

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
 Data File : BM043917.D
 Acq On : 26 Jan 2024 16:41
 Operator : MA/JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158491BL

Quant Time: Jan 27 05:01:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 04:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	405173	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1595463	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	887910	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1770883	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1371084	20.000	ng	0.00
86) Perylene-d12	23.927	264	1421842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2895432	108.362	ng	0.00
7) Phenol-d6	7.087	99	3672933	102.581	ng	0.00
23) Nitrobenzene-d5	9.092	82	2186083	66.684	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1065690	101.303	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4664472	66.626	ng	0.00
79) Terphenyl-d14	19.956	244	6611083	77.298	ng	0.00

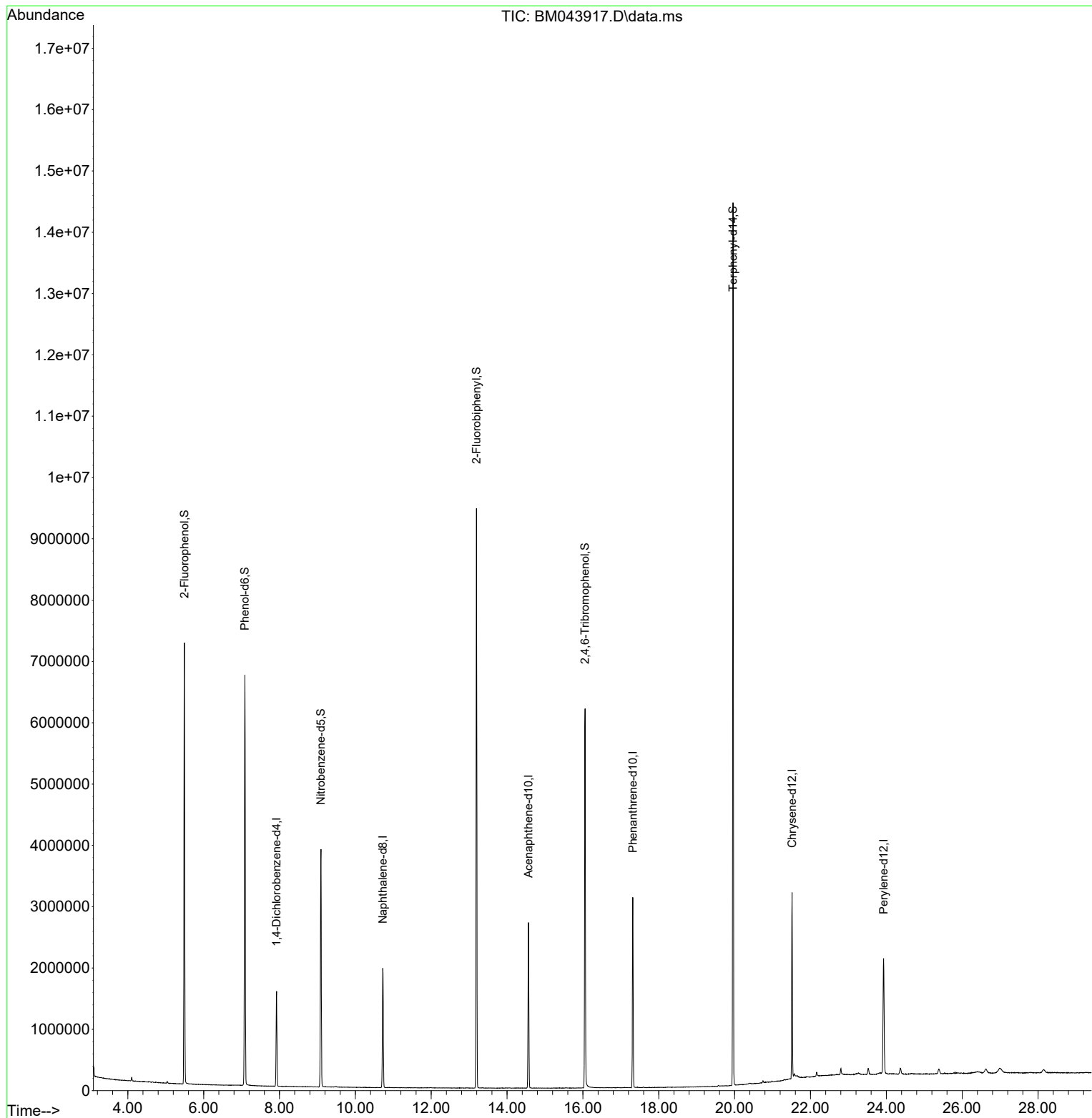
Target Compounds	Qvalue

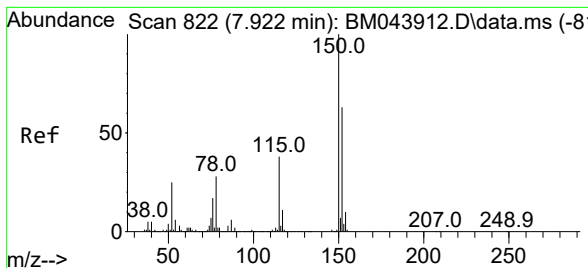
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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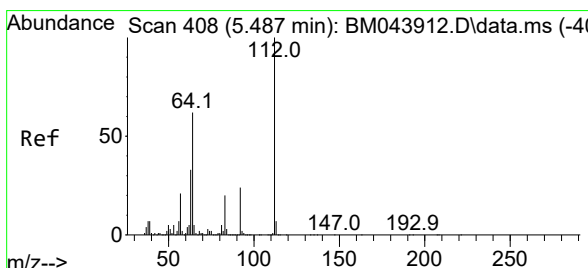
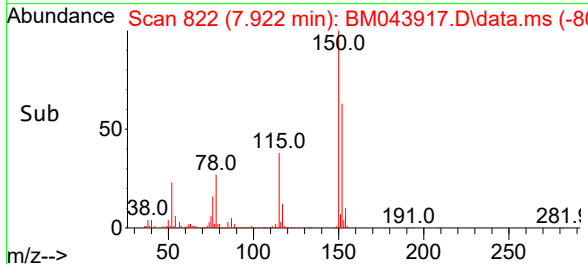
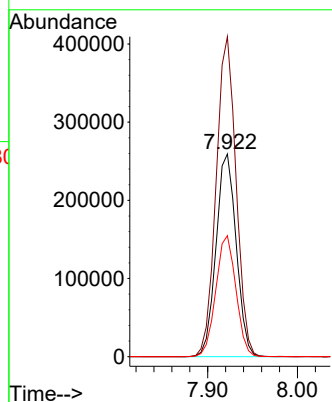
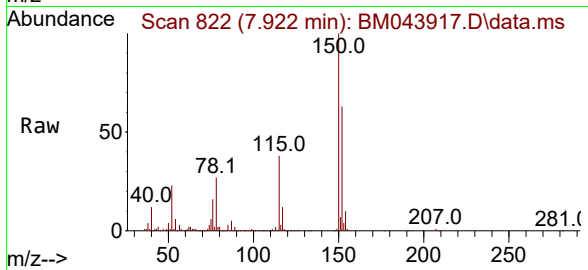




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043917.D
 Acq: 26 Jan 2024 16:41

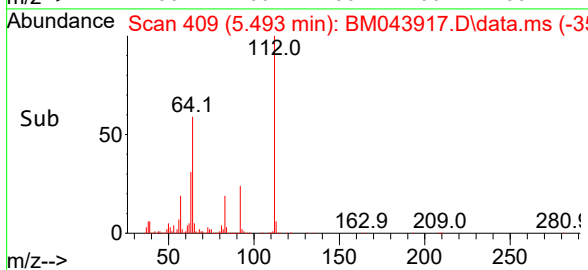
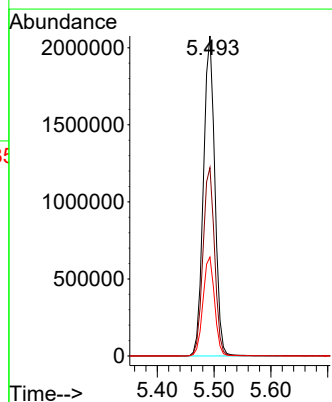
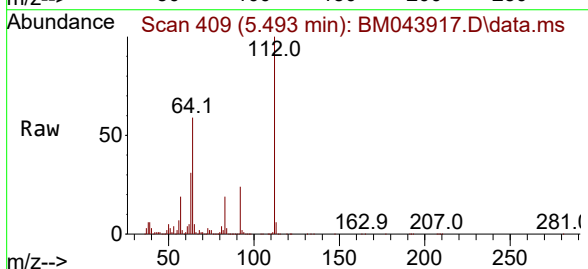
Instrument :
 BNA_M
 ClientSampleId :
 PB158491BL

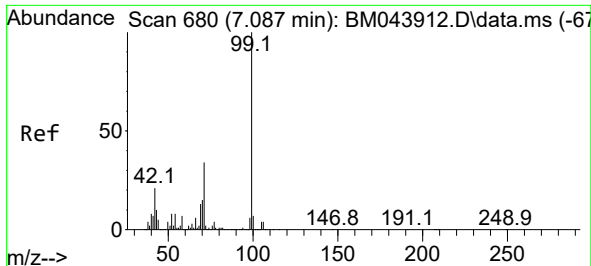
Tgt Ion:152 Resp: 405173
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.7 190.1
 115 59.7 47.5 71.3



#5
 2-Fluorophenol
 Concen: 108.362 ng
 RT: 5.493 min Scan# 409
 Delta R.T. 0.006 min
 Lab File: BM043917.D
 Acq: 26 Jan 2024 16:41

Tgt Ion:112 Resp: 2895432
 Ion Ratio Lower Upper
 112 100
 64 58.9 49.4 74.2
 63 30.9 26.3 39.5

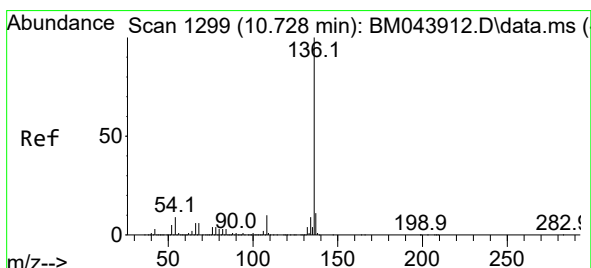
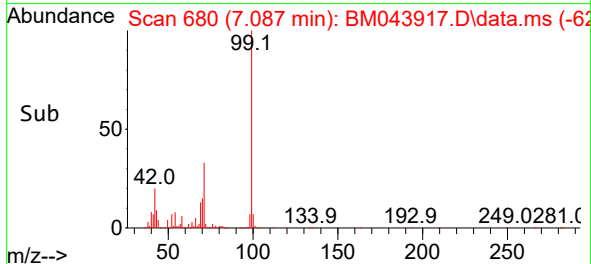
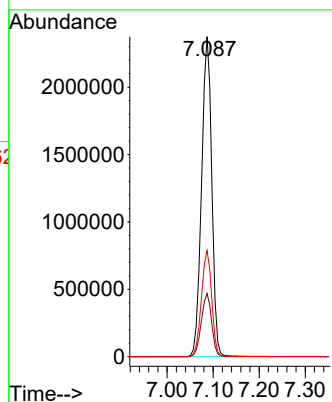
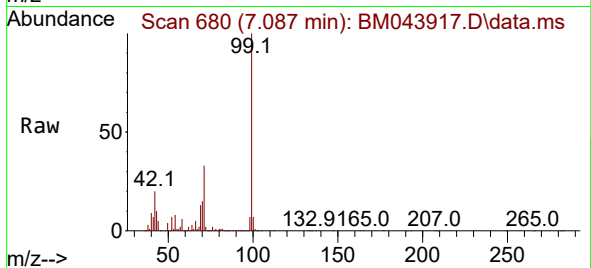




#7
Phenol-d6
Concen: 102.581 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM043917.D
Acq: 26 Jan 2024 16:41

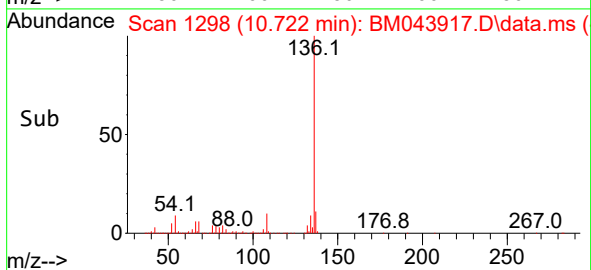
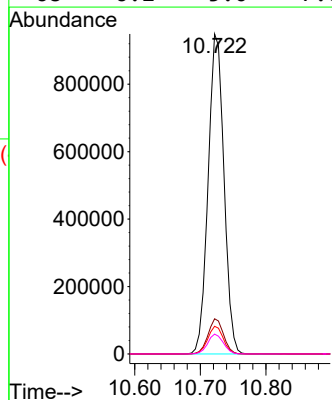
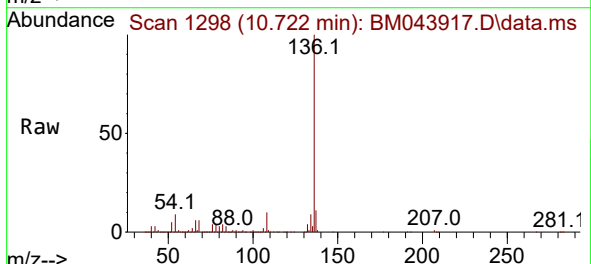
Instrument :
BNA_M
ClientSampleId :
PB158491BL

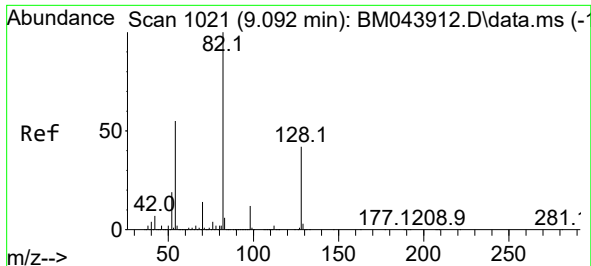
Tgt Ion: 99 Resp: 3672933
Ion Ratio Lower Upper
99 100
42 19.8 16.5 24.7
71 33.2 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM043917.D
Acq: 26 Jan 2024 16:41

Tgt Ion: 136 Resp: 1595463
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.6 7.0 10.4
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 66.684 ng

RT: 9.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM043917.D

Acq: 26 Jan 2024 16:41

Instrument :

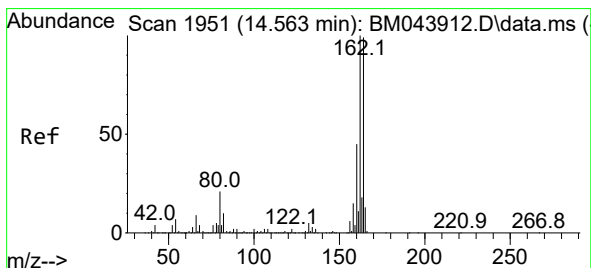
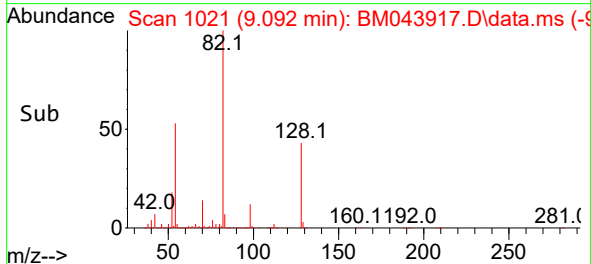
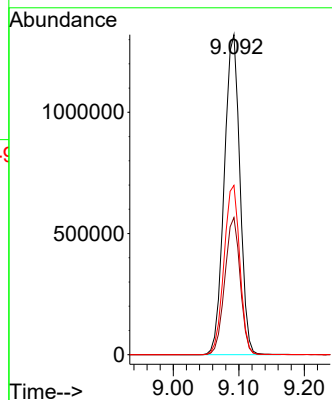
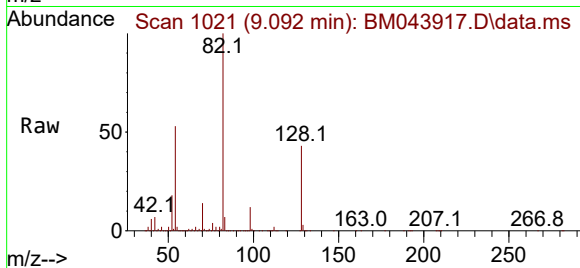
BNA_M

ClientSampleId :

PB158491BL

Tgt Ion: 82 Resp: 2186083

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.2	49.8
54	52.9	44.2	66.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

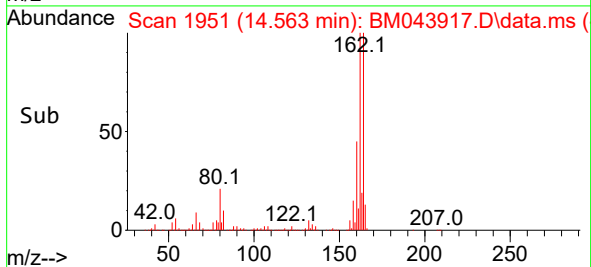
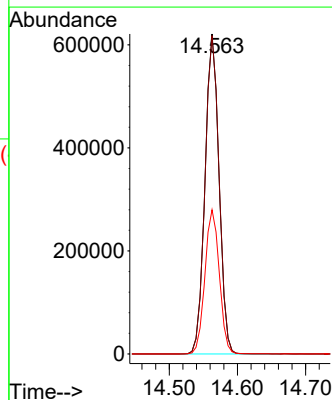
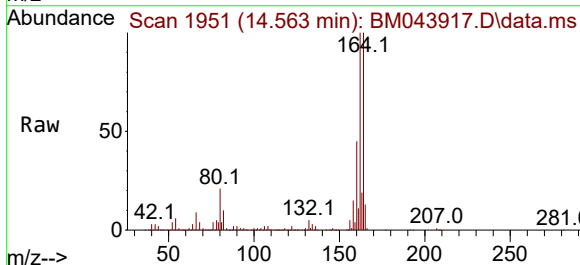
Delta R.T. -0.000 min

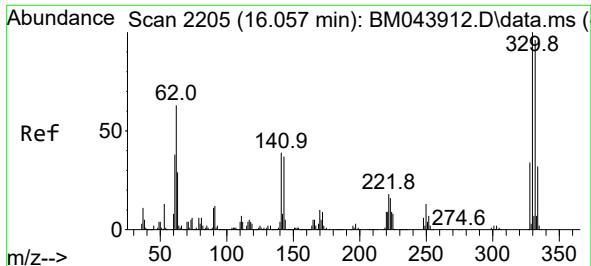
Lab File: BM043917.D

Acq: 26 Jan 2024 16:41

Tgt Ion: 164 Resp: 887910

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	45.1	36.6	55.0

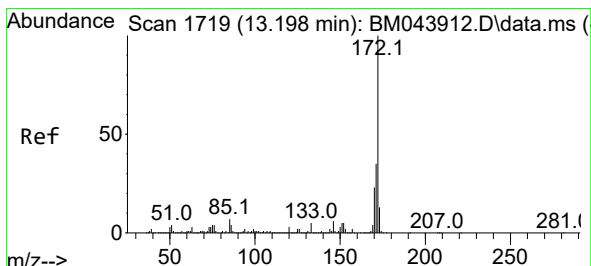
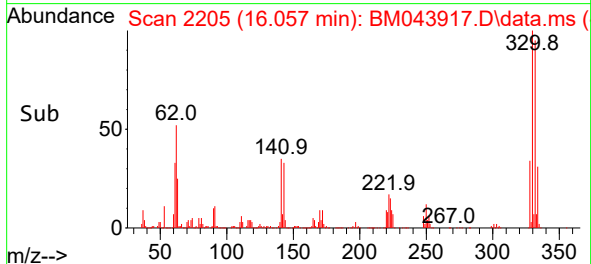
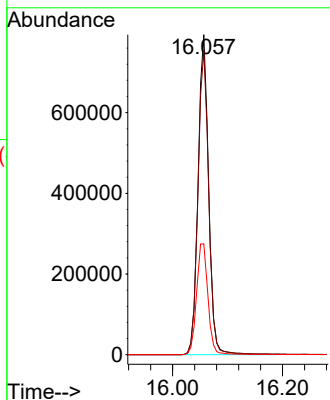
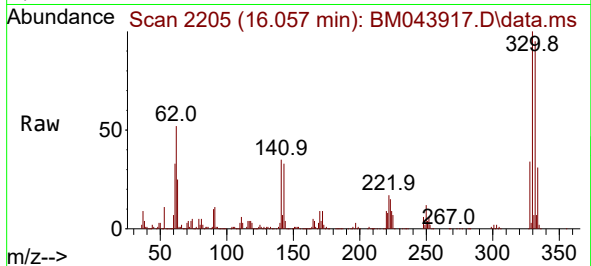




#42
2,4,6-Tribromophenol
Concen: 101.303 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043917.D
Acq: 26 Jan 2024 16:41

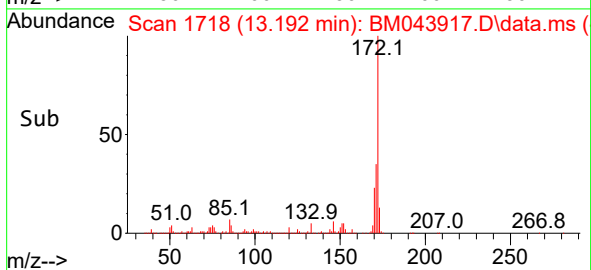
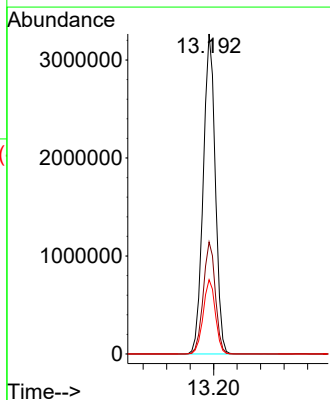
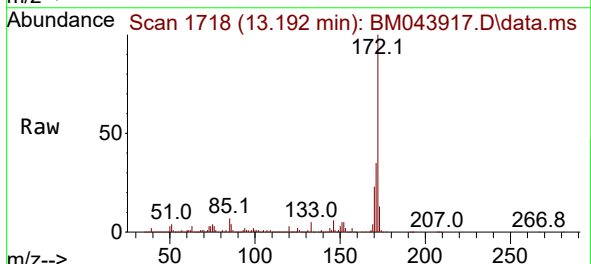
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BNA_M
ClientSampleId :
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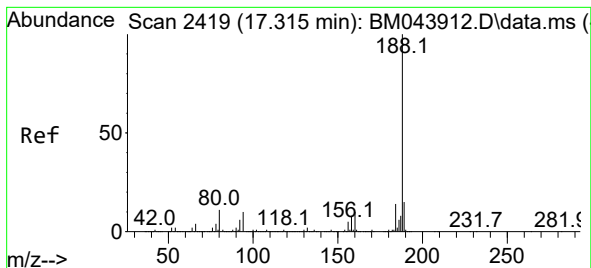
Tgt Ion:330 Resp: 1065690
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 37.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 66.626 ng
RT: 13.192 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM043917.D
Acq: 26 Jan 2024 16:41

Tgt Ion:172 Resp: 4664472
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM043917.D

Acq: 26 Jan 2024 16:41

Instrument :

BNA_M

ClientSampleId :

PB158491BL

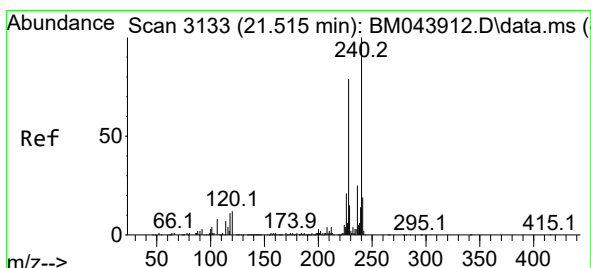
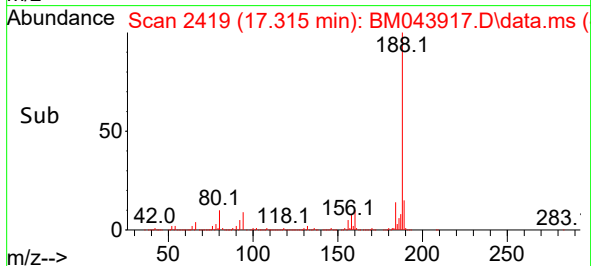
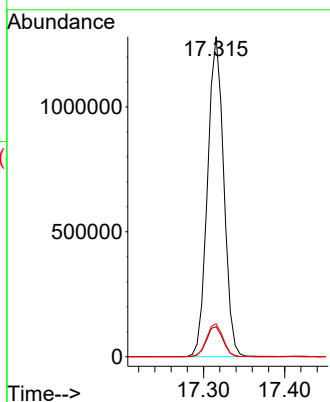
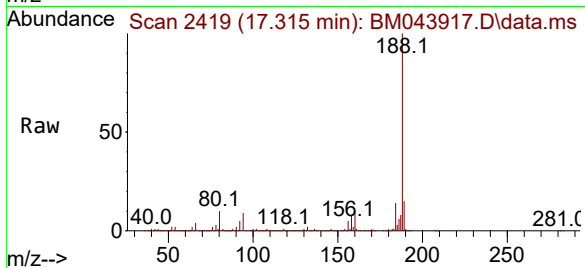
Tgt Ion:188 Resp: 1770883

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 10.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BM043917.D

Acq: 26 Jan 2024 16:41

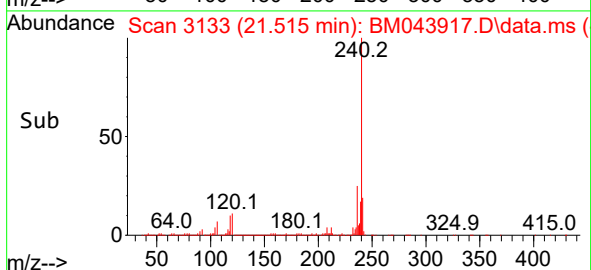
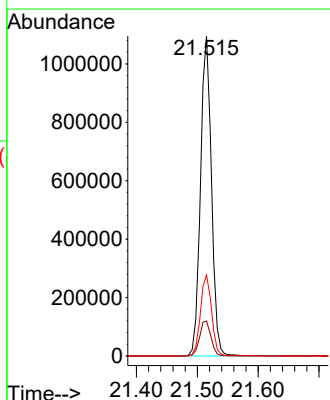
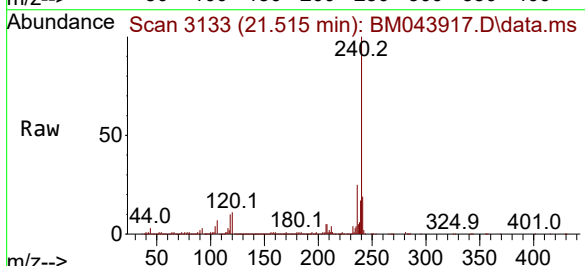
Tgt Ion:240 Resp: 1371084

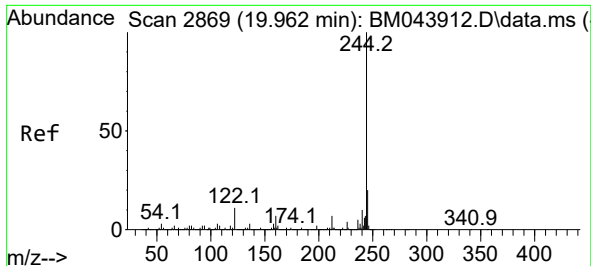
Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

236 25.3 20.3 30.5

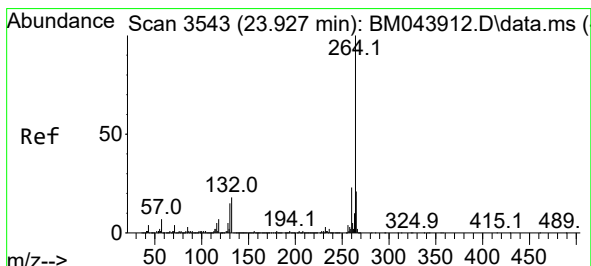
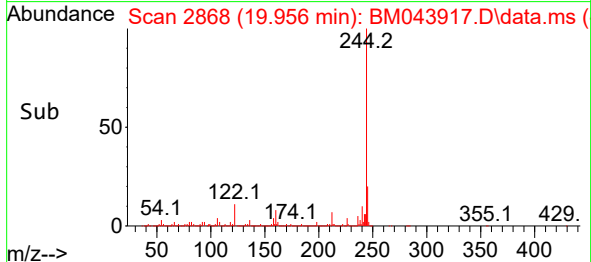
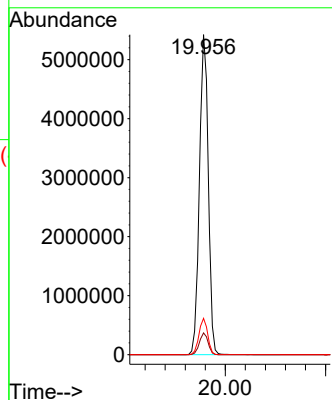
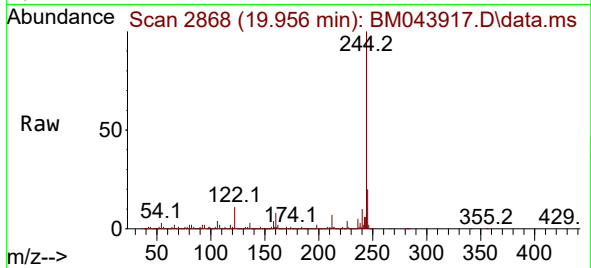




#79
 Terphenyl-d14
 Concen: 77.298 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM043917.D
 Acq: 26 Jan 2024 16:41

Instrument :
 BNA_M
 ClientSampleId :
 PB158491BL

Tgt Ion:244 Resp: 6611083
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3543
 Delta R.T. 0.000 min
 Lab File: BM043917.D
 Acq: 26 Jan 2024 16:41

Tgt Ion:264 Resp: 1421842
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.7 17.3 25.9

