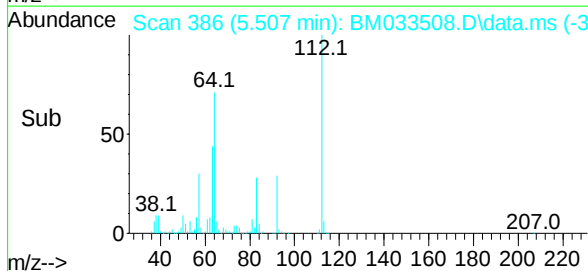
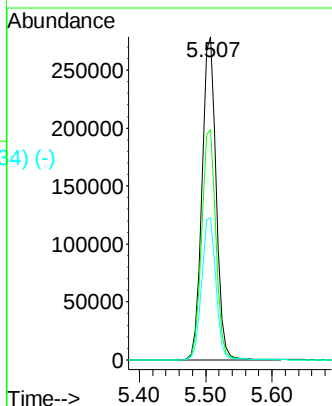
Tgt Ion:112 Resp: 417283

Ion Ratio Lower Upper

112 100

64 71.2 55.5 83.3

63 44.0 31.3 46.9



Phenol-d6

Concen: 143.605 ng

RT: 7.107 min Scan# 658

Delta R.T. -0.006 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

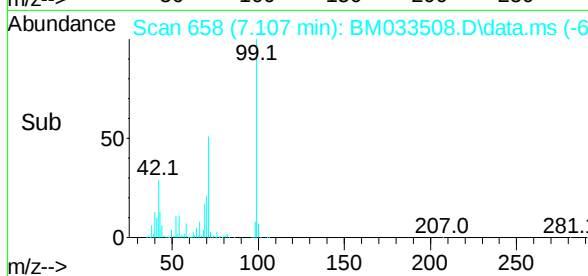
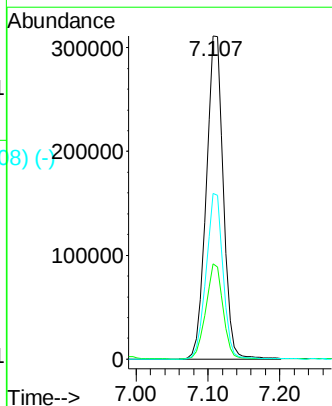
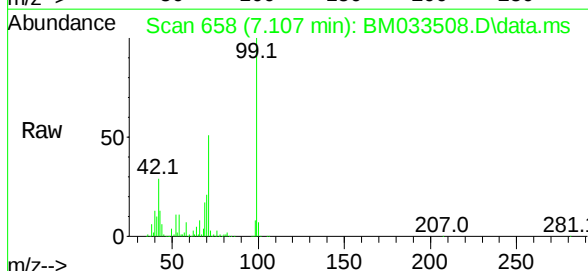
Tgt Ion: 99 Resp: 513140

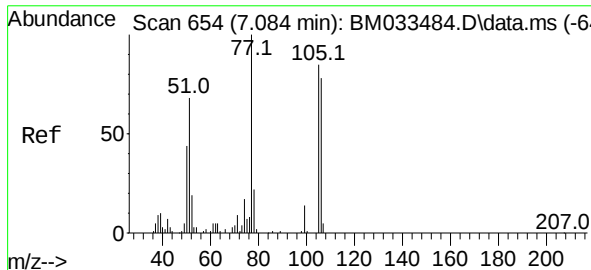
Ion Ratio Lower Upper

99 100

42 29.5 20.3 30.5

71 51.3 34.5 51.7





Benzaldehyde

Concen: Below Cal

RT: 7.078 min Scan#

Delta R.T. -0.006 min

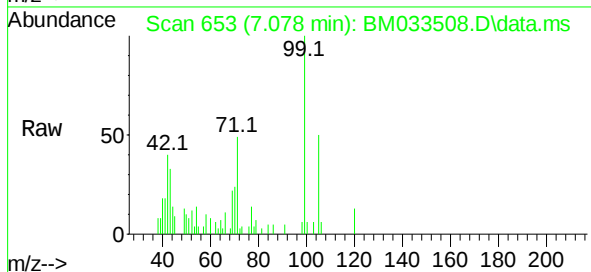
Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Instrument :

BNA_M

ClientSampleId :



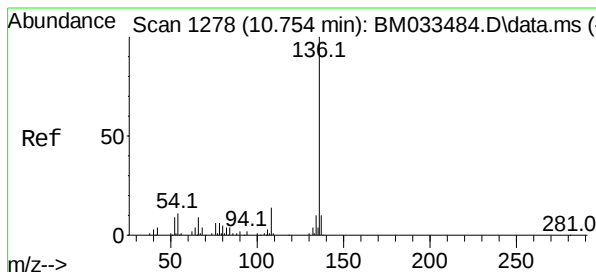
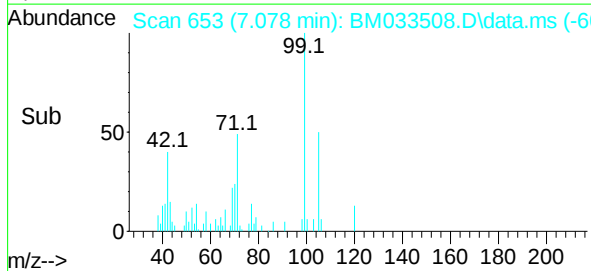
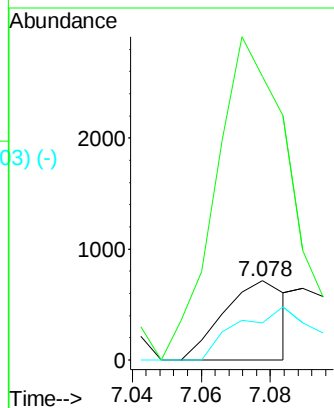
Tgt Ion: 77 Resp: 892

Ion Ratio Lower Upper

77 100

105 357.6 67.1 107.1#

106 46.4 64.3 104.3#



Naphthalene-d8

Concen: 20.000 ng

RT: 10.748 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Tgt Ion:136 Resp: 192273

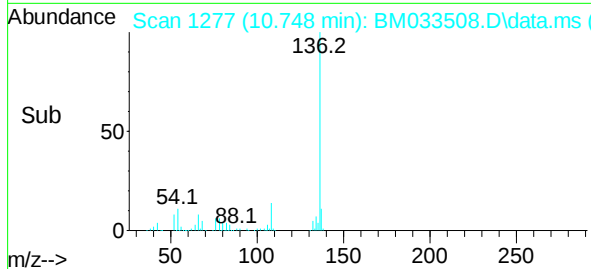
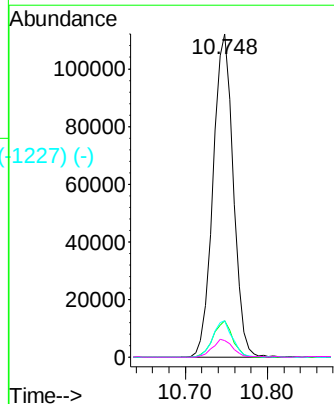
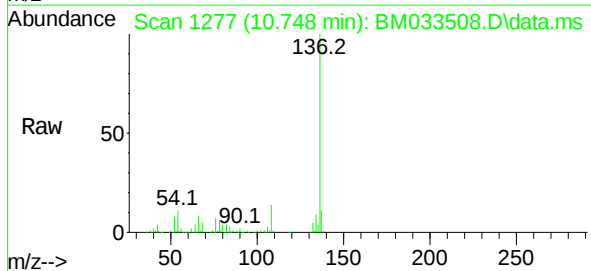
Ion Ratio Lower Upper

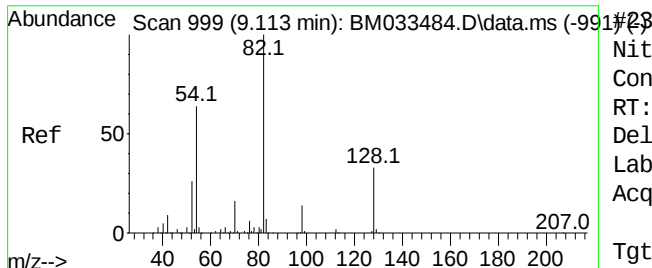
136 100

137 11.2 8.6 13.0

54 11.2 8.3 12.5

68 5.1 5.0 7.6





Nitrobenzene-d5

Concen: 105.532 ng

RT: 9.107 min Scan# 999

Delta R.T. -0.006 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Instrument :

BNA_M

ClientSampleId :

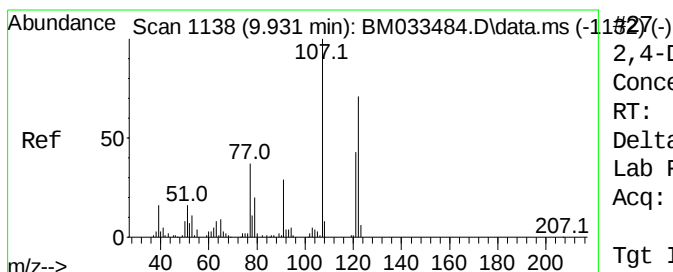
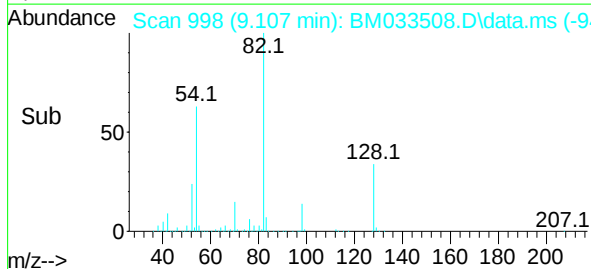
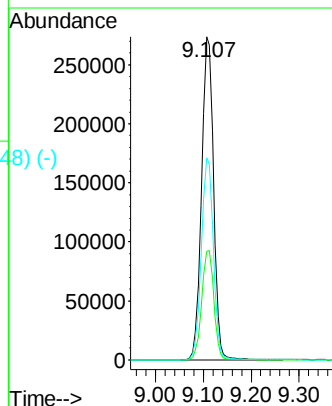
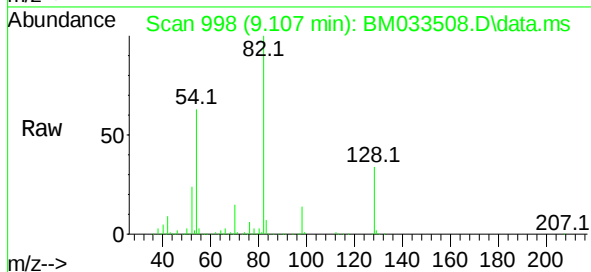
Tgt Ion: 82 Resp: 472568

Ion Ratio Lower Upper

82 100

128 33.6 28.1 42.1

54 62.5 46.1 69.1



2,4-Dimethylphenol

Concen: 3.151 ng

RT: 10.048 min Scan# 1158

Delta R.T. 0.117 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

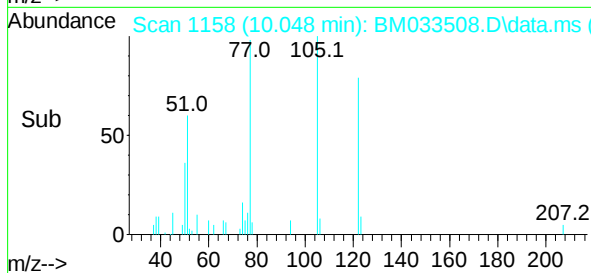
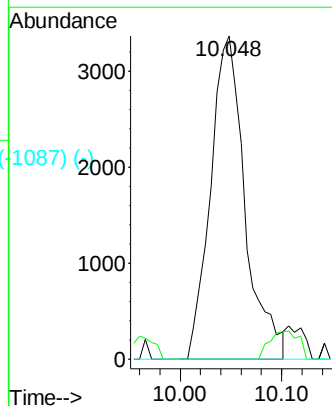
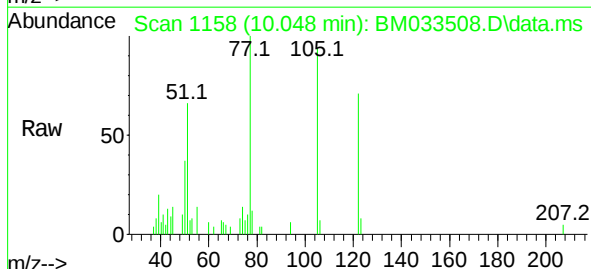
Tgt Ion:122 Resp: 7957

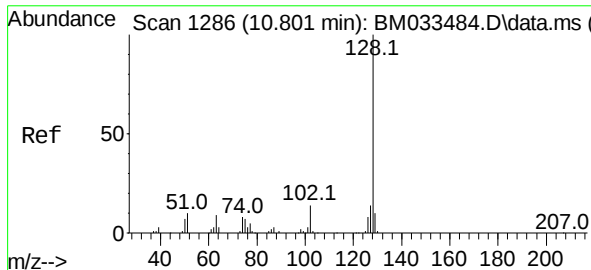
Ion Ratio Lower Upper

122 100

107 0.0 105.3 157.9#

121 0.0 49.7 74.5#

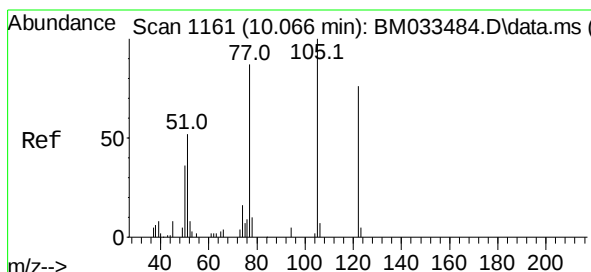
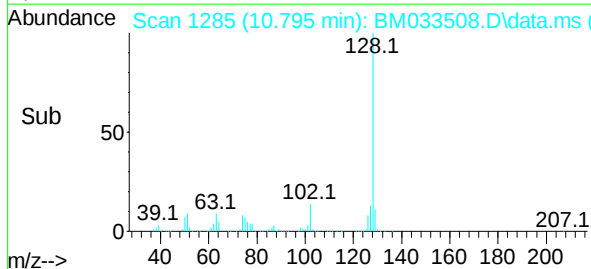
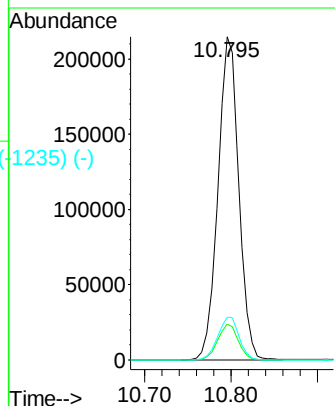
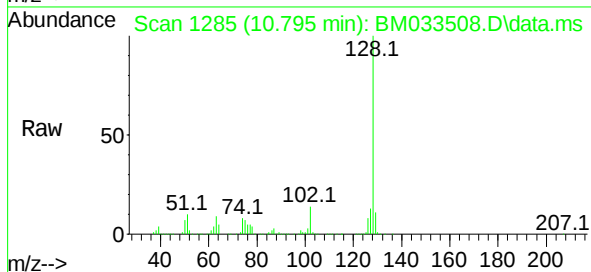




Naphthalene
Concen: 34.847 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

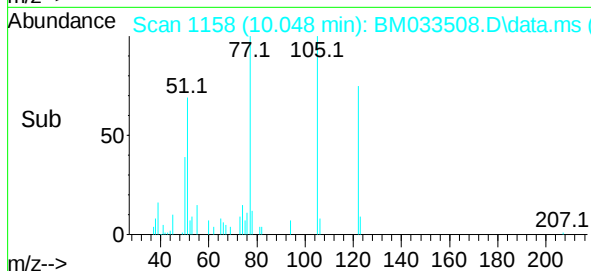
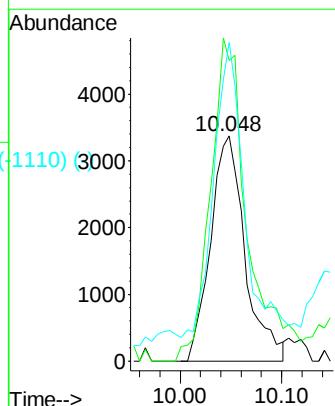
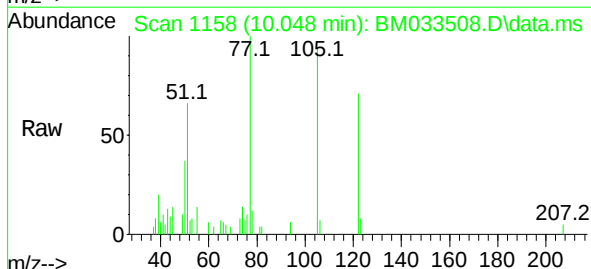
Instrument :
BNA_M
ClientSampleId :

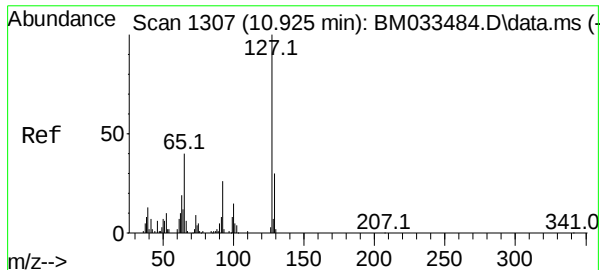
Tgt Ion:	128	Resp:	362952
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.3	10.8	16.2



Benzoic acid
Concen: 7.203 ng
RT: 10.048 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM033508.D
Acq: 17 Dec 2021 16:28

Tgt Ion:	122	Resp:	7957
Ion	Ratio	Lower	Upper
122	100		
105	133.6	119.6	159.6
77	141.7	101.0	141.0#

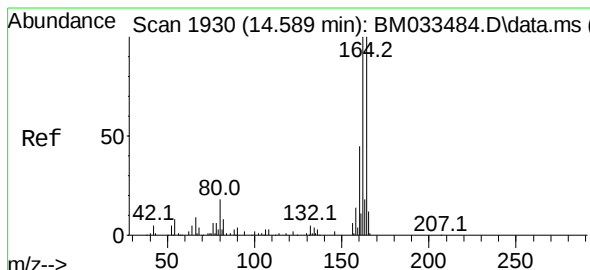
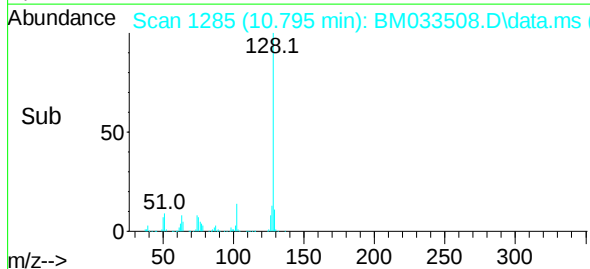
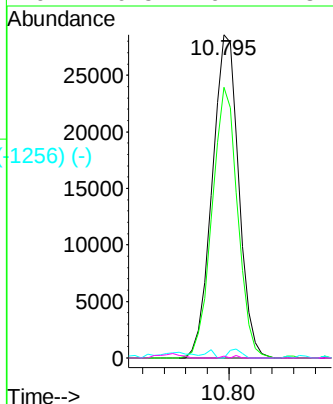
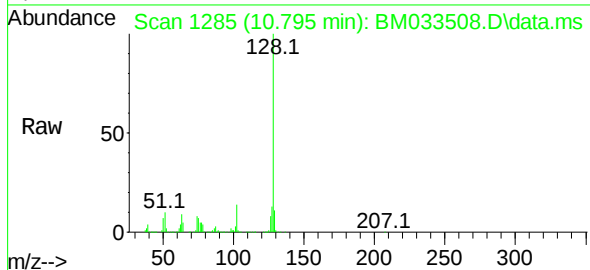




4-Chloroaniline
 Concen: 14.539 ng
 RT: 10.795 min Scan# 1285
 Delta R.T. -0.130 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

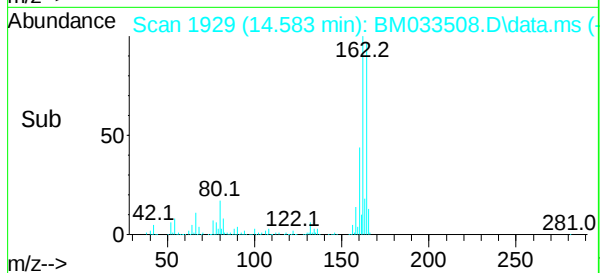
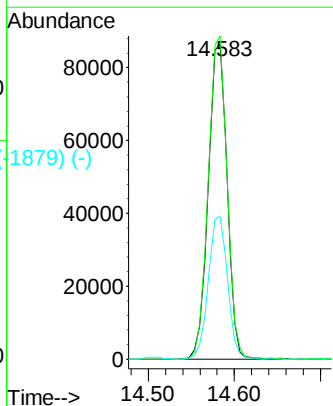
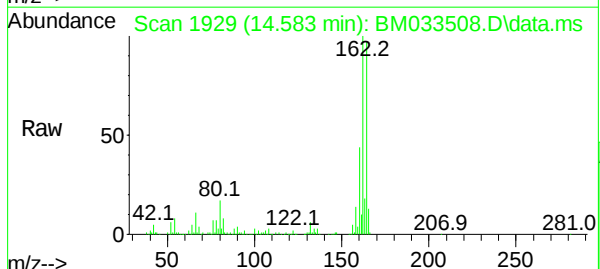
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	127	Resp:	48992
Ion	Ratio	Lower	Upper
127	100		
129	83.7	26.2	39.4#
65	0.0	33.0	49.6#
92	0.5	19.2	28.8#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.583 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

Tgt Ion:	164	Resp:	131444
Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.7	119.5
160	45.3	34.2	51.4



Abundance Scan 2183 (16.077 min): BM033484.D\data.ms (-2140) (-)

2,4,6-Tribromophenol

Concen: 157.432 ng

RT: 16.077 min Scan# 2183

Delta R.T. 0.000 min

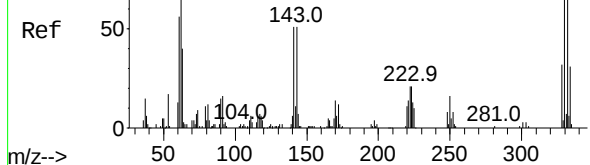
Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Instrument :

BNA_M

ClientSampleId :



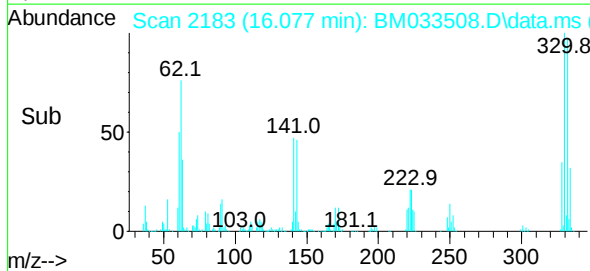
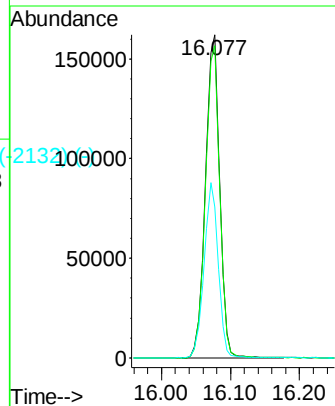
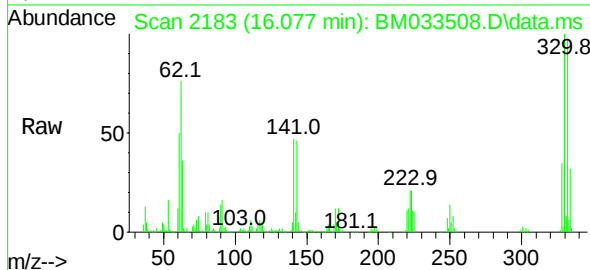
Tgt Ion:330 Resp: 232779

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 53.9 35.9 53.9#



Abundance Scan 1696 (13.213 min): BM033484.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 103.602 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

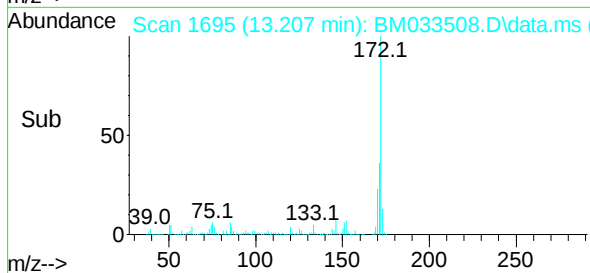
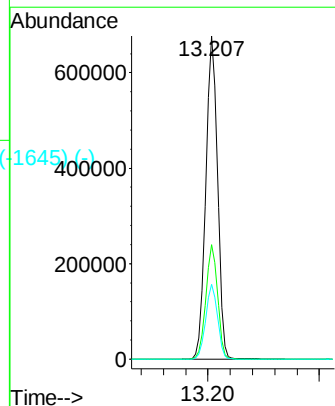
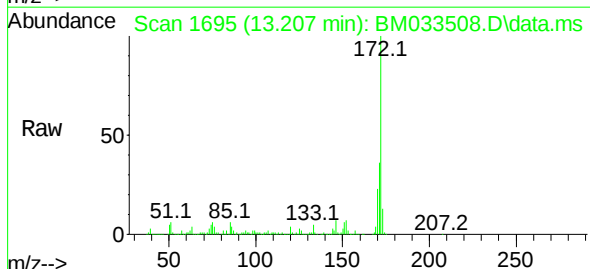
Tgt Ion:172 Resp: 984443

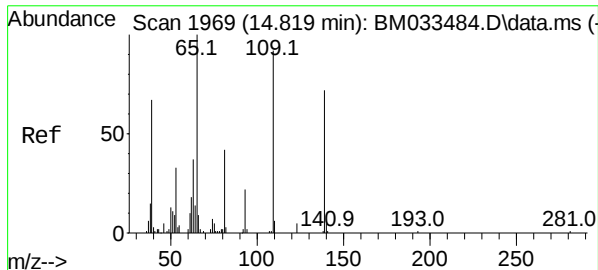
Ion Ratio Lower Upper

172 100

171 35.5 27.2 40.8

170 23.2 18.7 28.1

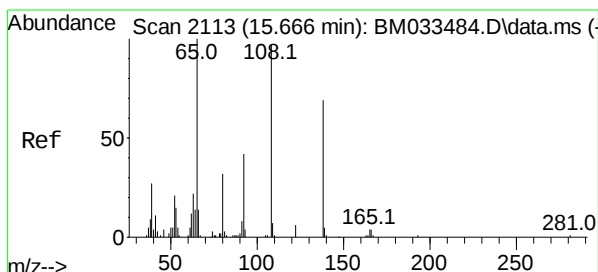
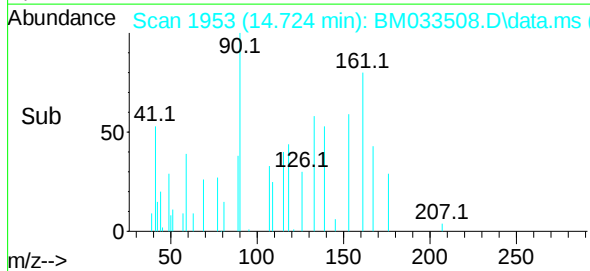
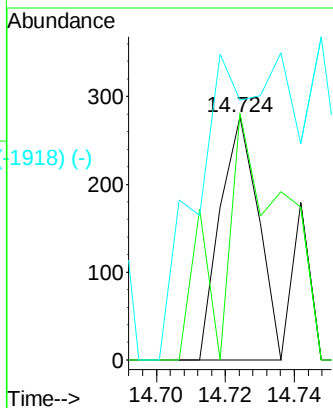
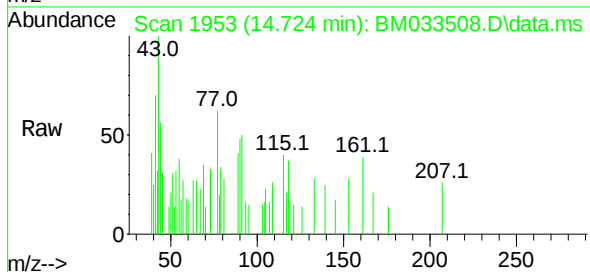




4-Nitrophenol
 Concen: 4.144 ng
 RT: 14.724 min Scan# 1953
 Delta R.T. -0.095 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

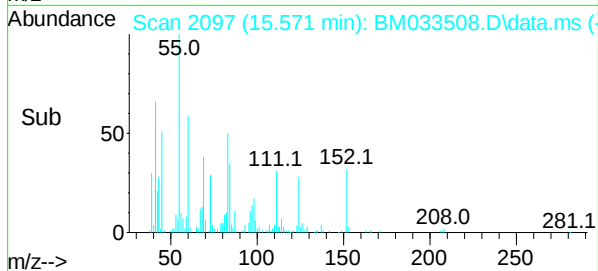
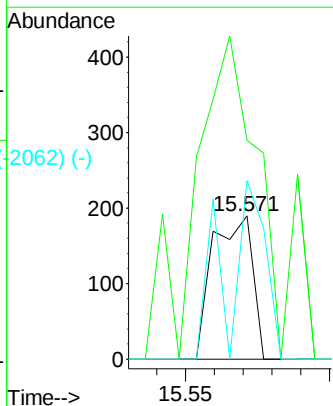
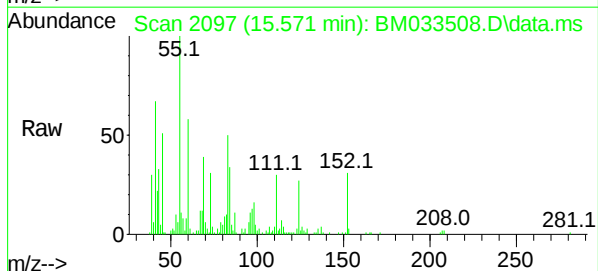
Instrument :
 BNA_M
 ClientSampleId :

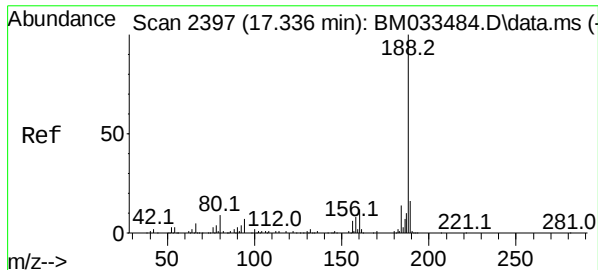
Tgt Ion:139 Resp: 214
 Ion Ratio Lower Upper
 139 100
 109 101.4 75.3 115.3
 65 106.9 107.4 147.4#



4-Nitroaniline
 Concen: 2.662 ng
 RT: 15.571 min Scan# 2097
 Delta R.T. -0.095 min
 Lab File: BM033508.D
 Acq: 17 Dec 2021 16:28

Tgt Ion:138 Resp: 182
 Ion Ratio Lower Upper
 138 100
 92 152.6 38.7 78.7#
 108 124.2 81.9 121.9#





(-2397) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2397

Delta R.T. -0.006 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Instrument :

BNA_M

ClientSampleId :

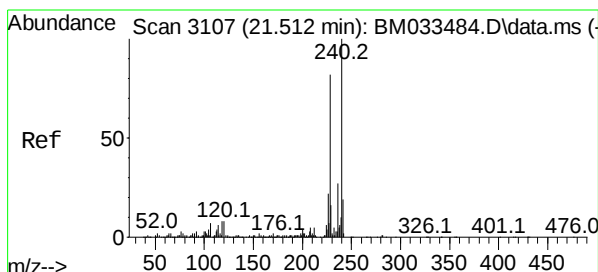
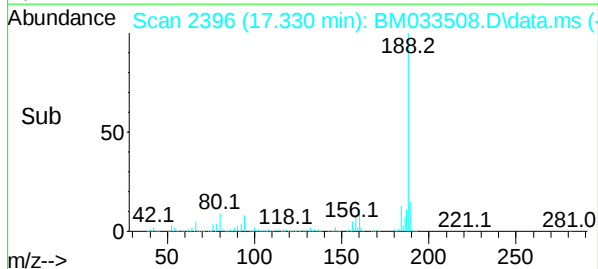
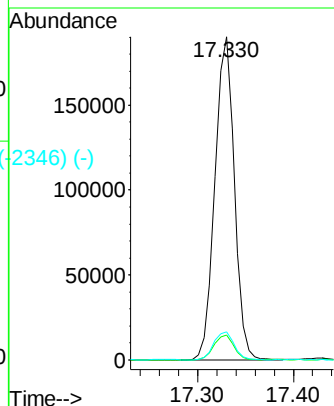
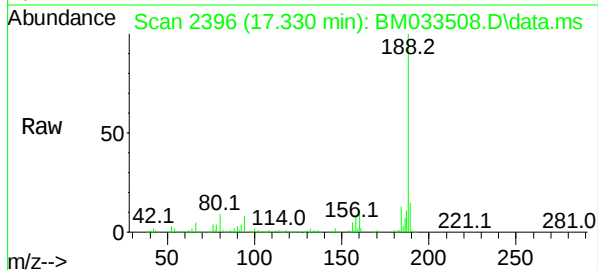
Tgt Ion:188 Resp: 267480

Ion Ratio Lower Upper

188 100

94 7.8 7.5 11.3

80 8.8 8.9 13.3#



(-3107) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.506 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

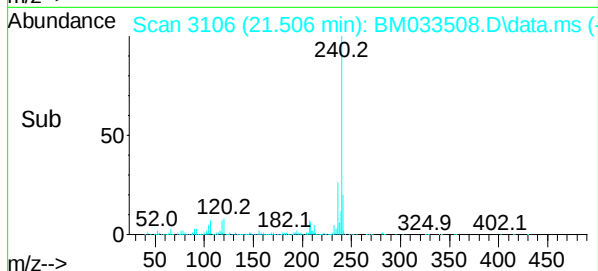
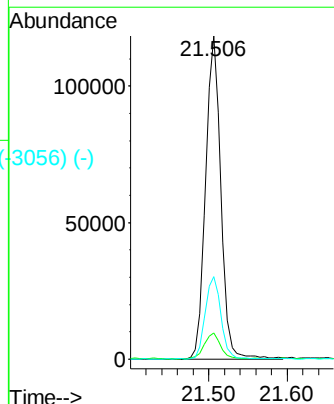
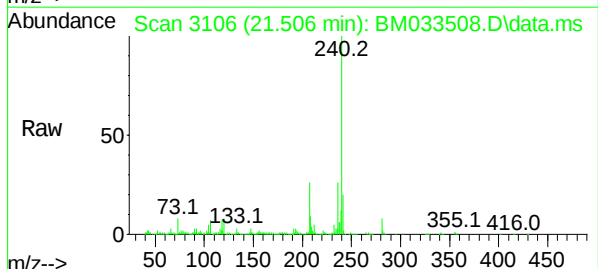
Tgt Ion:240 Resp: 160077

Ion Ratio Lower Upper

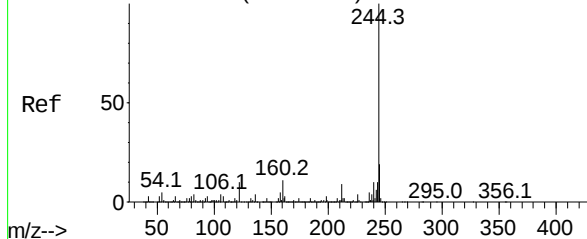
240 100

120 8.0 7.8 11.6

236 25.6 20.3 30.5



Abundance Scan 2842 (19.954 min): BM033484.D\data.ms (-279) (-)



Terphenyl-d14

Concen: 114.365 ng

RT: 19.953 min Scan#

Delta R.T. -0.001 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

Instrument :

BNA_M

ClientSampleId :

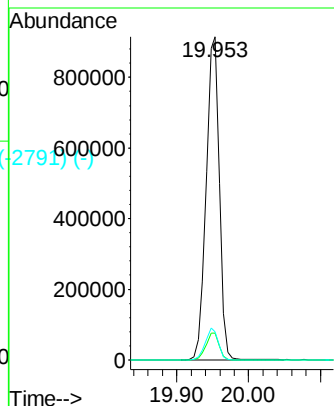
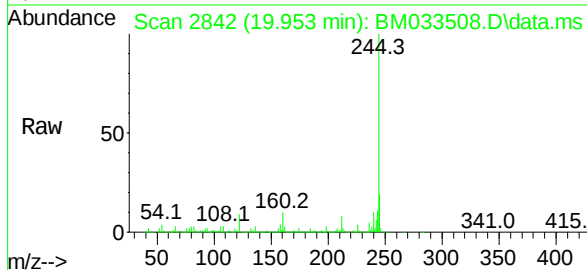
Tgt Ion:244 Resp: 1162854

Ion Ratio Lower Upper

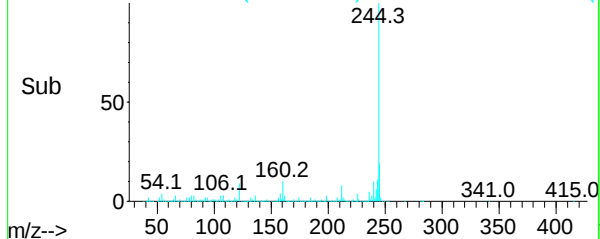
244 100

212 8.2 5.9 8.9

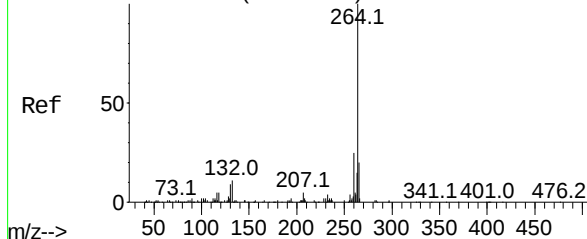
122 8.8 8.4 12.6



Abundance Scan 2842 (19.953 min): BM033508.D\data.ms (-279) (-)



Abundance Scan 3519 (23.936 min): BM033484.D\data.ms (-346) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. -0.018 min

Lab File: BM033508.D

Acq: 17 Dec 2021 16:28

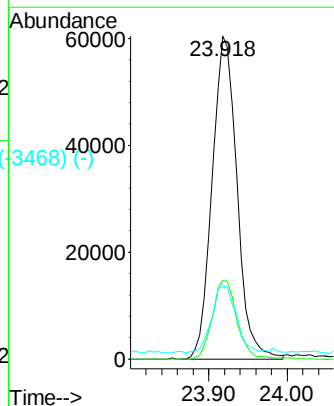
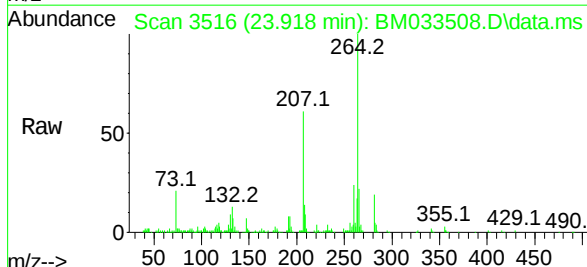
Tgt Ion:264 Resp: 132510

Ion Ratio Lower Upper

264 100

260 24.2 17.7 26.5

265 22.5 17.7 26.5



Abundance Scan 3516 (23.918 min): BM033508.D\data.ms (-346) (-)

