

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
 Data File : BM043981.D
 Acq On : 05 Feb 2024 17:01
 Operator : MA/JU
 Sample : PB158784BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158784BL

Quant Time: Feb 06 07:09:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	296619	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1211448	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	719499	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1653493	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1661255	20.000	ng	0.00
86) Perylene-d12	23.927	264	1988082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3087454	153.711	ng	0.00
7) Phenol-d6	7.092	99	4030280	135.802	ng	0.00
23) Nitrobenzene-d5	9.092	82	2291848	91.196	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1306620	148.977	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4980926	95.124	ng	0.00
79) Terphenyl-d14	19.962	244	9119226	105.968	ng	0.00

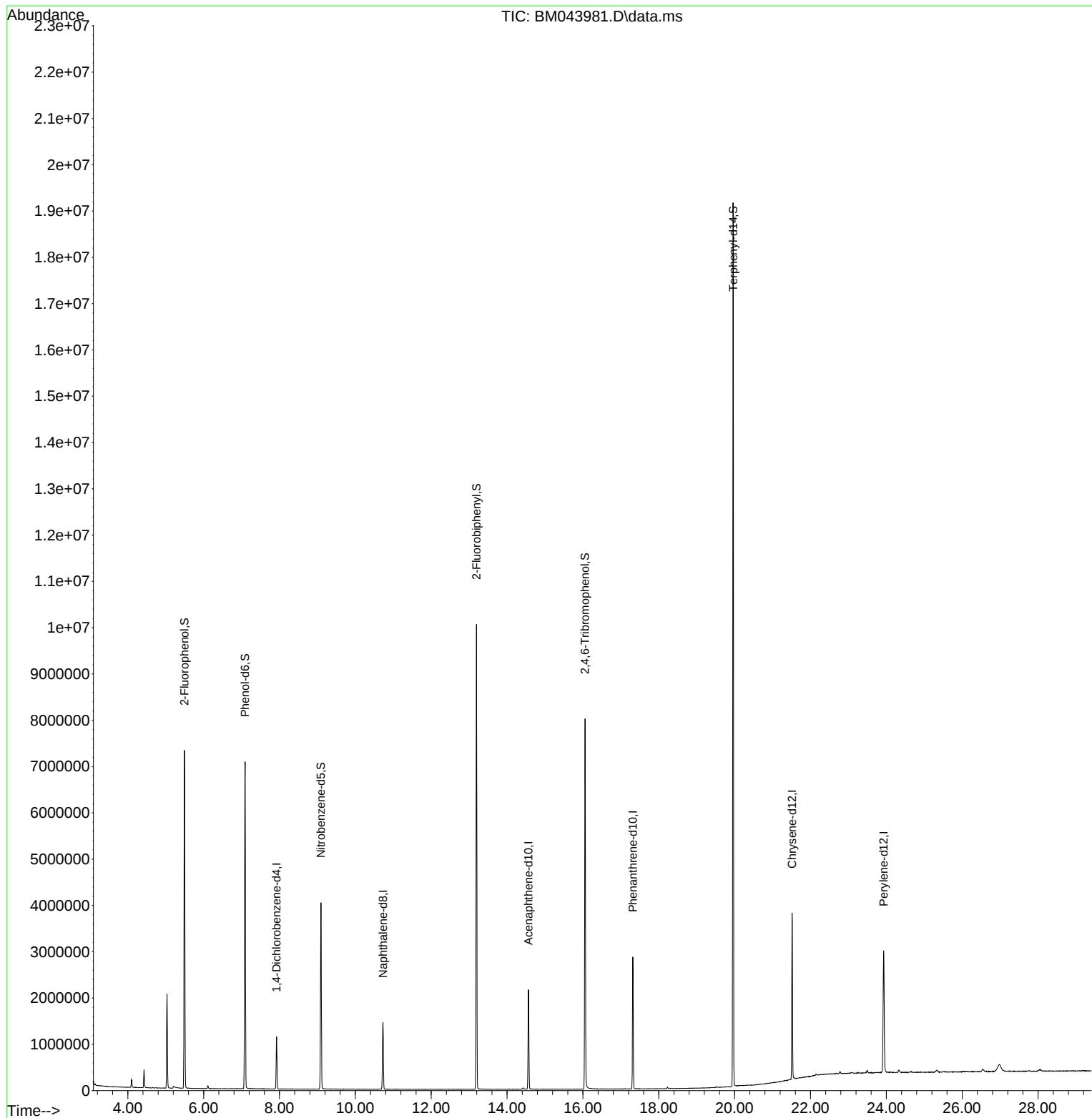
Target Compounds	Qvalue

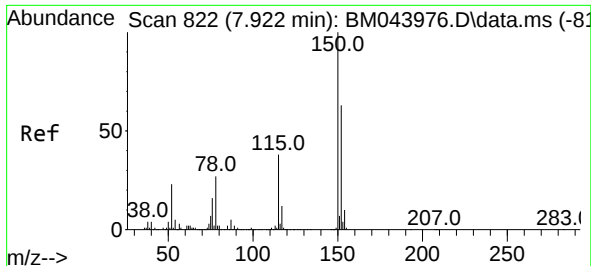
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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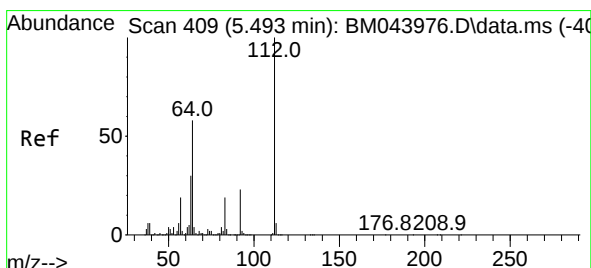
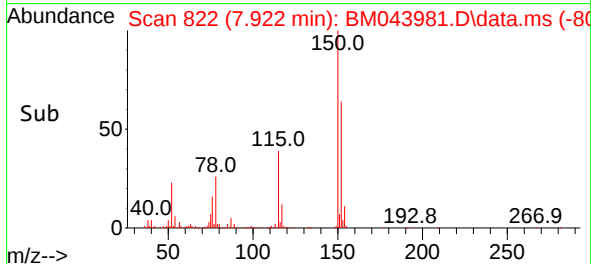
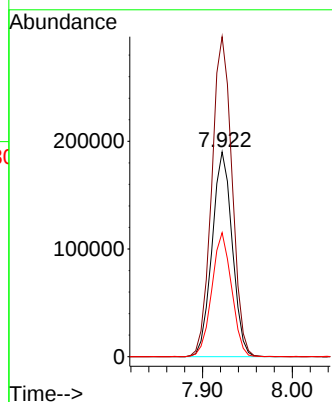
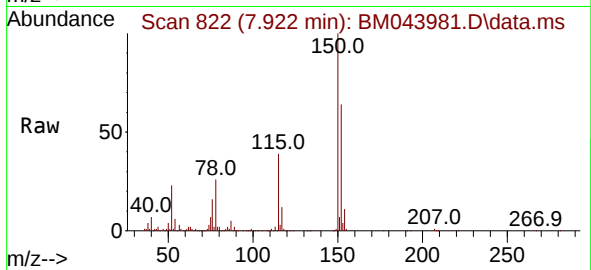




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

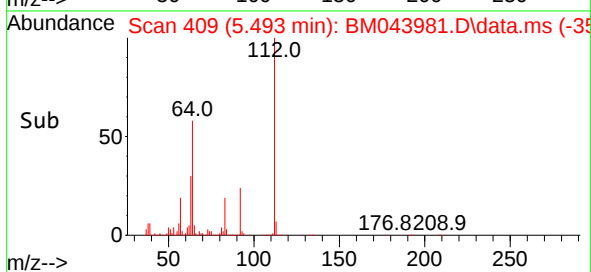
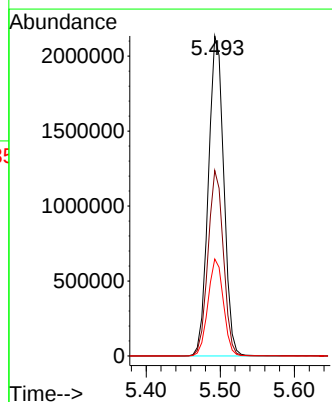
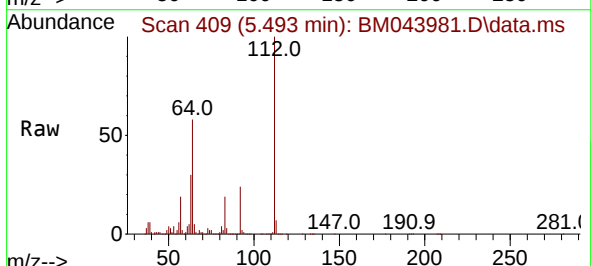
Instrument :
BNA_M
ClientSampleId :
PB158784BL

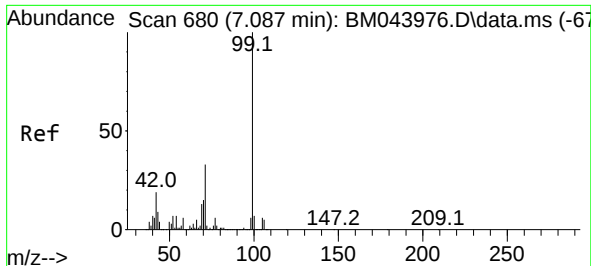
Tgt Ion:152 Resp: 296619
Ion Ratio Lower Upper
152 100
150 156.2 126.1 189.1
115 60.5 48.2 72.2



#5
2-Fluorophenol
Concen: 153.711 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

Tgt Ion:112 Resp: 3087454
Ion Ratio Lower Upper
112 100
64 58.0 46.6 70.0
63 30.3 24.2 36.4



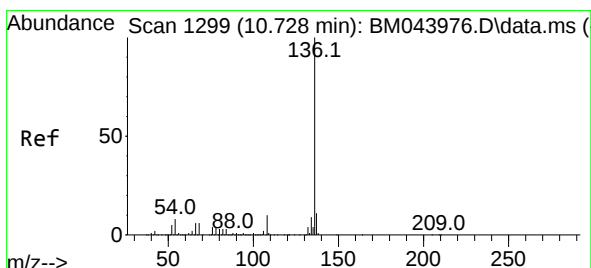
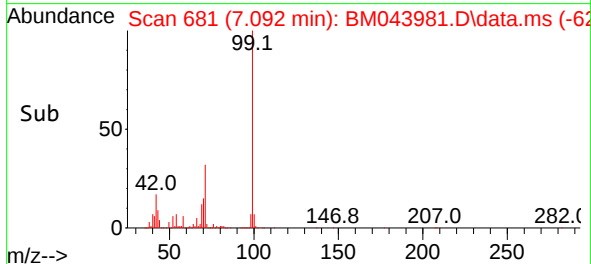
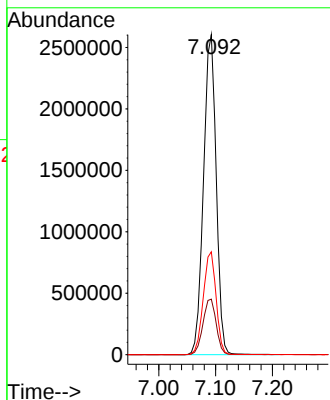
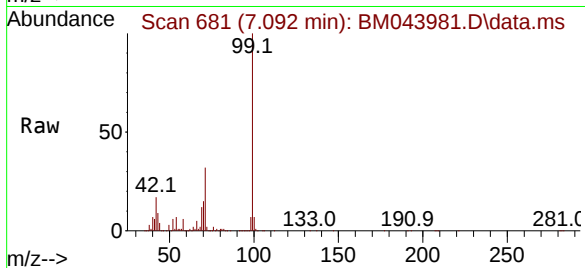


#7
Phenol-d6
Concen: 135.802 ng
RT: 7.092 min Scan# 61
Delta R.T. 0.005 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

Instrument :
BNA_M
ClientSampleId :
PB158784BL

Tgt Ion: 99 Resp: 4030280

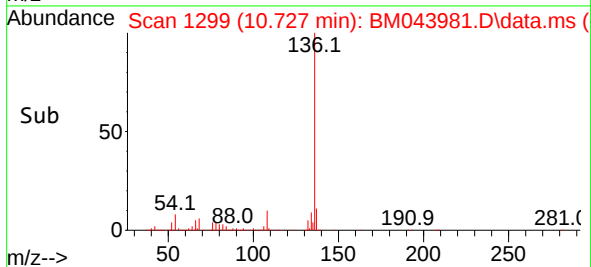
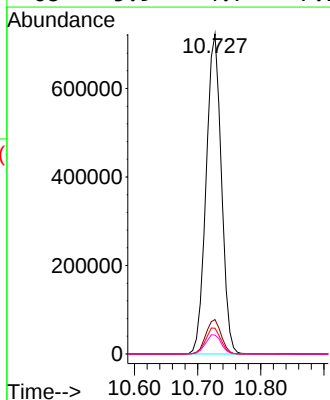
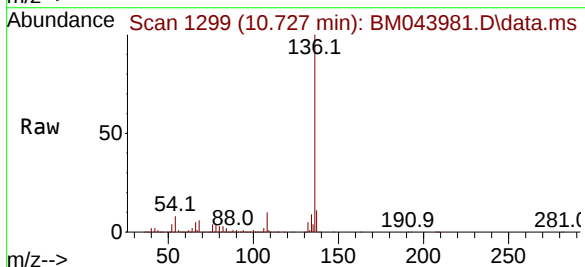
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.9	22.3
71	32.1	26.3	39.5

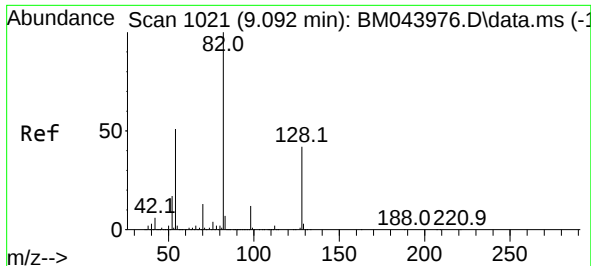


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

Tgt Ion: 136 Resp: 1211448

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.0	6.5	9.7
68	5.9	4.7	7.1

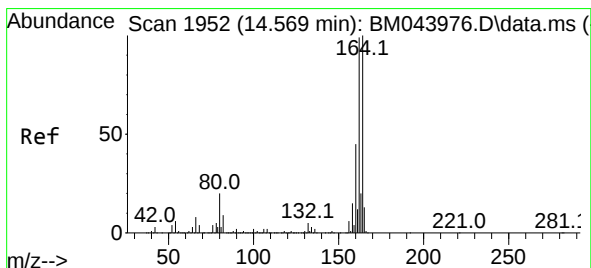
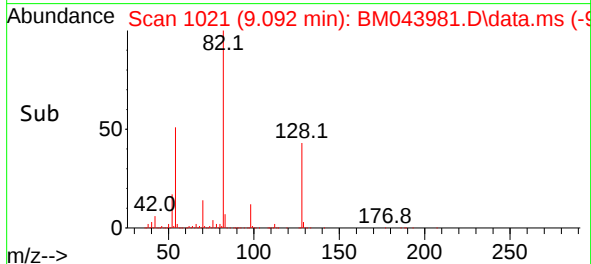
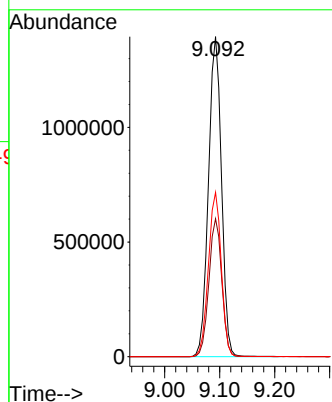
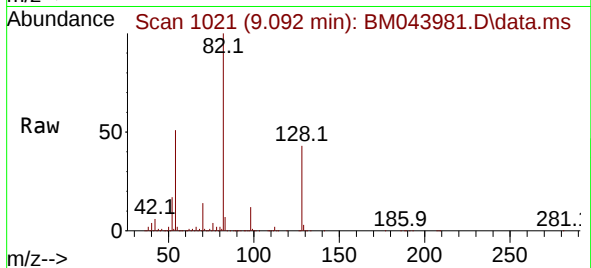




#23
Nitrobenzene-d5
Concen: 91.196 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

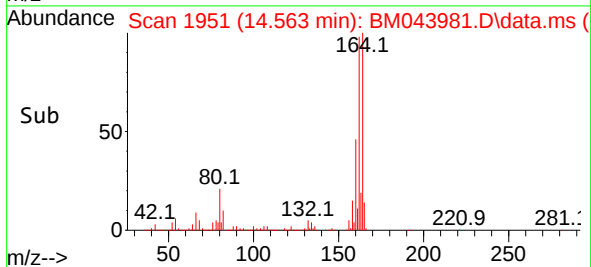
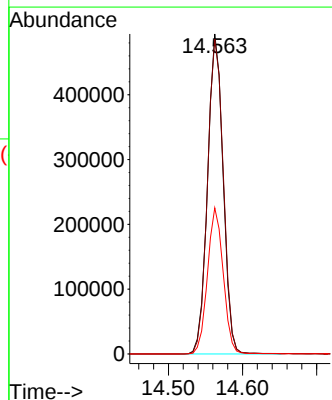
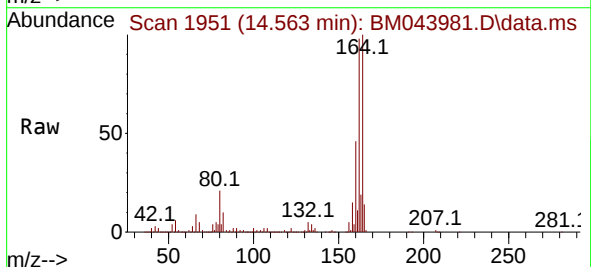
Instrument :
BNA_M
ClientSampleId :
PB158784BL

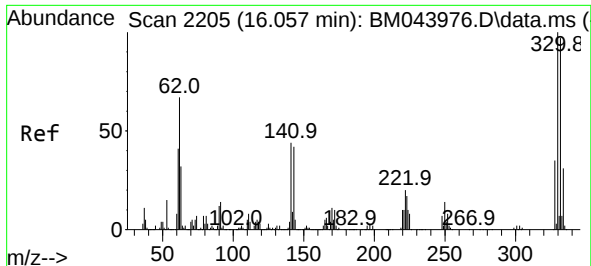
Tgt Ion: 82 Resp: 2291848
Ion Ratio Lower Upper
82 100
128 43.1 33.9 50.9
54 51.4 41.1 61.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

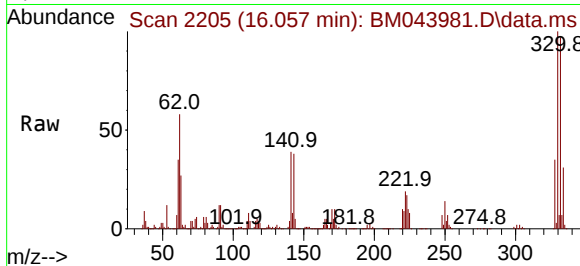
Tgt Ion:164 Resp: 719499
Ion Ratio Lower Upper
164 100
162 98.4 79.0 118.4
160 45.6 35.8 53.8



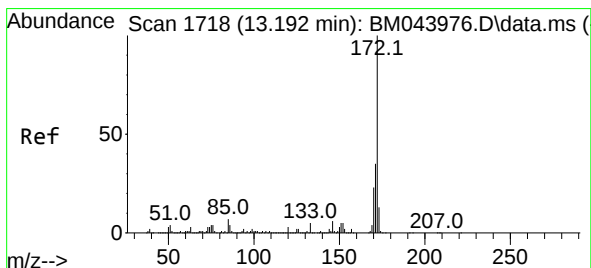
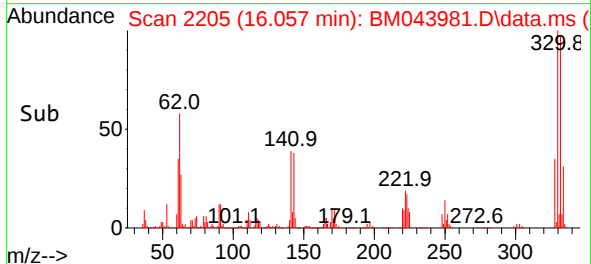
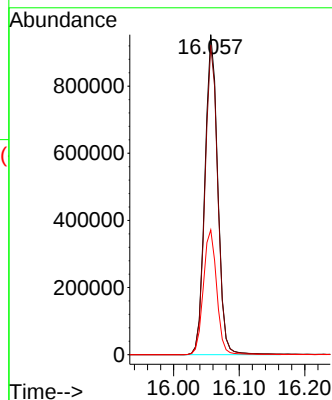


#42
2,4,6-Tribromophenol
Concen: 148.977 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

Instrument :
BNA_M
ClientSampleId :
PB158784BL

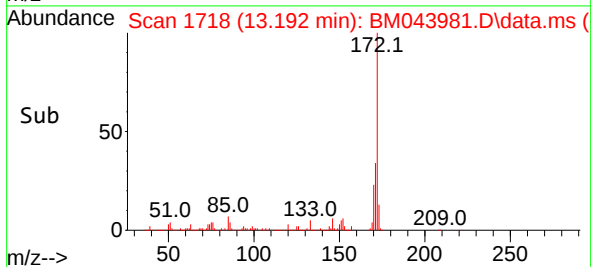
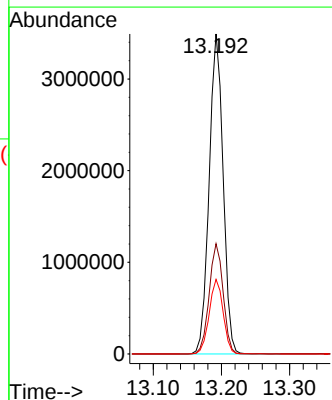
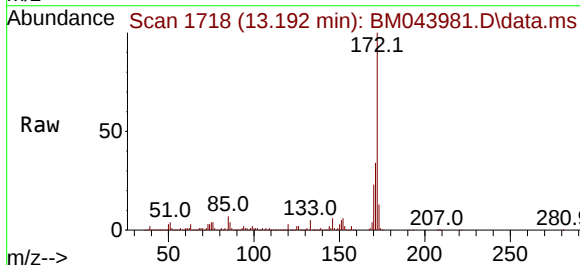


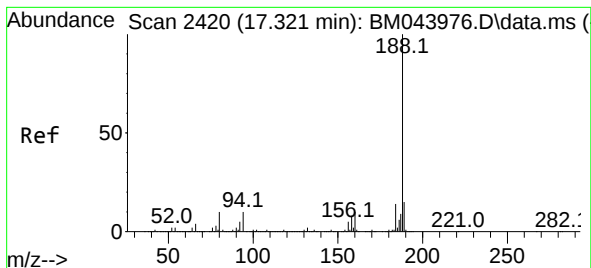
Tgt Ion:330 Resp: 1306620
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 40.3 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 95.124 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043981.D
Acq: 05 Feb 2024 17:01

Tgt Ion:172 Resp: 4980926
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM043981.D

Acq: 05 Feb 2024 17:01

Instrument :

BNA_M

ClientSampleId :

PB158784BL

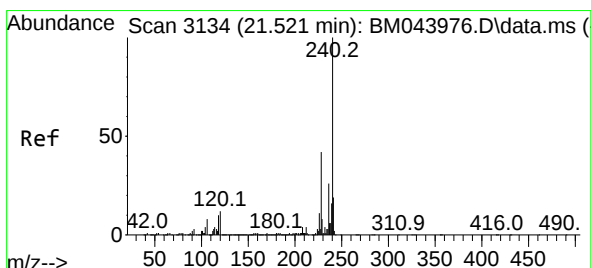
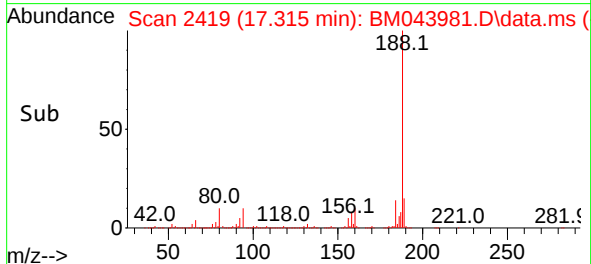
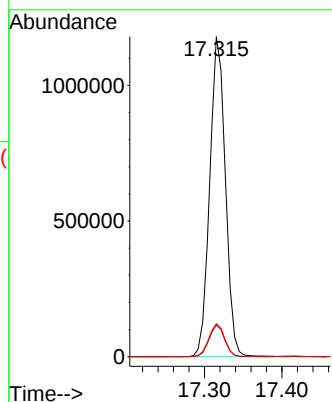
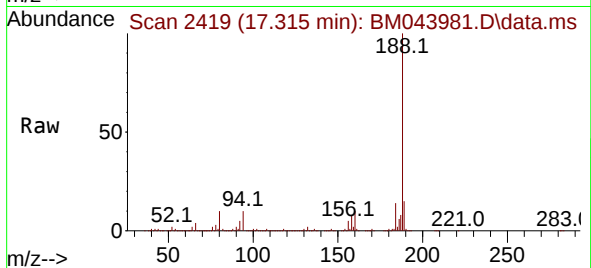
Tgt Ion:188 Resp: 1653493

Ion Ratio Lower Upper

188 100

94 9.9 7.7 11.5

80 10.3 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM043981.D

Acq: 05 Feb 2024 17:01

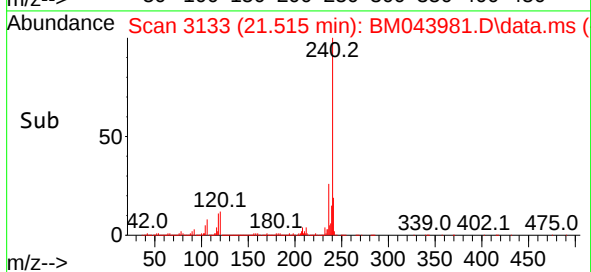
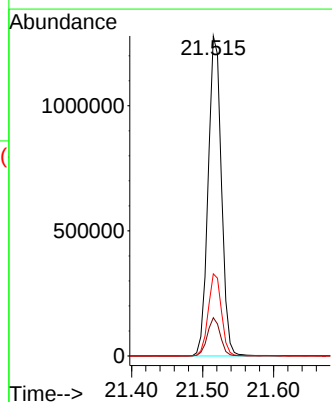
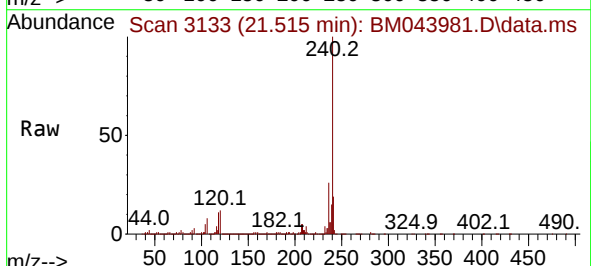
Tgt Ion:240 Resp: 1661255

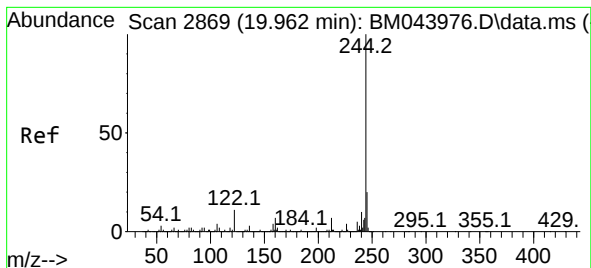
Ion Ratio Lower Upper

240 100

120 12.0 9.3 13.9

236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 105.968 ng

RT: 19.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043981.D

Acq: 05 Feb 2024 17:01

Instrument :

BNA_M

ClientSampleId :

PB158784BL

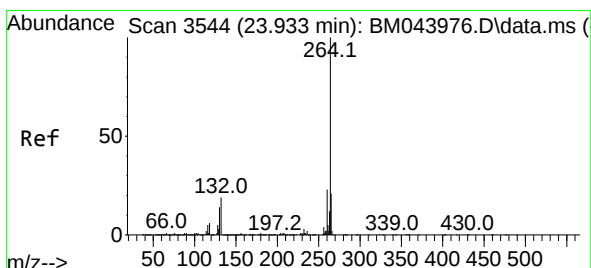
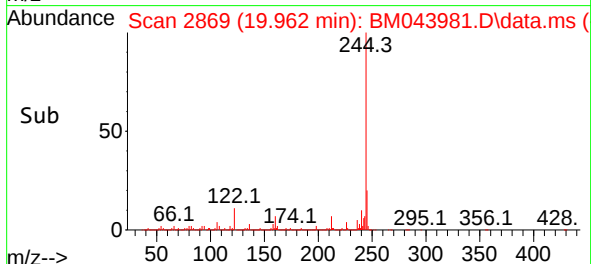
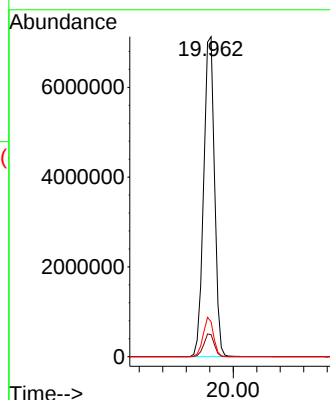
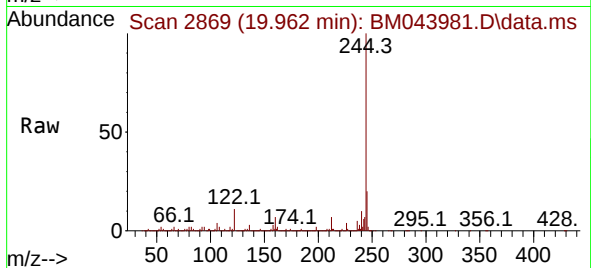
Tgt Ion:244 Resp: 9119226

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.9 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043981.D

Acq: 05 Feb 2024 17:01

Tgt Ion:264 Resp: 1988082

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.7 17.2 25.8

