

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033509.D
 Acq On : 17 Dec 2021 17:04
 Operator : CG/JU
 Sample : M5051-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-2

Quant Time: Dec 18 04:52:49 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)

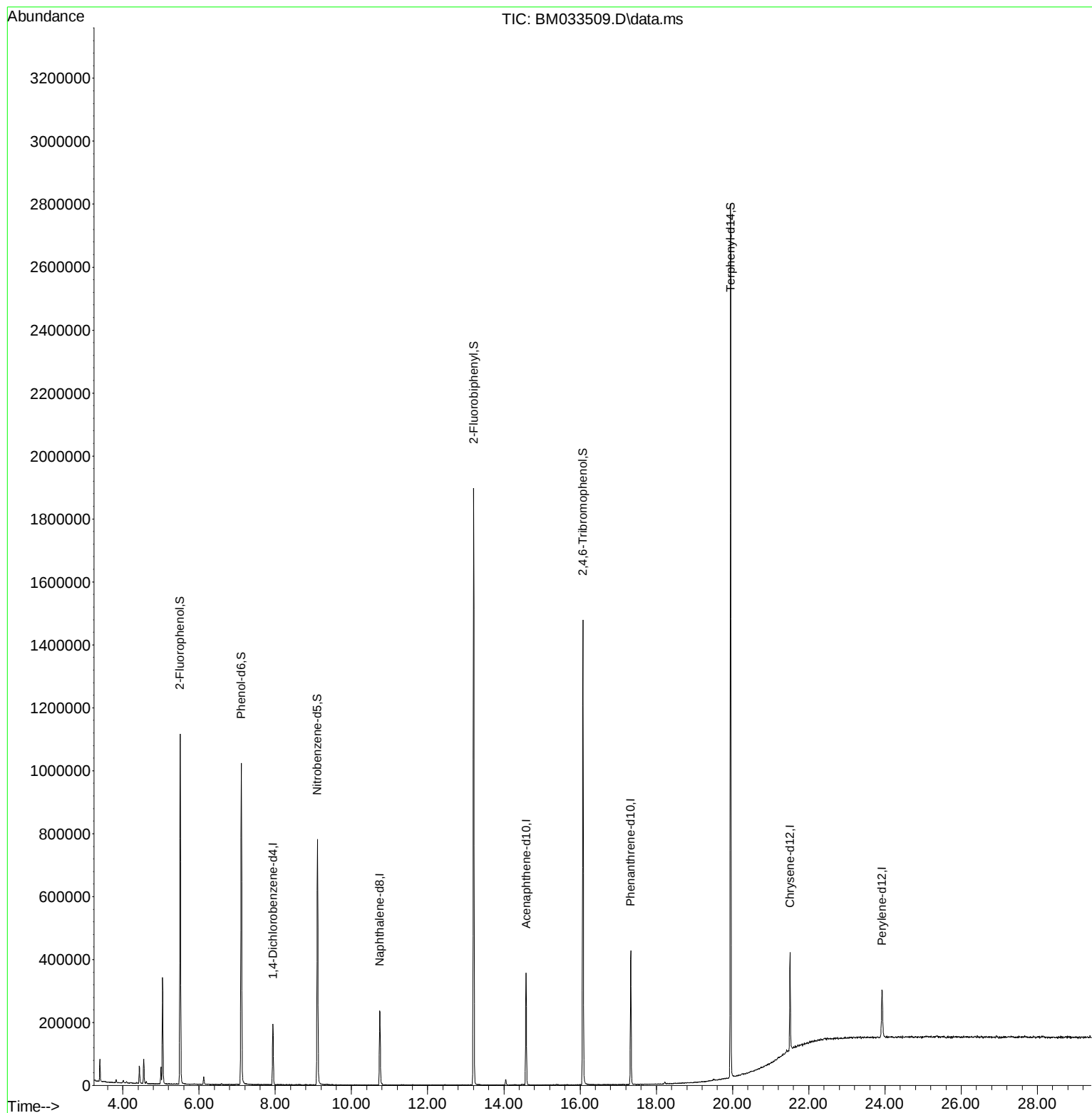
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	43152	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	178173	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	117924	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	238210	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	143970	20.000	ng	# 0.00
86) Perylene-d12	23.918	264	117020	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	372542	148.970	ng	0.00
7) Phenol-d6	7.107	99	457489	136.318	ng	0.00
23) Nitrobenzene-d5	9.107	82	418315	100.809	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	196571	148.186	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	852945	100.055	ng	0.00
79) Terphenyl-d14	19.948	244	1167638	127.683	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	59	Below Cal	#	1
9) Benzaldehyde	7.113	77	1328	Below Cal	#	7

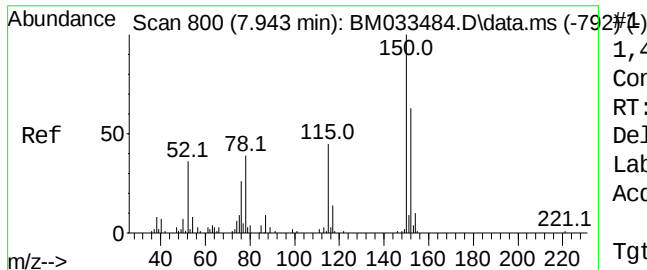
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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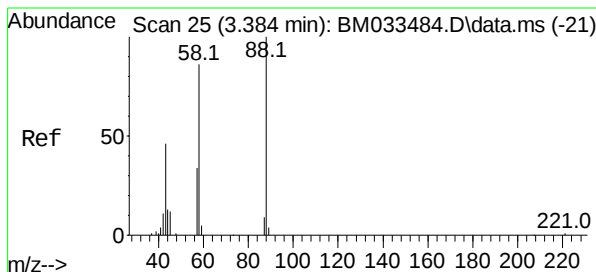
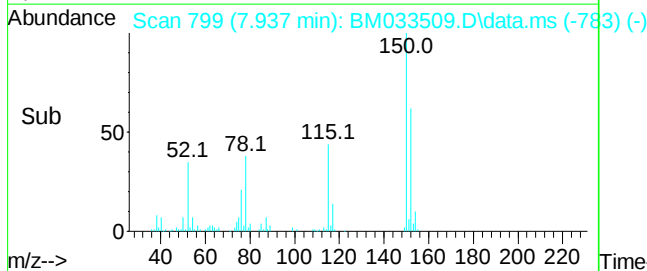
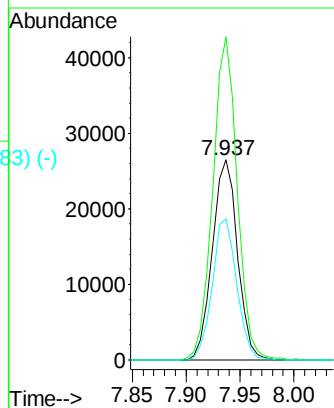
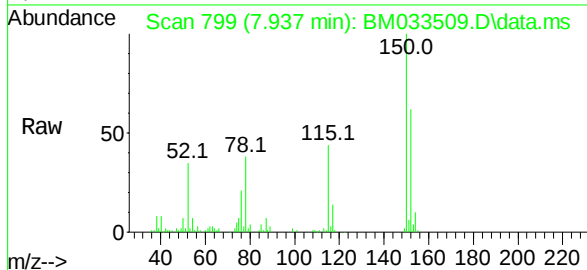




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan#
Delta R.T. -0.006 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

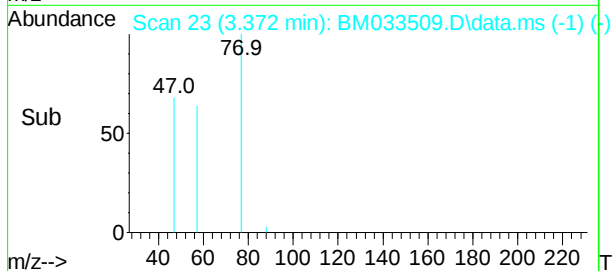
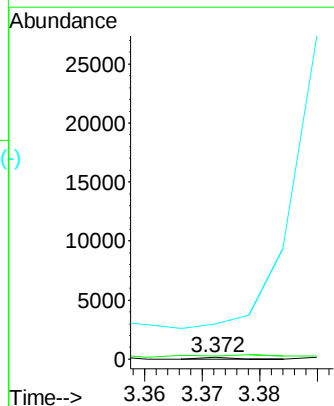
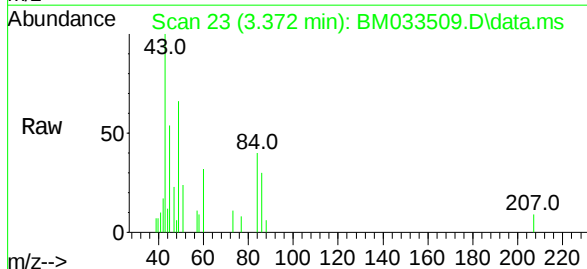
Instrument :
BNA_M
ClientSampleId :
P-2

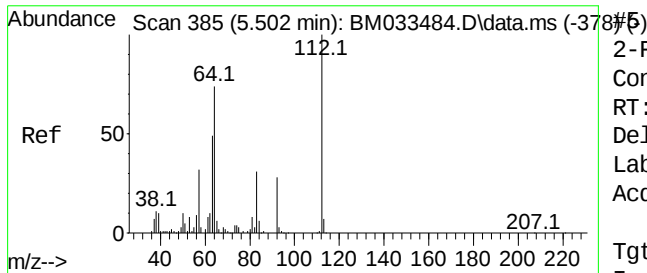
Tgt Ion:152 Resp: 43152
Ion Ratio Lower Upper
152 100
150 161.1 128.9 193.3
115 70.6 53.0 79.6



1,4-Dioxane
Concen: Below Cal
RT: 3.372 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM033509.D
Acq: 17 Dec 2021 17:04

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 415.3 67.0 100.4#
43 0.0 31.6 47.4#





2-Fluorophenol

Concen: 148.970 ng

RT: 5.502 min Scan#

Delta R.T. -0.000 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Instrument :

BNA_M

ClientSampleId :

P-2

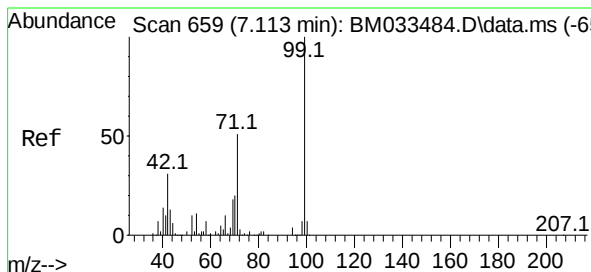
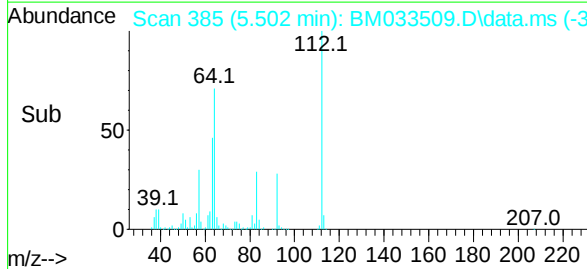
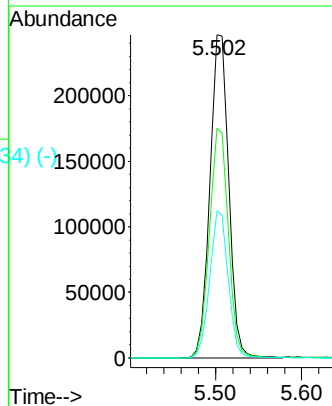
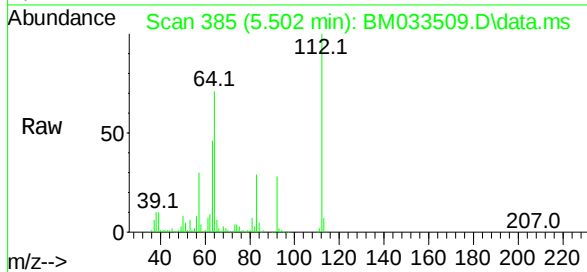
Tgt Ion:112 Resp: 372542

Ion Ratio Lower Upper

112 100

64 71.2 55.5 83.3

63 45.5 31.3 46.9



Phenol-d6

Concen: 136.318 ng

RT: 7.107 min Scan# 658

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

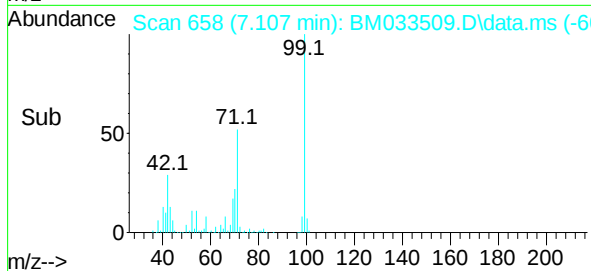
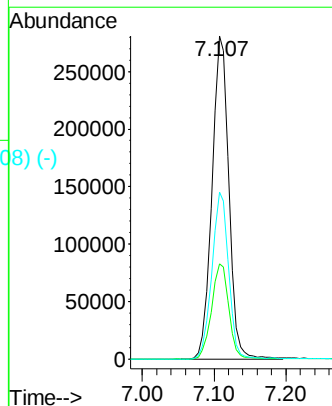
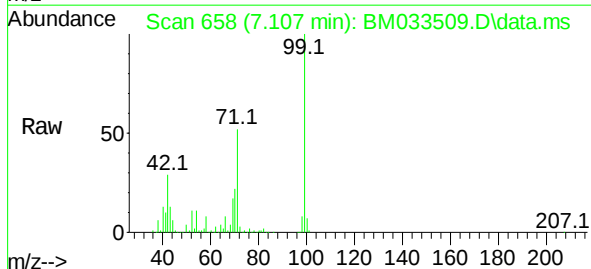
Tgt Ion: 99 Resp: 457489

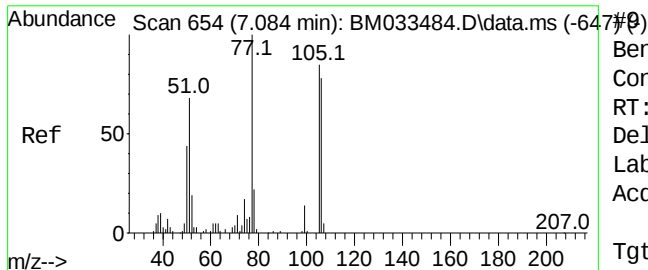
Ion Ratio Lower Upper

99 100

42 29.5 20.3 30.5

71 51.6 34.5 51.7





Benzaldehyde

Concen: Below Cal

RT: 7.113 min Scan# 1270

Delta R.T. 0.029 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Instrument :

BNA_M

ClientSampleId :

P-2

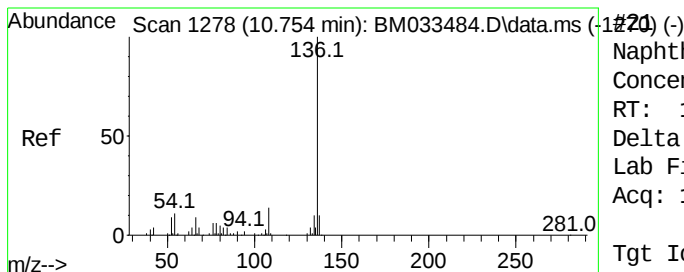
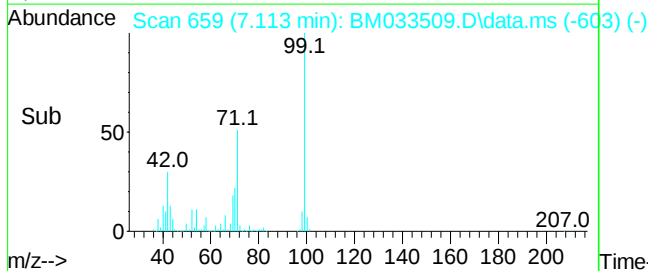
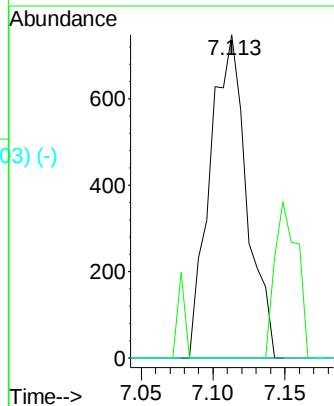
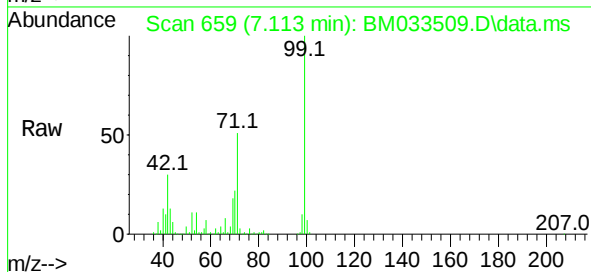
Tgt Ion: 77 Resp: 1328

Ion Ratio Lower Upper

77 100

105 0.0 67.1 107.1#

106 0.0 64.3 104.3#



Naphthalene-d8

Concen: 20.000 ng

RT: 10.742 min Scan# 1276

Delta R.T. -0.012 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Tgt Ion:136 Resp: 178173

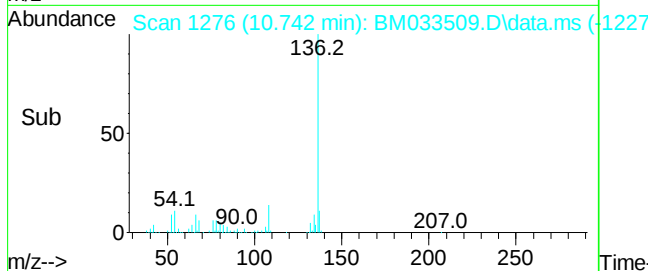
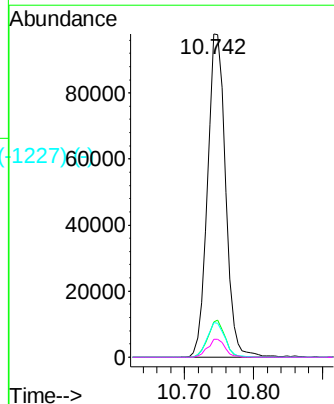
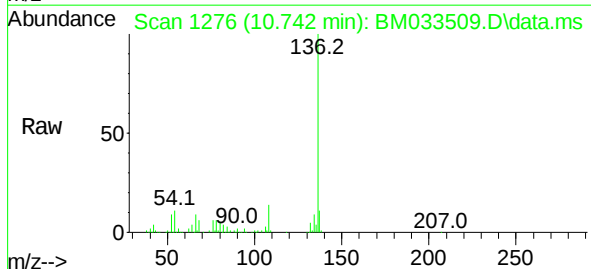
Ion Ratio Lower Upper

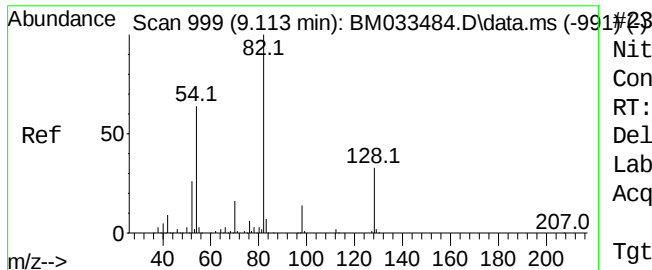
136 100

137 10.9 8.6 13.0

54 10.6 8.3 12.5

68 5.5 5.0 7.6





Nitrobenzene-d5

Concen: 100.809 ng

RT: 9.107 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Instrument :

BNA_M

ClientSampleId :

P-2

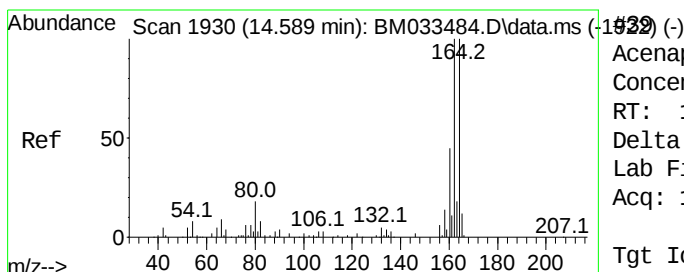
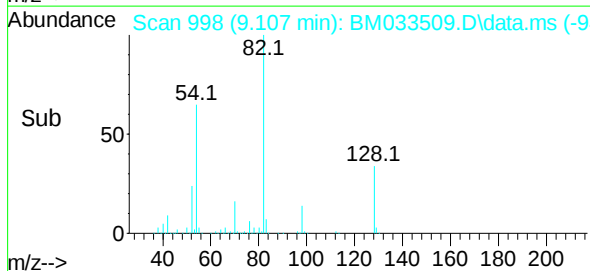
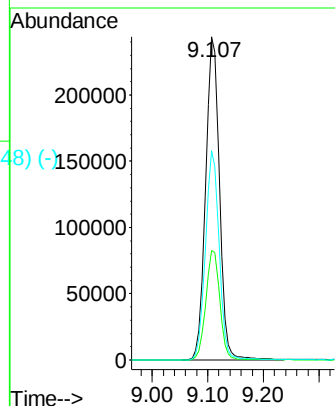
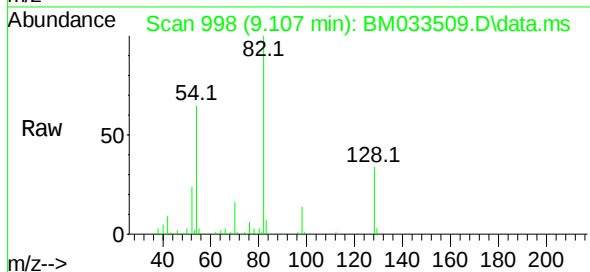
Tgt Ion: 82 Resp: 418315

Ion Ratio Lower Upper

82 100

128 33.8 28.1 42.1

54 64.8 46.1 69.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

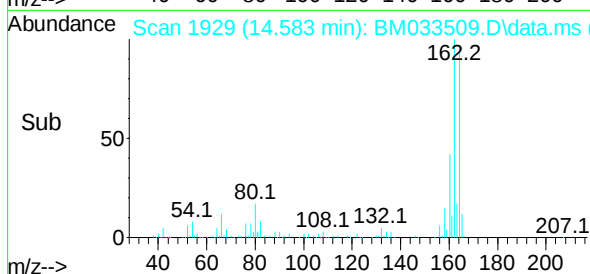
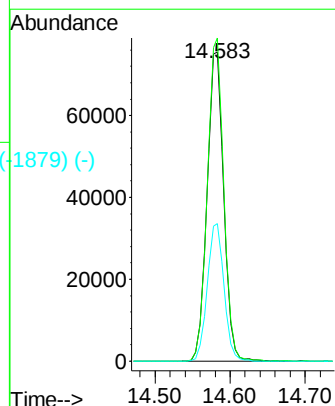
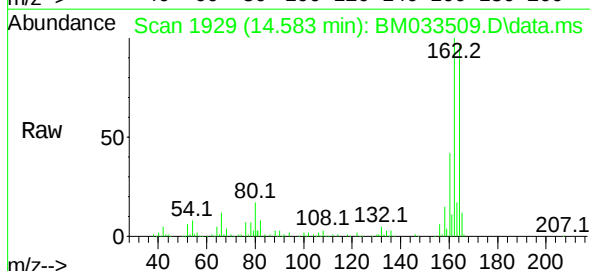
Tgt Ion:164 Resp: 117924

Ion Ratio Lower Upper

164 100

162 104.6 79.7 119.5

160 44.4 34.2 51.4



Abundance Scan 2183 (16.077 min): BM033484.D\data.ms (-2148) (-)

2,4,6-Tribromophenol

Concen: 148.186 ng

RT: 16.071 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BM033509.D

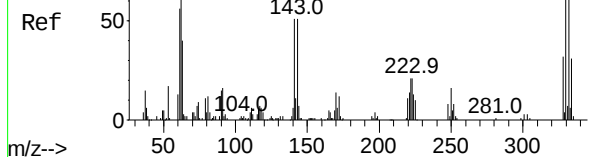
Acq: 17 Dec 2021 17:04

Instrument :

BNA_M

ClientSampleId :

P-2



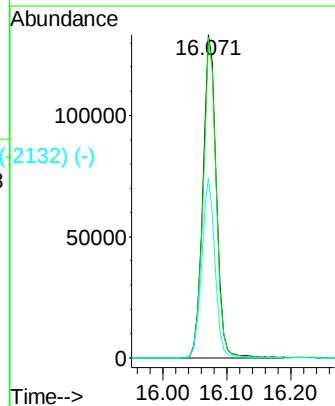
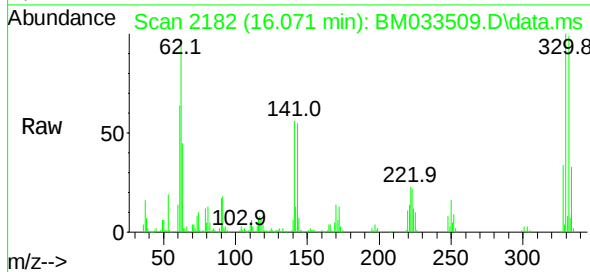
Tgt Ion:330 Resp: 196571

Ion Ratio Lower Upper

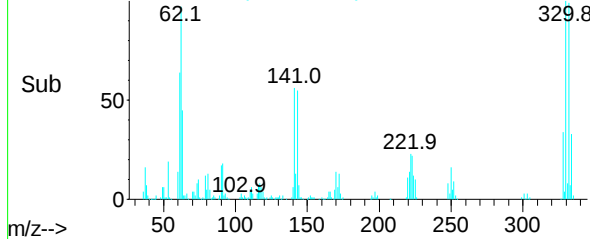
330 100

332 95.4 76.5 114.7

141 55.0 35.9 53.9#



Abundance Scan 2182 (16.071 min): BM033509.D\data.ms (-2132) (-)



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

2-Fluorobiphenyl

Concen: 100.055 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

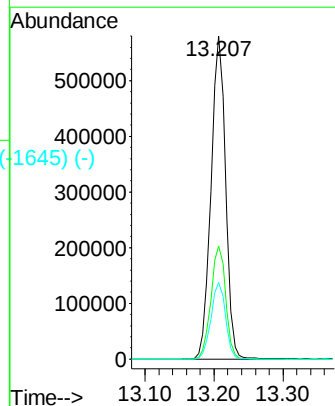
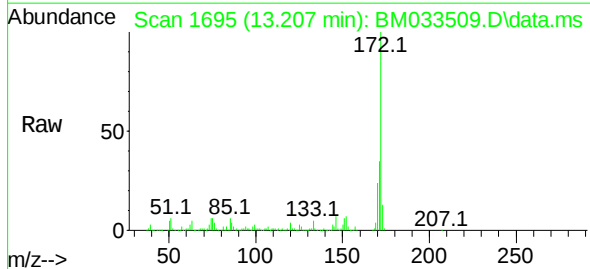
Tgt Ion:172 Resp: 852945

Ion Ratio Lower Upper

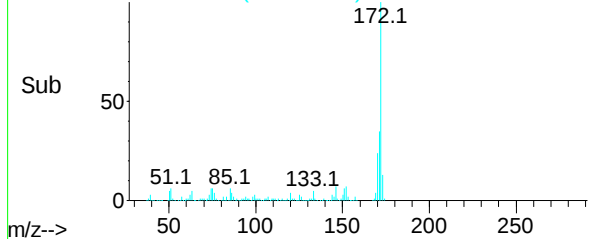
172 100

171 35.0 27.2 40.8

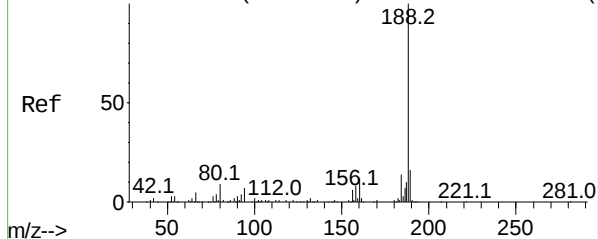
170 23.7 18.7 28.1



Abundance Scan 1695 (13.207 min): BM033509.D\data.ms (-1645) (-)



Abundance Scan 2397 (17.336 min): BM033484.D\data.ms (-2397) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2397

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Instrument :

BNA_M

ClientSampleId :

P-2

Tgt Ion:188 Resp: 238210

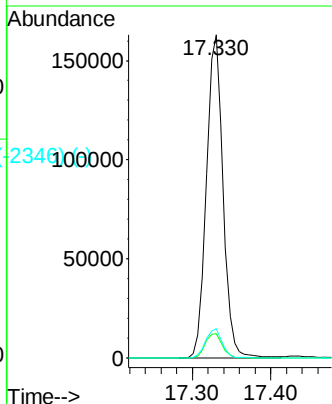
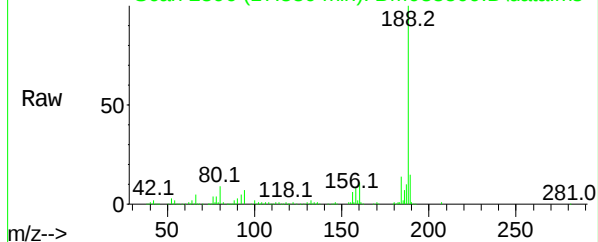
Ion Ratio Lower Upper

188 100

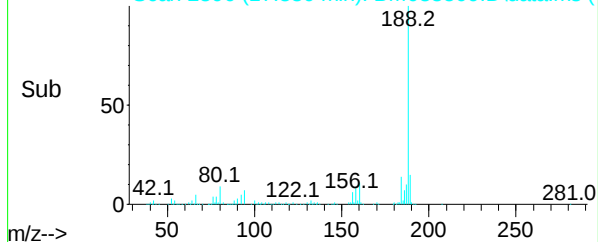
94 7.5 7.5 11.3#

80 9.2 8.9 13.3

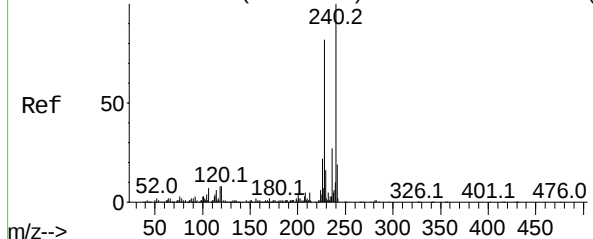
Abundance Scan 2396 (17.330 min): BM033509.D\data.ms (-2396) (-)



Abundance Scan 2396 (17.330 min): BM033509.D\data.ms (-2396) (-)



Abundance Scan 3107 (21.512 min): BM033484.D\data.ms (-3107) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.506 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Tgt Ion:240 Resp: 143970

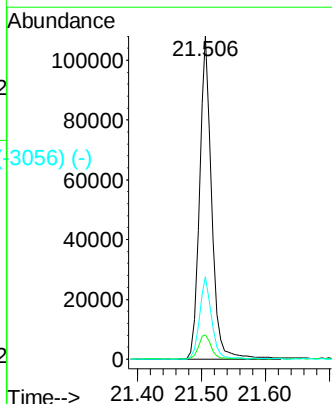
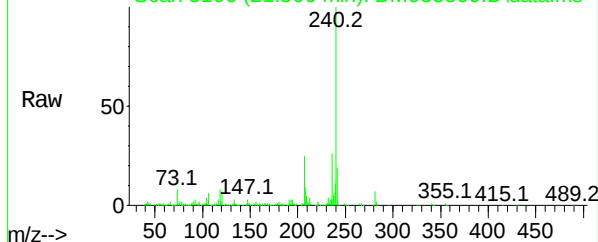
Ion Ratio Lower Upper

240 100

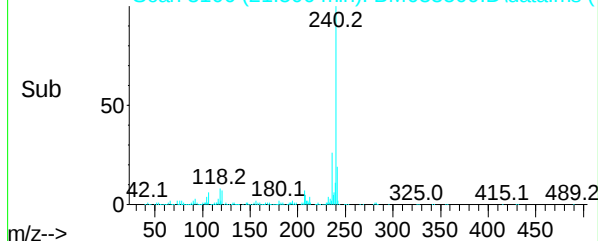
120 7.4 7.8 11.6#

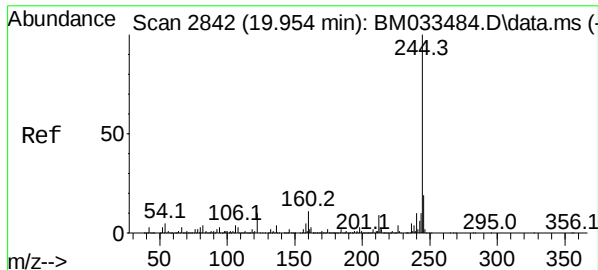
236 25.6 20.3 30.5

Abundance Scan 3106 (21.506 min): BM033509.D\data.ms (-3106) (-)



Abundance Scan 3106 (21.506 min): BM033509.D\data.ms (-3106) (-)





Terphenyl-d14

Concen: 127.683 ng

RT: 19.948 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Instrument :

BNA_M

ClientSampleId :

P-2

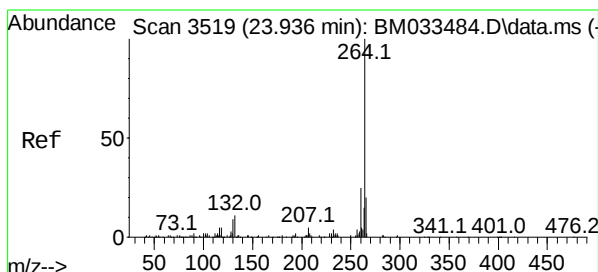
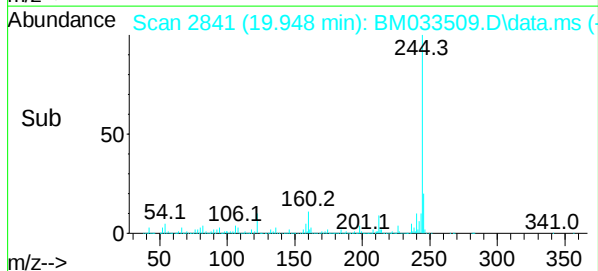
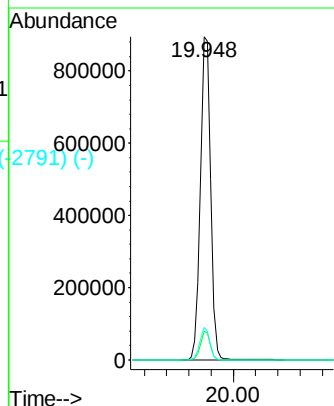
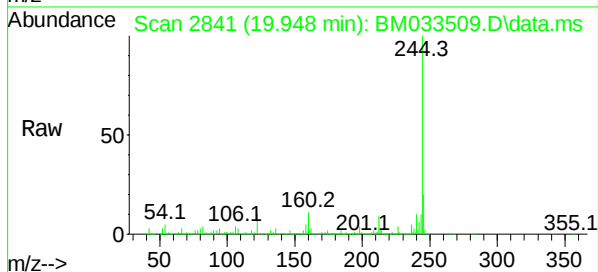
Tgt Ion:244 Resp: 1167638

Ion Ratio Lower Upper

244 100

212 8.8 5.9 8.9

122 10.0 8.4 12.6



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. -0.018 min

Lab File: BM033509.D

Acq: 17 Dec 2021 17:04

Tgt Ion:264 Resp: 117020

Ion Ratio Lower Upper

264 100

260 26.2 17.7 26.5

265 23.8 17.7 26.5

