

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
 Data File : BM043928.D
 Acq On : 30 Jan 2024 16:43
 Operator : MA/JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158491BL

Quant Time: Jan 31 02:26:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 00:42:42 2024
 Response via : Initial Calibration

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

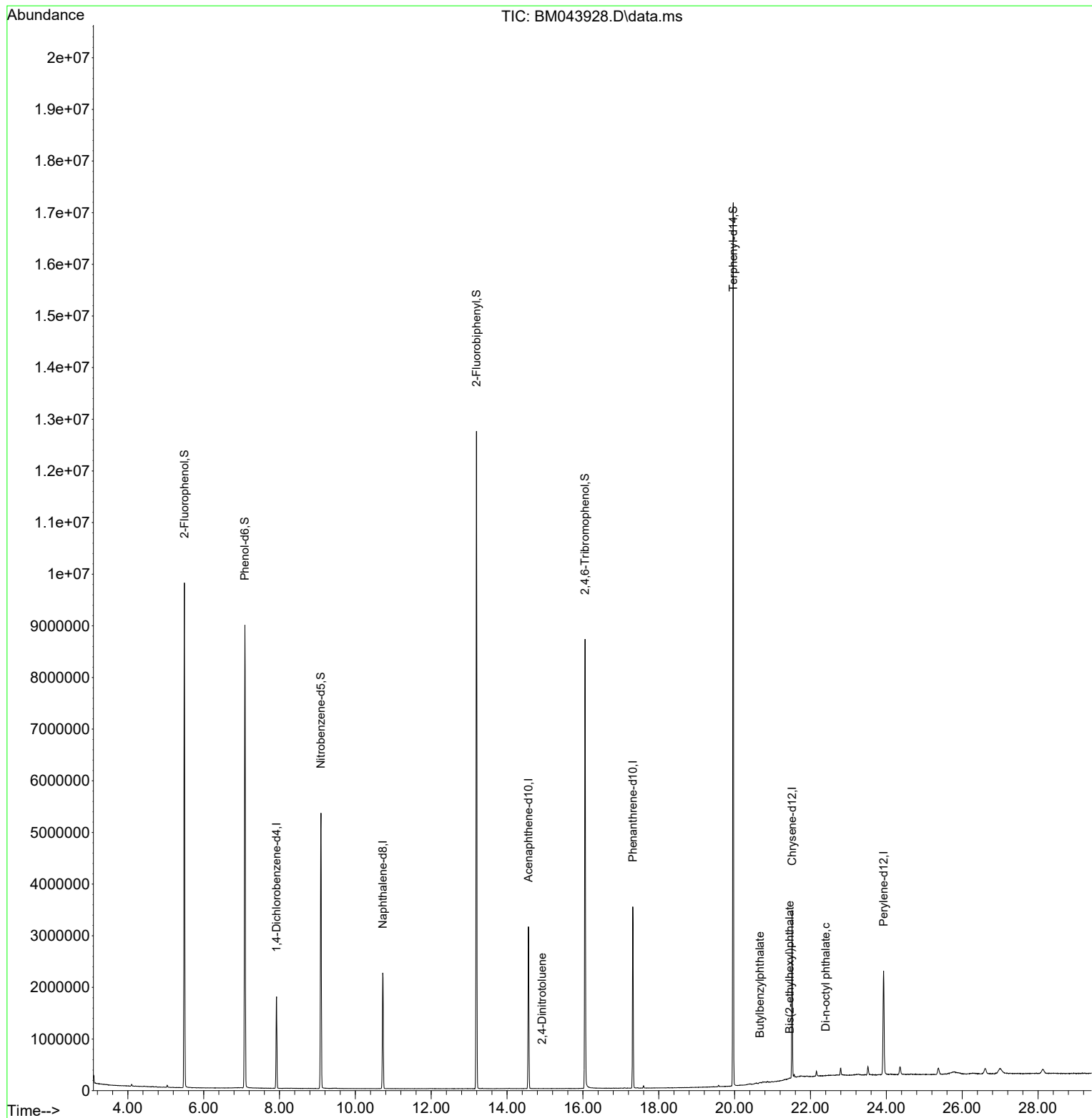
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	477696	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1872929	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1031533	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2029332	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1464482	20.000	ng	0.00
86) Perylene-d12	23.927	264	1488094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	4010400	125.533	ng	0.00
7) Phenol-d6	7.087	99	5072923	119.883	ng	0.00
23) Nitrobenzene-d5	9.092	82	3011775	80.420	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1459862	125.838	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6403306	80.196	ng	0.00
79) Terphenyl-d14	19.962	244	8242377	95.982	ng	0.00
Target Compounds						Qvalue
57) 2,4-Dinitrotoluene	14.921	165	60	3.820	ng	# 18
77) Benzidine	19.574	184	15349	Below Cal		# 93
80) Butylbenzylphthalate	20.668	149	262	5.451	ng	# 69
84) Bis(2-ethylhexyl)phtha...	21.450	149	1517	4.176	ng	# 49
85) Di-n-octyl phthalate	22.403	149	530	6.550	ng	# 32

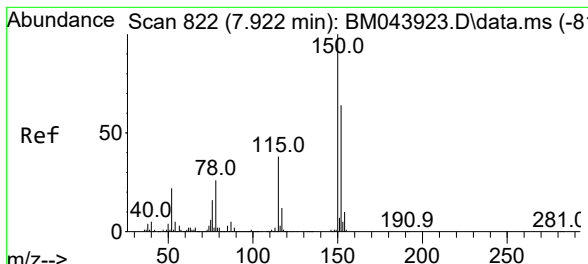
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
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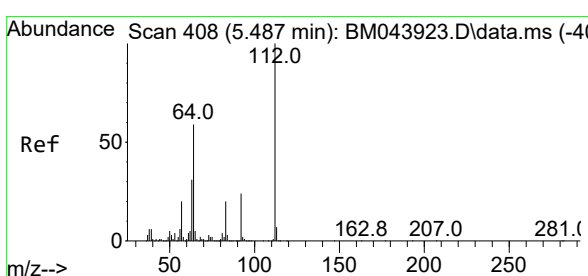
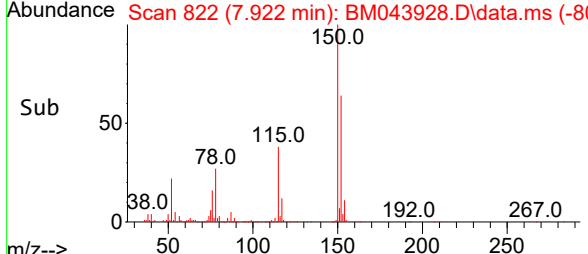
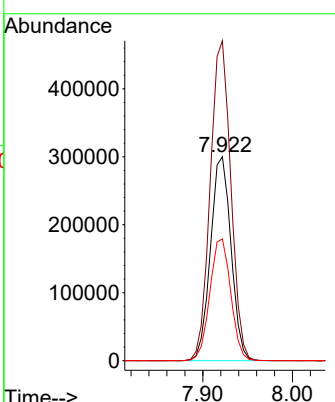
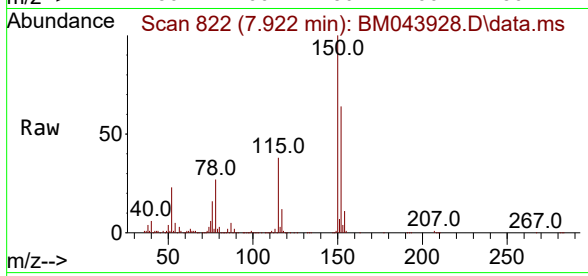


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043928.D
 Acq: 30 Jan 2024 16:43

Instrument :
 BNA_M
 ClientSampleId :
 PB158491BL

Tgt Ion:152 Resp: 477696

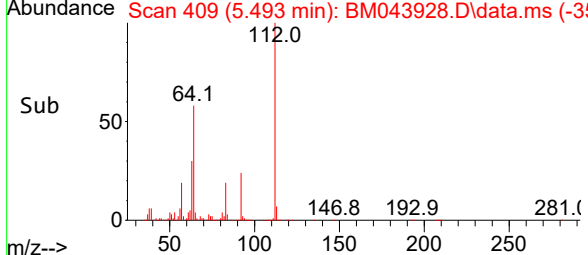
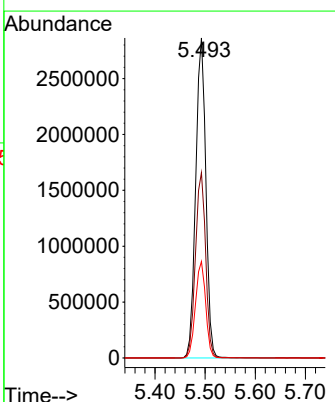
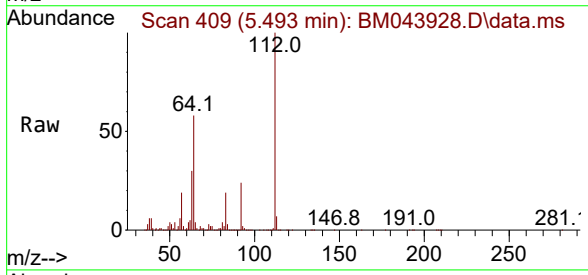
Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	59.7	46.9	70.3

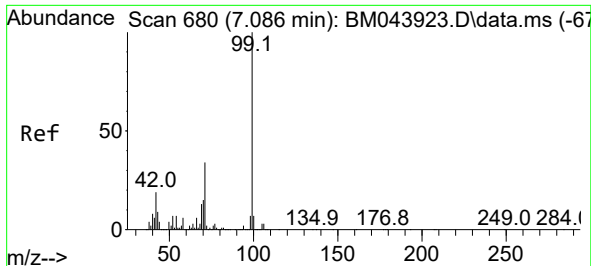


#5
 2-Fluorophenol
 Concen: 125.533 ng
 RT: 5.493 min Scan# 409
 Delta R.T. 0.006 min
 Lab File: BM043928.D
 Acq: 30 Jan 2024 16:43

Tgt Ion:112 Resp: 4010400

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	30.2	24.8	37.2



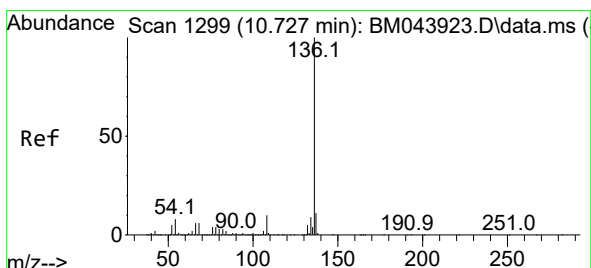
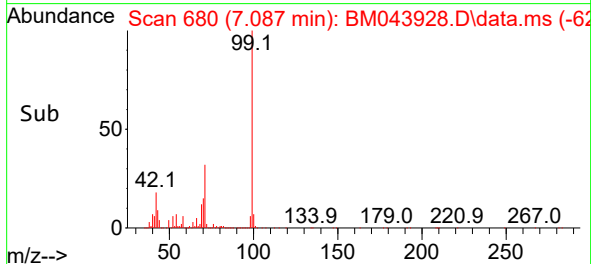
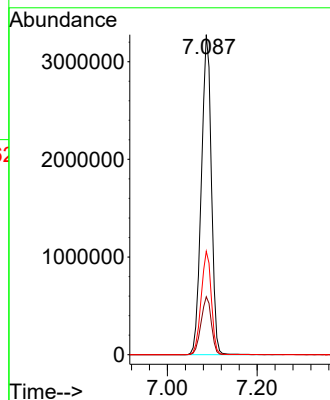
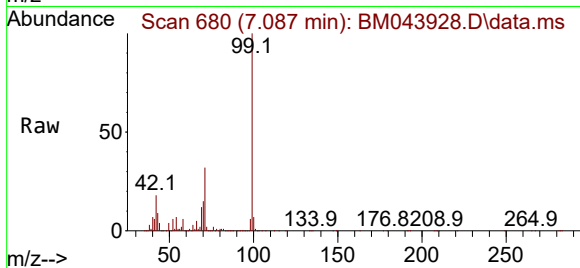


#7
Phenol-d6
Concen: 119.883 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

Instrument :
BNA_M
ClientSampleId :
PB158491BL

Tgt Ion: 99 Resp: 5072923

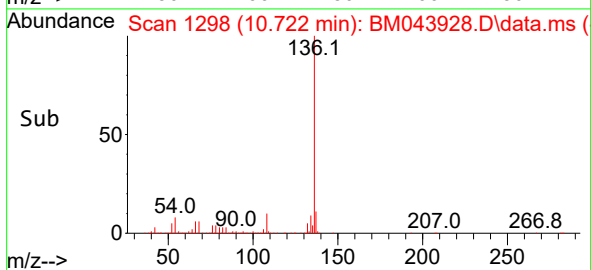
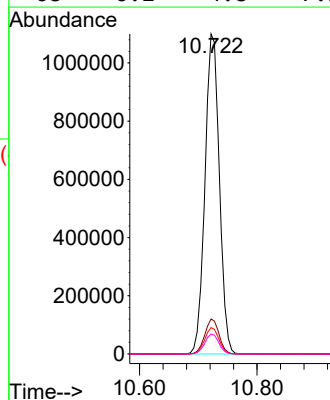
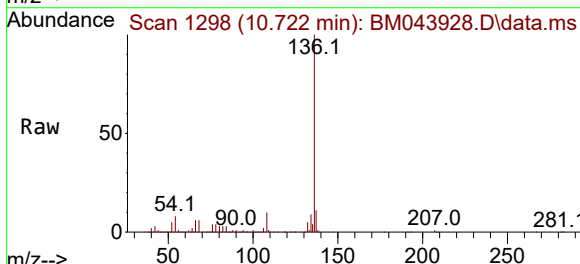
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.2	22.8
71	32.3	27.1	40.7

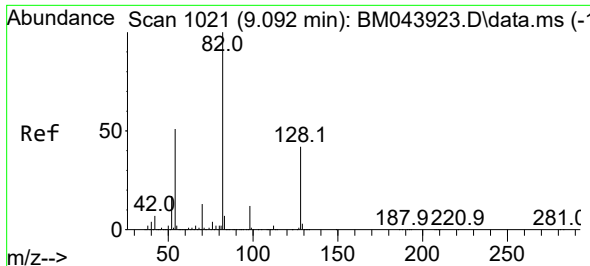


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.005 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

Tgt Ion: 136 Resp: 1872929

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	6.6	9.8
68	6.2	4.8	7.2

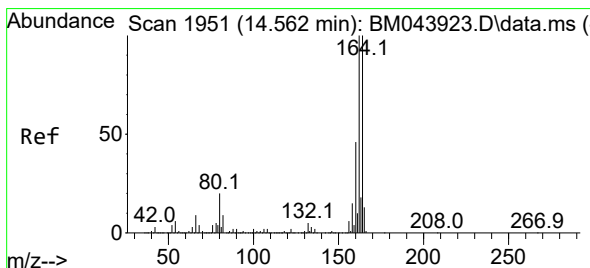
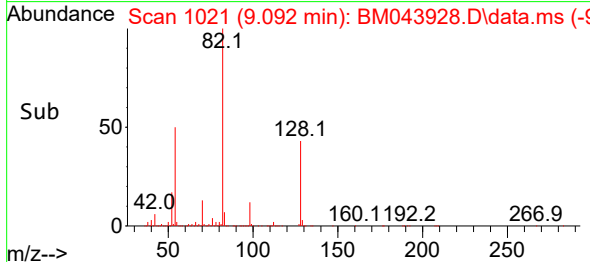
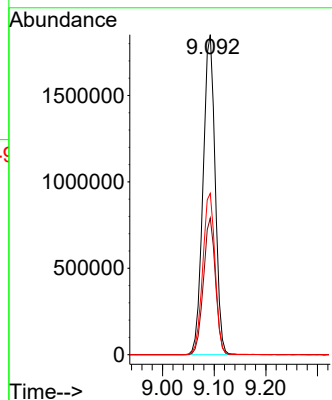
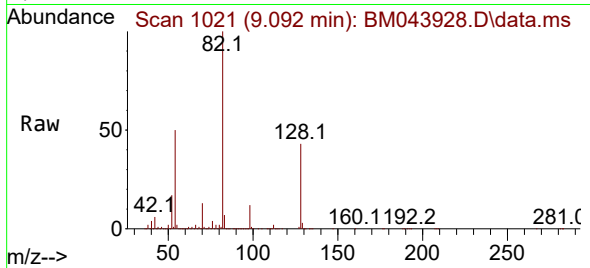




#23
Nitrobenzene-d5
Concen: 80.420 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

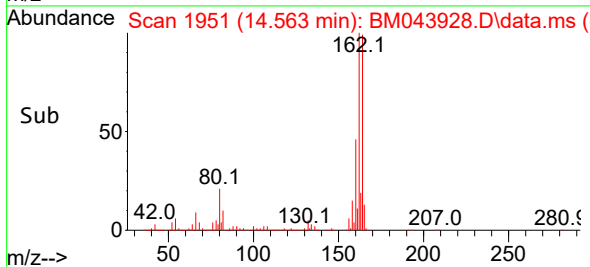
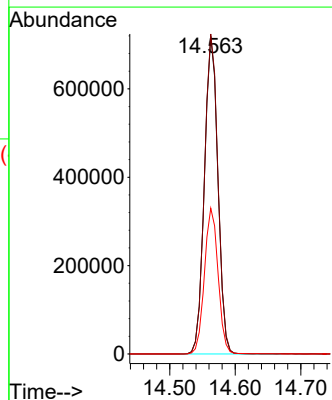
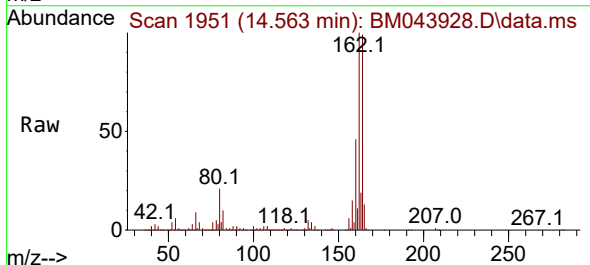
Instrument :
BNA_M
ClientSampleId :
PB158491BL

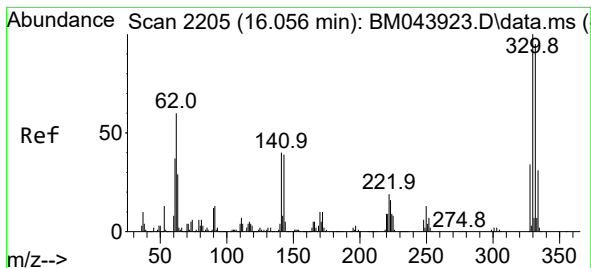
Tgt Ion: 82 Resp: 3011775
Ion Ratio Lower Upper
82 100
128 42.7 33.7 50.5
54 50.4 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

Tgt Ion:164 Resp: 1031533
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 45.9 36.6 55.0

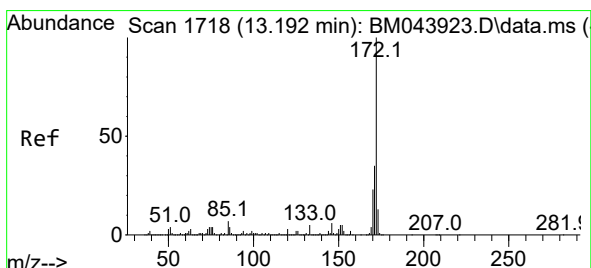
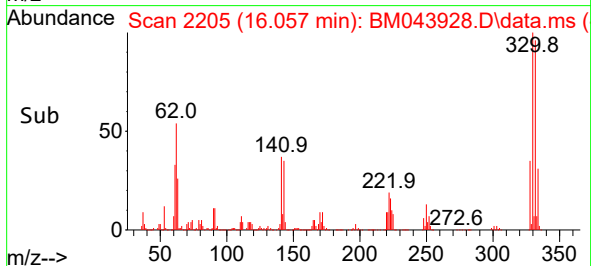
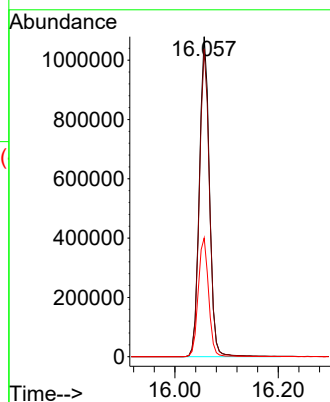
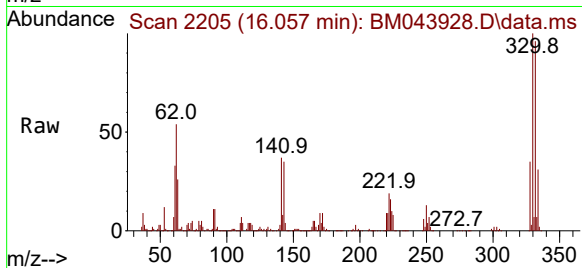




#42
2,4,6-Tribromophenol
Concen: 125.838 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

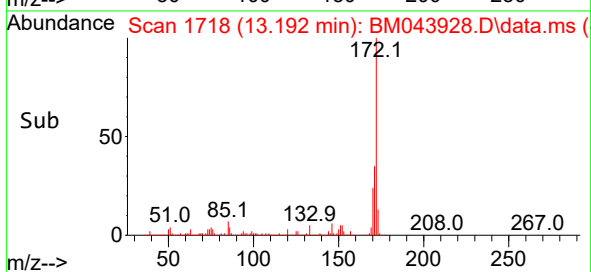
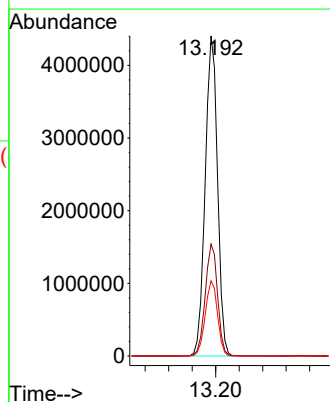
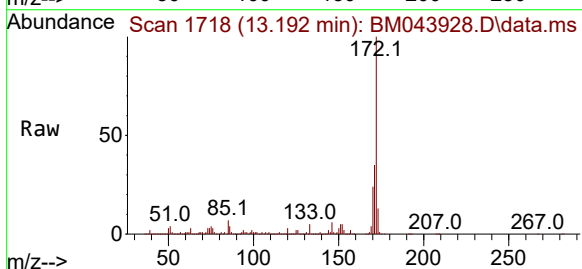
Instrument :
BNA_M
ClientSampleId :
PB158491BL

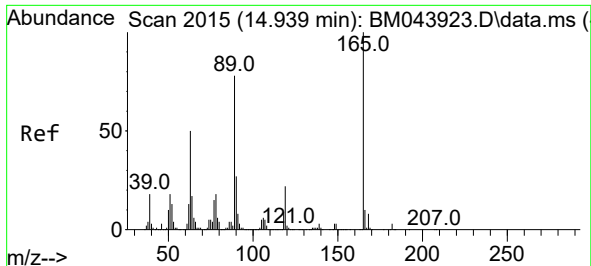
Tgt Ion:330 Resp: 1459862
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 38.2 31.8 47.6



#45
2-Fluorobiphenyl
Concen: 80.196 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

Tgt Ion:172 Resp: 6403306
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.5 18.8 28.2





#57

2,4-Dinitrotoluene

Concen: 3.820 ng

RT: 14.921 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BM043928.D

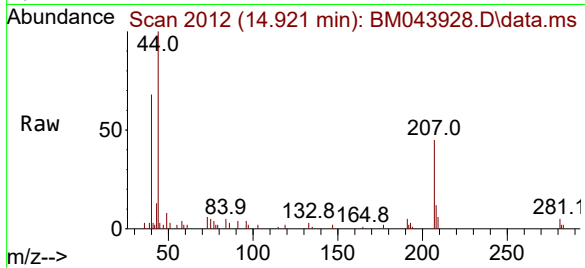
Acq: 30 Jan 2024 16:43

Instrument :

BNA_M

ClientSampleId :

PB158491BL



Tgt Ion:165 Resp: 60

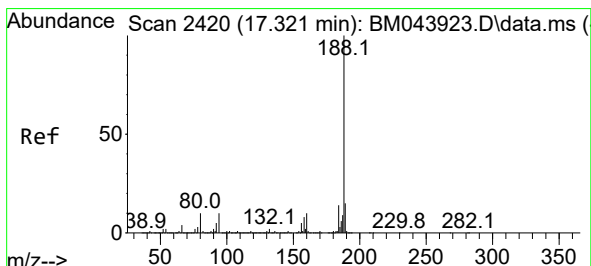
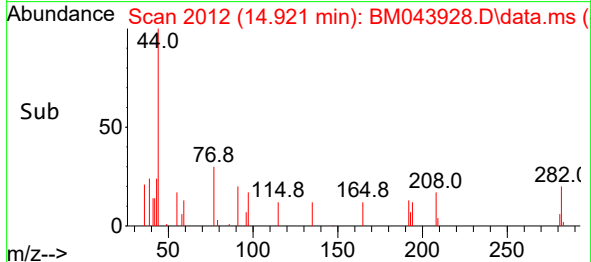
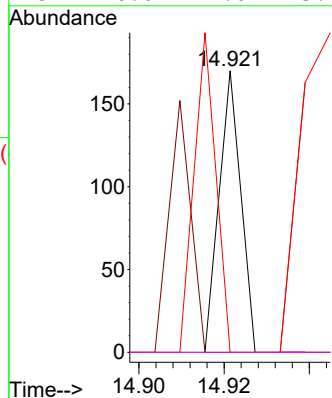
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.2#

89 0.0 62.4 93.6#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM043928.D

Acq: 30 Jan 2024 16:43

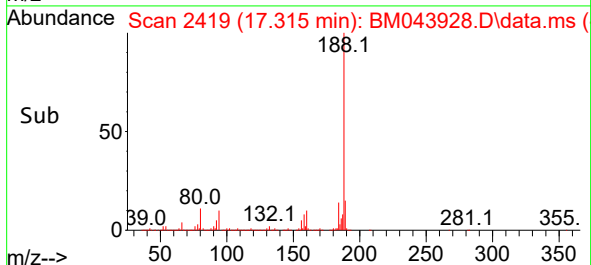
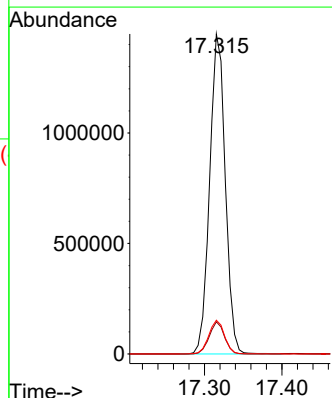
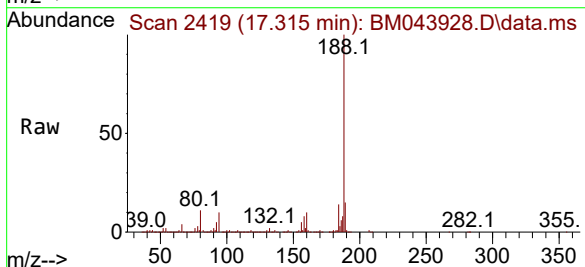
Tgt Ion:188 Resp: 2029332

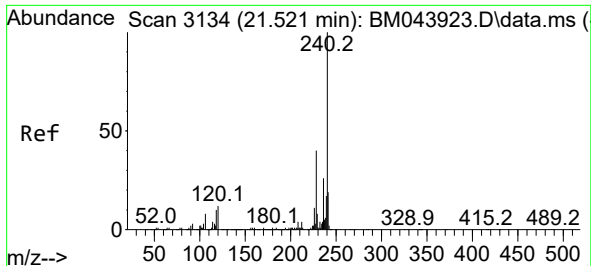
Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.5 8.2 12.4

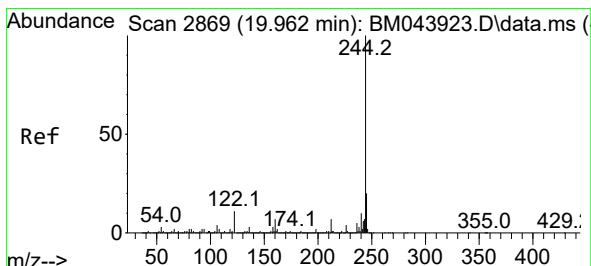
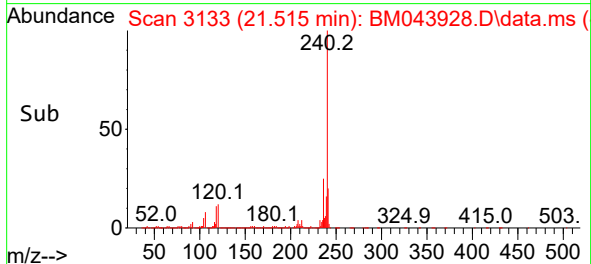
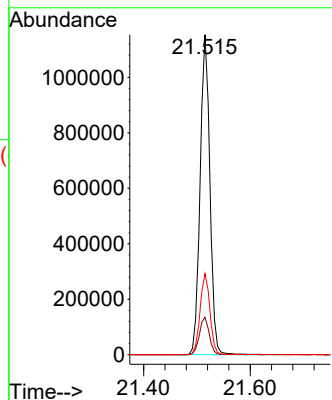
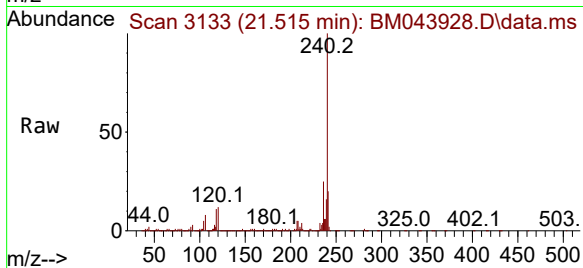




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

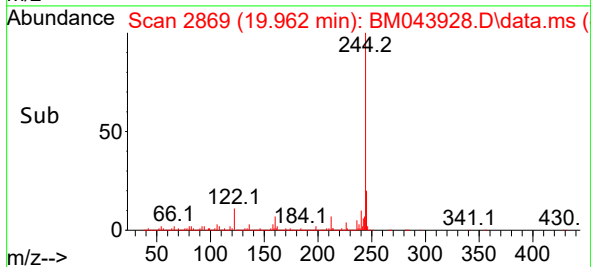
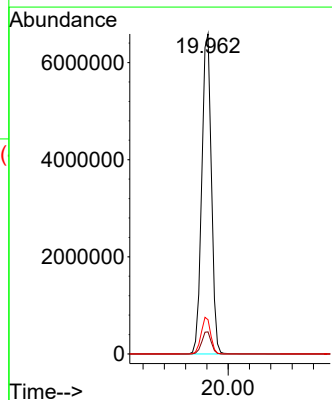
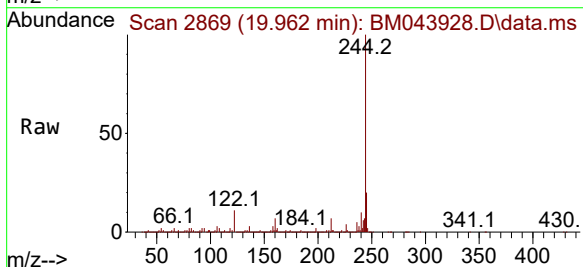
Instrument :
BNA_M
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PB158491BL

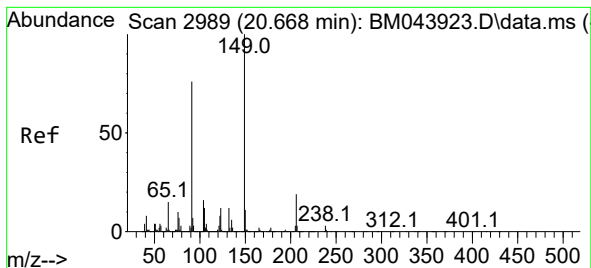
Tgt Ion:240 Resp: 1464482
Ion Ratio Lower Upper
240 100
120 11.7 9.3 13.9
236 25.4 20.4 30.6



#79
Terphenyl-d14
Concen: 95.982 ng
RT: 19.962 min Scan# 2869
Delta R.T. 0.000 min
Lab File: BM043928.D
Acq: 30 Jan 2024 16:43

Tgt Ion:244 Resp: 8242377
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.7 8.6 12.8





#80

Butylbenzylphthalate

Concen: 5.451 ng

RT: 20.668 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BM043928.D

Acq: 30 Jan 2024 16:43

Instrument :

BNA_M

ClientSampleId :

PB158491BL

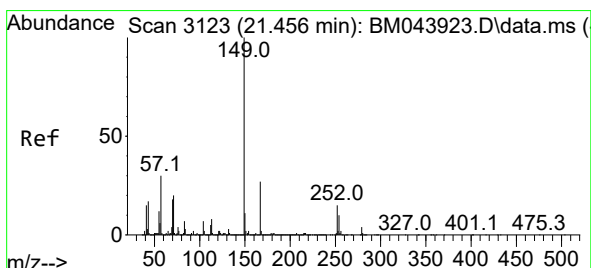
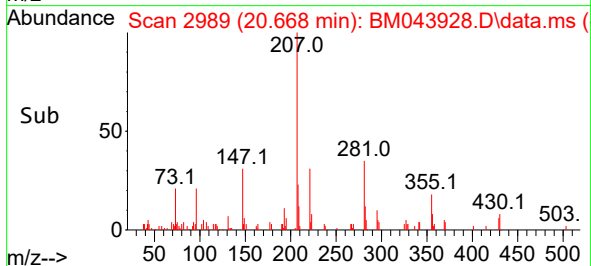
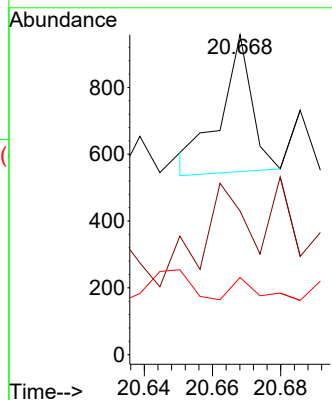
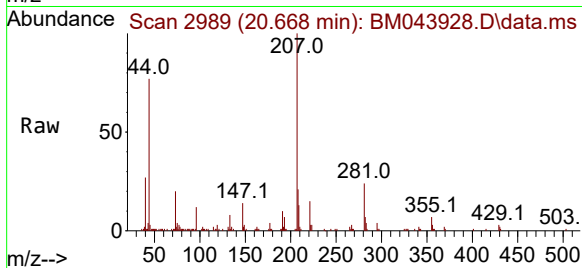
Tgt Ion:149 Resp: 262

Ion Ratio Lower Upper

149 100

91 44.9 60.5 90.7#

206 24.1 15.1 22.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.176 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043928.D

Acq: 30 Jan 2024 16:43

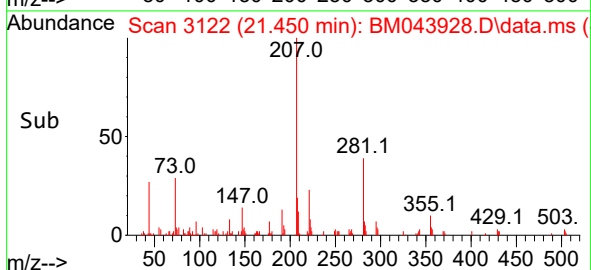
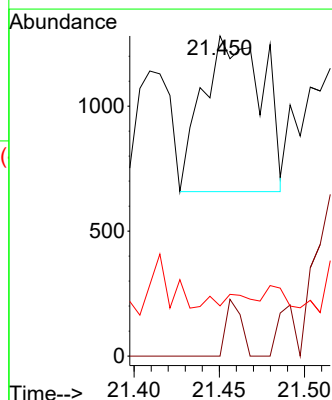
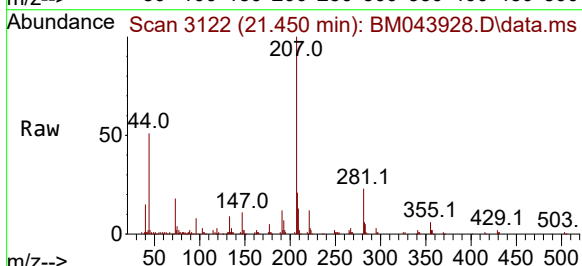
Tgt Ion:149 Resp: 1517

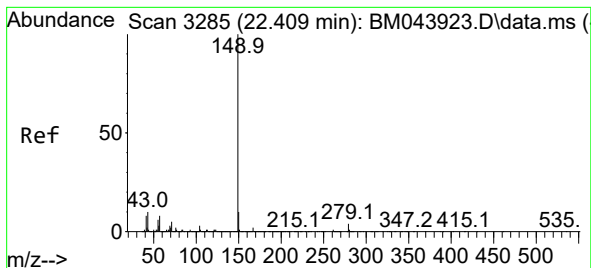
Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.6#

279 15.7 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 6.550 ng

RT: 22.403 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043928.D

Acq: 30 Jan 2024 16:43

Instrument :

BNA_M

ClientSampleId :

PB158491BL

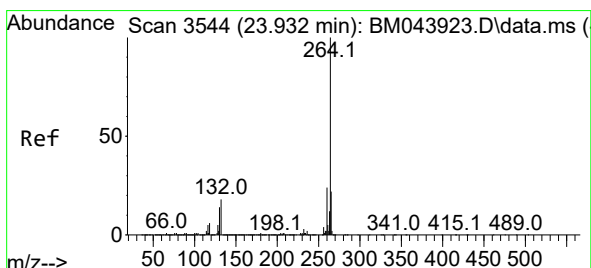
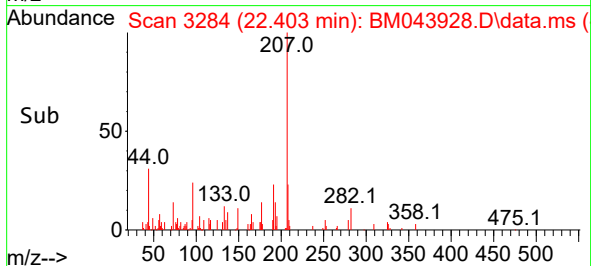
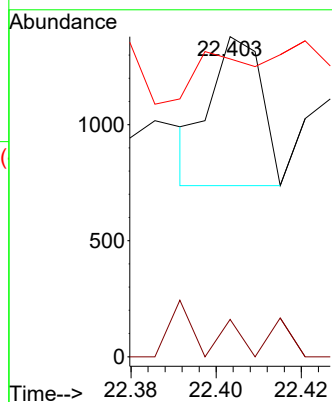
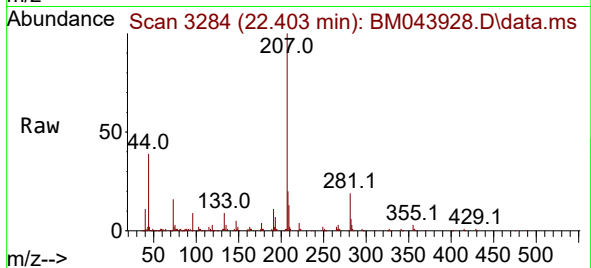
Tgt Ion:149 Resp: 530

Ion Ratio Lower Upper

149 100

167 38.1 1.2 1.8#

43 34.3 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043928.D

Acq: 30 Jan 2024 16:43

Tgt Ion:264 Resp: 1488094

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.6 17.5 26.3

