

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045668.D
 Acq On : 02 May 2024 12:42
 Operator : MA/JU
 Sample : P2252-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 13:13:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 06:17:41 2024
 Response via : Initial Calibration

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

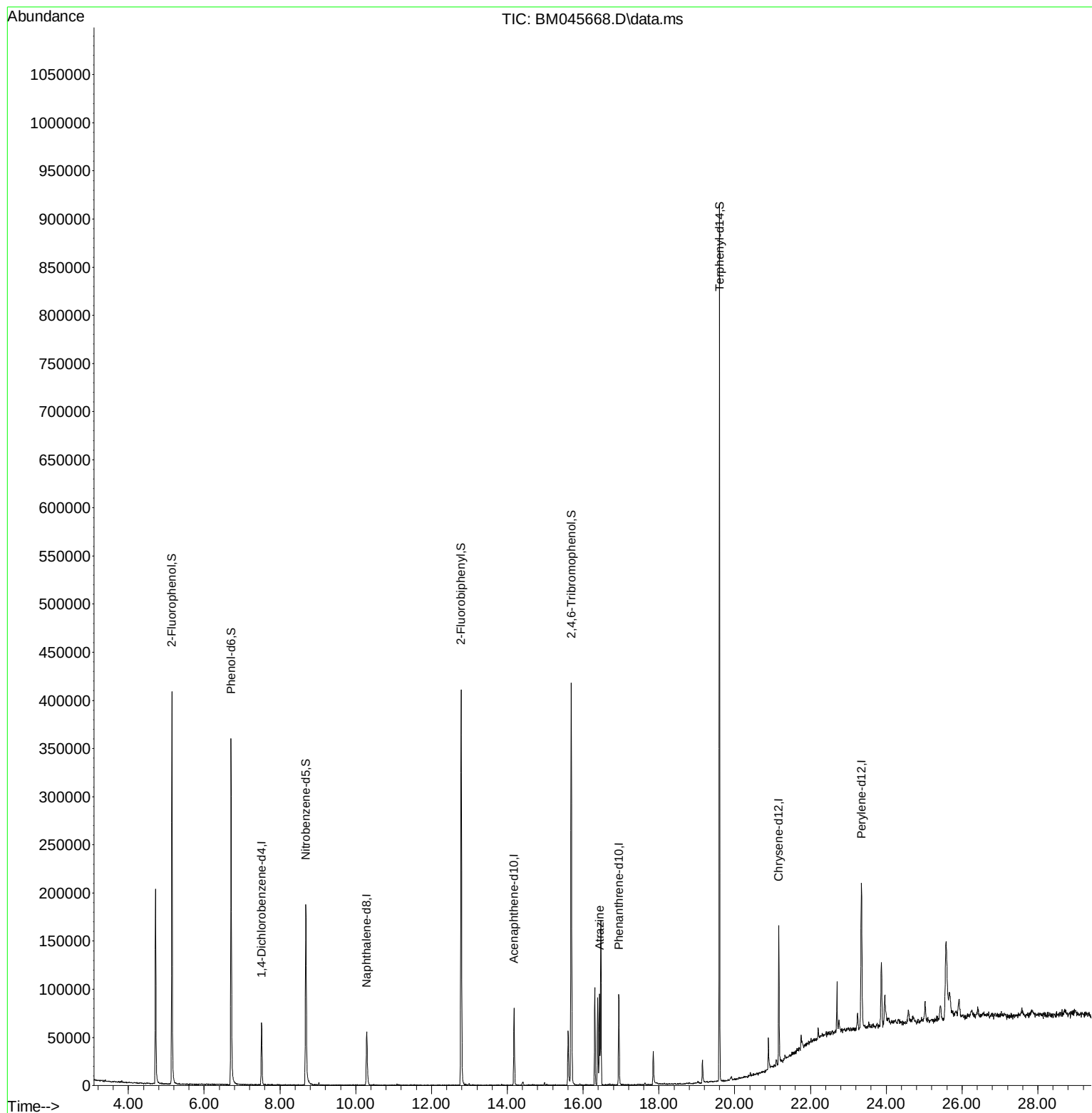
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	14456	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	51126	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	26524	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	51340	20.000	ng	0.00
76) Chrysene-d12	21.162	240	65418	20.000	ng	0.00
86) Perylene-d12	23.344	264	106725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	149527	153.299	ng	0.00
7) Phenol-d6	6.710	99	169345	147.807	ng	0.00
23) Nitrobenzene-d5	8.681	82	111093	100.972	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	47553	156.211	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	185898	95.567	ng	0.00
79) Terphenyl-d14	19.598	244	303753	97.205	ng	0.00
Target Compounds						
69) Atrazine	16.433	200	14401	34.974	ng	Qvalue 99

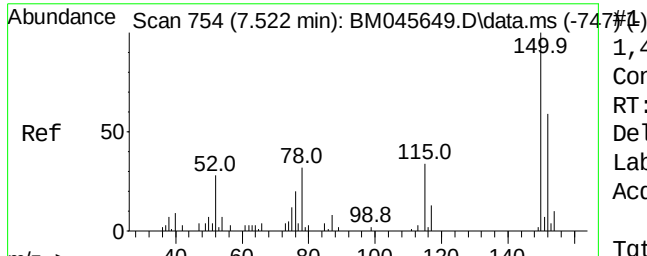
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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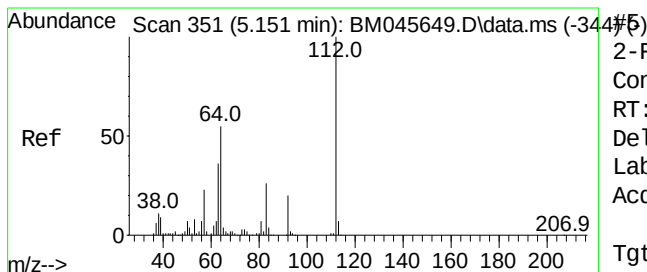
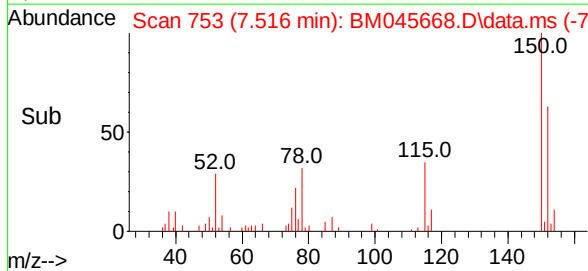
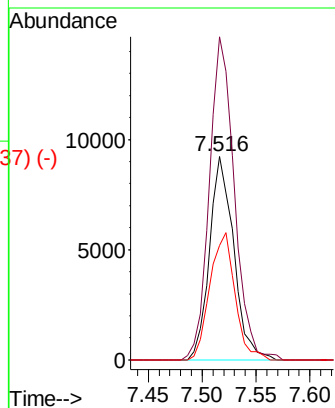
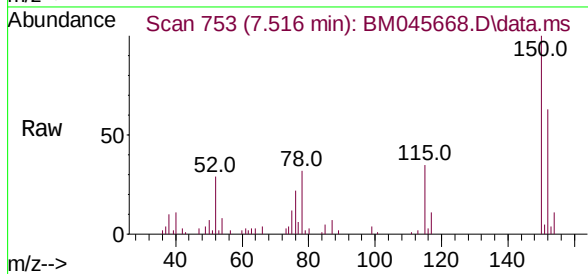




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.516 min Scan#
 Delta R.T. -0.006 min
 Lab File: BM045668.D
 Acq: 02 May 2024 12:42

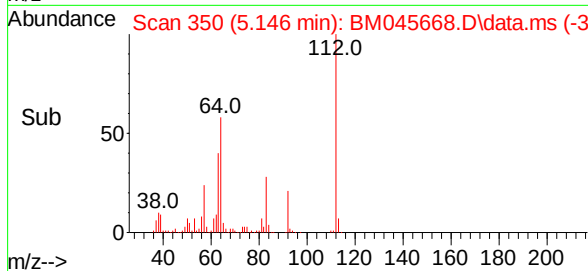
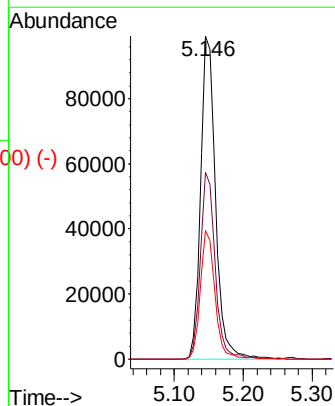
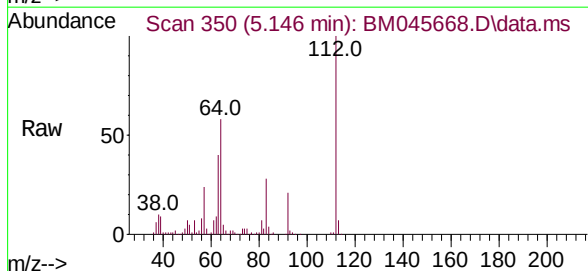
Instrument :
 BNA_M
 ClientSampleId :

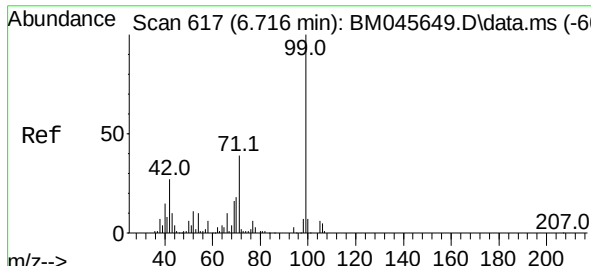
Tgt Ion:152 Resp: 14456
 Ion Ratio Lower Upper
 152 100
 150 158.6 136.3 204.5
 115 56.3 46.1 69.1



2-Fluorophenol
 Concen: 153.299 ng
 RT: 5.146 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: BM045668.D
 Acq: 02 May 2024 12:42

Tgt Ion:112 Resp: 149527
 Ion Ratio Lower Upper
 112 100
 64 57.8 44.1 66.1
 63 39.8 29.1 43.7





Phenol-d6

Concen: 147.807 ng

RT: 6.710 min Scan#

Delta R.T. -0.006 min

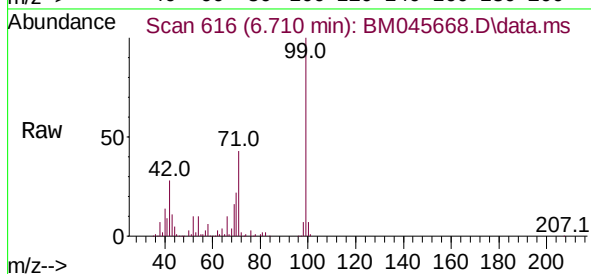
Lab File: BM045668.D

Acq: 02 May 2024 12:42

Instrument :

BNA_M

ClientSampleId :



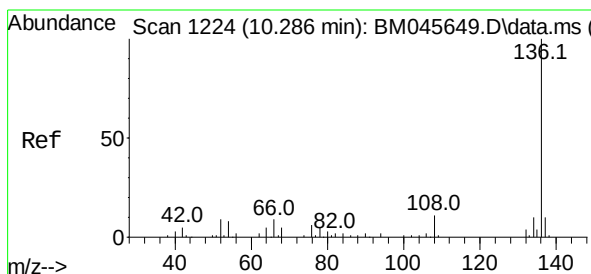
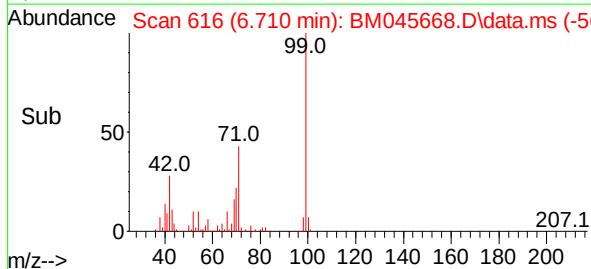
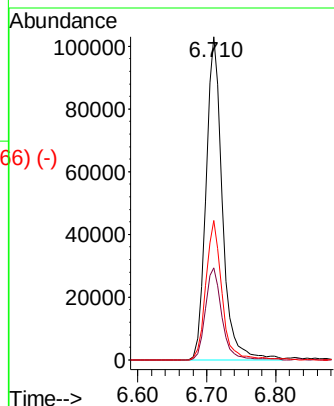
Tgt Ion: 99 Resp: 169345

Ion Ratio Lower Upper

99 100

42 28.5 21.4 32.0

71 43.1 31.4 47.2



Naphthalene-d8

Concen: 20.000 ng

RT: 10.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

Tgt Ion: 136 Resp: 51126

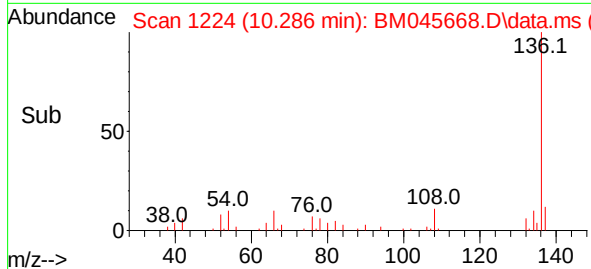
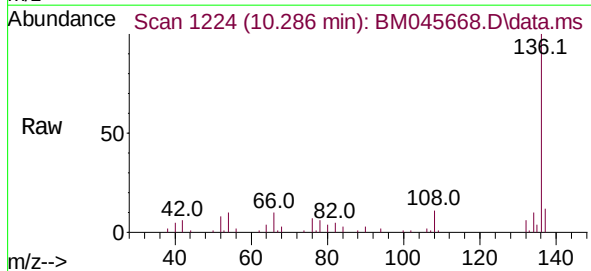
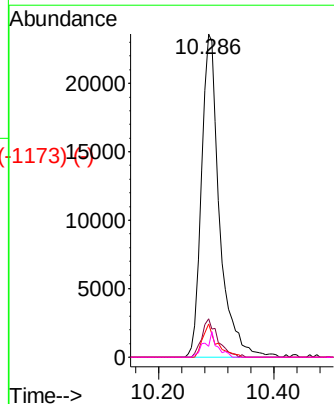
Ion Ratio Lower Upper

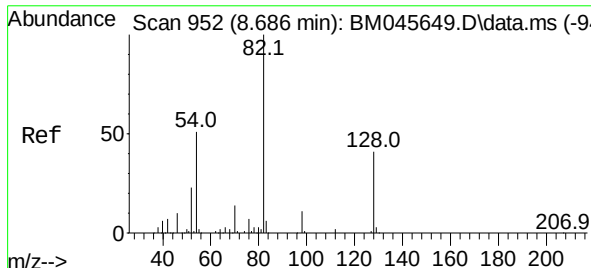
136 100

137 12.0 7.8 11.6#

54 10.3 6.6 9.8#

68 3.3 4.2 6.2#





Nitrobenzene-d5

Concen: 100.972 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

Instrument :

BNA_M

ClientSampleId :

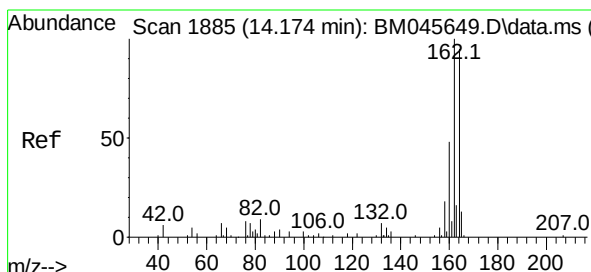
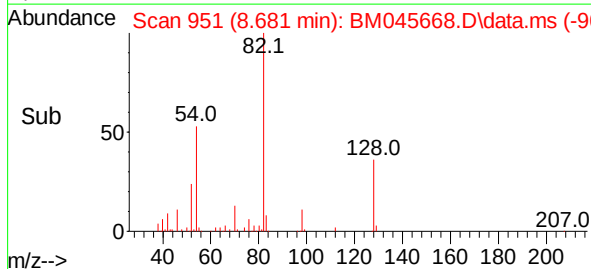
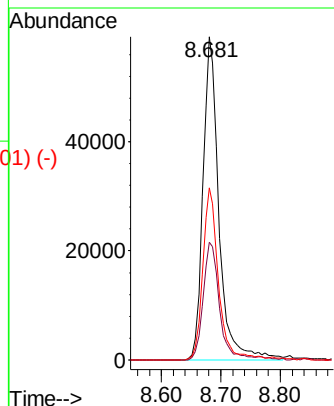
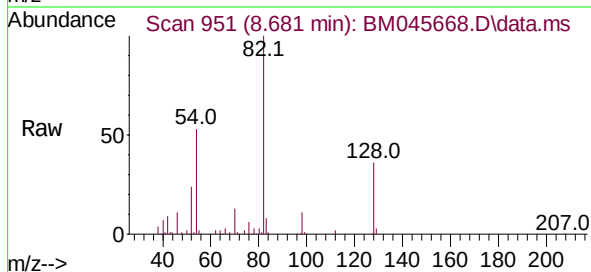
Tgt Ion: 82 Resp: 111093

Ion Ratio Lower Upper

82 100

128 36.3 32.7 49.1

54 53.2 40.5 60.7



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.174 min Scan# 1885

Delta R.T. 0.000 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

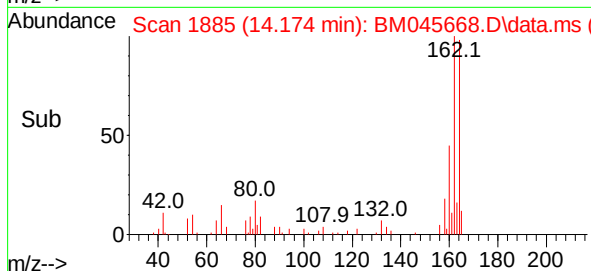
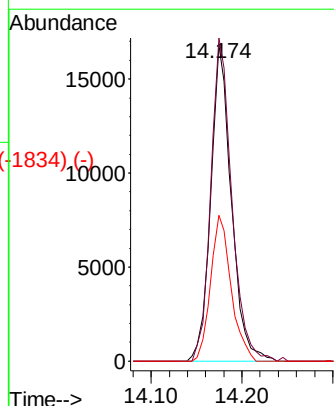
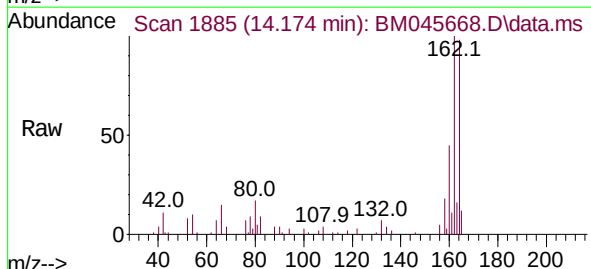
Tgt Ion:164 Resp: 26524

Ion Ratio Lower Upper

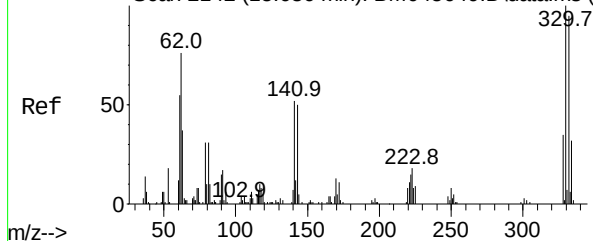
164 100

162 102.2 83.8 125.8

160 46.1 40.6 61.0



Abundance Scan 2142 (15.686 min): BM045649.D\data.ms (-2142) (-)



2,4,6-Tribromophenol

Concen: 156.211 ng

RT: 15.686 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

Instrument :

BNA_M

ClientSampleId :

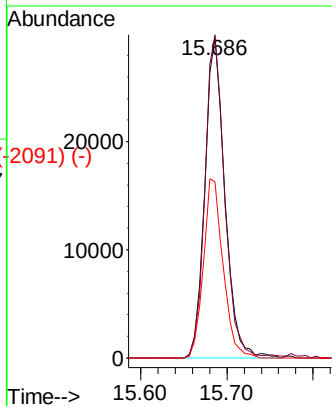
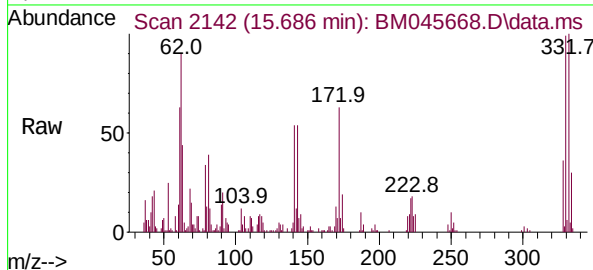
Tgt Ion:330 Resp: 47553

Ion Ratio Lower Upper

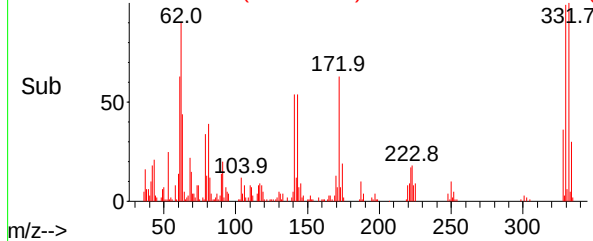
330 100

332 99.2 77.0 115.4

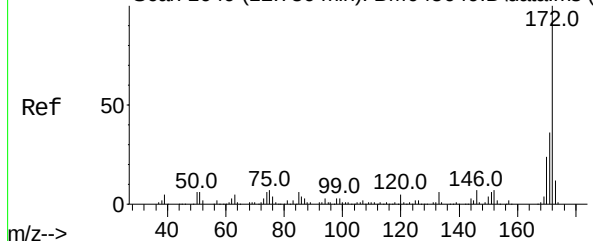
141 54.7 42.8 64.2



Abundance Scan 2142 (15.686 min): BM045668.D\data.ms (-2091) (-)



Abundance Scan 1649 (12.786 min): BM045649.D\data.ms (-1649) (-)



2-Fluorobiphenyl

Concen: 95.567 ng

RT: 12.780 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

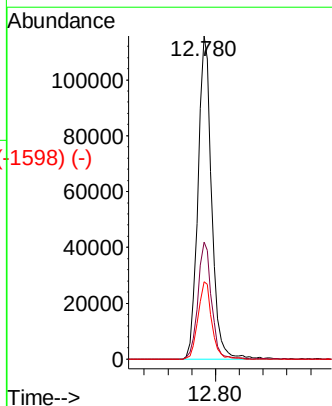
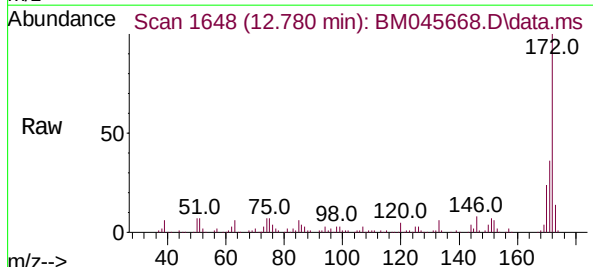
Tgt Ion:172 Resp: 185898

Ion Ratio Lower Upper

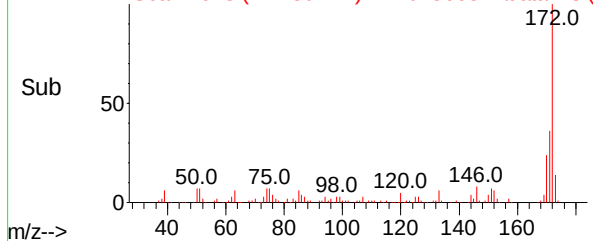
172 100

171 36.3 28.5 42.7

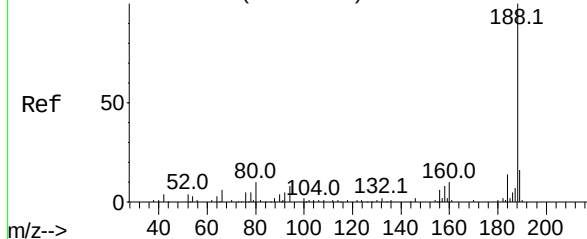
170 23.9 19.5 29.3



Abundance Scan 1648 (12.780 min): BM045668.D\data.ms (-1598) (-)



Abundance Scan 2355 (16.939 min): BM045649.D\data.ms (-2355) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BM045668.D

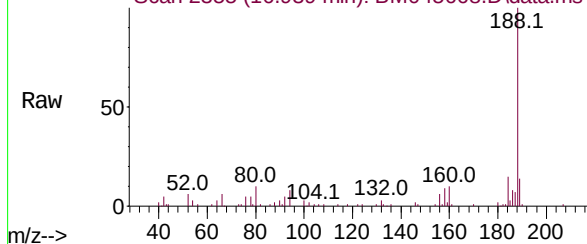
Acq: 02 May 2024 12:42

Instrument :

BNA_M

ClientSampleId :

Abundance Scan 2355 (16.939 min): BM045668.D\data.ms



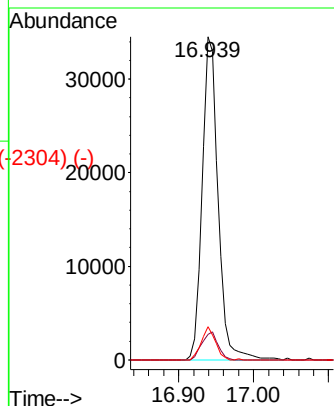
Tgt Ion:188 Resp: 51340

Ion Ratio Lower Upper

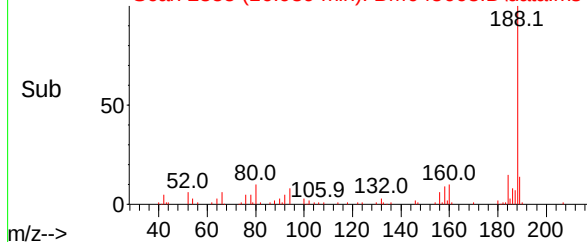
188 100

94 7.9 6.2 9.2

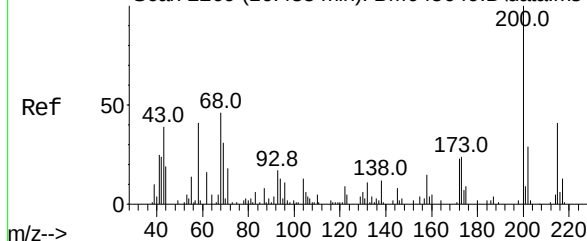
80 10.4 7.7 11.5



Abundance Scan 2355 (16.939 min): BM045668.D\data.ms (-2304) (-)



Abundance Scan 2269 (16.433 min): BM045649.D\data.ms (-2269) (-)



Atrazine

Concen: 34.974 ng

RT: 16.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

Tgt Ion:200 Resp: 14401

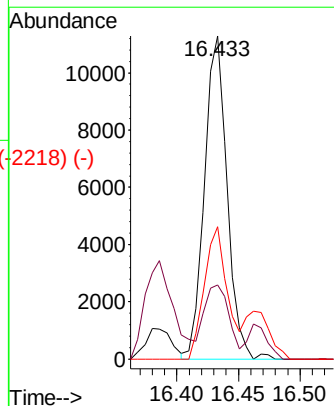
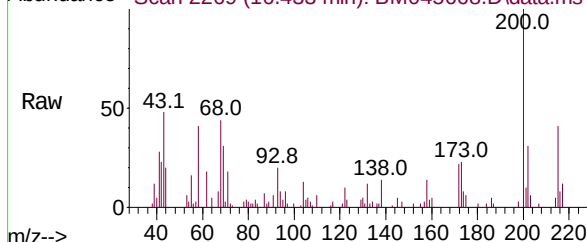
Ion Ratio Lower Upper

200 100

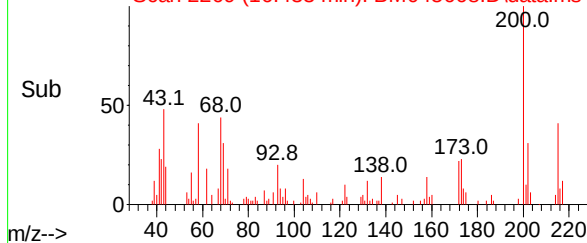
173 22.9 4.5 44.5

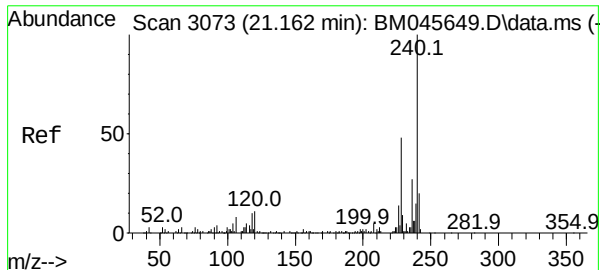
215 40.9 21.2 61.2

Abundance Scan 2269 (16.433 min): BM045668.D\data.ms



Abundance Scan 2269 (16.433 min): BM045668.D\data.ms (-2218) (-)





(-3070) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.162 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

Instrument :

BNA_M

ClientSampleId :

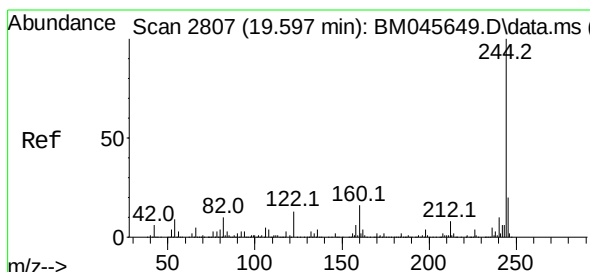
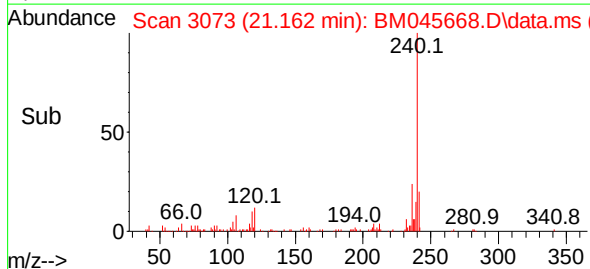
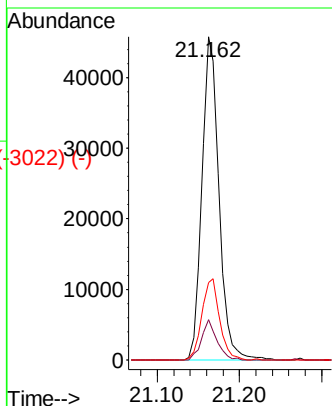
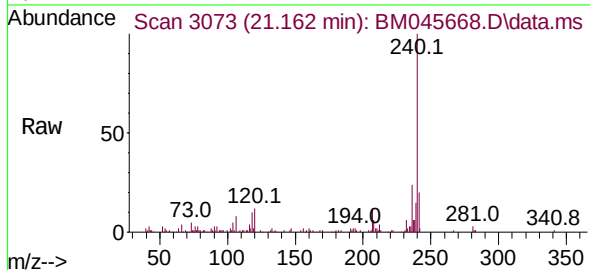
Tgt Ion:240 Resp: 65418

Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

236 23.9 21.5 32.3



(-2870) (-)

Terphenyl-d14

Concen: 97.205 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BM045668.D

Acq: 02 May 2024 12:42

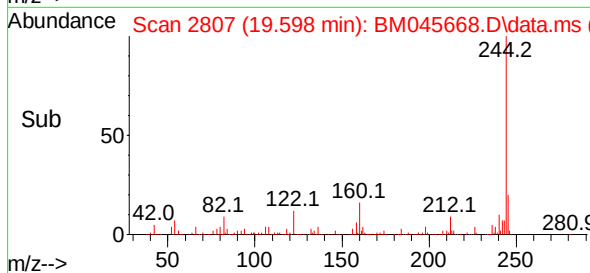
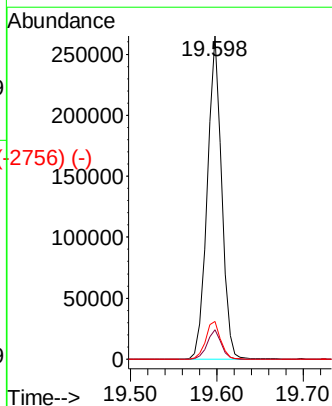
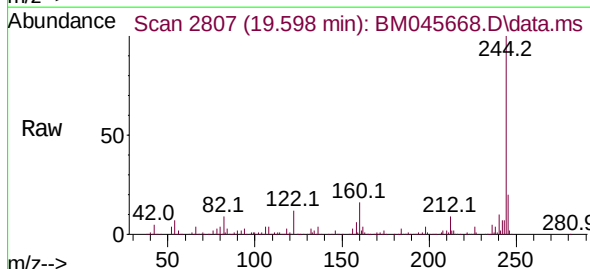
Tgt Ion:244 Resp: 303753

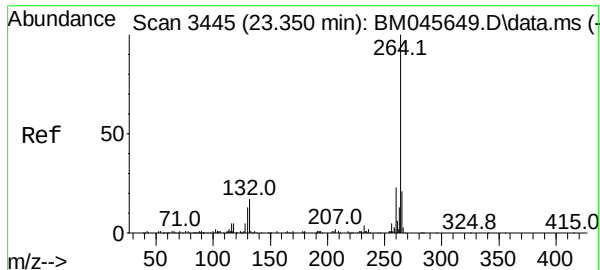
Ion Ratio Lower Upper

244 100

212 9.0 6.6 9.8

122 11.6 10.2 15.2





3436 (-)

Perylene-d12

Concen: 20.000 ng

RT: 23.344 min Scan#

Delta R.T. -0.006 min

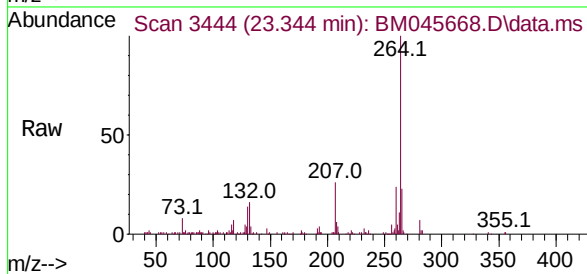
Lab File: BM045668.D

Acq: 02 May 2024 12:42

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 106725

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 22.8 17.8 26.6

