

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044083.D
 Acq On : 14 Feb 2024 15:24
 Operator : MA/JU
 Sample : P1367-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-7-5-7

Quant Time: Feb 14 15:54:54 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	7.904	152	486426	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1972928	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1143990	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2283252	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1449929	20.000	ng	0.00
86) Perylene-d12	23.891	264	1411739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4677705	139.865	ng	0.00
7) Phenol-d6	7.075	99	5512086	129.535	ng	0.00
23) Nitrobenzene-d5	9.075	82	3569508	96.005	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1668912	134.739	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	7084958	87.406	ng	0.00
79) Terphenyl-d14	19.945	244	8239601	99.621	ng	0.00

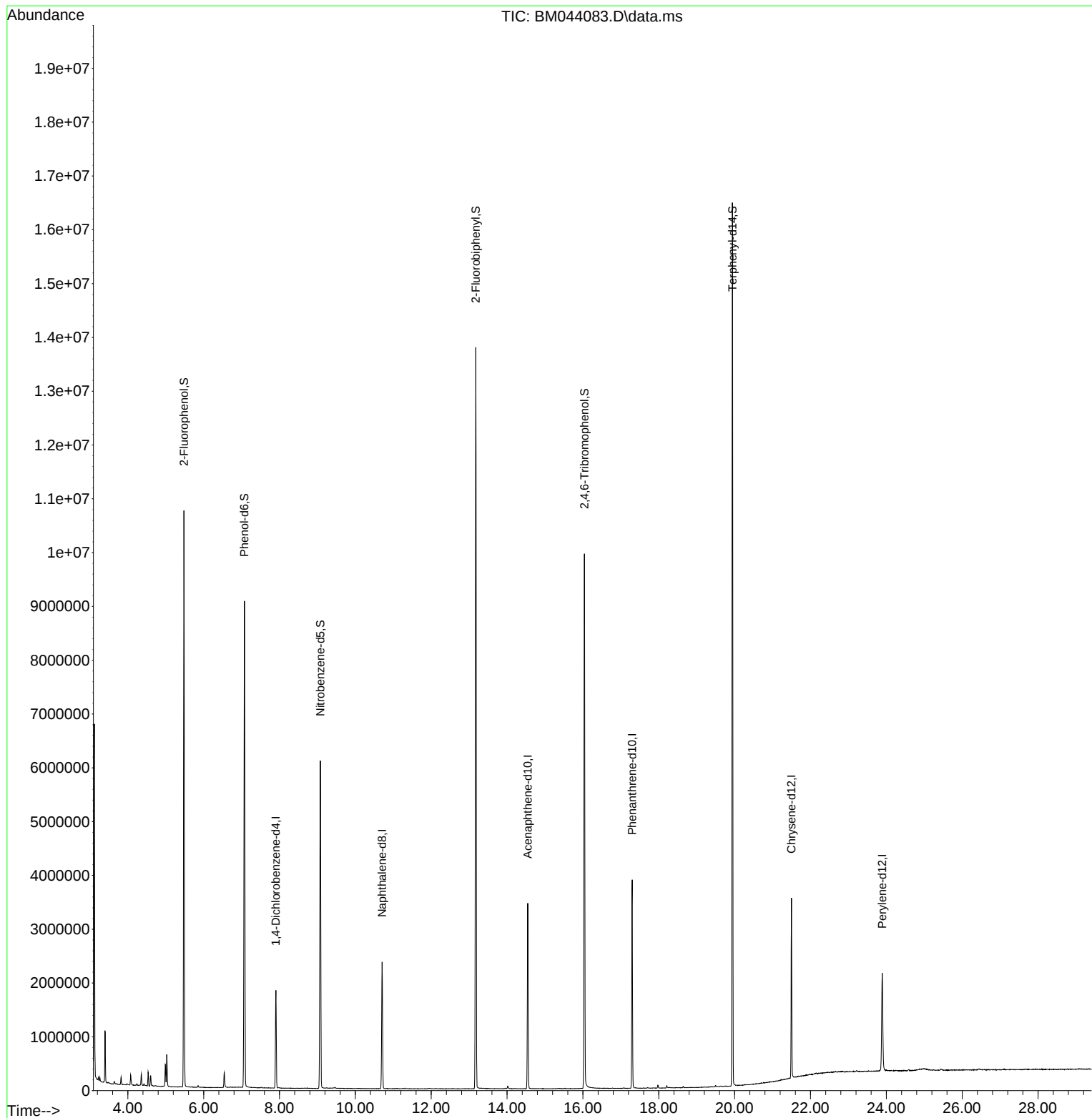
Target Compounds	Qvalue

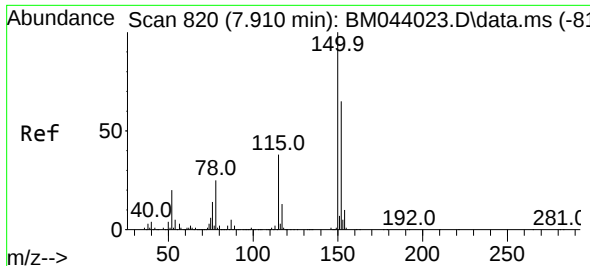
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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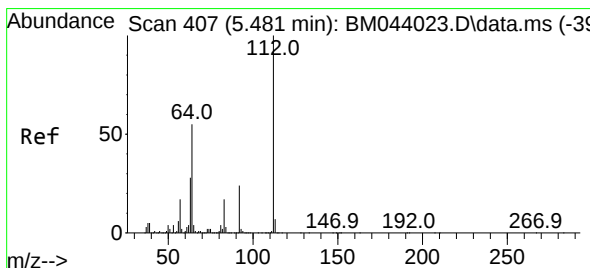
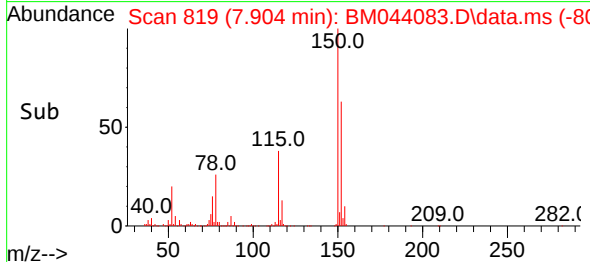
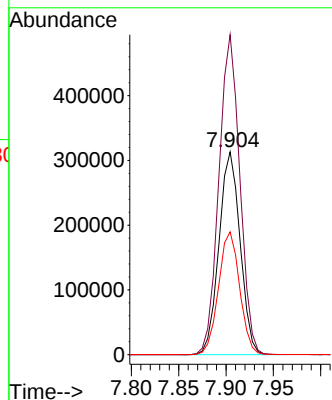
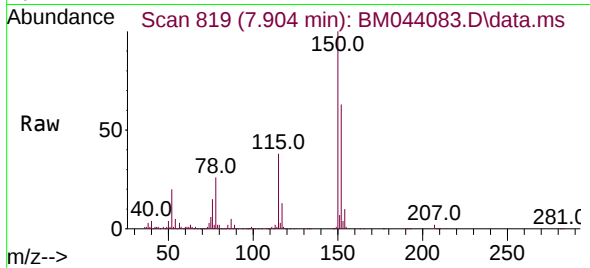




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044083.D
 Acq: 14 Feb 2024 15:24

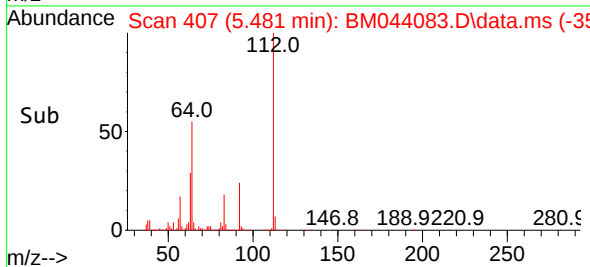
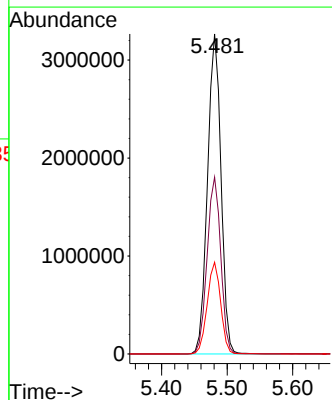
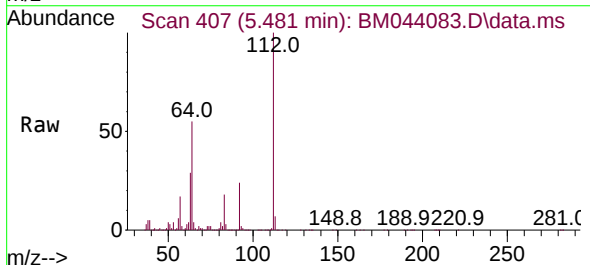
Instrument :
 BNA_M
 ClientSampleId :
 EB-7-5-7

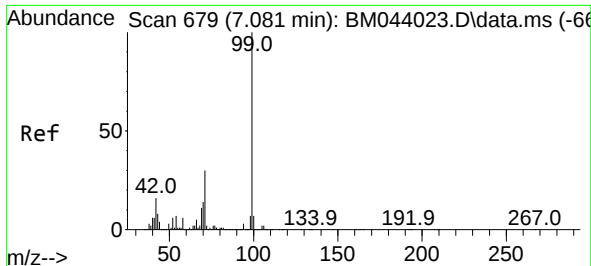
Tgt Ion:152 Resp: 486426
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.7 184.1
 115 60.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 139.865 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044083.D
 Acq: 14 Feb 2024 15:24

Tgt Ion:112 Resp: 4677705
 Ion Ratio Lower Upper
 112 100
 64 55.3 44.2 66.4
 63 28.6 22.6 34.0

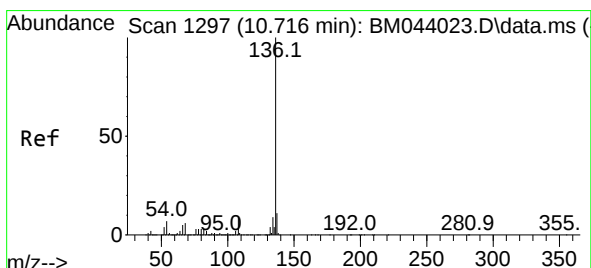
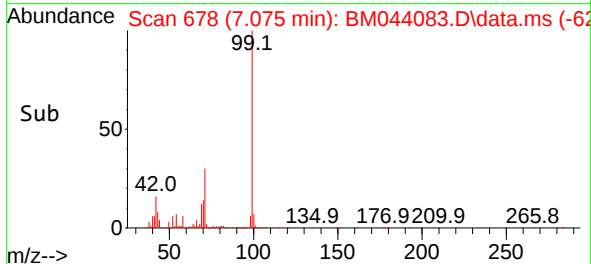
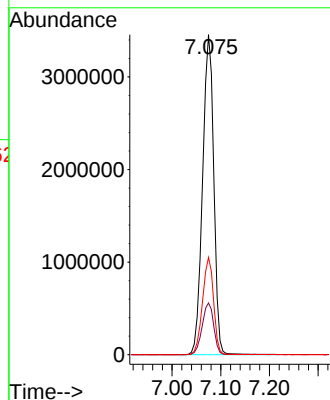
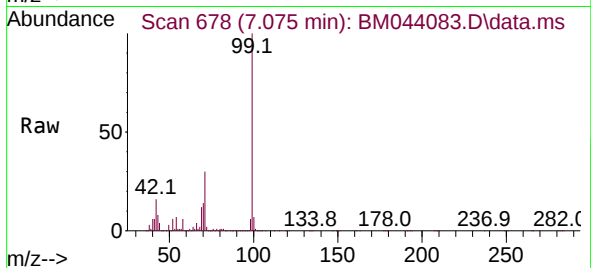




#7
Phenol-d6
Concen: 129.535 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044083.D
Acq: 14 Feb 2024 15:24

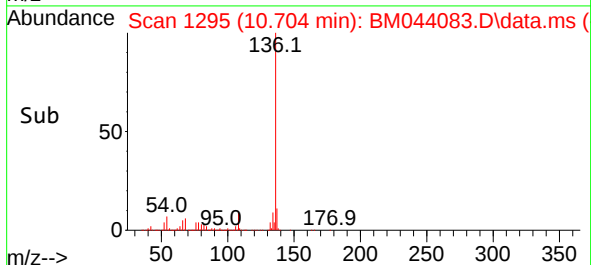
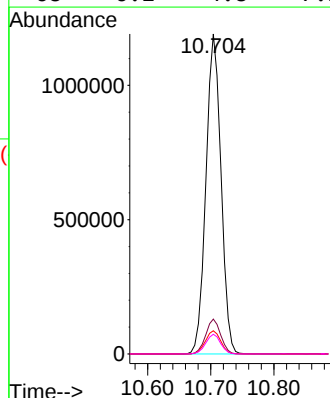
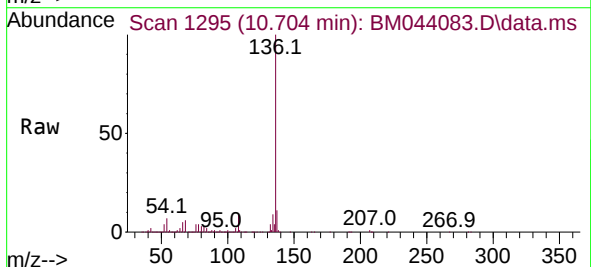
Instrument :
BNA_M
ClientSampleId :
EB-7-5-7

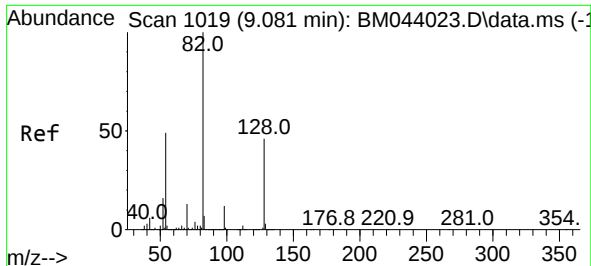
Tgt Ion: 99 Resp: 5512086
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 30.4 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044083.D
Acq: 14 Feb 2024 15:24

Tgt Ion: 136 Resp: 1972928
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 5.9 8.9
68 6.2 4.8 7.2

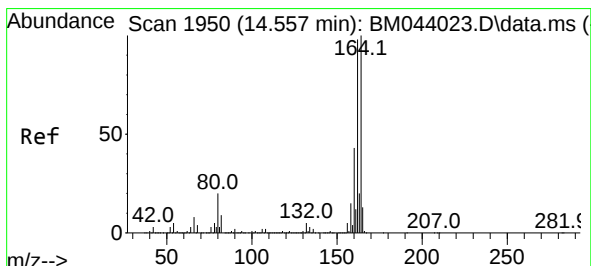
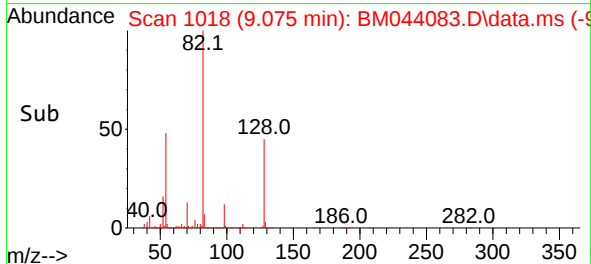
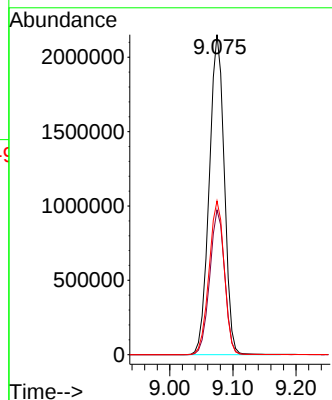
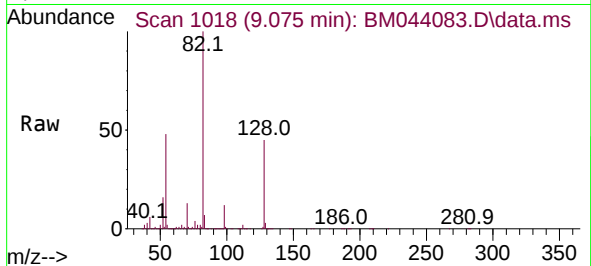




#23
Nitrobenzene-d5
Concen: 96.005 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM044083.D
Acq: 14 Feb 2024 15:24

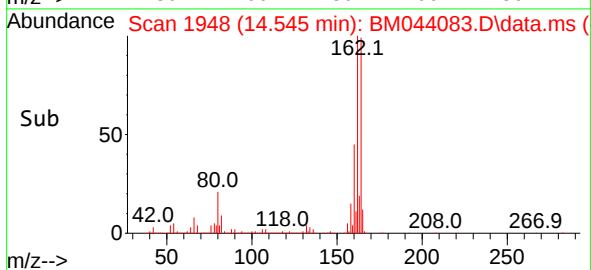
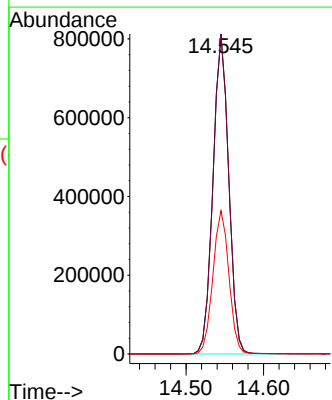
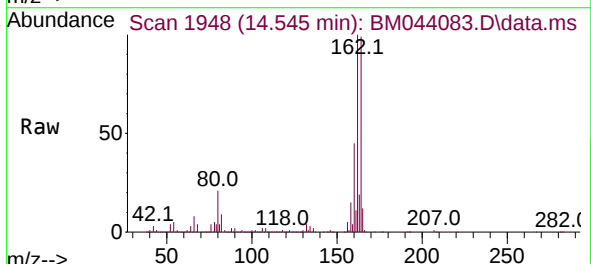
Instrument :
BNA_M
ClientSampleId :
EB-7-5-7

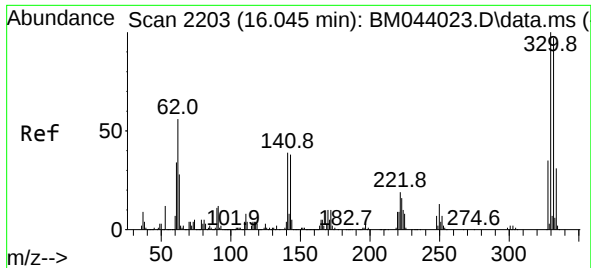
Tgt Ion: 82 Resp: 3569508
Ion Ratio Lower Upper
82 100
128 45.2 37.1 55.7
54 48.0 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044083.D
Acq: 14 Feb 2024 15:24

Tgt Ion:164 Resp: 1143990
Ion Ratio Lower Upper
164 100
162 100.8 78.4 117.6
160 45.1 34.6 51.8

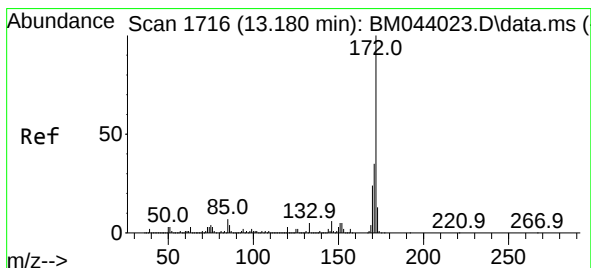
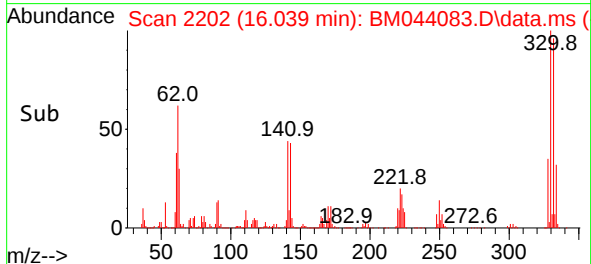
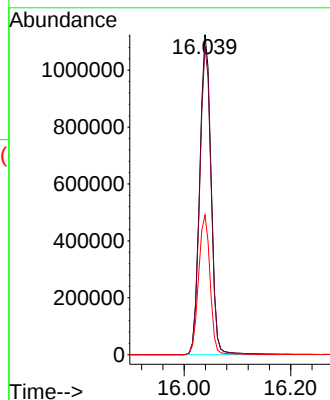
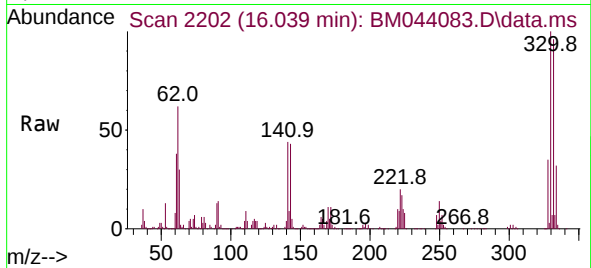




#42
2,4,6-Tribromophenol
Concen: 134.739 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044083.D
Acq: 14 Feb 2024 15:24

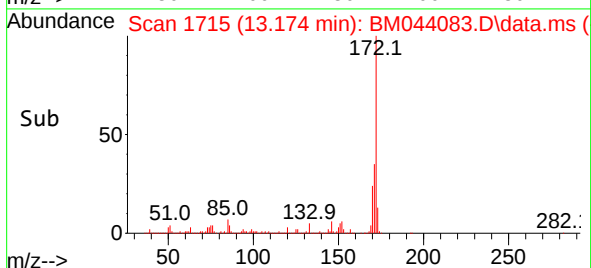
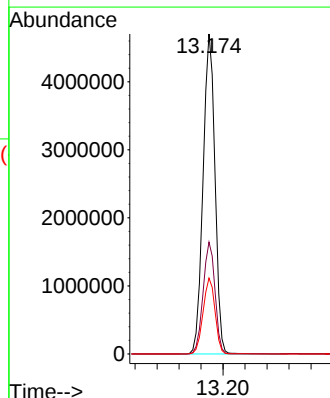
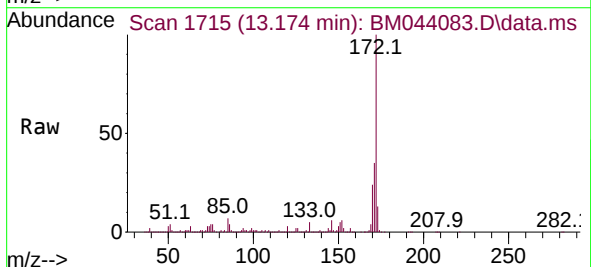
Instrument :
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ClientSampleId :
EB-7-5-7

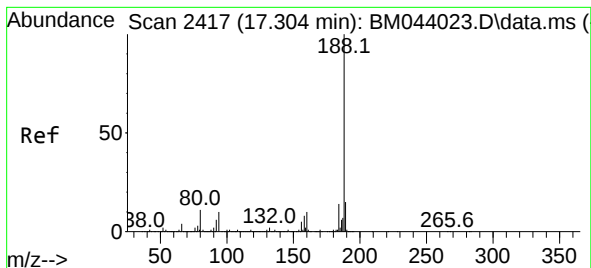
Tgt Ion:330 Resp: 1668912
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 44.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 87.406 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044083.D
Acq: 14 Feb 2024 15:24

Tgt Ion:172 Resp: 7084958
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 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: BM044083.D

Acq: 14 Feb 2024 15:24

Instrument :

BNA_M

ClientSampleId :

EB-7-5-7

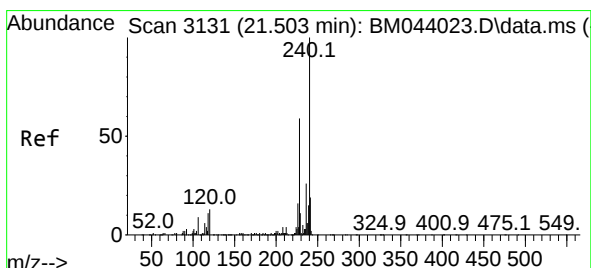
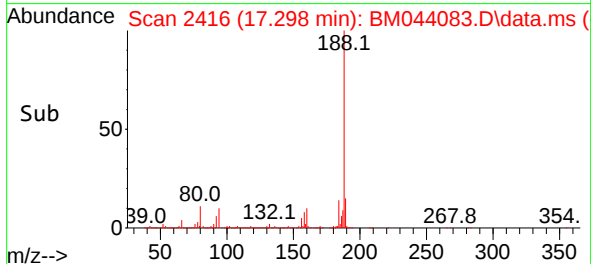
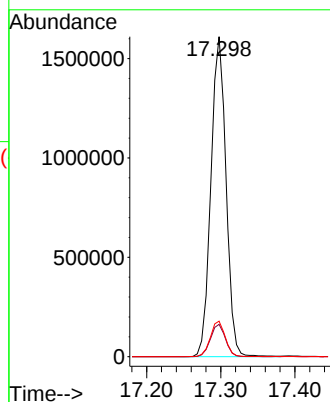
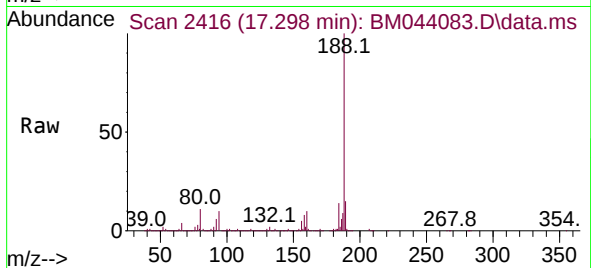
Tgt Ion:188 Resp: 2283252

Ion Ratio Lower Upper

188 100

94 10.1 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: BM044083.D

Acq: 14 Feb 2024 15:24

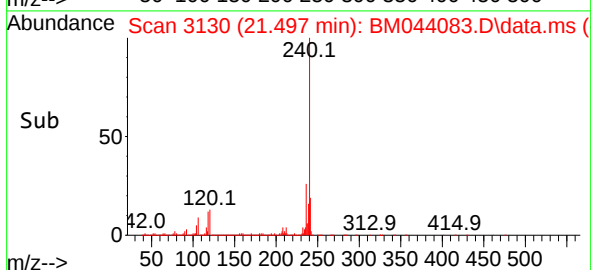
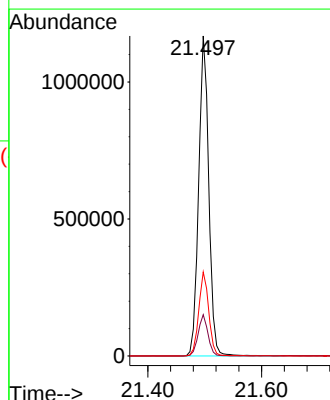
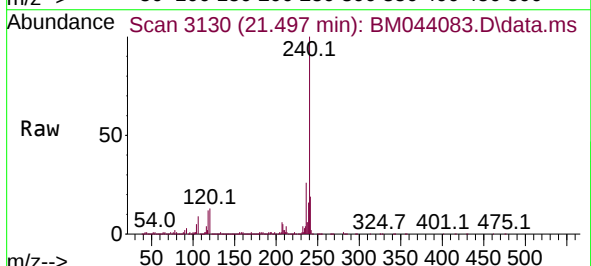
Tgt Ion:240 Resp: 1449929

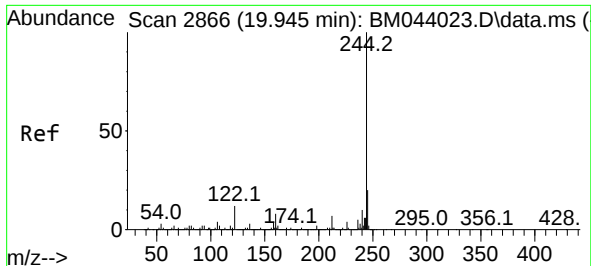
Ion Ratio Lower Upper

240 100

120 12.9 10.1 15.1

236 26.3 20.6 31.0

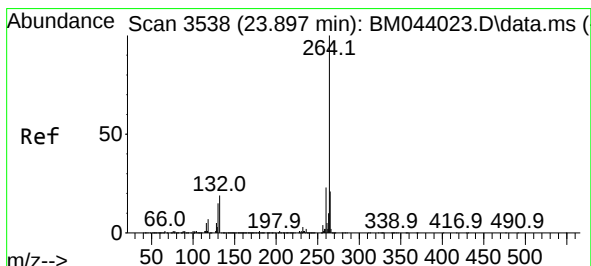
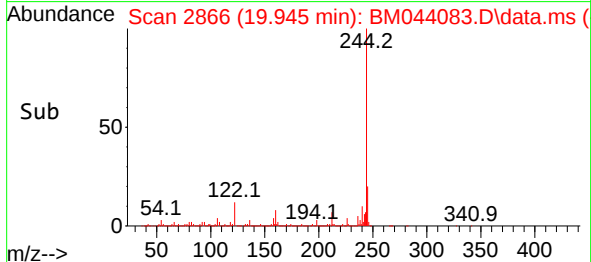
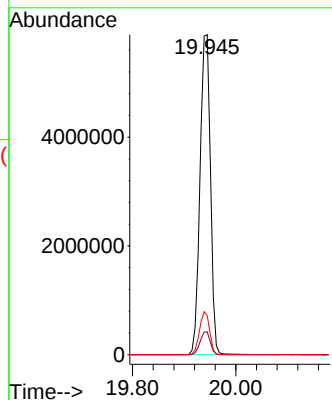
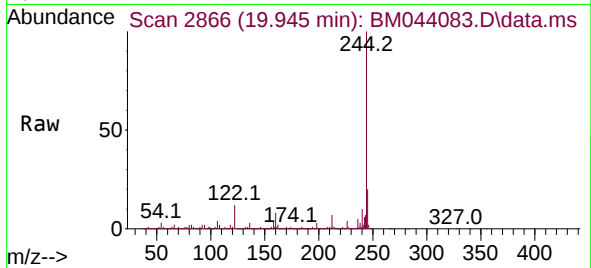




#79
 Terphenyl-d14
 Concen: 99.621 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044083.D
 Acq: 14 Feb 2024 15:24

Instrument :
 BNA_M
 ClientSampleId :
 EB-7-5-7

Tgt Ion:244 Resp: 8239601
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.2 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044083.D
 Acq: 14 Feb 2024 15:24

Tgt Ion:264 Resp: 1411739
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.3 17.3 25.9

