

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044784.D
 Acq On : 27 Mar 2024 18:07
 Operator : MA/JU
 Sample : P1870-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXTRA-PILE

Quant Time: Mar 27 18:36:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

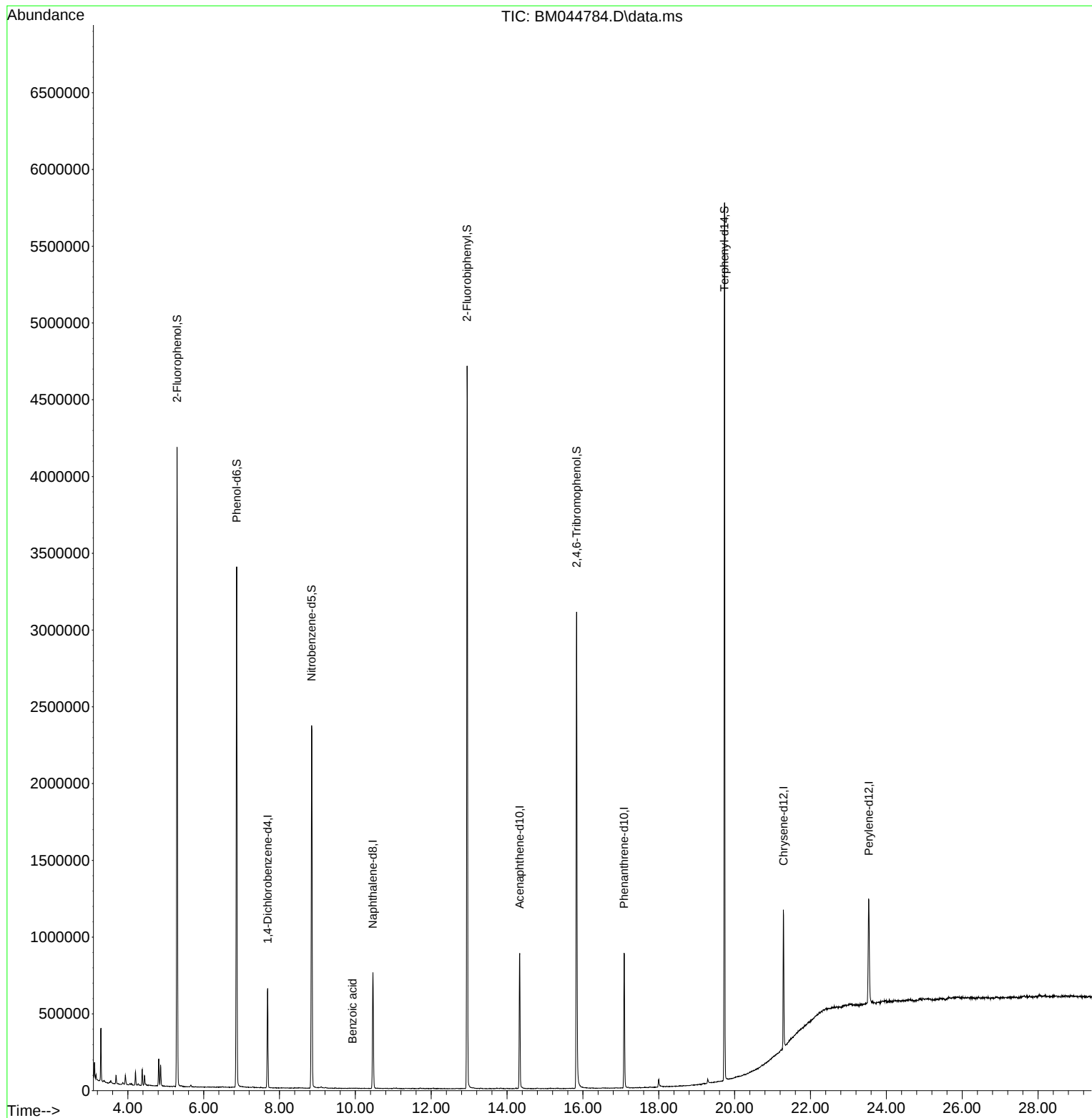
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	166784	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	611697	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	319858	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	545583	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	429061	20.000	ng	-0.02
86) Perylene-d12	23.539	264	535910	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1604632	138.137	ng	0.00
7) Phenol-d6	6.869	99	1794365	120.069	ng	-0.01
23) Nitrobenzene-d5	8.846	82	1329623	104.718	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	542401	153.745	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2408519	103.704	ng	-0.02
79) Terphenyl-d14	19.733	244	2529287	103.123	ng	-0.01
Target Compounds						
32) Benzoic acid	9.928	122	55	3.626	ng	Qvalue # 1

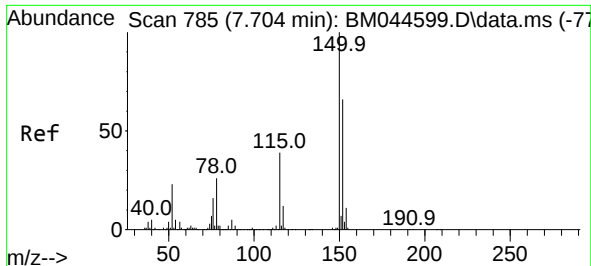
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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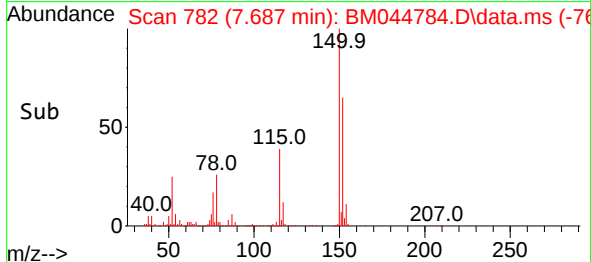
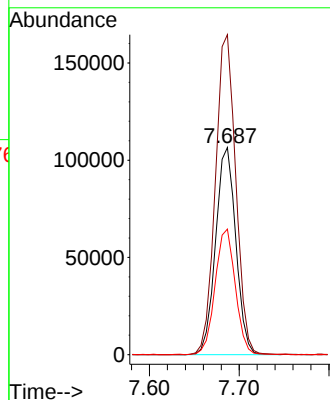
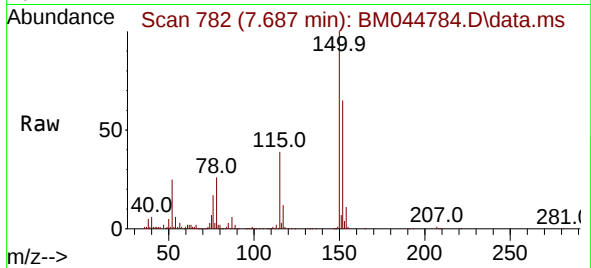




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

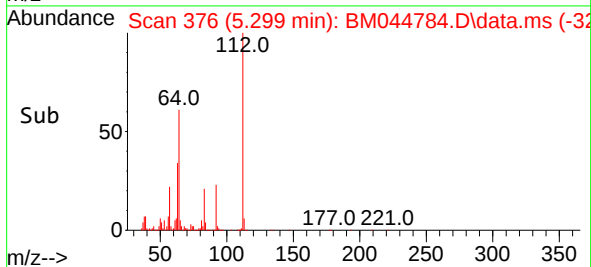
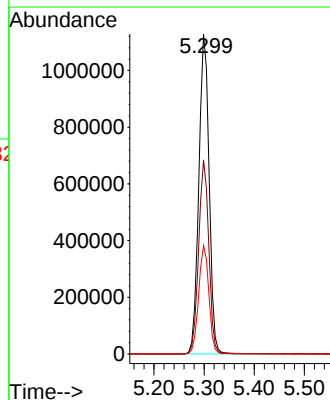
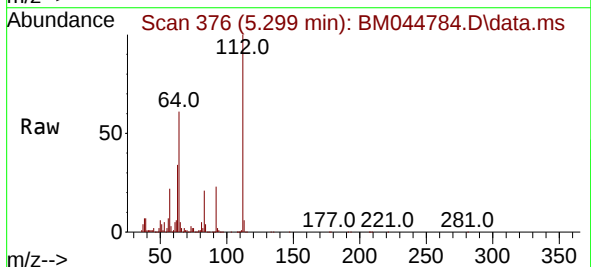
Instrument :
BNA_M
ClientSampleId :
EXTRA-PILE

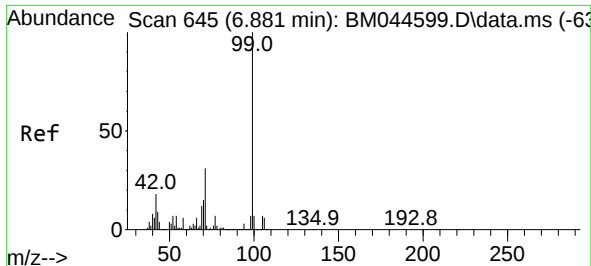
Tgt Ion:152 Resp: 166784
Ion Ratio Lower Upper
152 100
150 154.5 121.9 182.9
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 138.137 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

Tgt Ion:112 Resp: 1604632
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 33.9 25.0 37.4

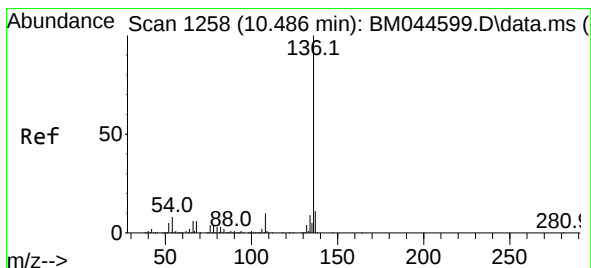
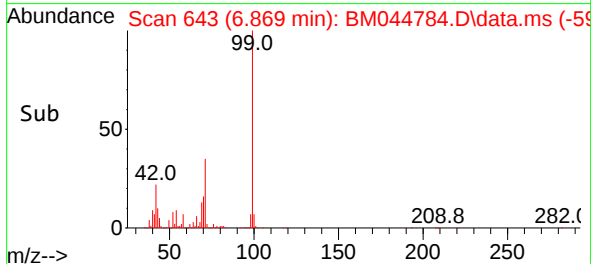
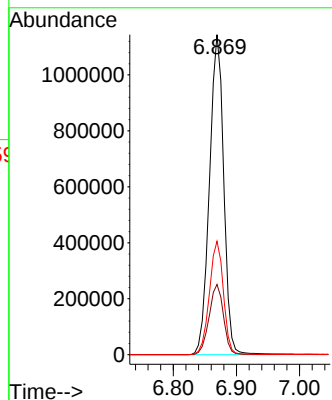
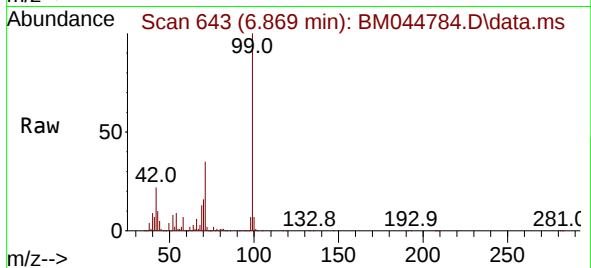




#7
Phenol-d6
Concen: 120.069 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.011 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

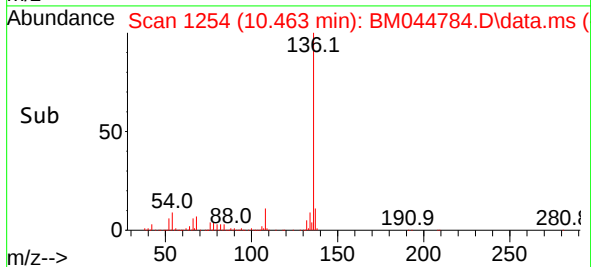
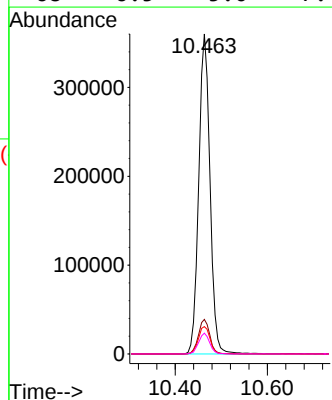
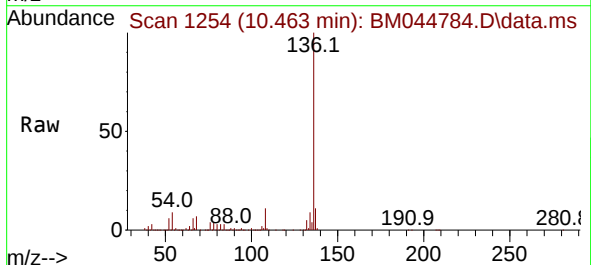
Instrument :
BNA_M
ClientSampleId :
EXTRA-PILE

Tgt Ion: 99 Resp: 1794365
Ion Ratio Lower Upper
99 100
42 22.0 14.3 21.5#
71 35.5 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

Tgt Ion: 136 Resp: 611697
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.5 6.6 10.0
68 6.5 5.0 7.4

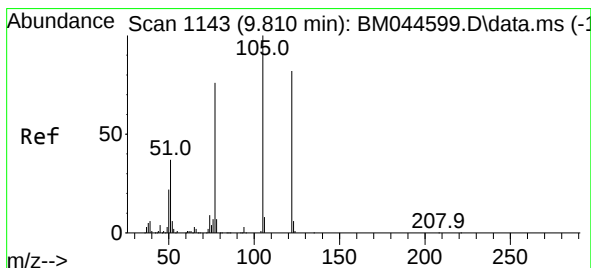
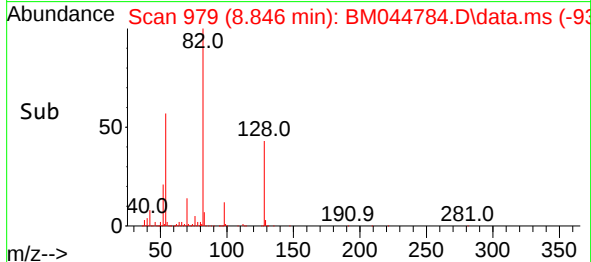
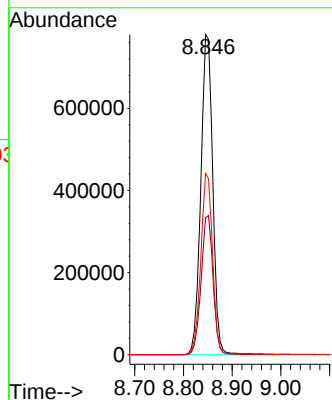
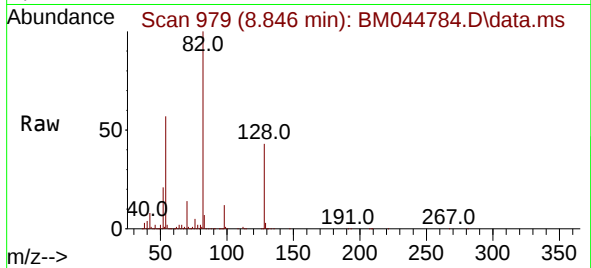




#23
Nitrobenzene-d5
Concen: 104.718 ng
RT: 8.846 min Scan# 91
Delta R.T. -0.017 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

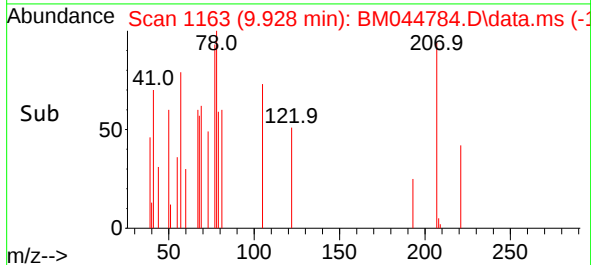
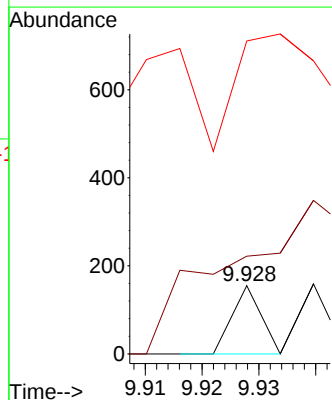
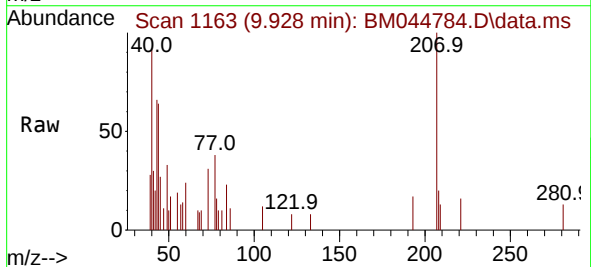
Instrument :
BNA_M
ClientSampleId :
EXTRA-PILE

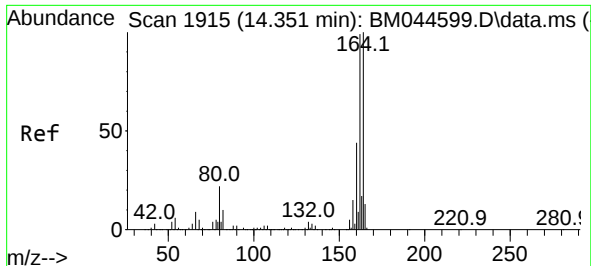
Tgt Ion: 82 Resp: 1329623
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 56.7 41.3 61.9



#32
Benzoic acid
Concen: 3.626 ng
RT: 9.928 min Scan# 1163
Delta R.T. 0.118 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 143.2 100.0 140.0#
77 458.7 72.5 112.5#

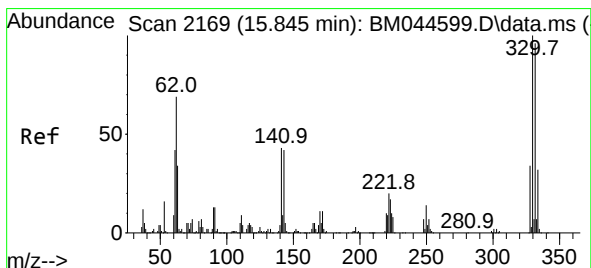
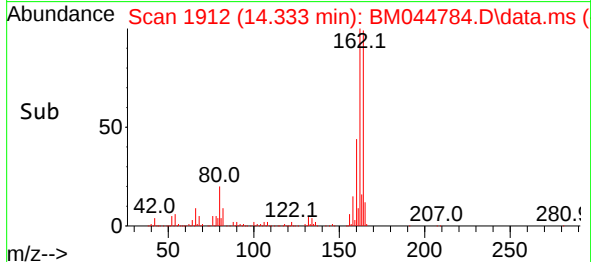
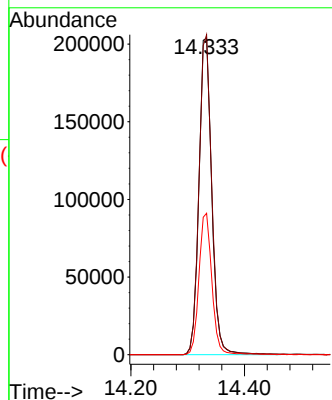
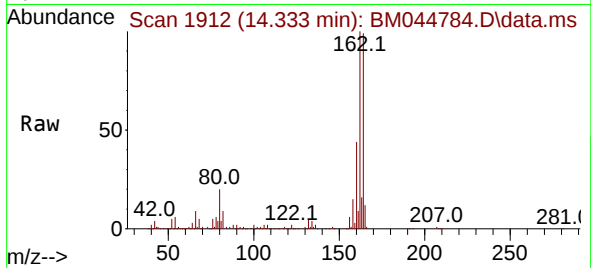




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

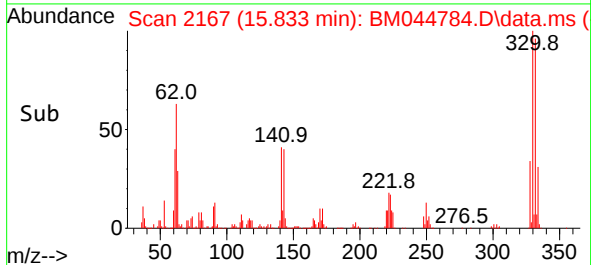
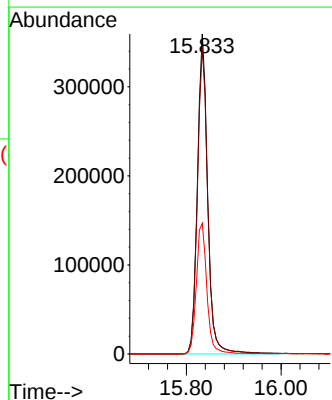
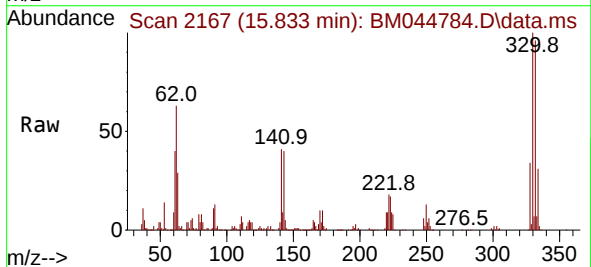
Instrument :
BNA_M
ClientSampleId :
EXTRA-PILE

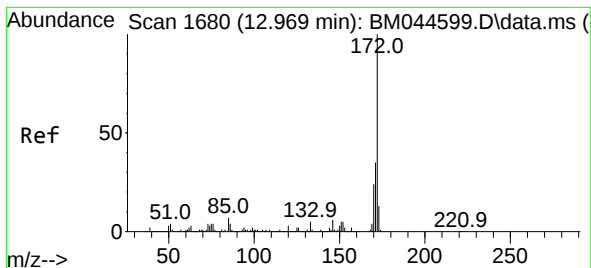
Tgt Ion:164 Resp: 319858
Ion Ratio Lower Upper
164 100
162 101.1 79.3 118.9
160 44.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 153.745 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.011 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

Tgt Ion:330 Resp: 542401
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 41.8 33.4 50.0

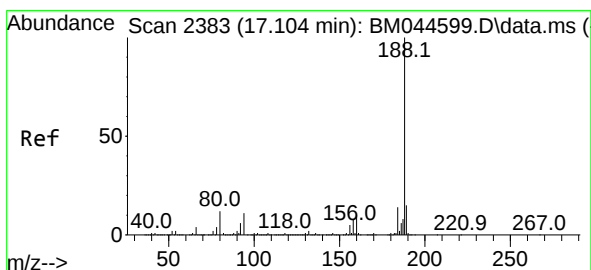
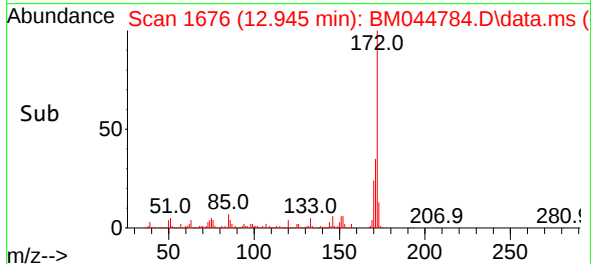
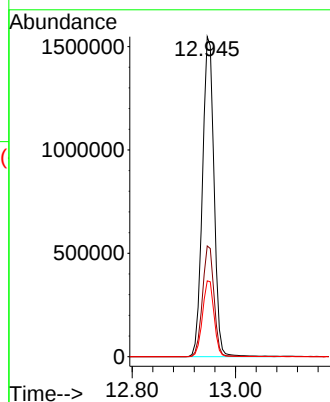
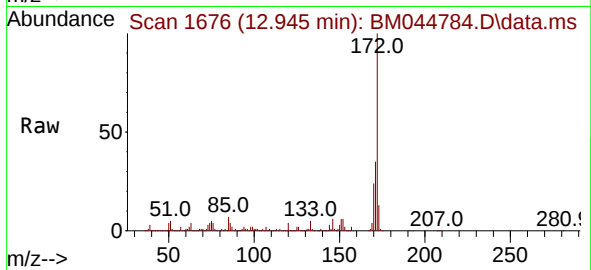




#45
2-Fluorobiphenyl
Concen: 103.704 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

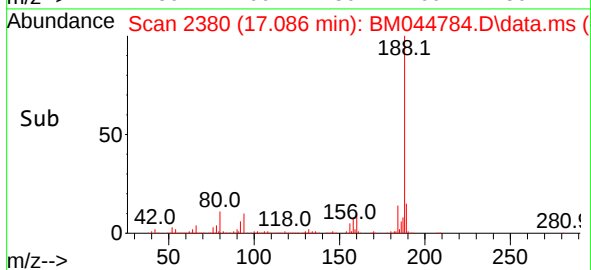
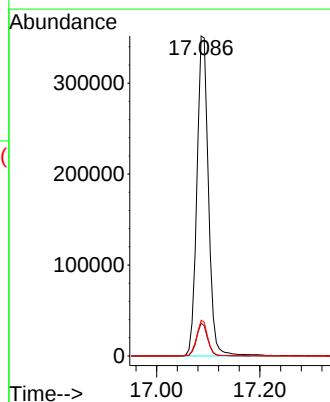
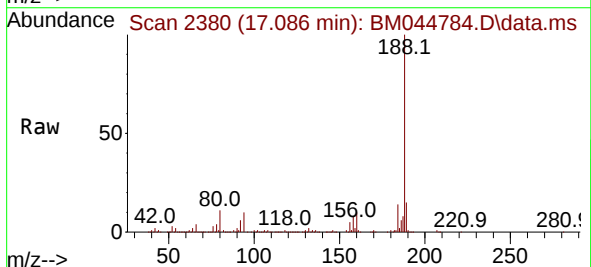
Instrument :
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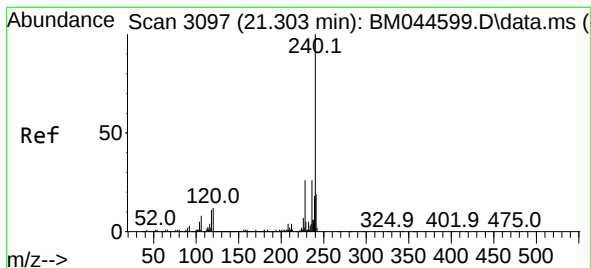
Tgt Ion:172 Resp: 2408519
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.7 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.017 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

Tgt Ion:188 Resp: 545583
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 11.1 9.4 14.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 30

Delta R.T. -0.017 min

Lab File: BM044784.D

Acq: 27 Mar 2024 18:07

Instrument :

BNA_M

ClientSampleId :

EXTRA-PILE

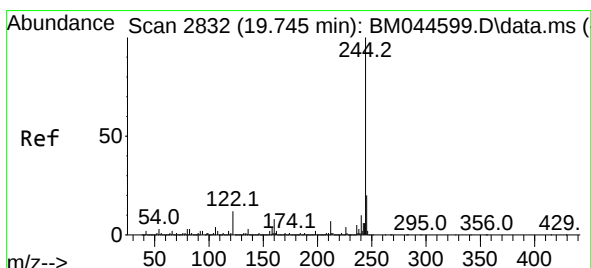
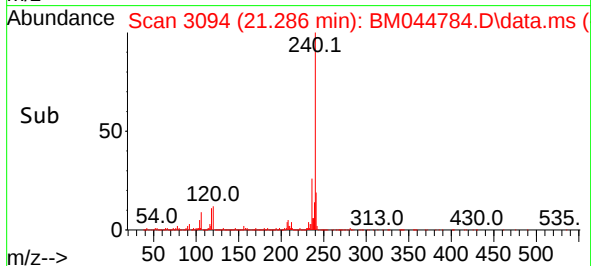
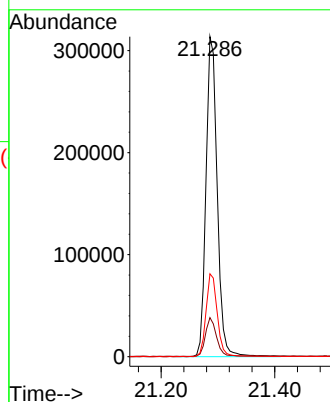
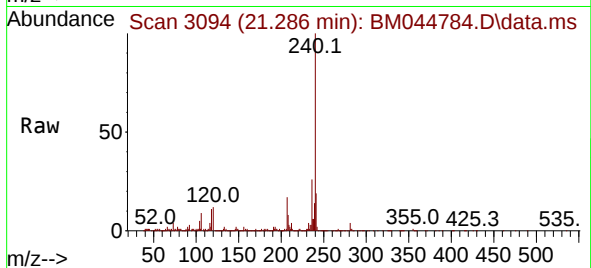
Tgt Ion:240 Resp: 429061

Ion Ratio Lower Upper

240 100

120 12.2 9.7 14.5

236 25.9 21.0 31.4



#79

Terphenyl-d14

Concen: 103.123 ng

RT: 19.733 min Scan# 2830

Delta R.T. -0.011 min

Lab File: BM044784.D

Acq: 27 Mar 2024 18:07

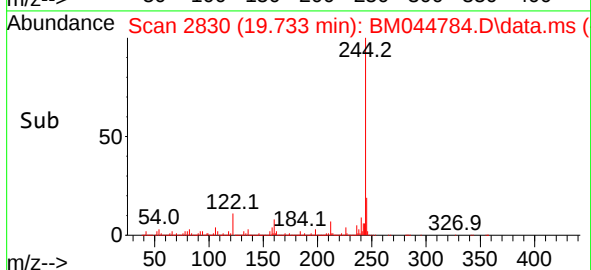
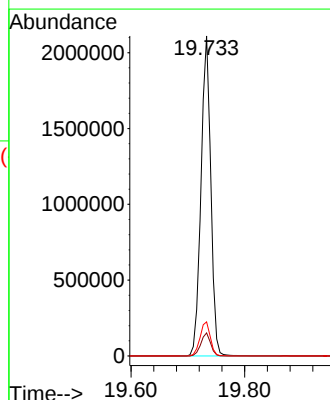
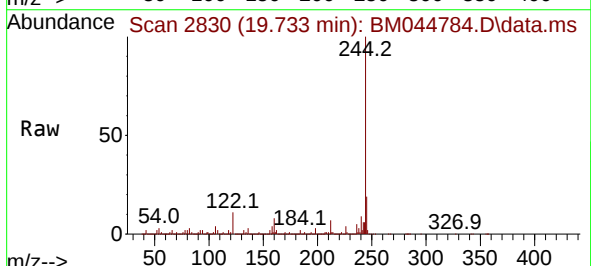
Tgt Ion:244 Resp: 2529287

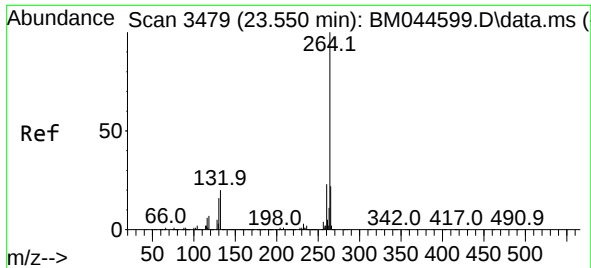
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.7 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.539 min Scan# 34
Delta R.T. -0.011 min
Lab File: BM044784.D
Acq: 27 Mar 2024 18:07

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 535910

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.4	17.5	26.3

