

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045667.D
 Acq On : 02 May 2024 12:03
 Operator : MA/JU
 Sample : PB160503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

Quant Time: May 02 15:23:29 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	20163	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	67241	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	33905	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	56776	20.000	ng	0.00
76) Chrysene-d12	21.162	240	54574	20.000	ng	0.00
86) Perylene-d12	23.344	264	85683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.151	112	184316	135.481	ng	0.00
7) Phenol-d6	6.710	99	200322	125.356	ng	0.00
23) Nitrobenzene-d5	8.681	82	124734	86.200	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	41406	106.408	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	200235	80.528	ng	0.00
79) Terphenyl-d14	19.597	244	216192	82.931	ng	0.00

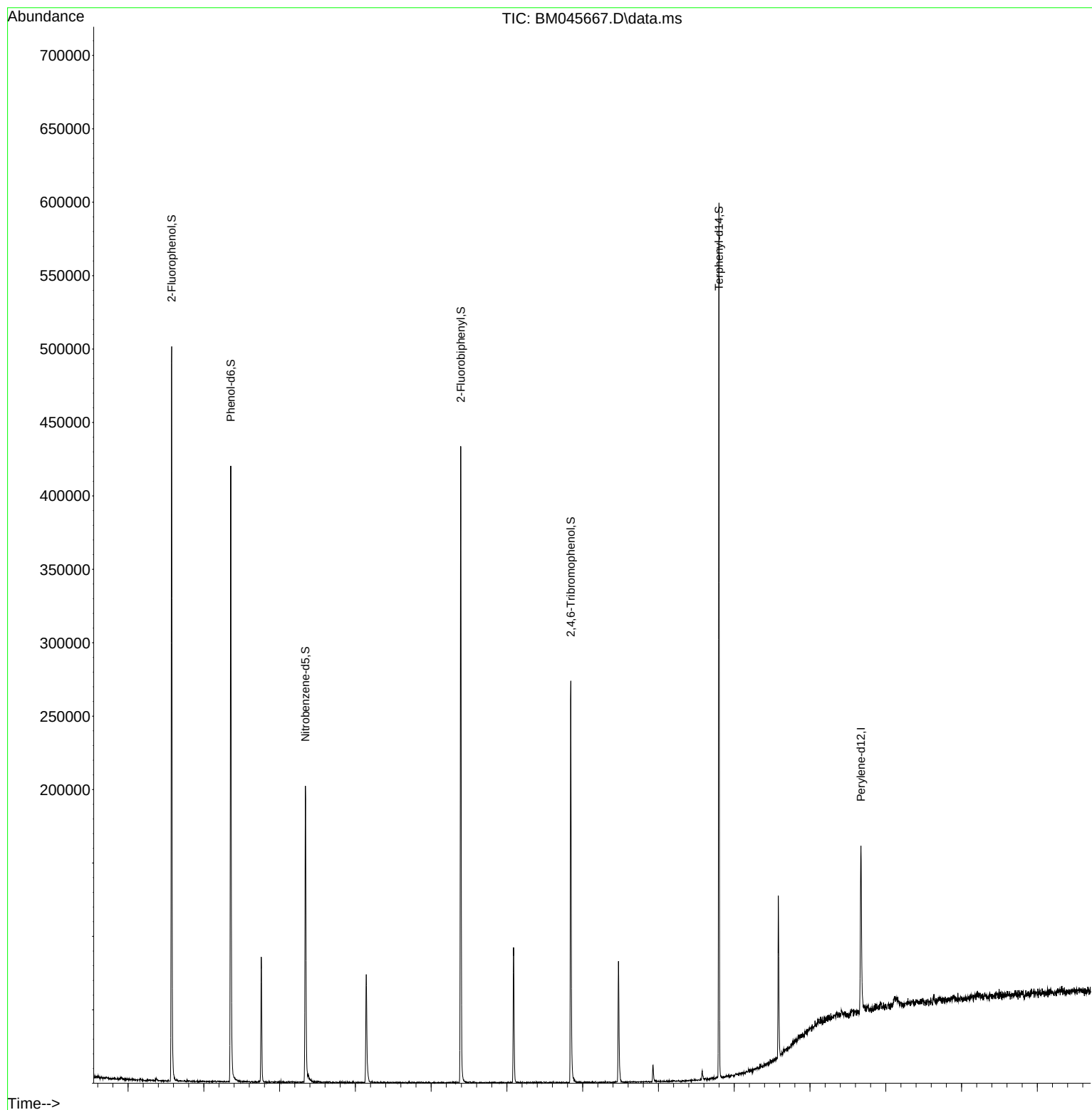
Target Compounds Qvalue

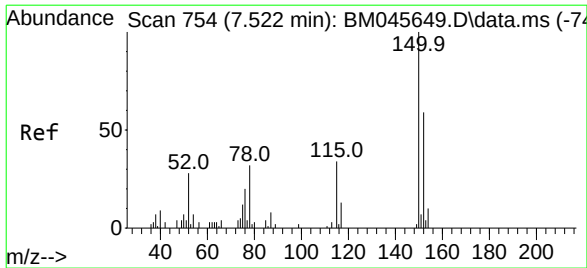
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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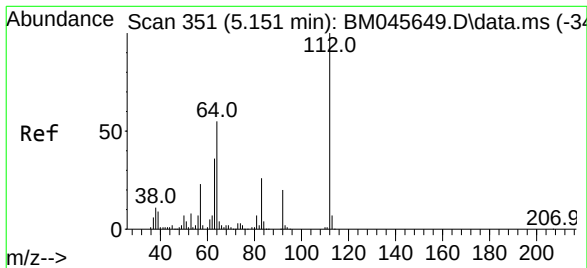
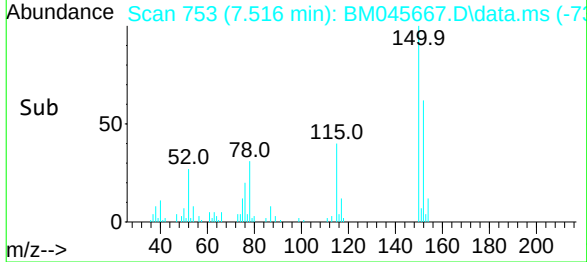
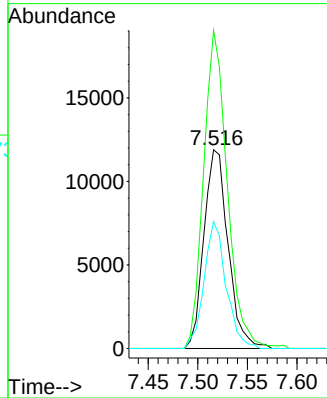
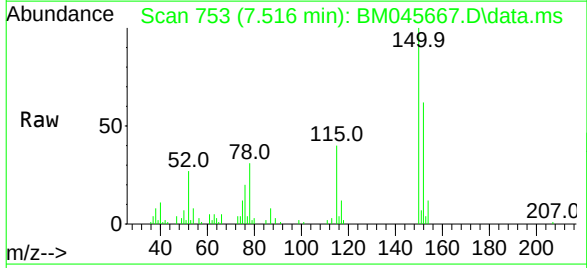




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 751
Delta R.T. -0.006 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

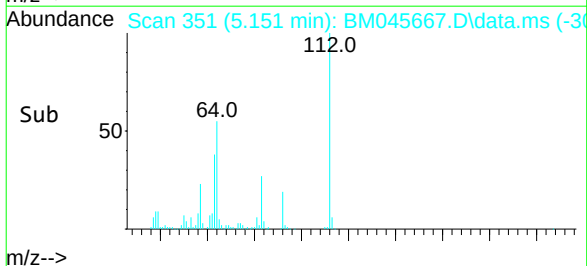
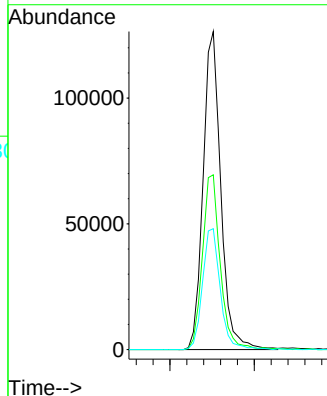
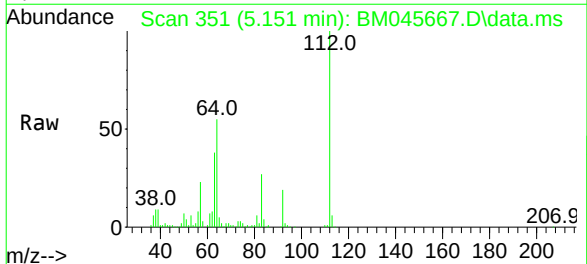
Instrument :
BNA_M
ClientSampleId :
PB160503BL

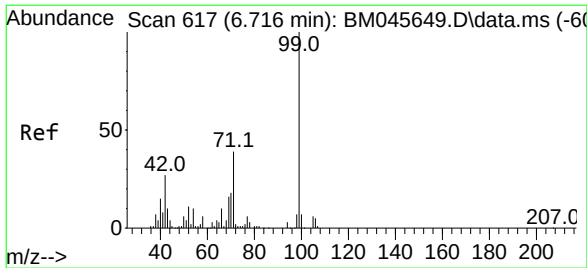
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	136.3	204.5
115	63.9	46.1	69.1



#5
2-Fluorophenol
Concen: 135.481 ng
RT: 5.151 min Scan# 351
Delta R.T. 0.000 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.1	66.1
63	38.0	29.1	43.7

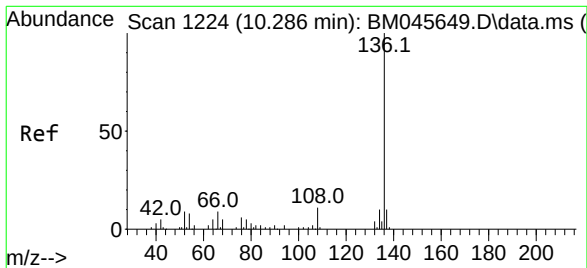
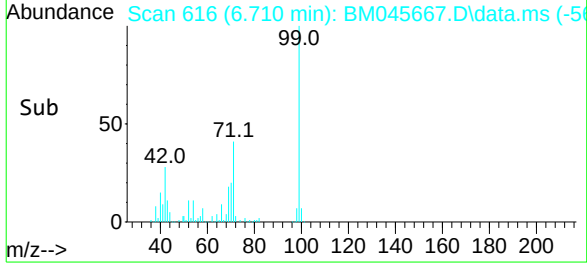
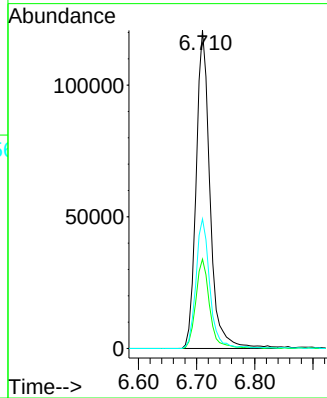
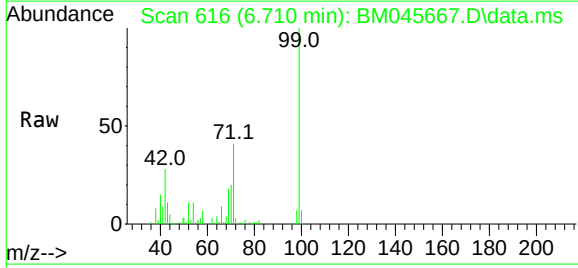




Phenol-d6
 Concen: 125.356 ng
 RT: 6.710 min Scan# 617
 Delta R.T. -0.006 min
 Lab File: BM045667.D
 Acq: 02 May 2024 12:03

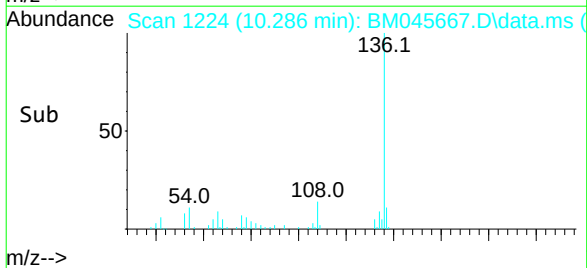
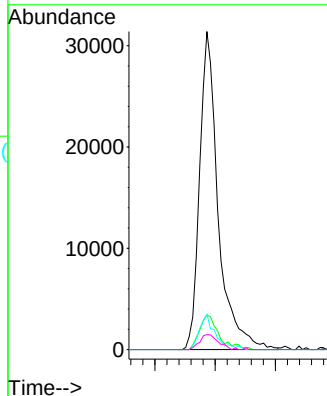
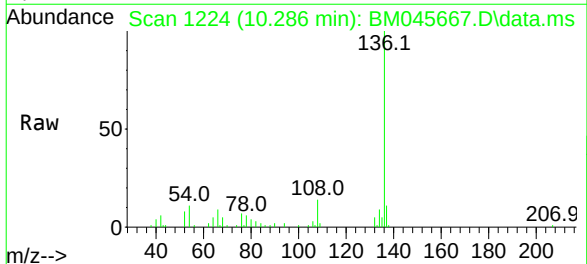
Instrument :
 BNA_M
 ClientSampleId :
 PB160503BL

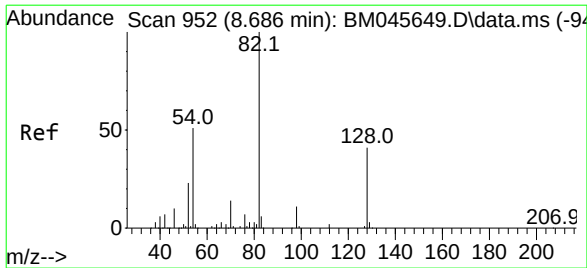
Tgt Ion:	99	Resp:	200322
Ion	Ratio	Lower	Upper
99	100		
42	28.1	21.4	32.0
71	40.7	31.4	47.2



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.286 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BM045667.D
 Acq: 02 May 2024 12:03

Tgt Ion:	136	Resp:	67241
Ion	Ratio	Lower	Upper
136	100		
137	10.8	7.8	11.6
54	11.1	6.6	9.8#
68	4.7	4.2	6.2





#23

Nitrobenzene-d5

Concen: 86.200 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

Instrument :

BNA_M

ClientSampleId :

PB160503BL

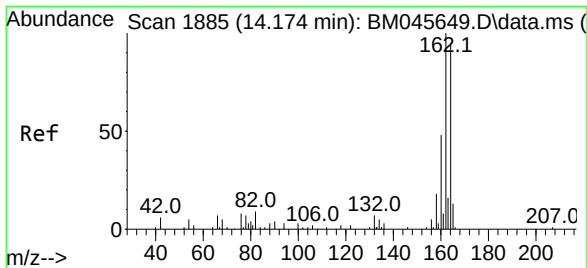
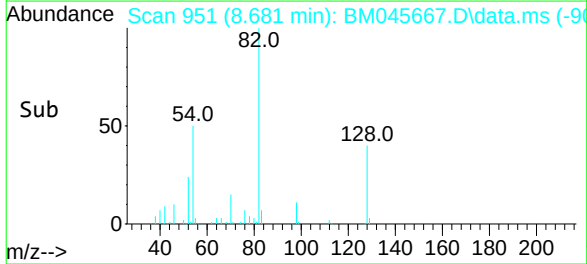
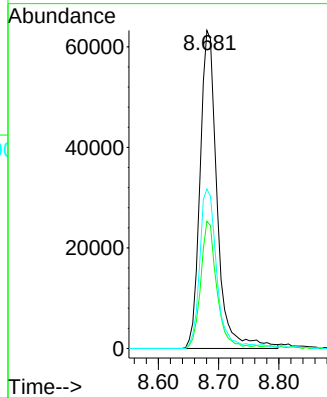
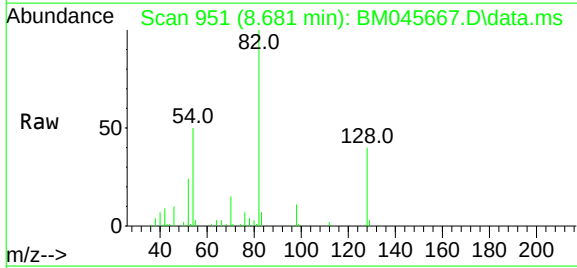
Tgt Ion: 82 Resp: 124734

Ion Ratio Lower Upper

82 100

128 40.0 32.7 49.1

54 50.2 40.5 60.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.174 min Scan# 1885

Delta R.T. 0.000 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

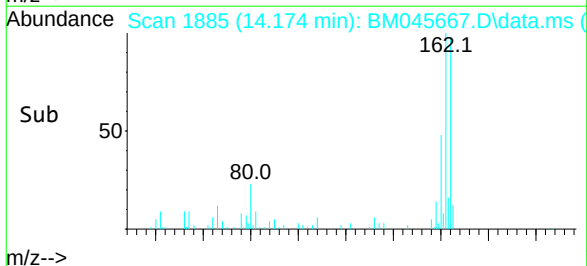
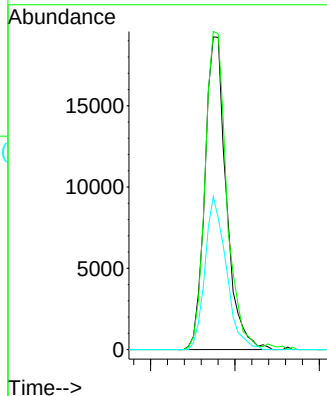
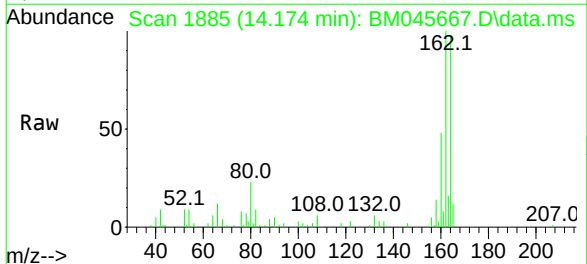
Tgt Ion: 164 Resp: 33905

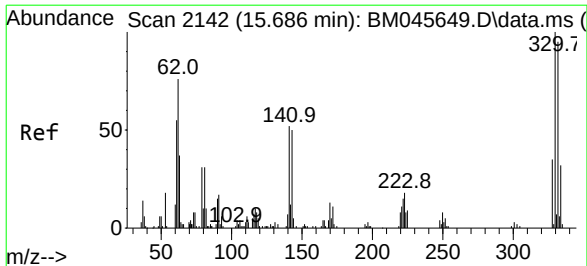
Ion Ratio Lower Upper

164 100

162 101.7 83.8 125.8

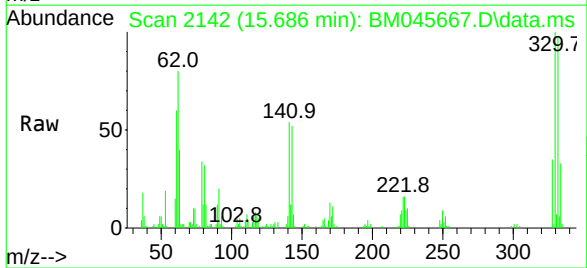
160 49.0 40.6 61.0



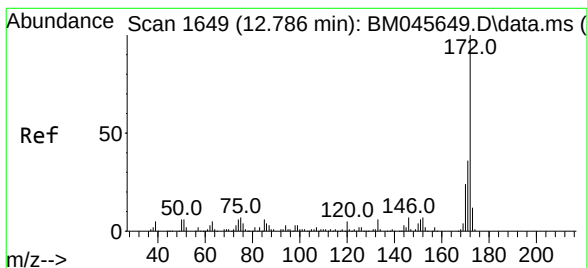
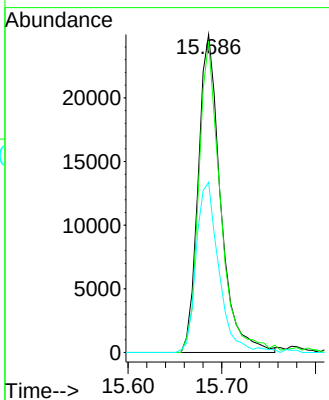
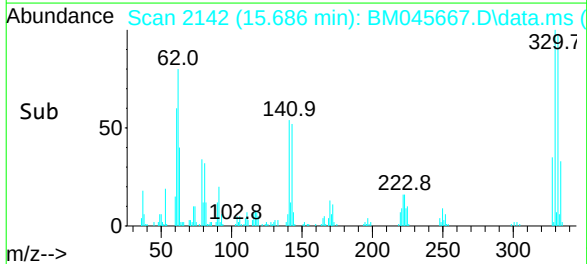


#42
2,4,6-Tribromophenol
Concen: 106.408 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03

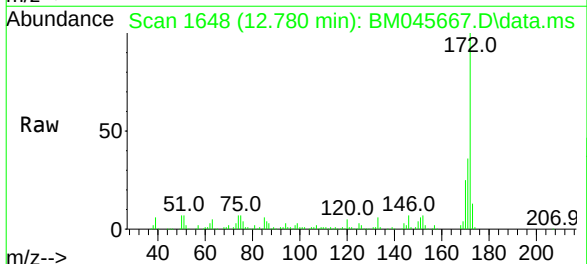
Instrument :
BNA_M
ClientSampleId :
PB160503BL



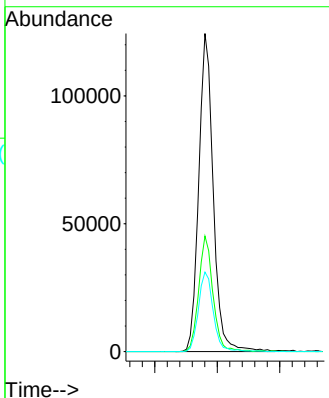
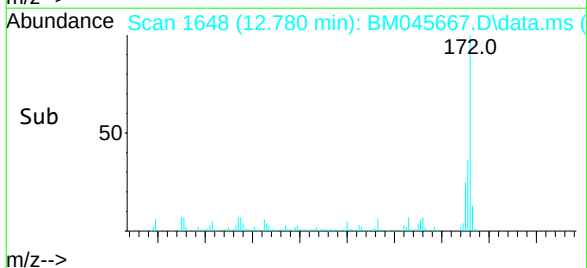
Tgt Ion:330 Resp: 41406
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 54.3 42.8 64.2

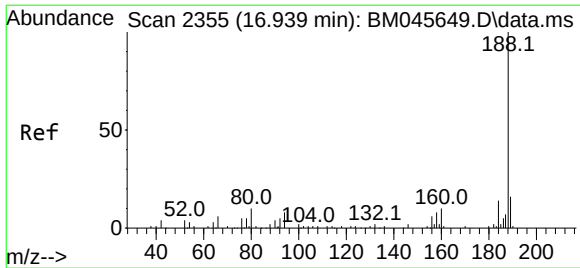


#45
2-Fluorobiphenyl
Concen: 80.528 ng
RT: 12.780 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BM045667.D
Acq: 02 May 2024 12:03



Tgt Ion:172 Resp: 200235
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 25.0 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 2355

Delta R.T. 0.006 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

Instrument :

BNA_M

ClientSampleId :

PB160503BL

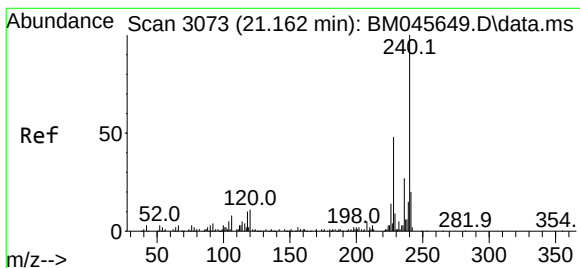
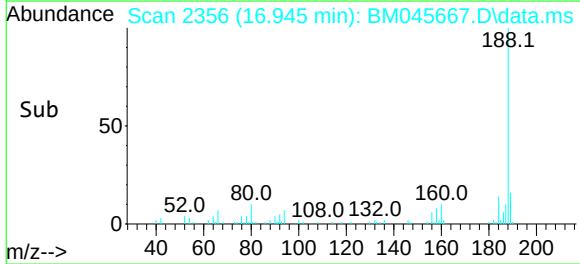
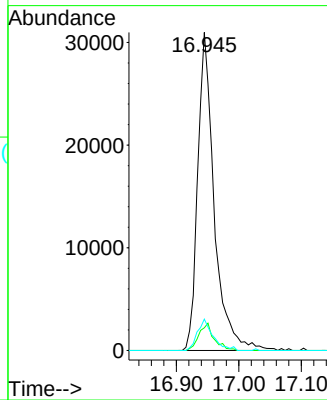
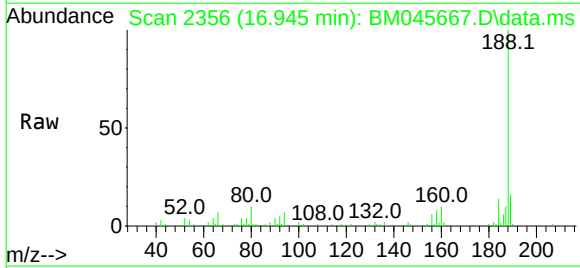
Tgt Ion:188 Resp: 56776

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.2

80 9.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.162 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

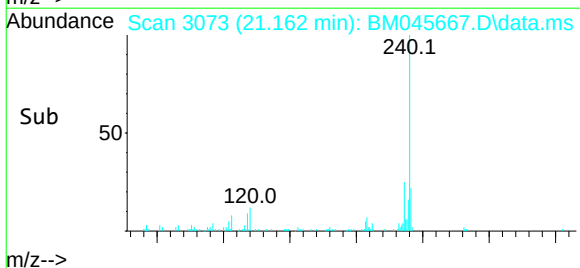
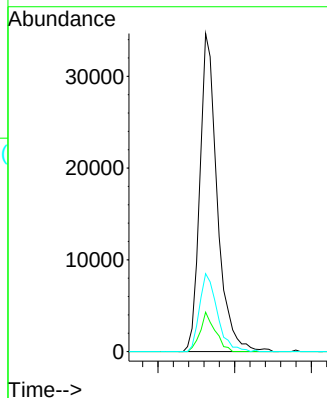
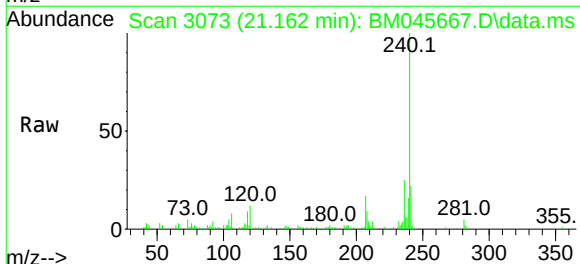
Tgt Ion:240 Resp: 54574

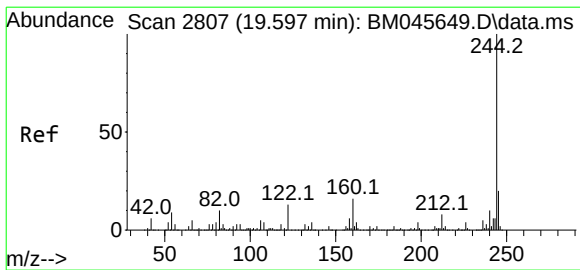
Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

236 24.5 21.5 32.3





#79

Terphenyl-d14

Concen: 82.931 ng

RT: 19.597 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BM045667.D

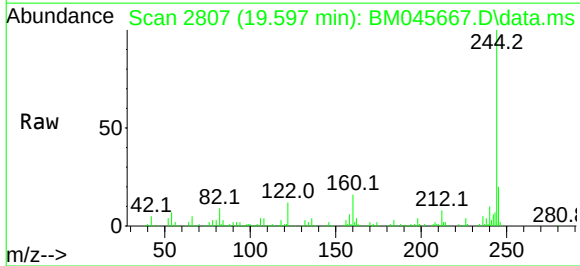
Acq: 02 May 2024 12:03

Instrument :

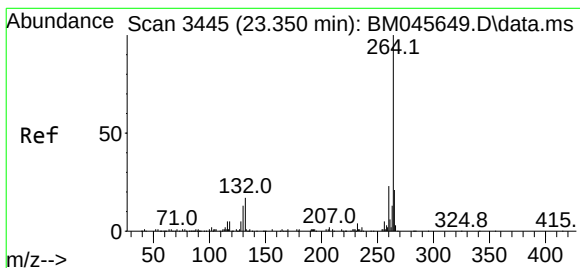
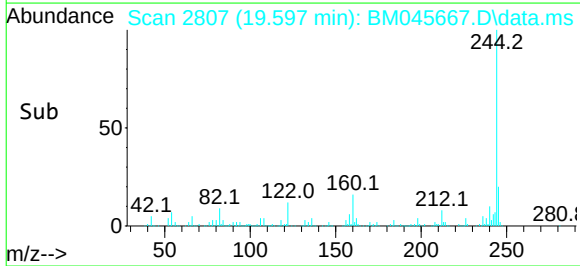
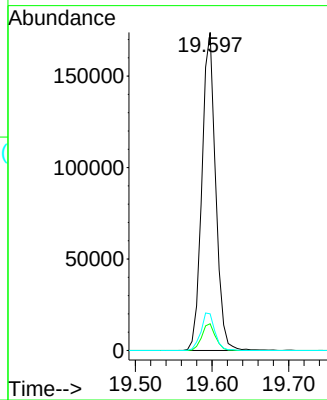
BNA_M

ClientSampleId :

PB160503BL



Tgt Ion:	244	Resp:	216192
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.6	9.8
122	11.5	10.2	15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.344 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BM045667.D

Acq: 02 May 2024 12:03

Tgt Ion:	264	Resp:	85683
Ion Ratio	Lower	Upper	
264	100		
260	26.0	18.3	27.5
265	23.0	17.8	26.6

