

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044045.D
 Acq On : 09 Feb 2024 18:30
 Operator : MA/JU
 Sample : PB158272BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158272BL

Quant Time: Feb 09 22:57:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	458691	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1822763	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	976093	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	1877305	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1429126	20.000	ng	0.00
86) Perylene-d12	23.897	264	1539103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4018871	127.432	ng	0.00
7) Phenol-d6	7.075	99	4874151	121.469	ng	0.00
23) Nitrobenzene-d5	9.081	82	2903290	84.520	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1210954	114.582	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5815746	84.089	ng	0.00
79) Terphenyl-d14	19.945	244	6947440	85.221	ng	0.00

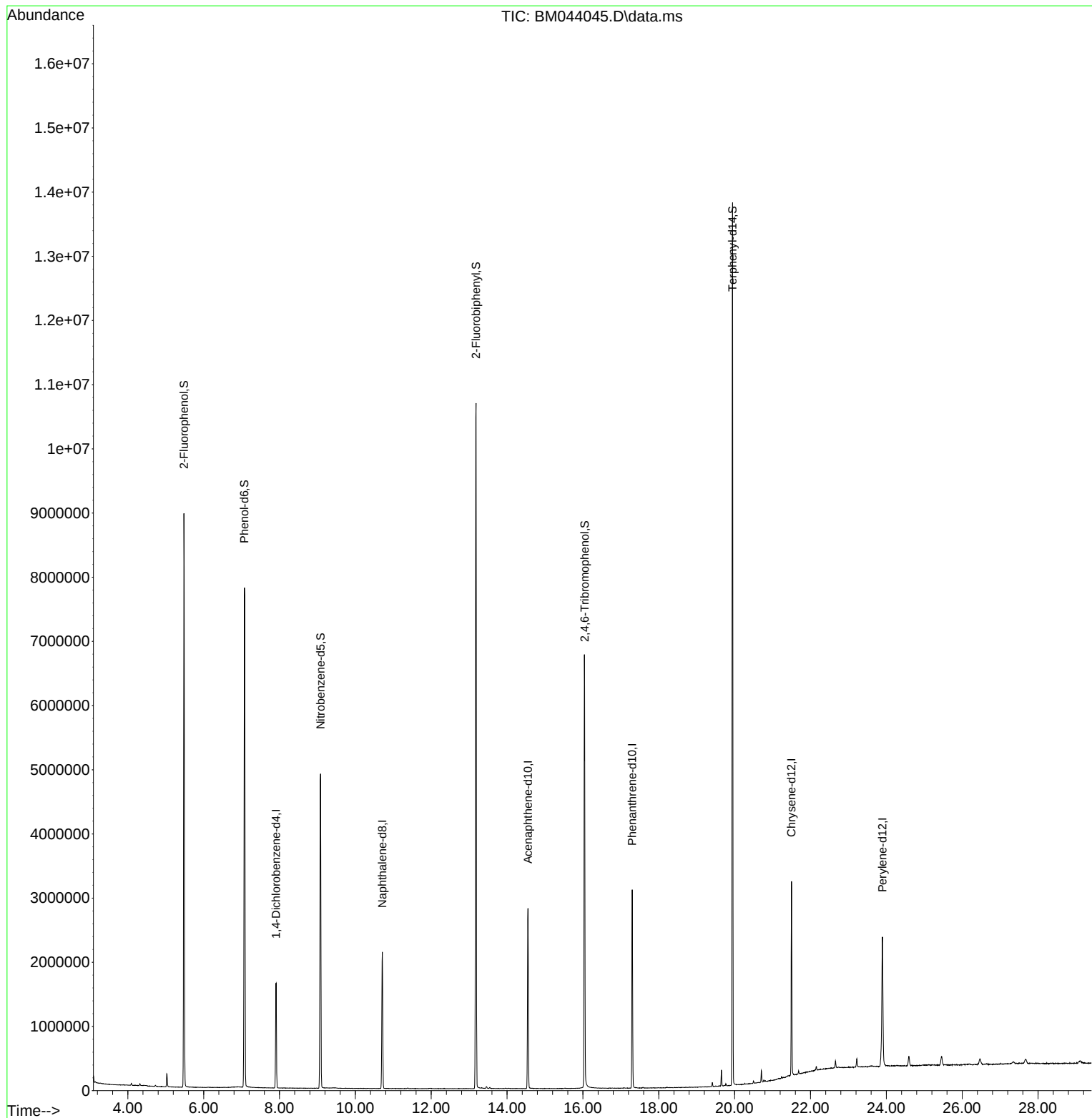
Target Compounds	Qvalue

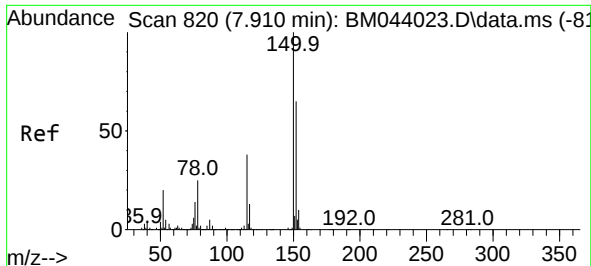
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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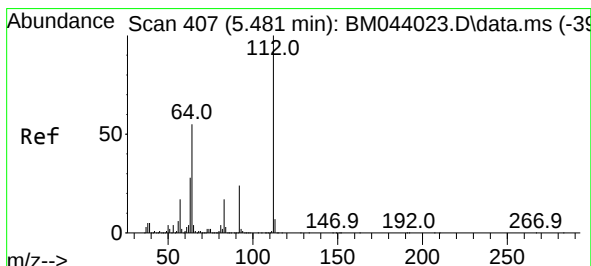
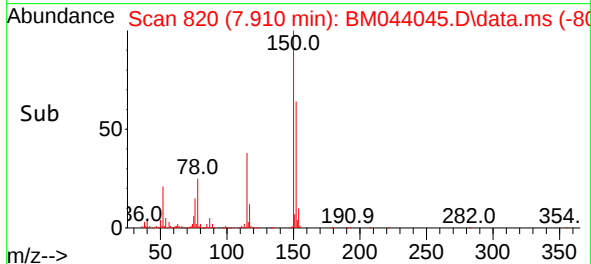
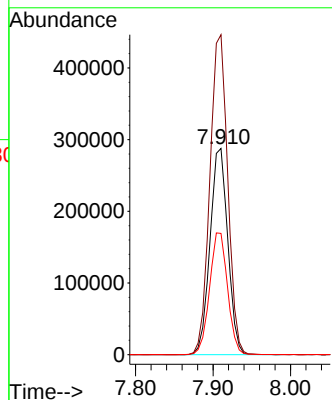
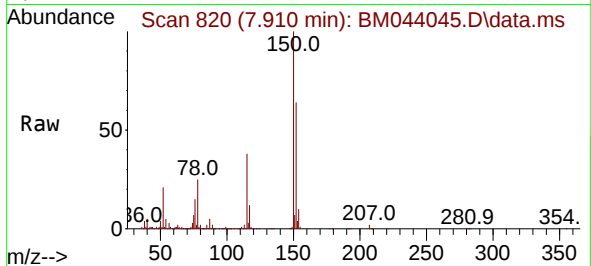




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

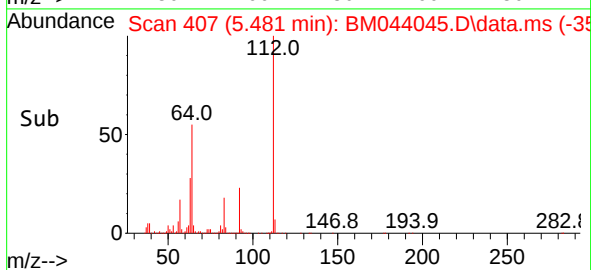
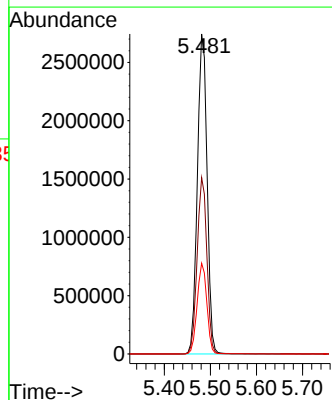
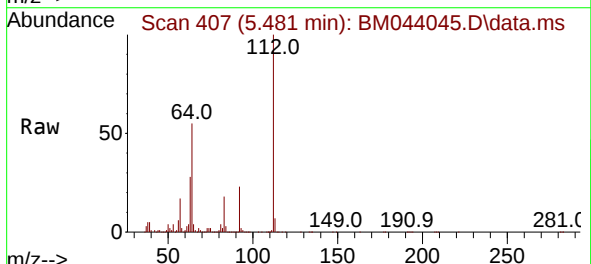
Instrument :
 BNA_M
 ClientSampleId :
 PB158272BL

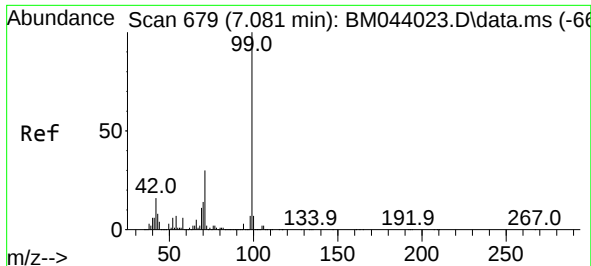
Tgt Ion:152 Resp: 458691
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.7 184.1
 115 58.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 127.432 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Tgt Ion:112 Resp: 4018871
 Ion Ratio Lower Upper
 112 100
 64 55.1 44.2 66.4
 63 28.3 22.6 34.0



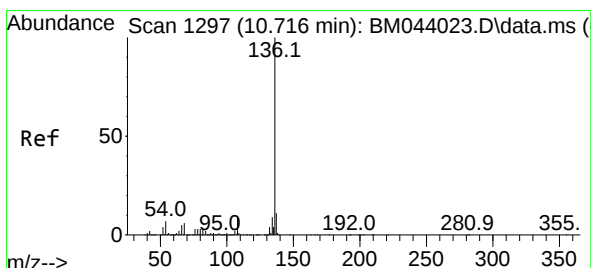
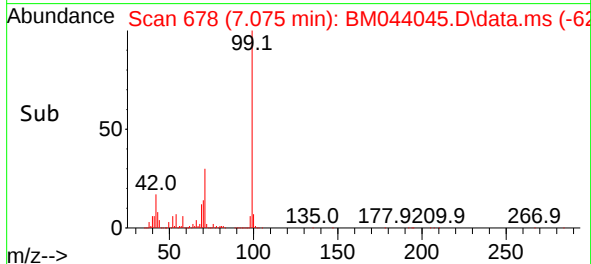
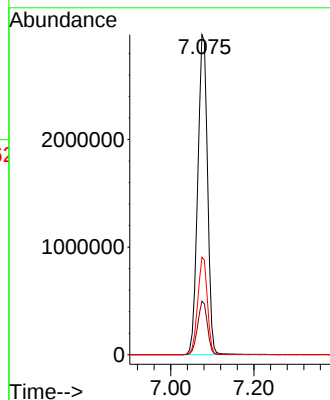
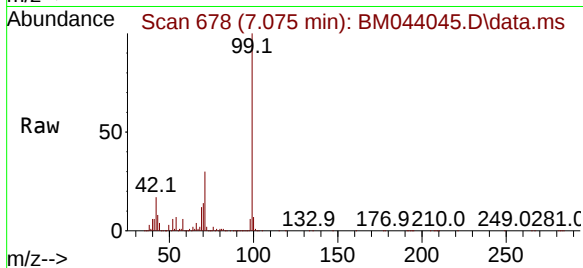


#7
Phenol-d6
Concen: 121.469 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Instrument :
BNA_M
ClientSampleId :
PB158272BL

Tgt Ion: 99 Resp: 4874151

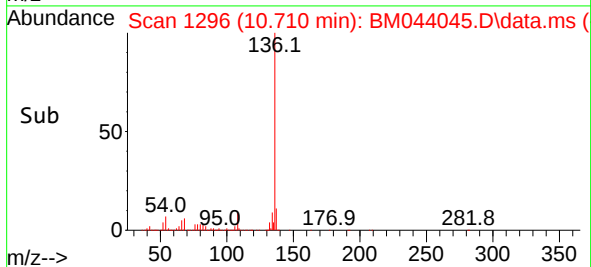
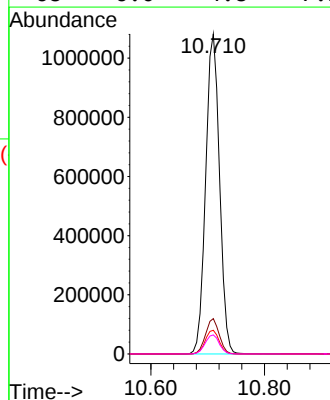
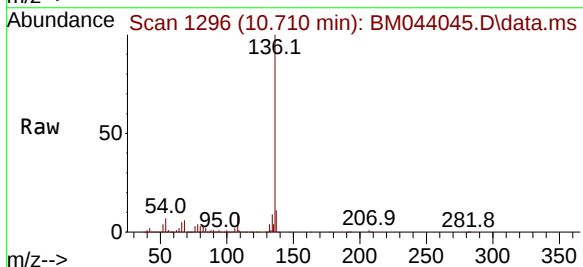
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.9	19.3
71	30.4	23.9	35.9

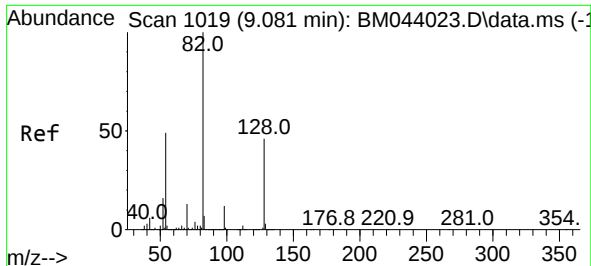


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion: 136 Resp: 1822763

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	5.9	8.9
68	6.0	4.8	7.2

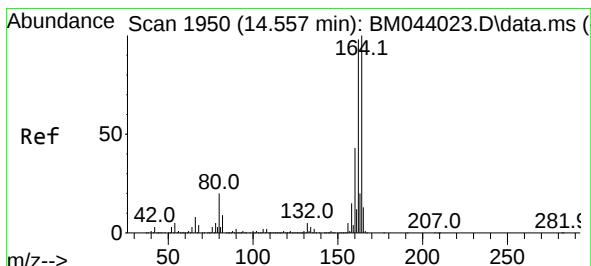
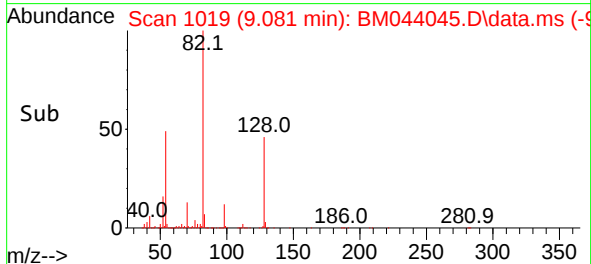
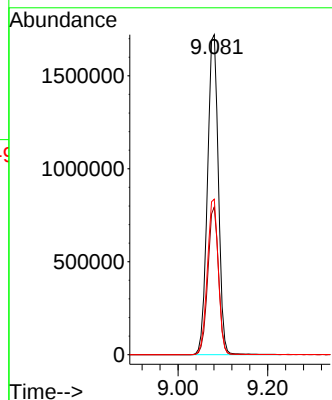
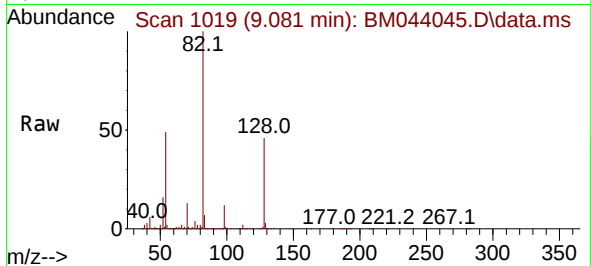




#23
Nitrobenzene-d5
Concen: 84.520 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

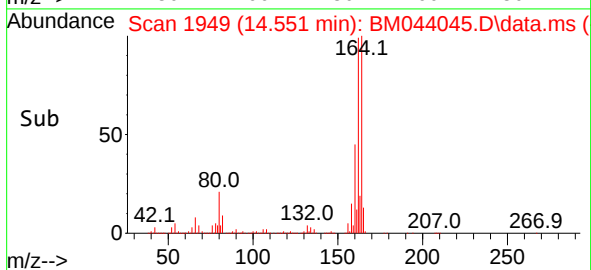
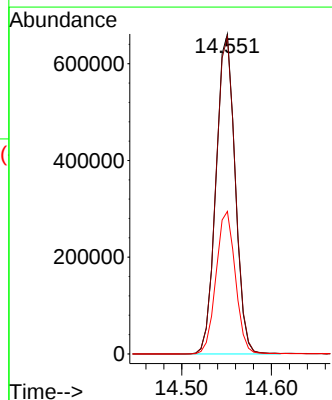
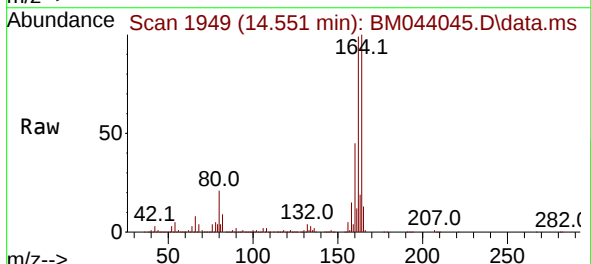
Instrument :
BNA_M
ClientSampleId :
PB158272BL

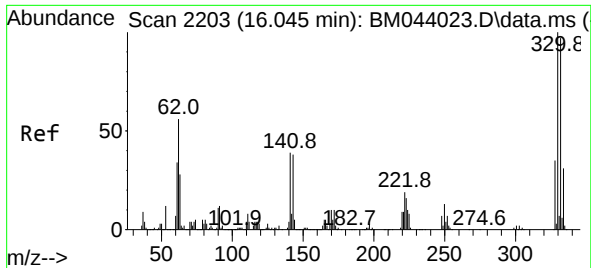
Tgt Ion: 82 Resp: 2903290
Ion Ratio Lower Upper
82 100
128 46.2 37.1 55.7
54 48.6 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:164 Resp: 976093
Ion Ratio Lower Upper
164 100
162 99.2 78.4 117.6
160 44.6 34.6 51.8

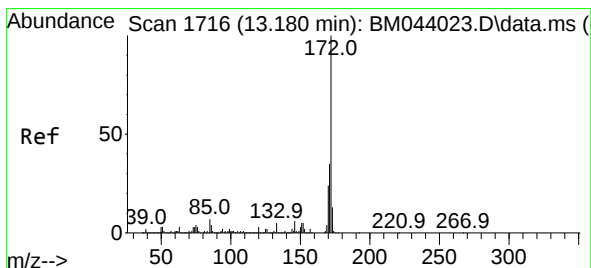
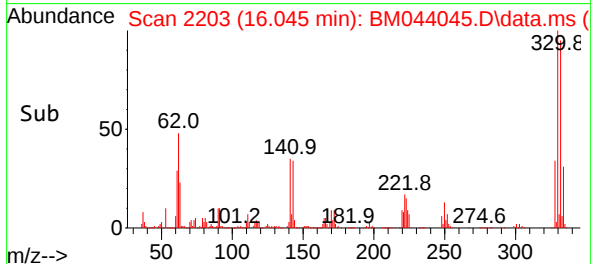
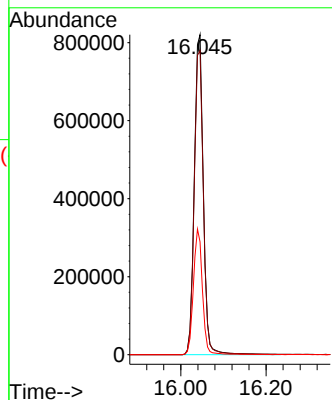
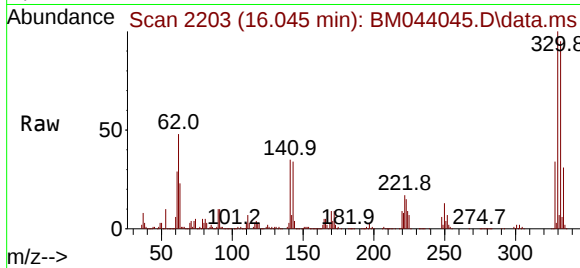




#42
2,4,6-Tribromophenol
Concen: 114.582 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

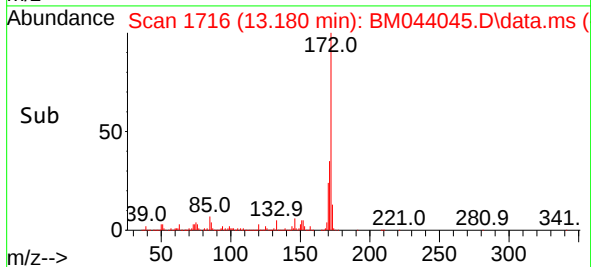
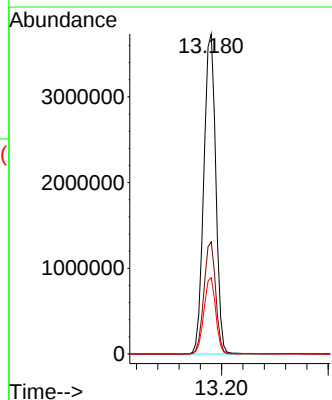
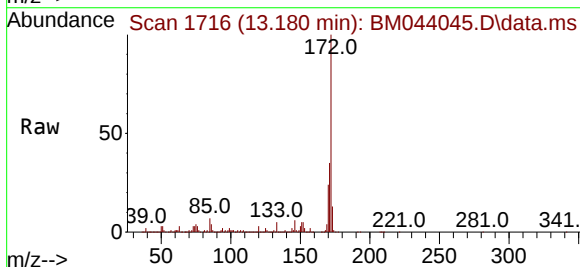
Instrument :
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ClientSampleId :
PB158272BL

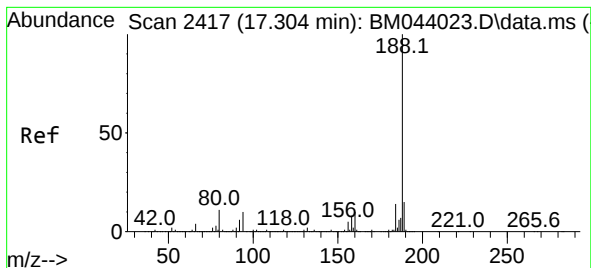
Tgt Ion:330 Resp: 1210954
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 39.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 84.089 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044045.D
Acq: 09 Feb 2024 18:30

Tgt Ion:172 Resp: 5815746
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

Instrument :

BNA_M

ClientSampleId :

PB158272BL

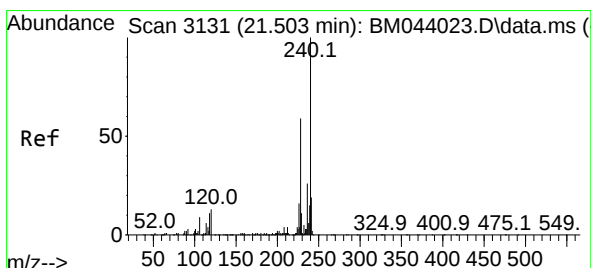
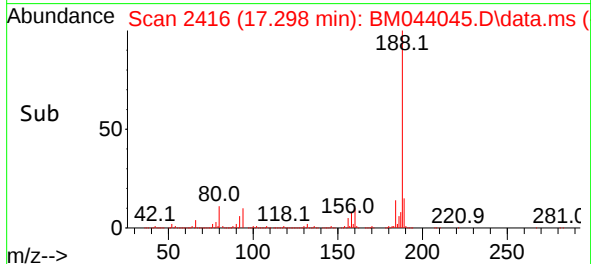
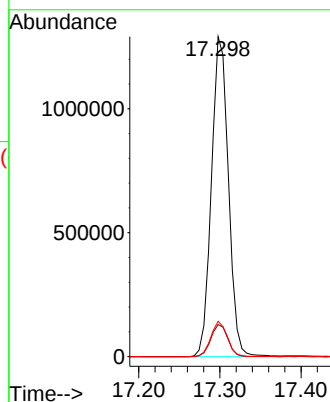
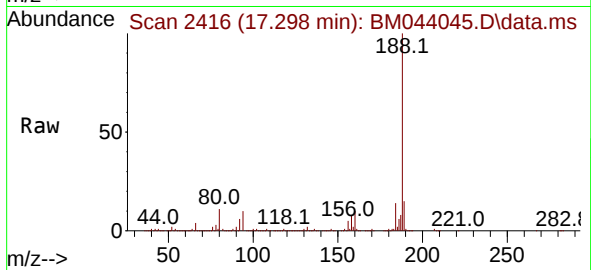
Tgt Ion:188 Resp: 1877305

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

80 11.1 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044045.D

Acq: 09 Feb 2024 18:30

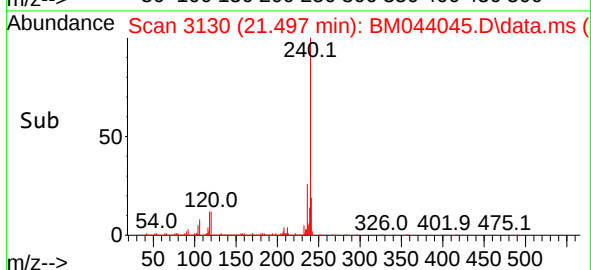
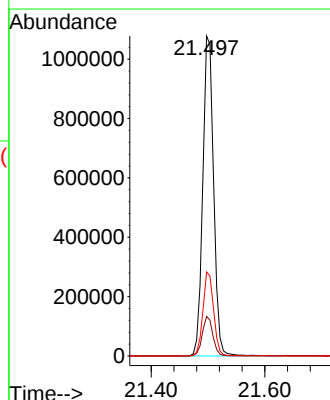
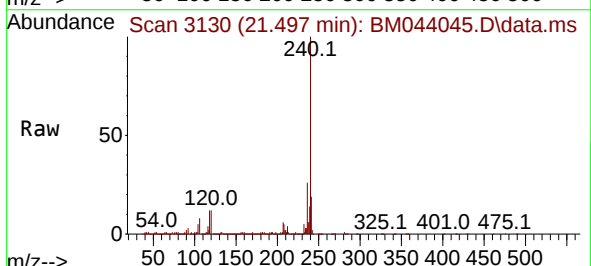
Tgt Ion:240 Resp: 1429126

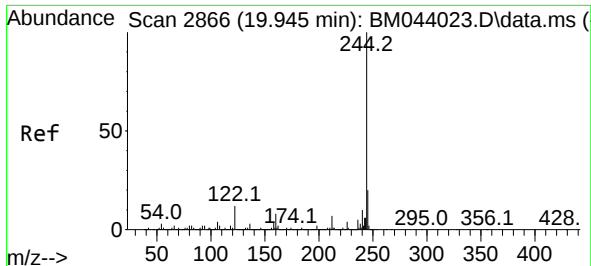
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 26.2 20.6 31.0

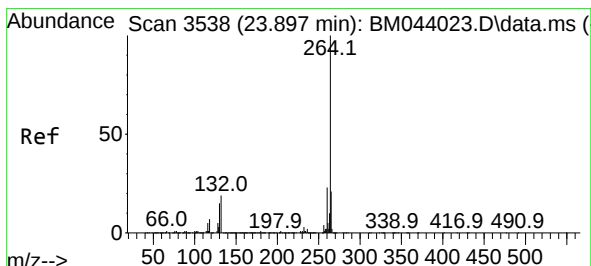
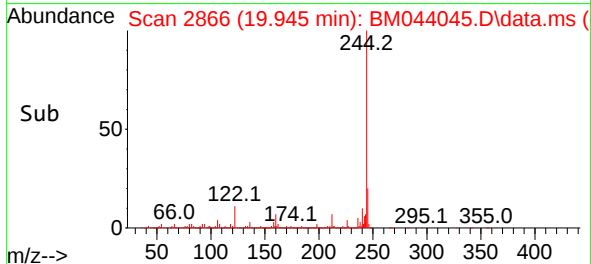
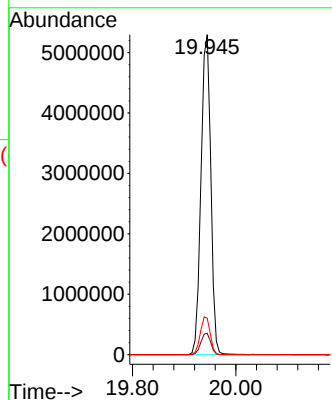
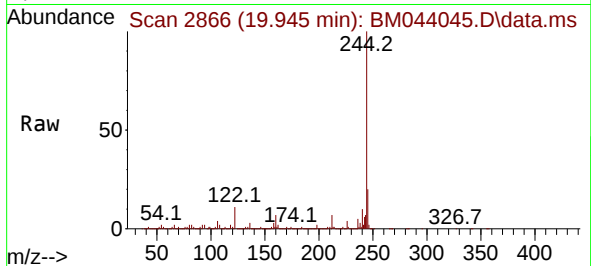




#79
 Terphenyl-d14
 Concen: 85.221 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Instrument :
 BNA_M
 ClientSampleId :
 PB158272BL

Tgt Ion:244 Resp: 6947440
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.4 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: BM044045.D
 Acq: 09 Feb 2024 18:30

Tgt Ion:264 Resp: 1539103
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.8 17.3 25.9

