

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042424.D
 Acq On : 24 Oct 2023 17:53
 Operator : MA/JU
 Sample : 04960-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VAUX-SLUDGE

Quant Time: Oct 24 18:36:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	138327	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	548034	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	292979	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	616302	20.000	ng	0.00
76) Chrysene-d12	21.574	240	612356	20.000	ng	0.00
86) Perylene-d12	24.038	264	717130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1061761	108.482	ng	0.00
7) Phenol-d6	7.145	99	1351578	103.045	ng	0.00
23) Nitrobenzene-d5	9.192	82	836201	67.471	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	385356	119.875	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1568527	72.094	ng	0.00
79) Terphenyl-d14	20.003	244	2393250	69.313	ng	0.00

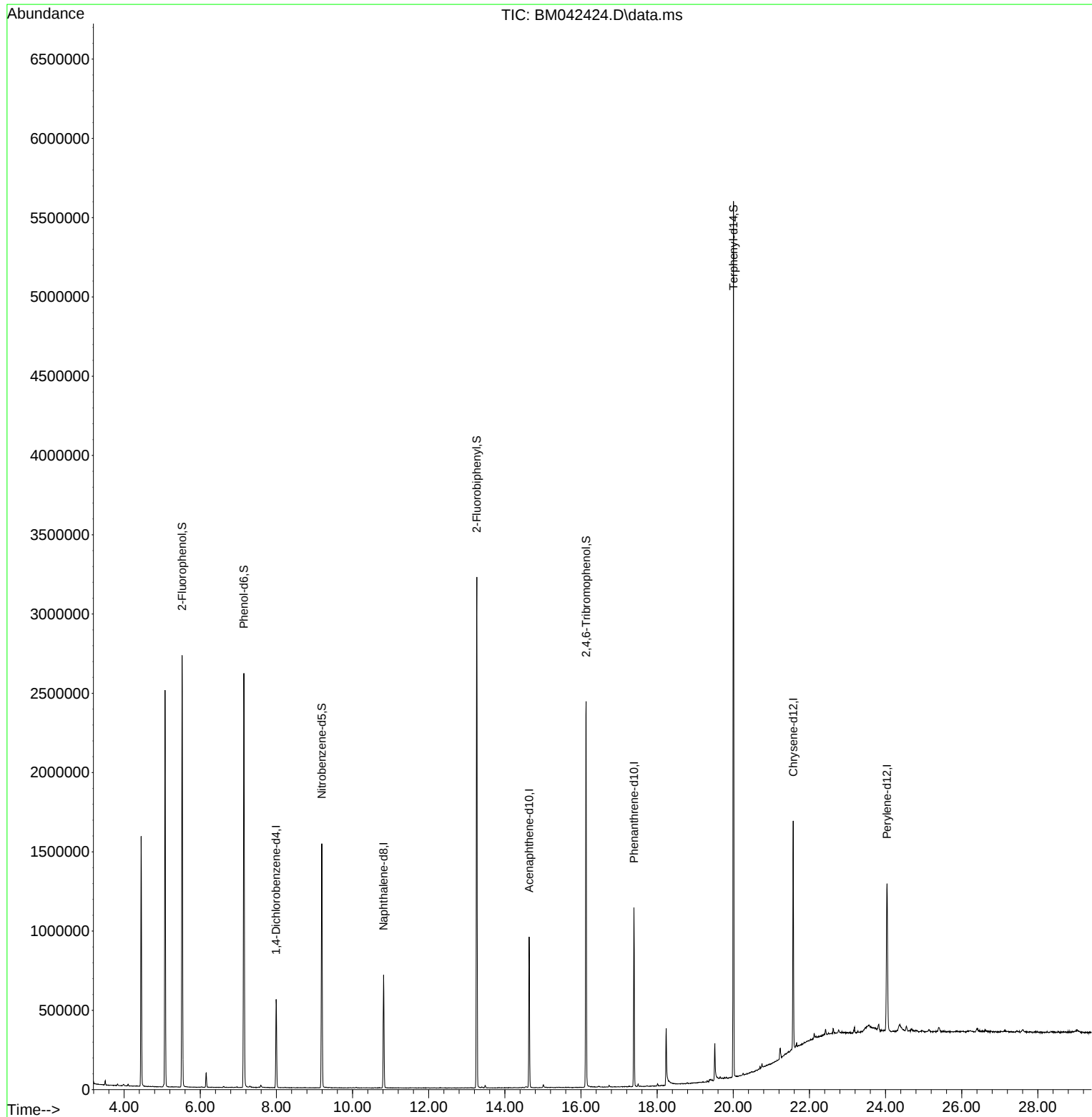
Target Compounds	Qvalue

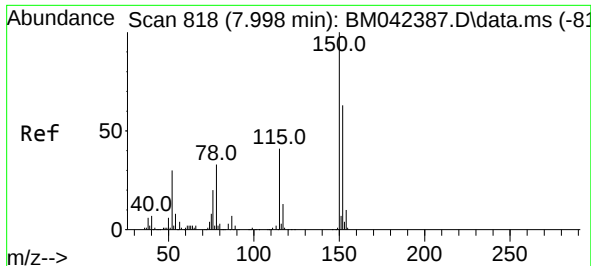
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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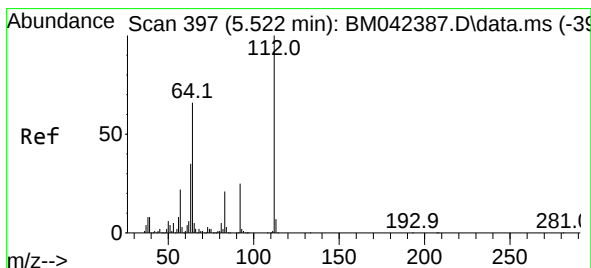
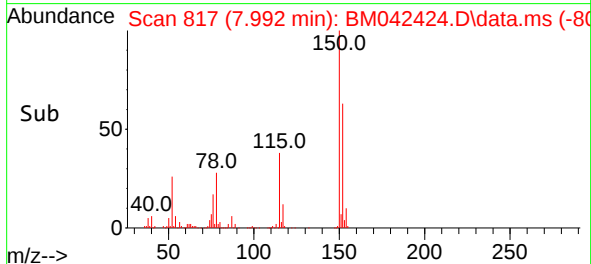
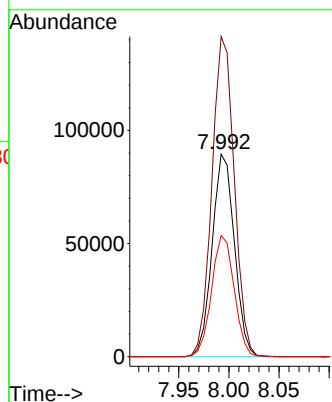
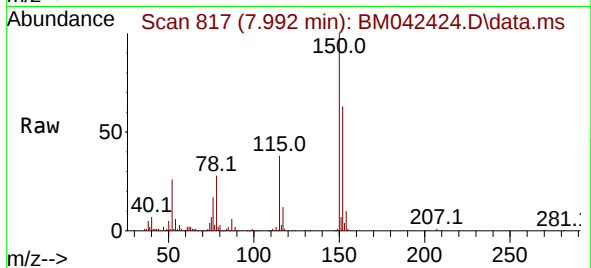




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042424.D
Acq: 24 Oct 2023 17:53

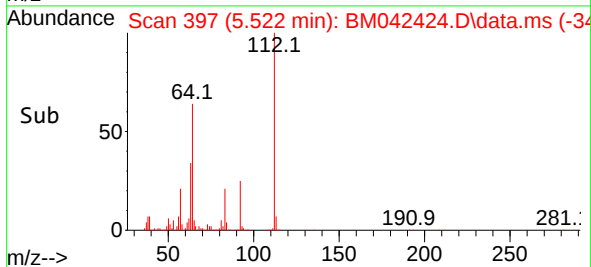
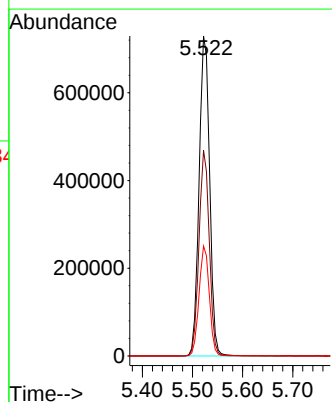
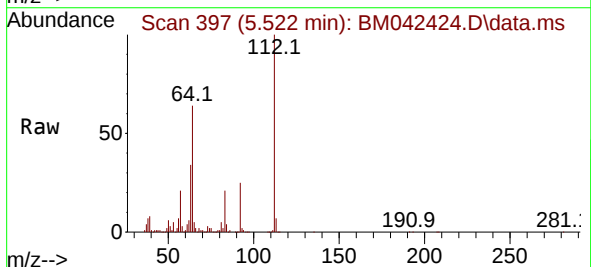
Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

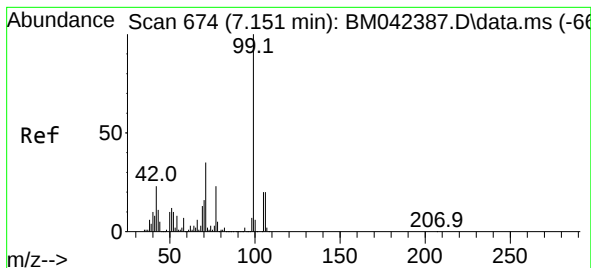
Tgt Ion:152 Resp: 138327
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 108.482 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042424.D
Acq: 24 Oct 2023 17:53

Tgt Ion:112 Resp: 1061761
Ion Ratio Lower Upper
112 100
64 64.3 52.7 79.1
63 34.4 28.3 42.5





#7

Phenol-d6

Concen: 103.045 ng

RT: 7.145 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

Instrument :

BNA_M

ClientSampleId :

VAUX-SLUDGE

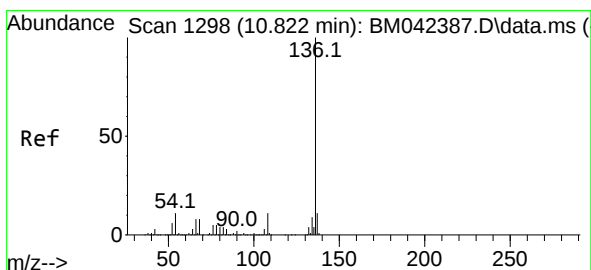
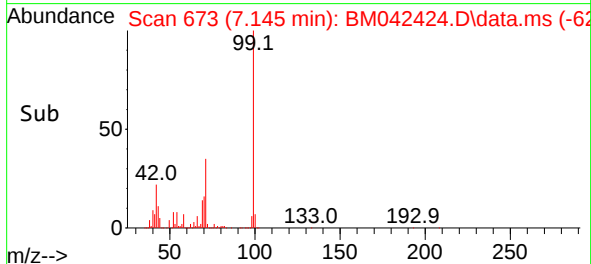
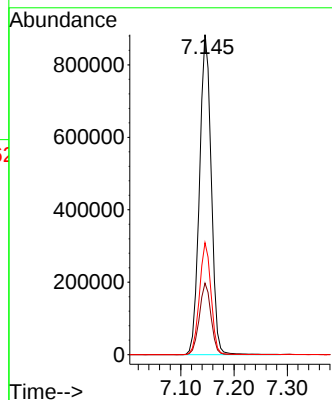
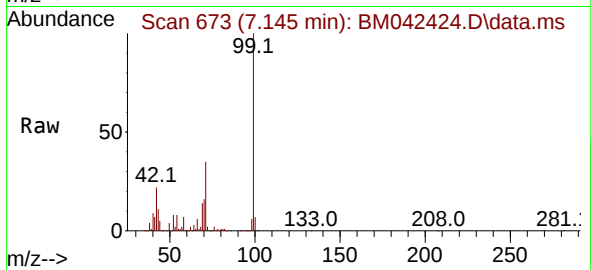
Tgt Ion: 99 Resp: 1351578

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

71 35.0 27.7 41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.816 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

Tgt Ion: 136 Resp: 548034

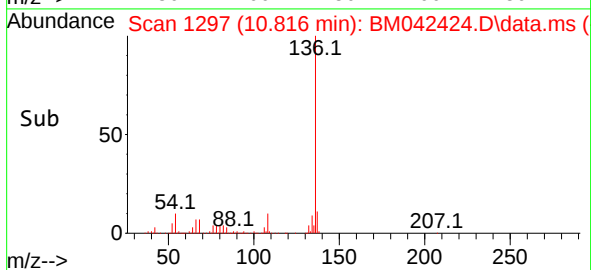
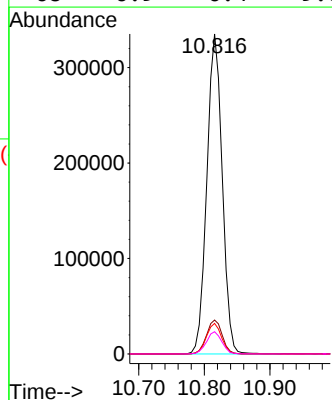
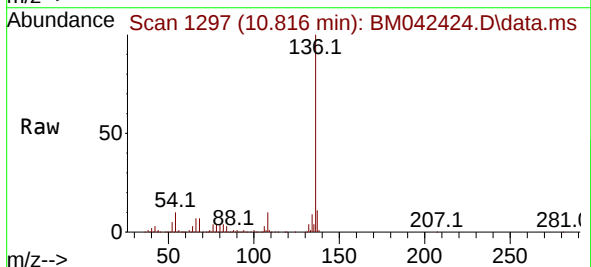
Ion Ratio Lower Upper

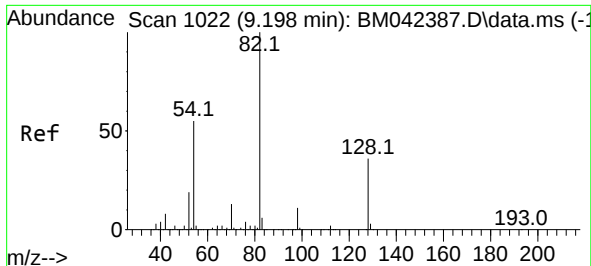
136 100

137 10.6 8.5 12.7

54 9.6 8.6 12.8

68 6.9 6.4 9.6

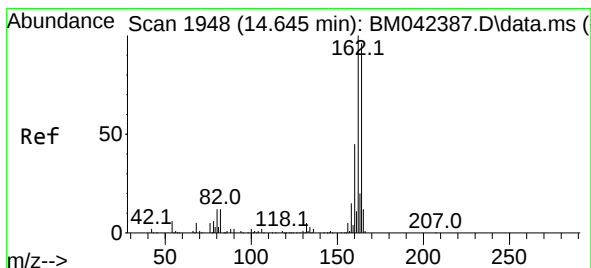
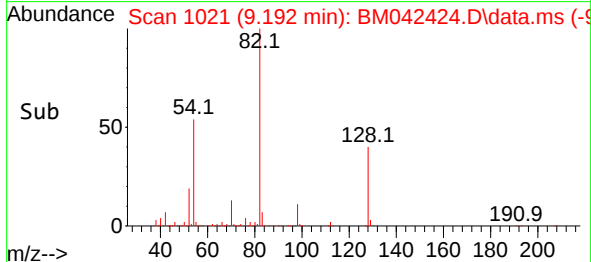
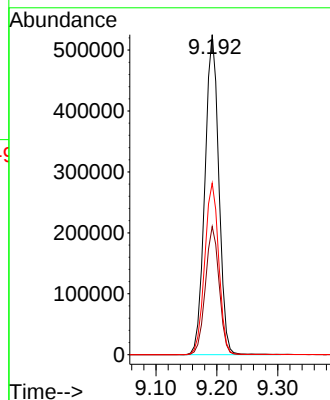
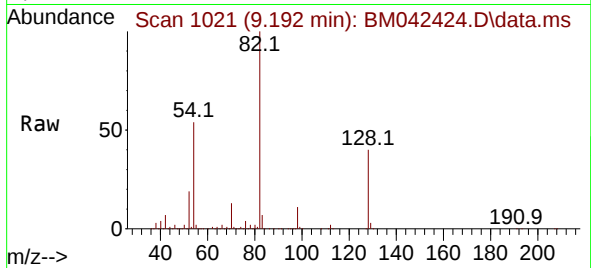




#23
Nitrobenzene-d5
Concen: 67.471 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042424.D
Acq: 24 Oct 2023 17:53

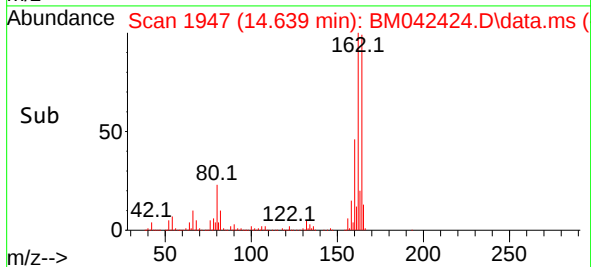
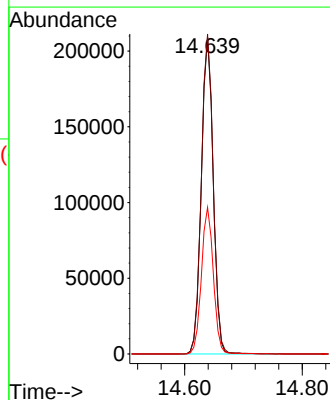
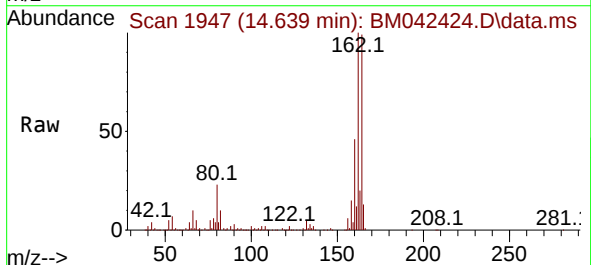
Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

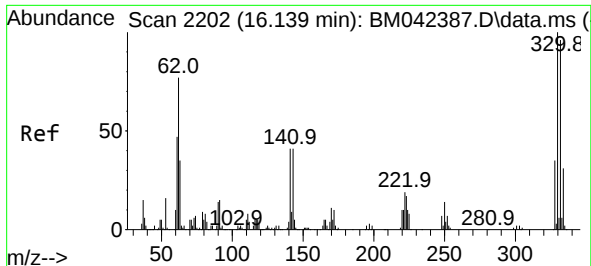
Tgt Ion: 82 Resp: 836201
Ion Ratio Lower Upper
82 100
128 40.0 29.0 43.6
54 53.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042424.D
Acq: 24 Oct 2023 17:53

Tgt Ion:164 Resp: 292979
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.4
160 46.2 37.0 55.4

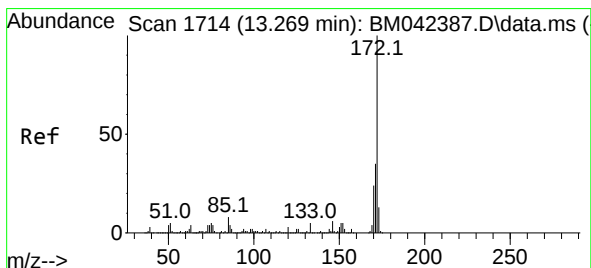
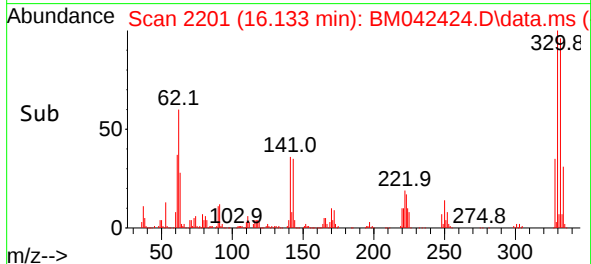
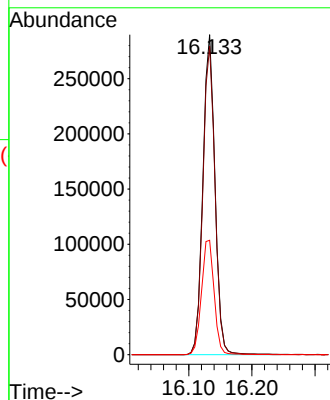
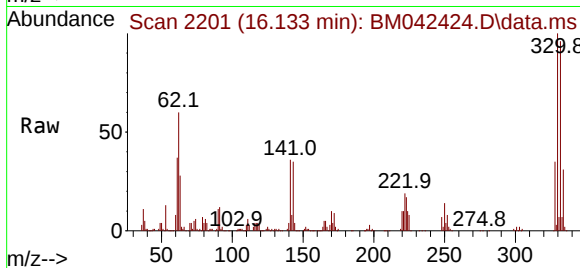




#42
2,4,6-Tribromophenol
Concen: 119.875 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042424.D
Acq: 24 Oct 2023 17:53

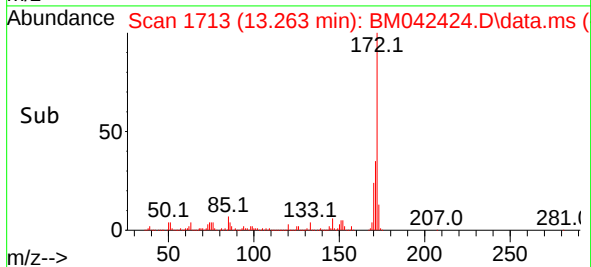
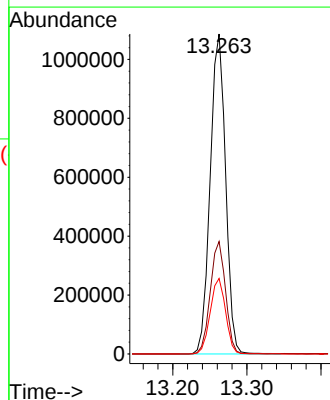
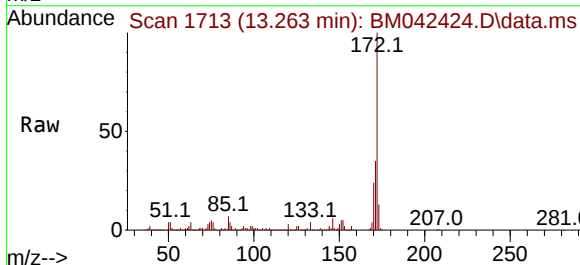
Instrument :
BNA_M
ClientSampleId :
VAUX-SLUDGE

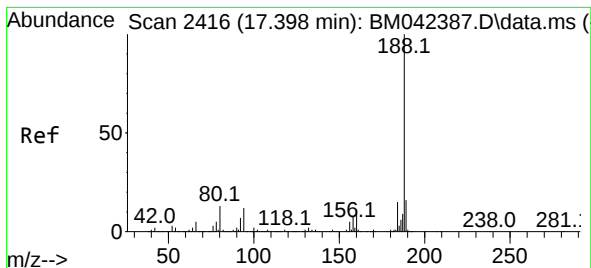
Tgt Ion:330 Resp: 385356
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 37.5 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 72.094 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042424.D
Acq: 24 Oct 2023 17:53

Tgt Ion:172 Resp: 1568527
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042424.D

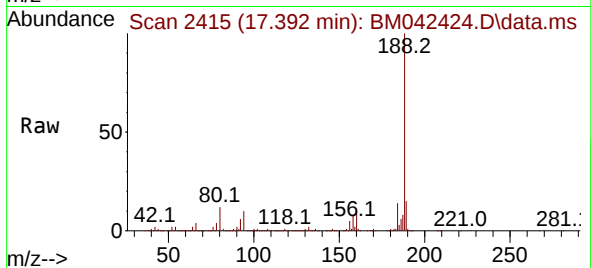
Acq: 24 Oct 2023 17:53

Instrument :

BNA_M

ClientSampleId :

VAUX-SLUDGE



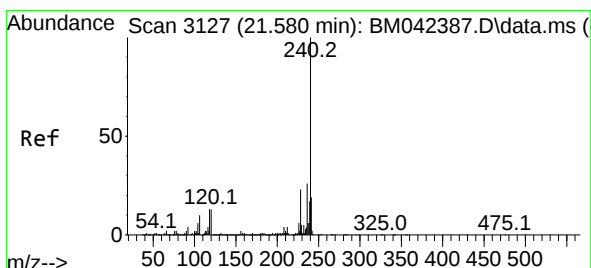
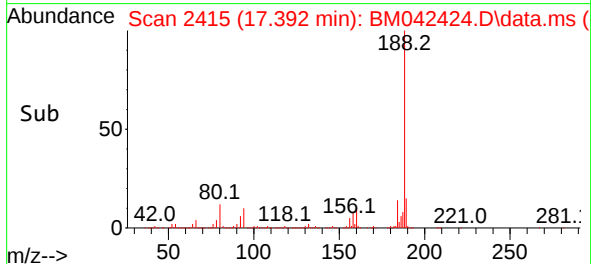
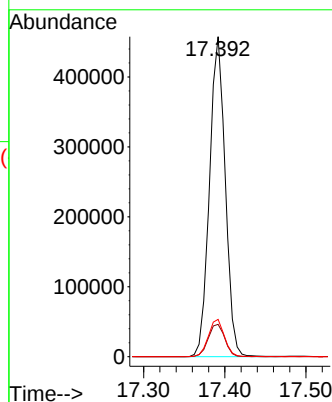
Tgt Ion:188 Resp: 616302

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.0

80 11.7 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042424.D

Acq: 24 Oct 2023 17:53

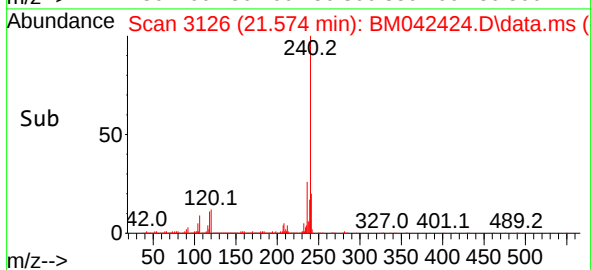
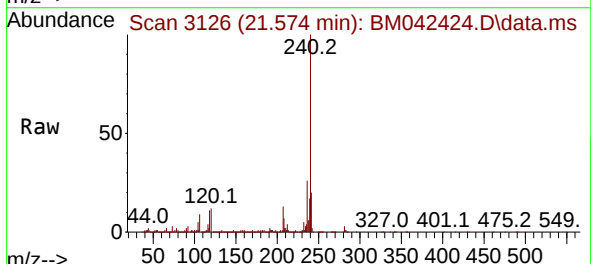
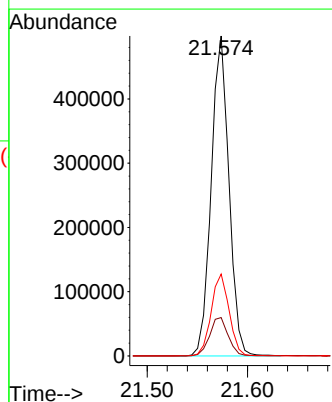
Tgt Ion:240 Resp: 612356

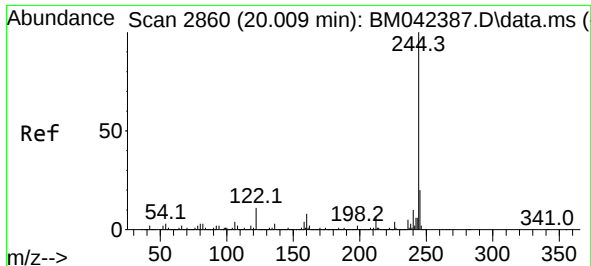
Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.6 20.7 31.1

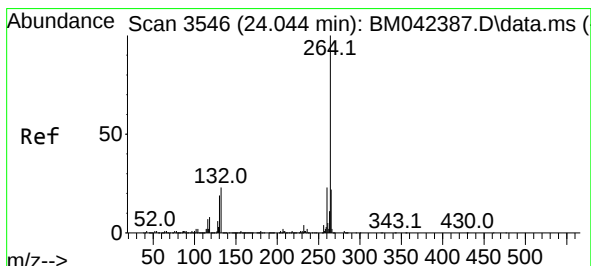
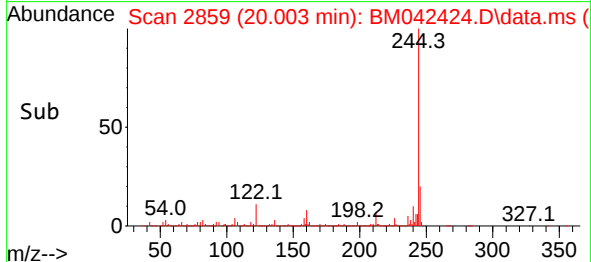
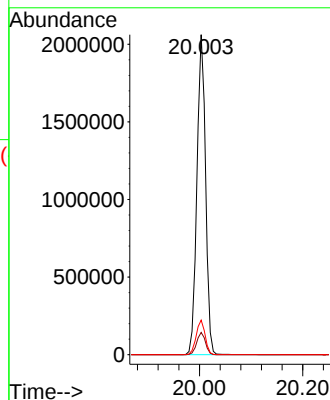
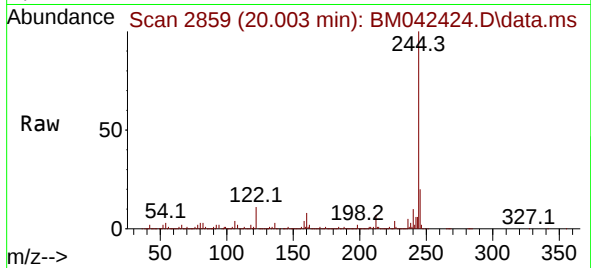




#79
 Terphenyl-d14
 Concen: 69.313 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042424.D
 Acq: 24 Oct 2023 17:53

Instrument :
 BNA_M
 ClientSampleId :
 VAUX-SLUDGE

Tgt Ion:244 Resp: 2393250
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.038 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BM042424.D
 Acq: 24 Oct 2023 17:53

Tgt Ion:264 Resp: 717130
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 22.1 17.8 26.8

