

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033506.D
 Acq On : 17 Dec 2021 15:12
 Operator : CG/JU
 Sample : M5064-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 18 04:51:17 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)

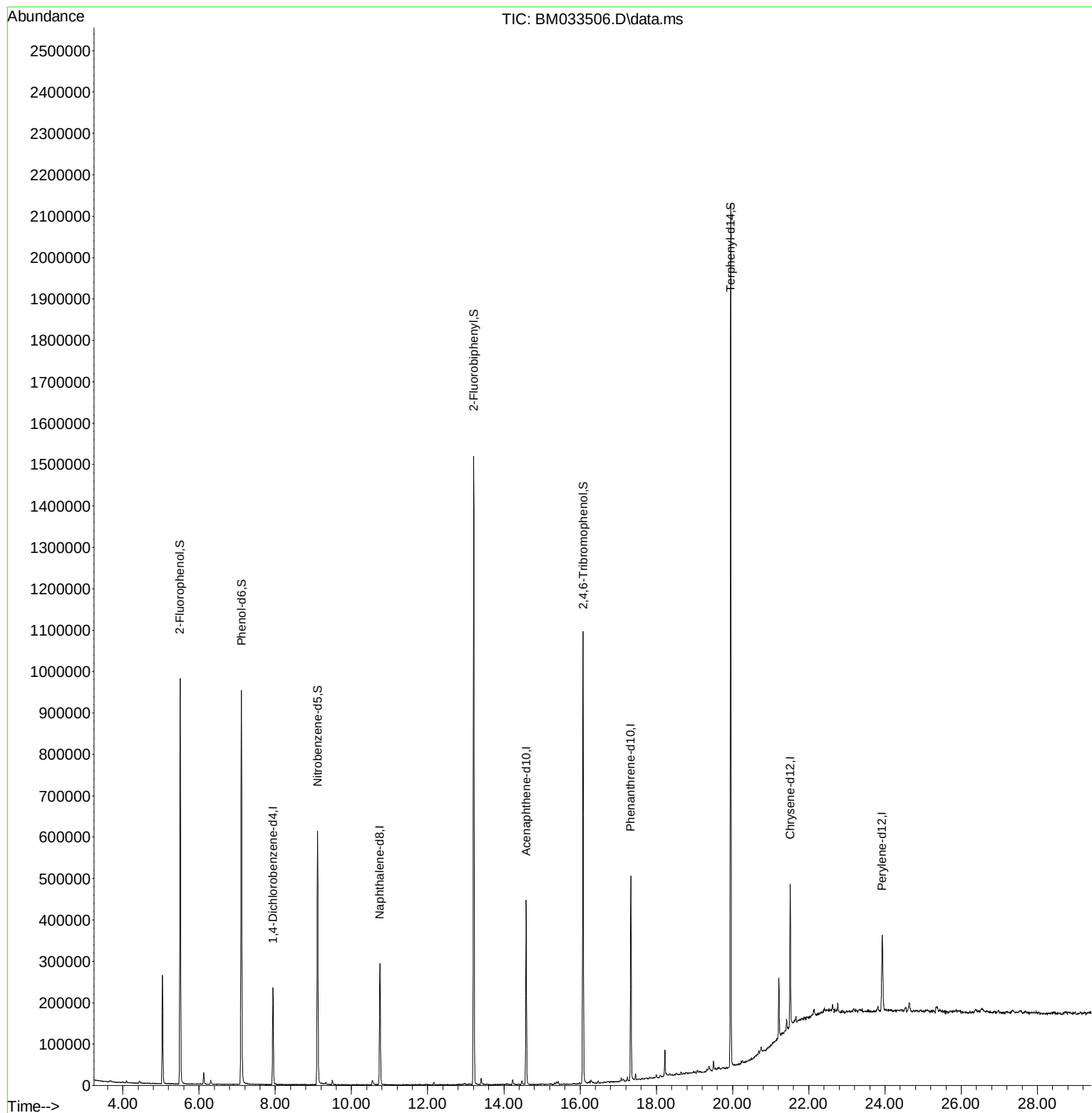
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	52080	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	211472	20.000	ng	# 0.00
39) Acenaphthene-d10	14.583	164	140650	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	272199	20.000	ng	0.00
76) Chrysene-d12	21.512	240	160538	20.000	ng	# 0.00
86) Perylene-d12	23.924	264	138744	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	334012	110.667	ng	0.00
7) Phenol-d6	7.113	99	440307	108.707	ng	0.00
23) Nitrobenzene-d5	9.113	82	341029	69.243	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	151455	95.727	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	696434	68.495	ng	0.00
79) Terphenyl-d14	19.954	244	838426	82.221	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.384	88	217	Below Cal	#	17
9) Benzaldehyde	7.113	77	1381	Below Cal	#	7

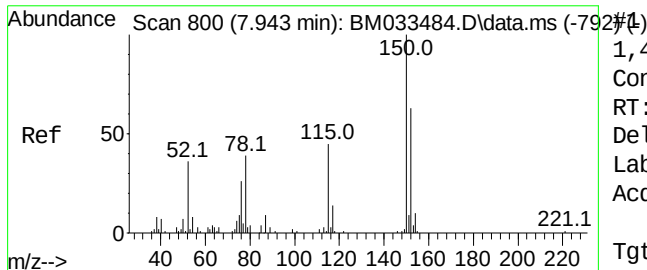
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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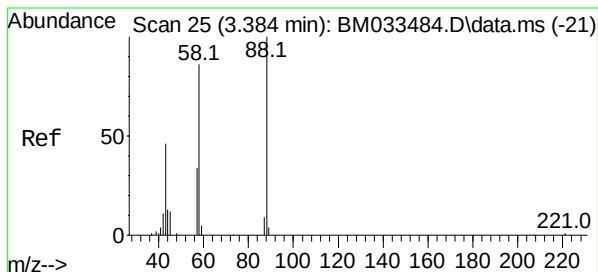
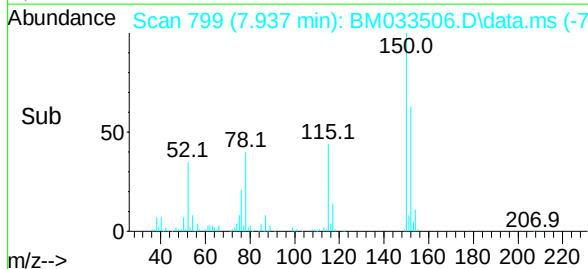
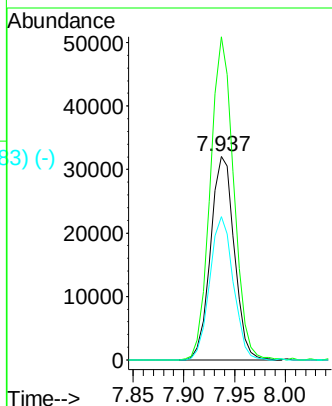
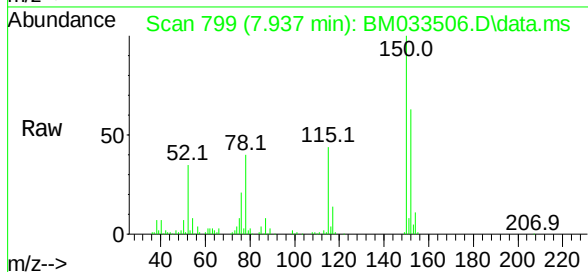




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan#
Delta R.T. -0.006 min
Lab File: BM033506.D
Acq: 17 Dec 2021 15:12

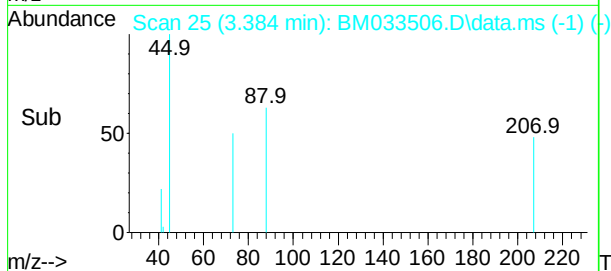
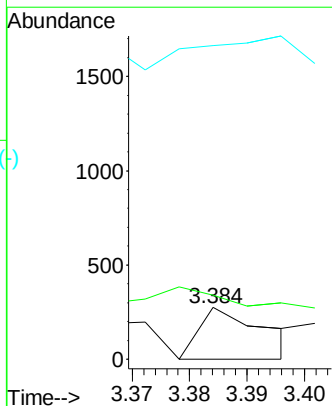
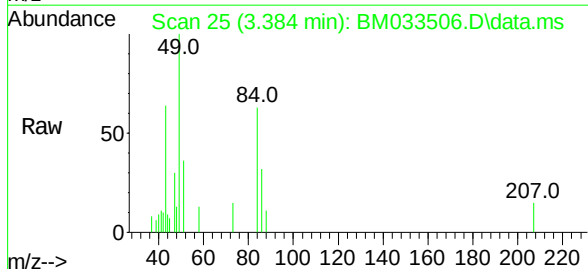
Instrument :
BNA_M
ClientSampleId :

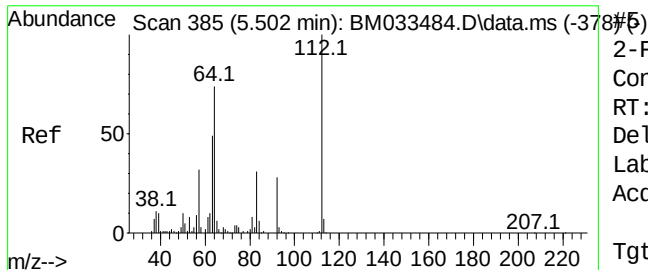
Tgt Ion:152 Resp: 52080
Ion Ratio Lower Upper
152 100
150 158.6 128.9 193.3
115 70.3 53.0 79.6



1,4-Dioxane
Concen: Below Cal
RT: 3.384 min Scan# 25
Delta R.T. 0.000 min
Lab File: BM033506.D
Acq: 17 Dec 2021 15:12

Tgt Ion: 88 Resp: 217
Ion Ratio Lower Upper
88 100
58 0.0 67.0 100.4#
43 0.0 31.6 47.4#





2-Fluorophenol

Concen: 110.667 ng

RT: 5.502 min Scan# 1

Delta R.T. -0.000 min

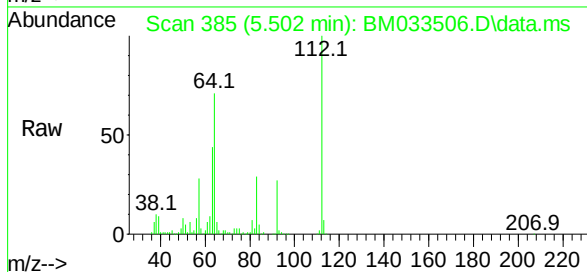
Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :



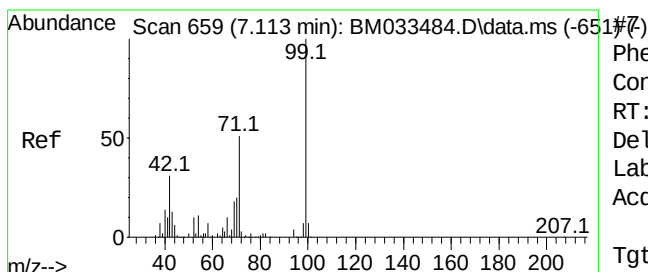
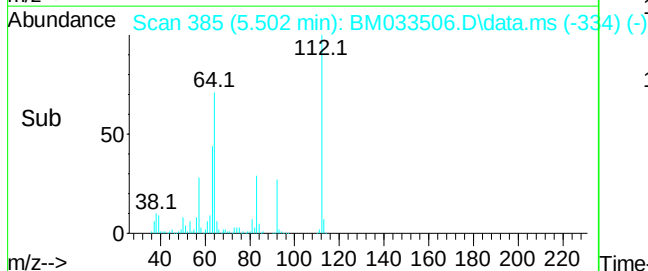
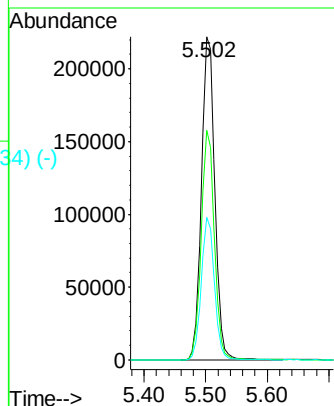
Tgt Ion:112 Resp: 334012

Ion Ratio Lower Upper

112 100

64 71.2 55.5 83.3

63 44.2 31.3 46.9



Phenol-d6

Concen: 108.707 ng

RT: 7.113 min Scan# 659

Delta R.T. 0.000 min

Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

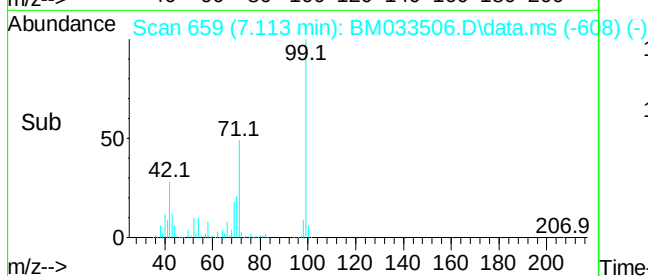
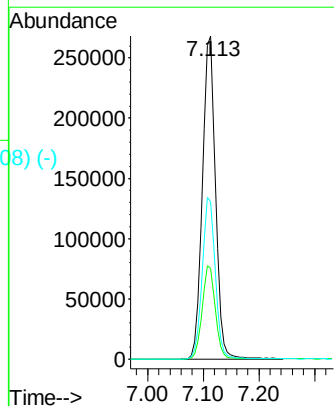
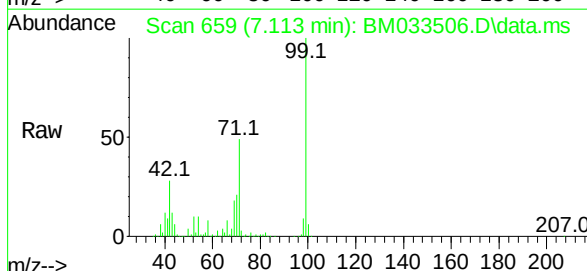
Tgt Ion: 99 Resp: 440307

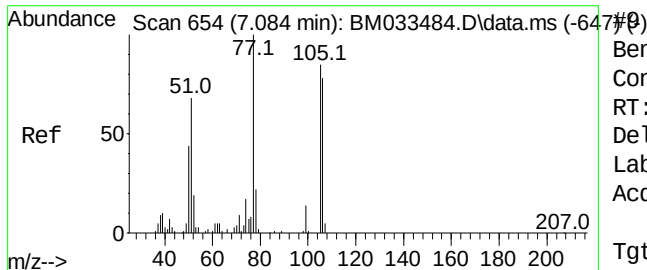
Ion Ratio Lower Upper

99 100

42 28.1 20.3 30.5

71 48.6 34.5 51.7





Benzaldehyde

Concen: Below Cal

RT: 7.113 min Scan# 1

Delta R.T. 0.029 min

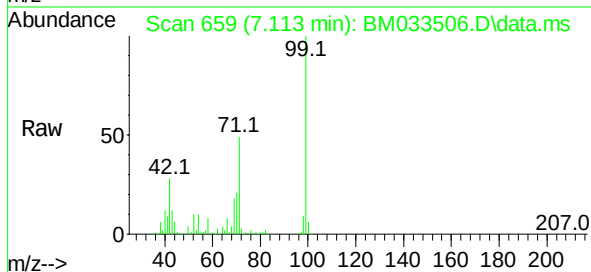
Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :



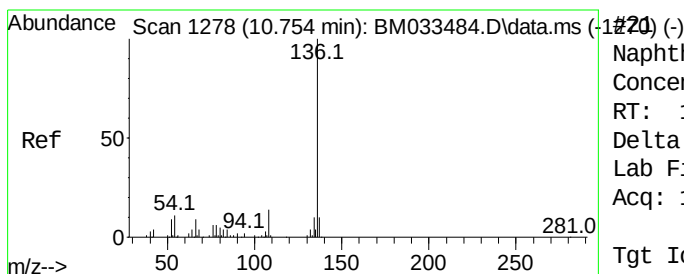
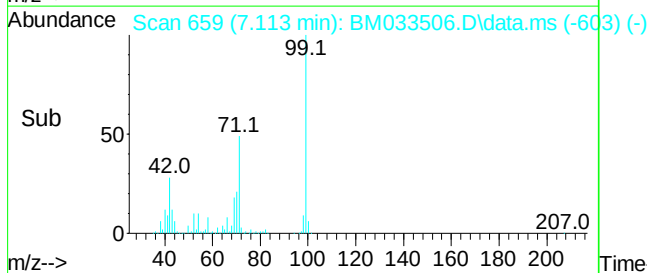
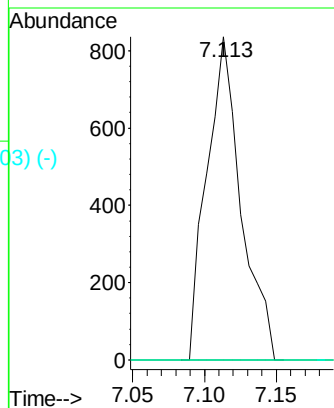
Tgt Ion: 77 Resp: 1381

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: 10.748 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

Tgt Ion: 136 Resp: 211472

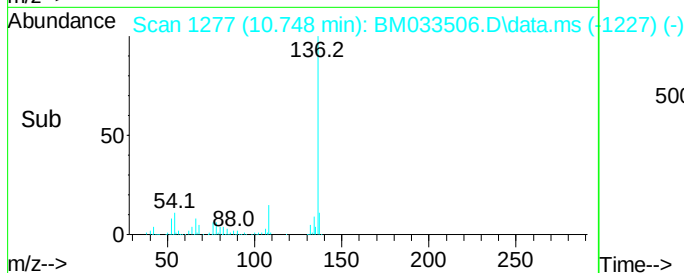
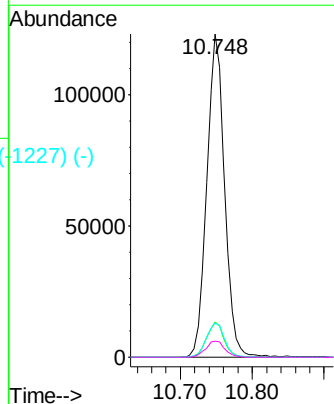
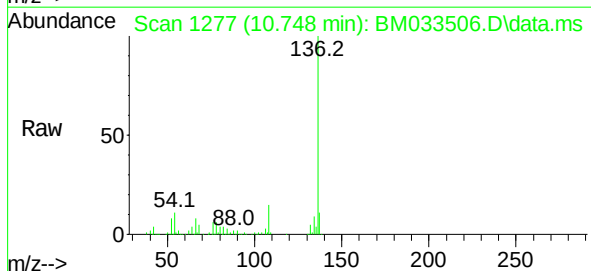
Ion Ratio Lower Upper

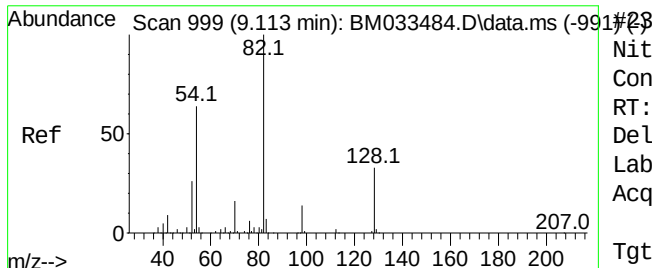
136 100

137 10.9 8.6 13.0

54 10.5 8.3 12.5

68 5.0 5.0 7.6#





Nitrobenzene-d5

Concen: 69.243 ng

RT: 9.113 min Scan# 999

Delta R.T. 0.000 min

Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :

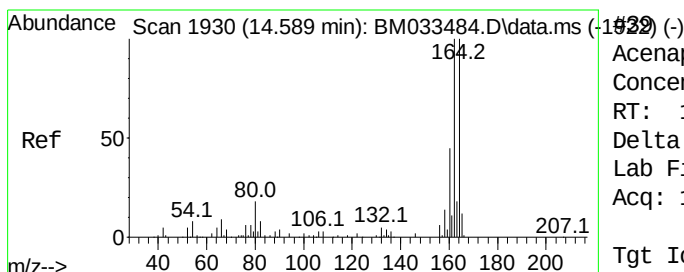
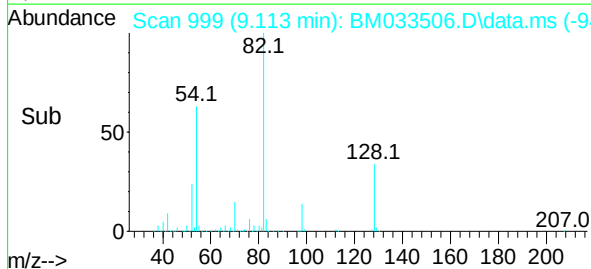
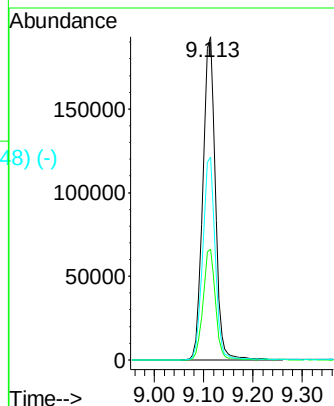
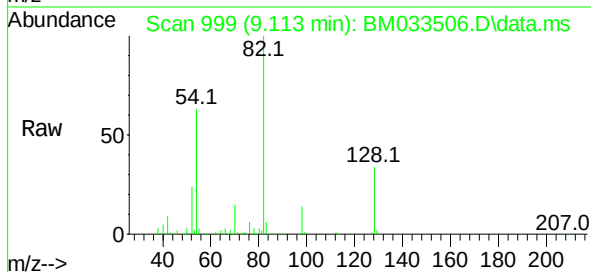
Tgt Ion: 82 Resp: 341029

Ion Ratio Lower Upper

82 100

128 34.3 28.1 42.1

54 62.7 46.1 69.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

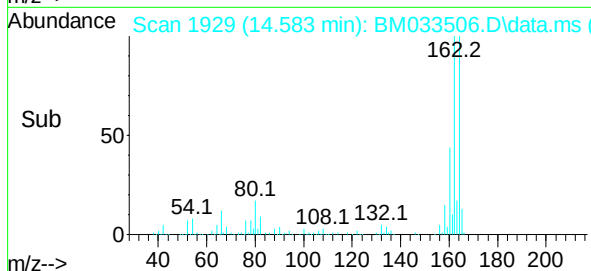
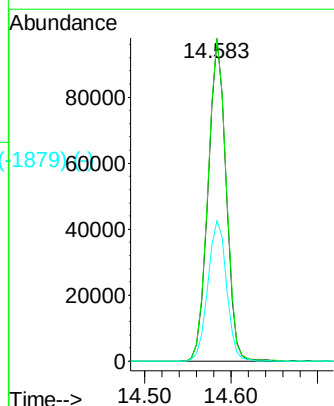
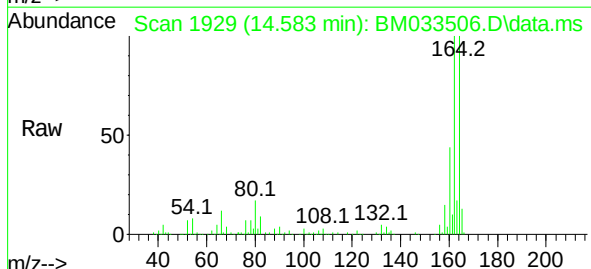
Tgt Ion: 164 Resp: 140650

Ion Ratio Lower Upper

164 100

162 100.1 79.7 119.5

160 43.7 34.2 51.4



Abundance Scan 2183 (16.077 min): BM033484.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 95.727 ng

RT: 16.077 min Scan# 2183

Delta R.T. 0.000 min

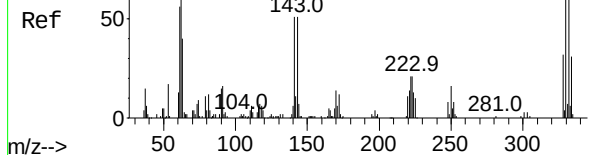
Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :



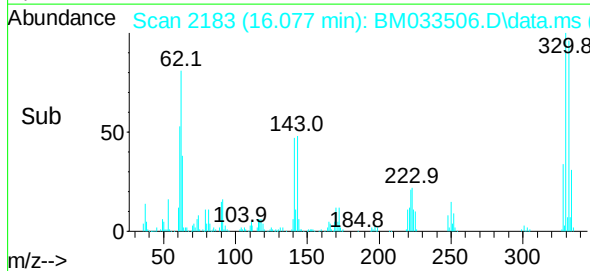
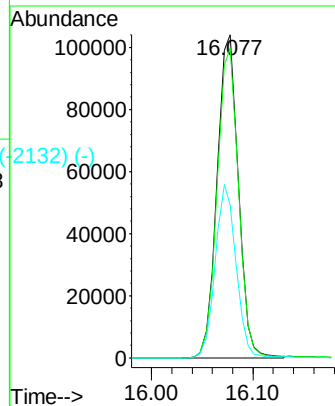
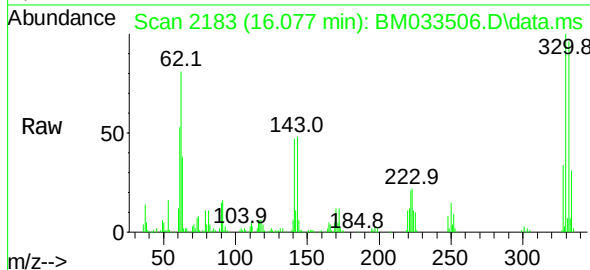
Tgt Ion:330 Resp: 151455

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 52.9 35.9 53.9



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

2-Fluorobiphenyl

Concen: 68.495 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

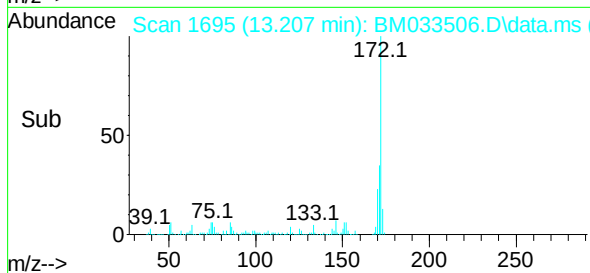
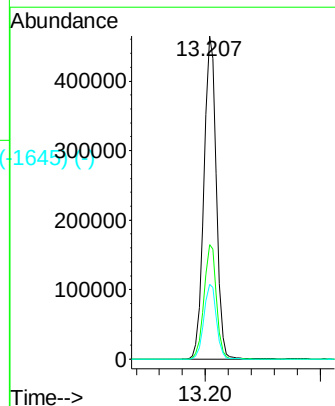
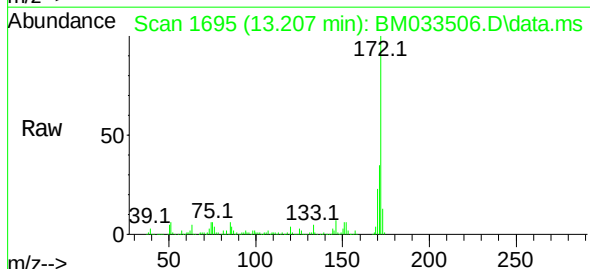
Tgt Ion:172 Resp: 696434

Ion Ratio Lower Upper

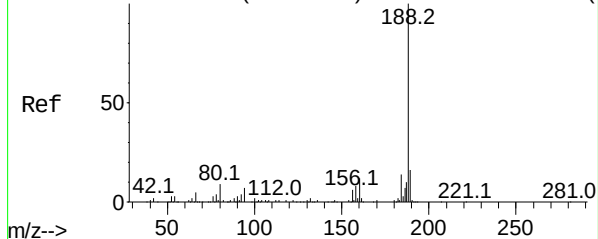
172 100

171 35.4 27.2 40.8

170 23.1 18.7 28.1



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: BM033506.D

Acq: 17 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:188 Resp: 272199

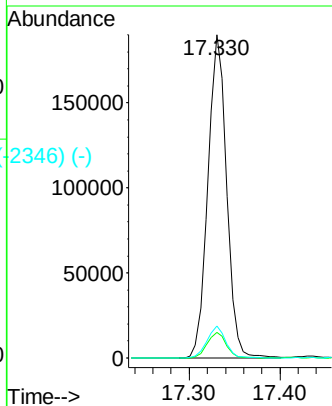
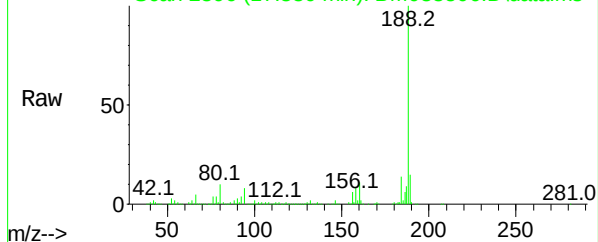
Ion Ratio Lower Upper

188 100

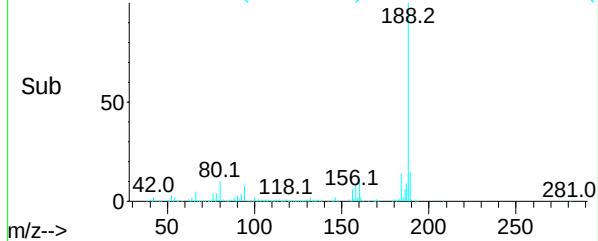
94 8.0 7.5 11.3

80 9.9 8.9 13.3

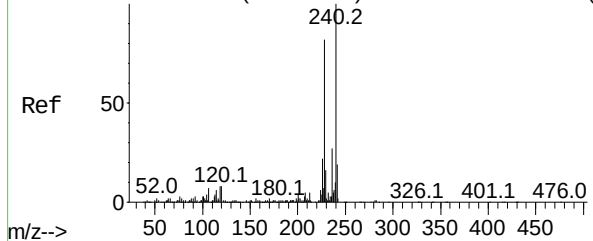
Abundance Scan 2396 (17.330 min): BM033506.D\data.ms (-2396) (-)



Abundance Scan 2396 (17.330 min): BM033506.D\data.ms (-2396) (-)



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



Chrysene-d12

Concen: 20.000 ng

RT: 21.512 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM033506.D

Acq: 17 Dec 2021 15:12

Tgt Ion:240 Resp: 160538

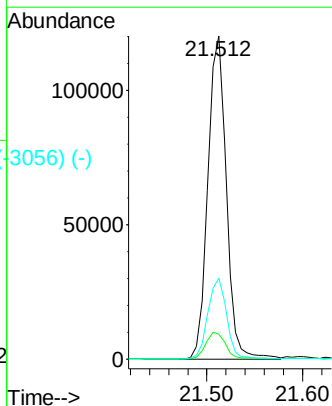
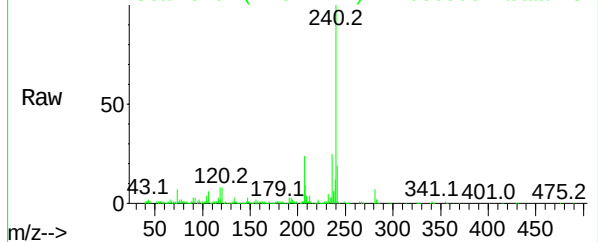
Ion Ratio Lower Upper

240 100

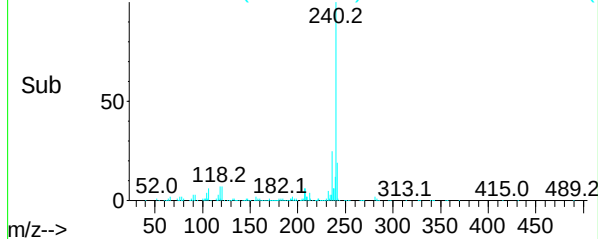
120 7.7 7.8 11.6#

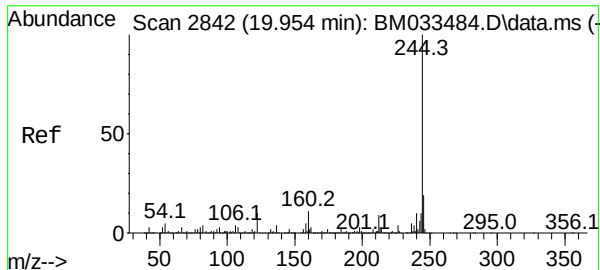
236 25.2 20.3 30.5

Abundance Scan 3107 (21.512 min): BM033506.D\data.ms (-3107) (-)



Abundance Scan 3107 (21.512 min): BM033506.D\data.ms (-3107) (-)

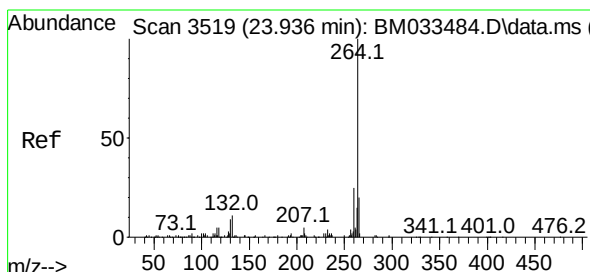
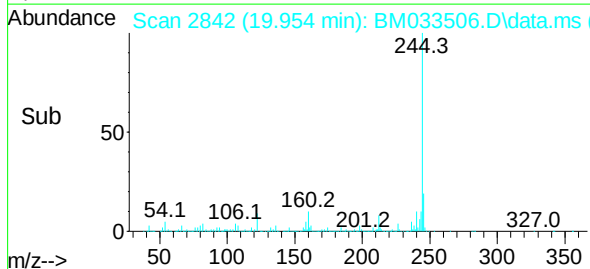
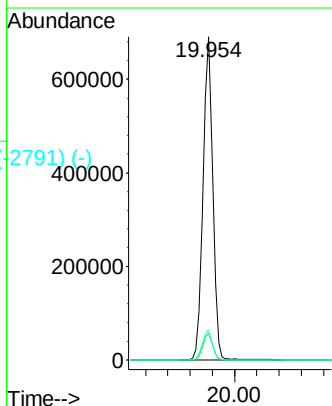
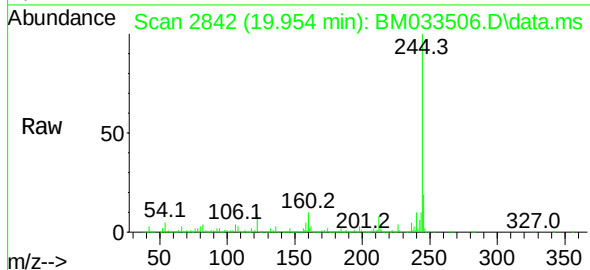




Terphenyl-d14
 Concen: 82.221 ng
 RT: 19.954 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: BM033506.D
 Acq: 17 Dec 2021 15:12

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	244	Resp:	838426
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	9.2	8.4	12.6



Perylene-d12
 Concen: 20.000 ng
 RT: 23.924 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM033506.D
 Acq: 17 Dec 2021 15:12

Tgt Ion:	264	Resp:	138744
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.7	26.5
265	23.5	17.7	26.5

