

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041944.D
 Acq On : 20 Sep 2023 18:39
 Operator : MA/JU
 Sample : 04436-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPT103-05

Quant Time: Sep 21 03:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	291299	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1214074	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	781802	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1667558	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1375135	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1230019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1506251	86.125	ng	0.00
7) Phenol-d6	7.104	99	2070659	85.272	ng	0.00
23) Nitrobenzene-d5	9.151	82	1259638	52.826	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	794082	81.406	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	2669218	50.112	ng	0.00
79) Terphenyl-d14	19.968	244	3688443	48.851	ng	0.00

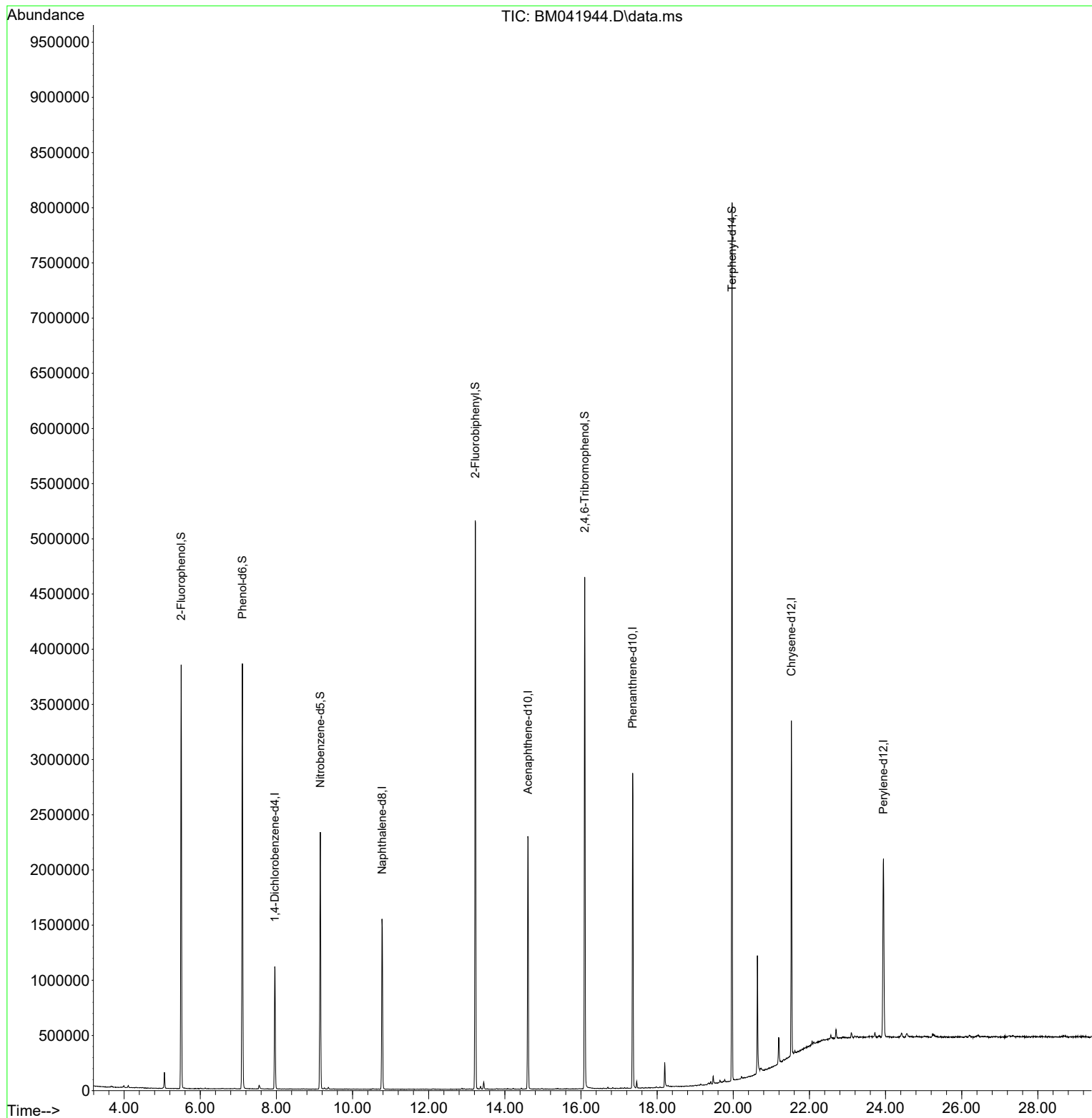
Target Compounds	Qvalue

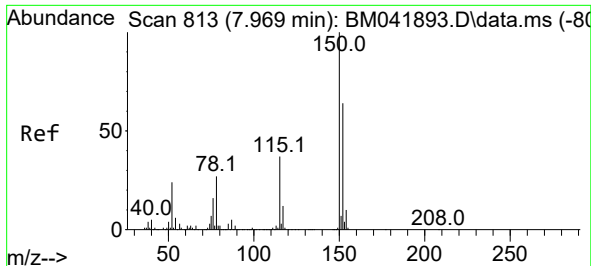
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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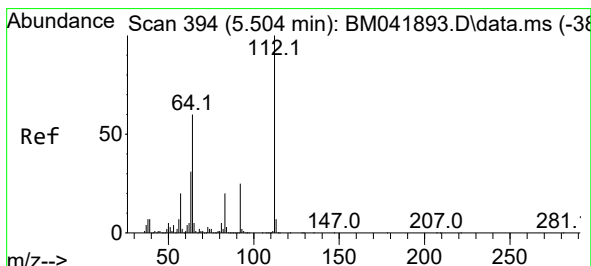
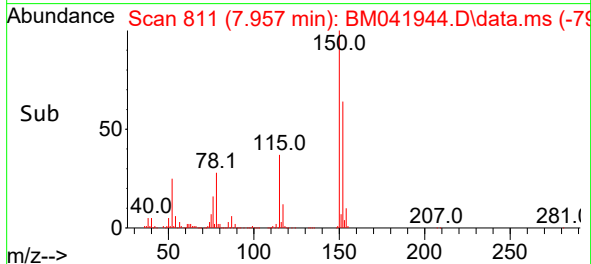
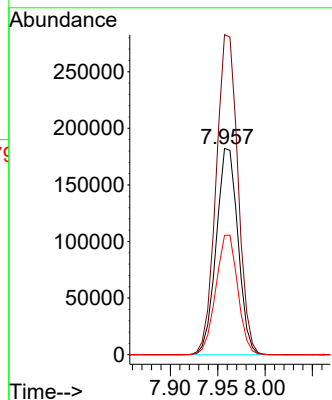
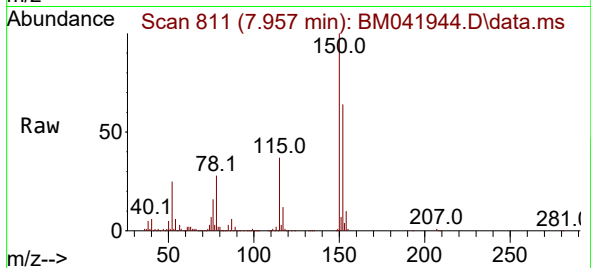




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041944.D
Acq: 20 Sep 2023 18:39

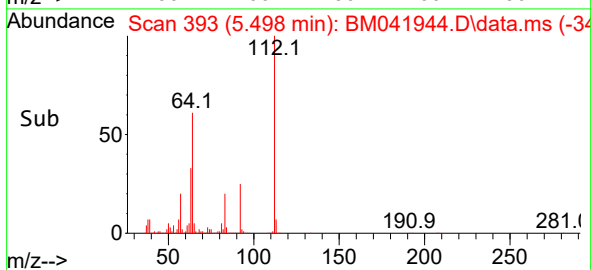
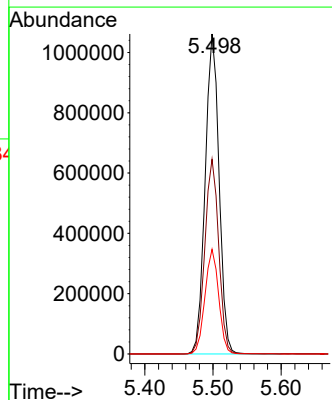
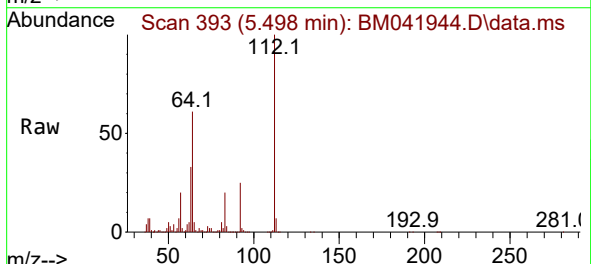
Instrument :
BNA_M
ClientSampleId :
CPT103-05

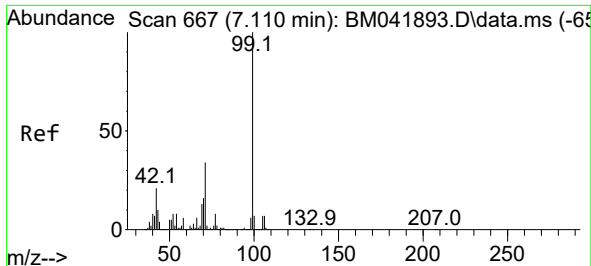
Tgt Ion:152 Resp: 291299
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 57.9 46.8 70.2



#5
2-Fluorophenol
Concen: 86.125 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041944.D
Acq: 20 Sep 2023 18:39

Tgt Ion:112 Resp: 1506251
Ion Ratio Lower Upper
112 100
64 60.8 48.1 72.1
63 32.7 25.0 37.6

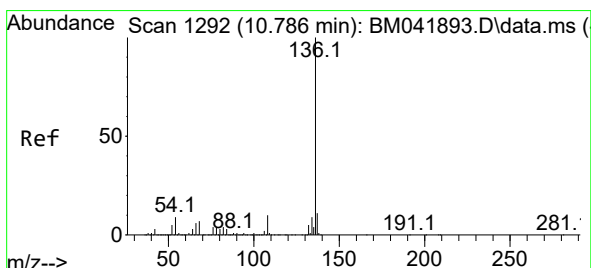
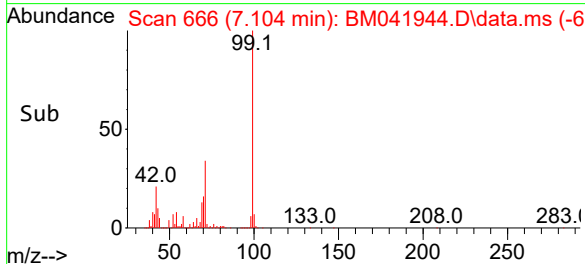
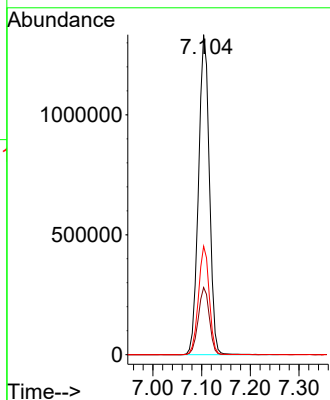
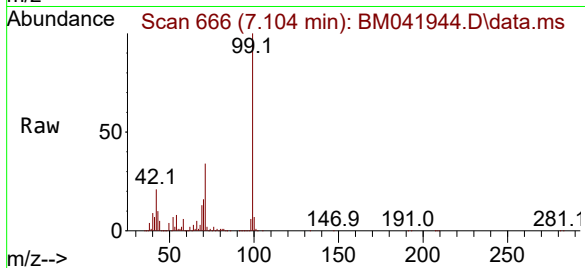




#7
Phenol-d6
Concen: 85.272 ng
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041944.D
Acq: 20 Sep 2023 18:39

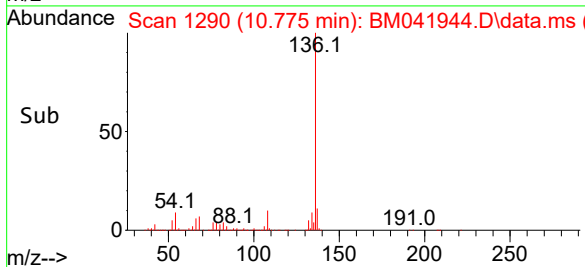
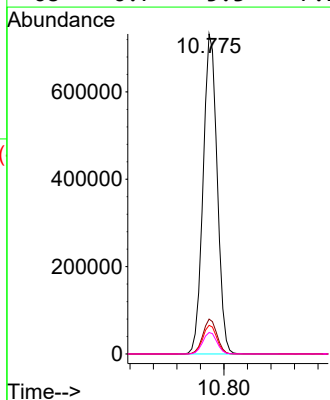
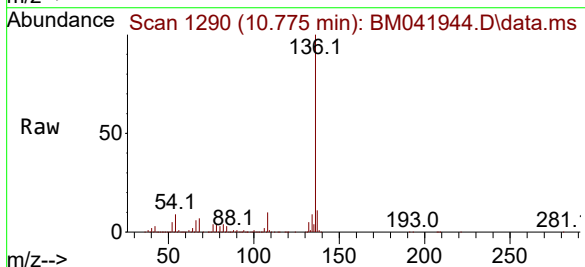
Instrument :
BNA_M
ClientSampleId :
CPT103-05

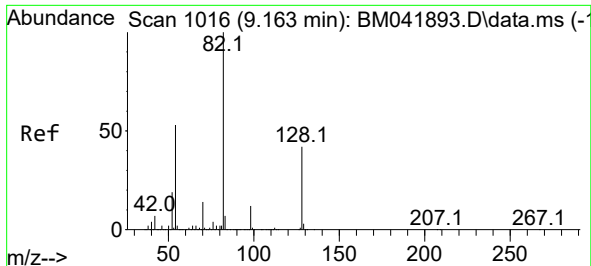
Tgt Ion: 99 Resp: 2070659
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 33.9 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041944.D
Acq: 20 Sep 2023 18:39

Tgt Ion: 136 Resp: 1214074
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.0 10.4
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 52.826 ng

RT: 9.151 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM041944.D

Acq: 20 Sep 2023 18:39

Instrument :

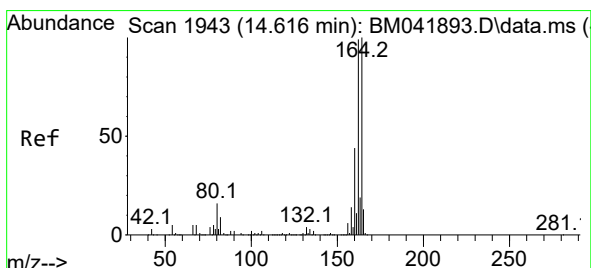
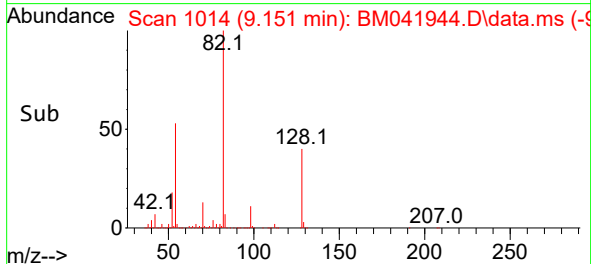
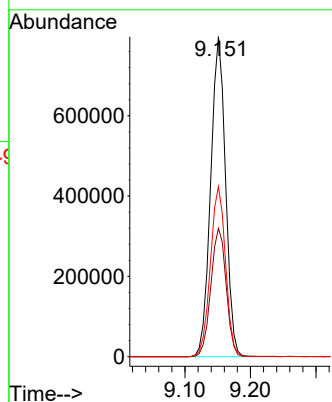
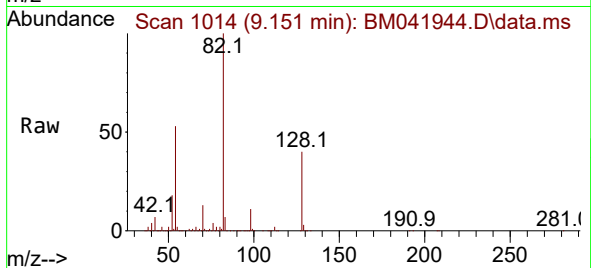
BNA_M

ClientSampleId :

CPT103-05

Tgt Ion: 82 Resp: 1259638

Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.8	50.6
54	53.1	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

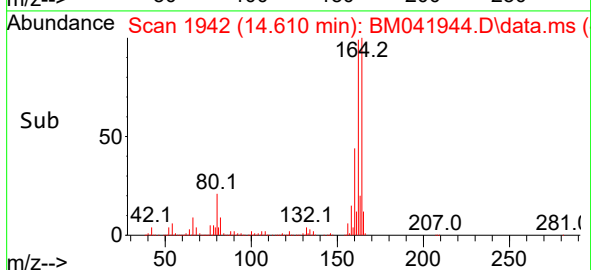
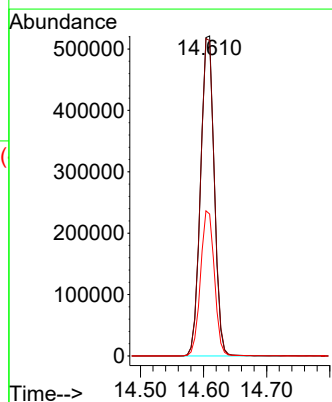
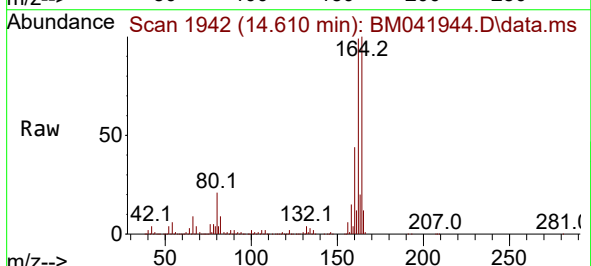
Delta R.T. -0.006 min

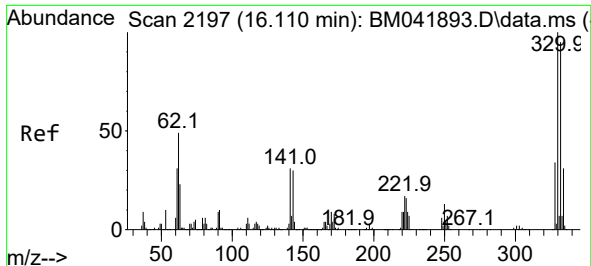
Lab File: BM041944.D

Acq: 20 Sep 2023 18:39

Tgt Ion: 164 Resp: 781802

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.3	118.9
160	44.4	35.6	53.4

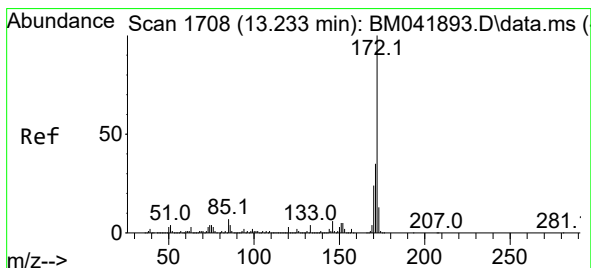
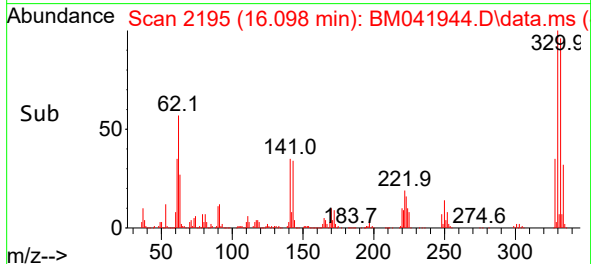
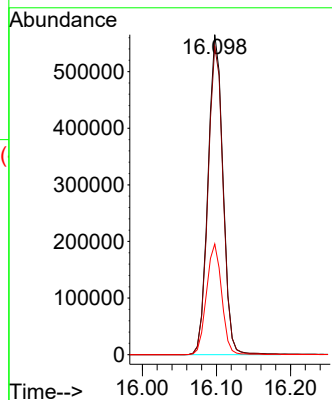
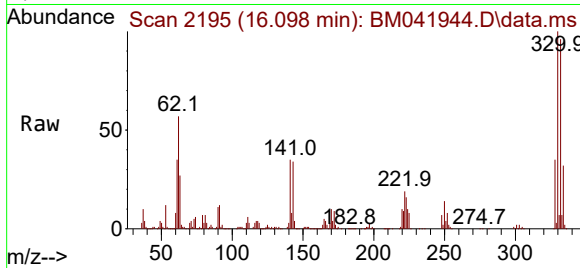




#42
2,4,6-Tribromophenol
Concen: 81.406 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM041944.D
Acq: 20 Sep 2023 18:39

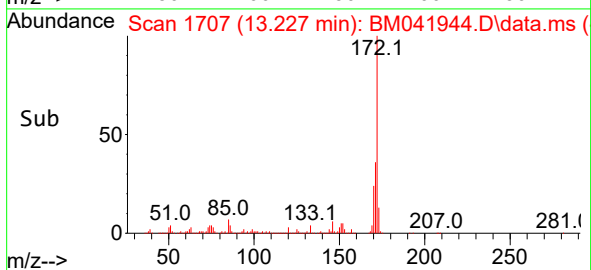
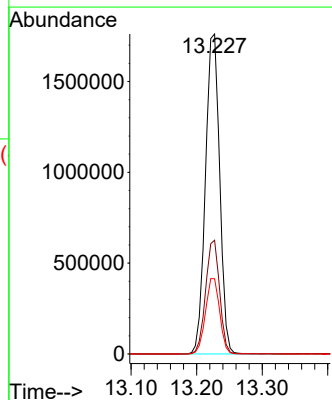
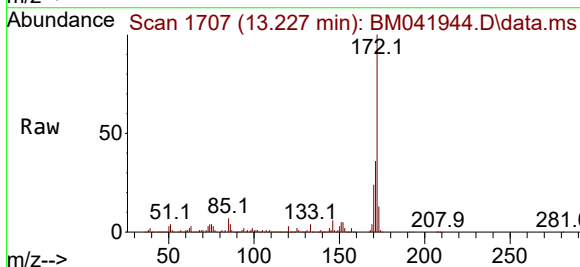
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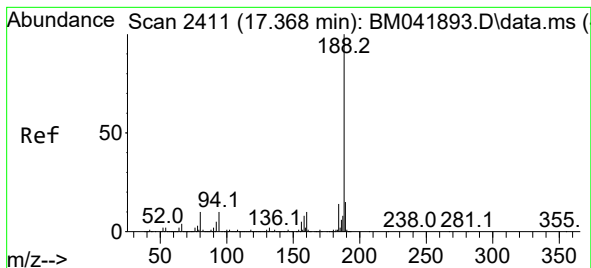
Tgt Ion:330 Resp: 794082
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 35.1 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 50.112 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041944.D
Acq: 20 Sep 2023 18:39

Tgt Ion:172 Resp: 2669218
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.356 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041944.D

Acq: 20 Sep 2023 18:39

Instrument :

BNA_M

ClientSampleId :

CPT103-05

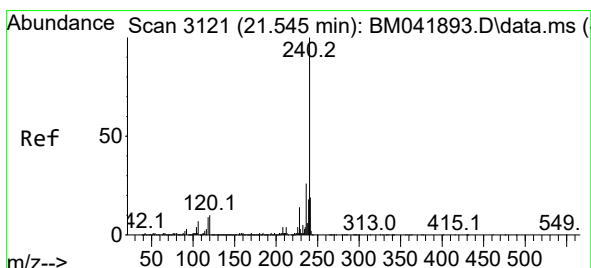
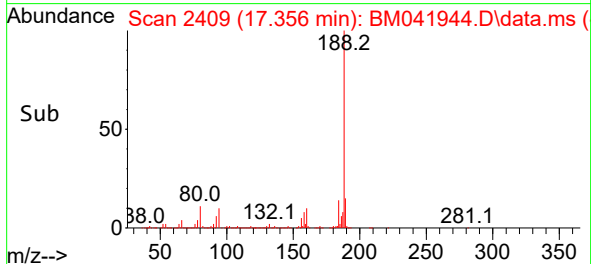
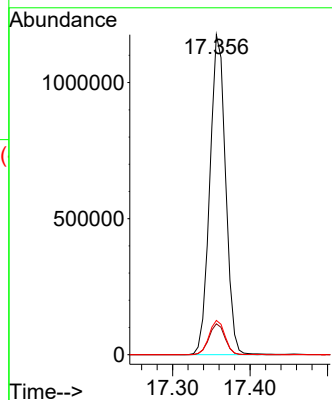
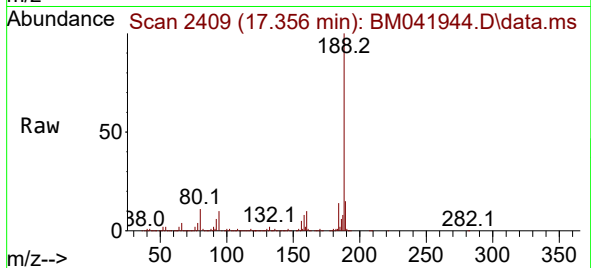
Tgt Ion:188 Resp: 1667558

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.018 min

Lab File: BM041944.D

Acq: 20 Sep 2023 18:39

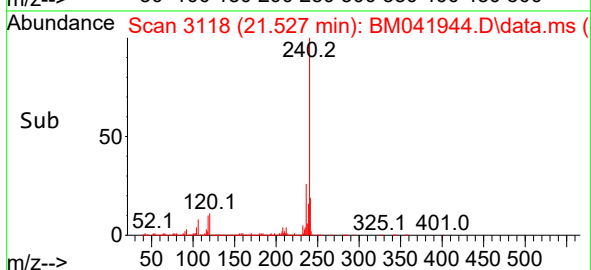
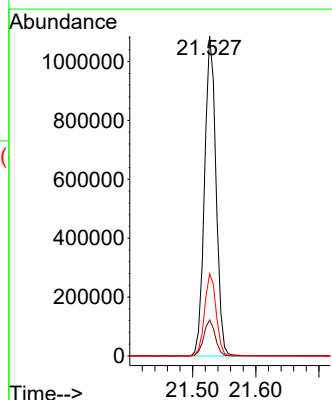
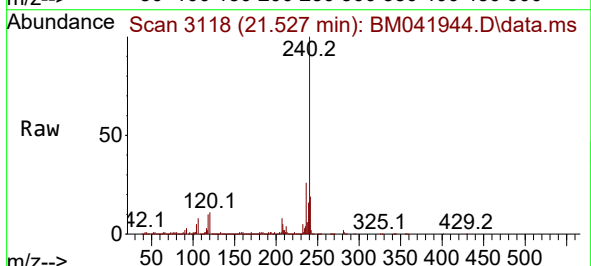
Tgt Ion:240 Resp: 1375135

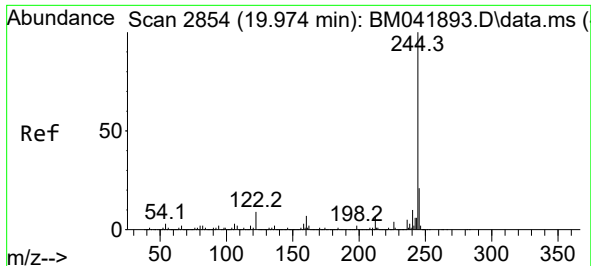
Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

236 25.7 20.7 31.1

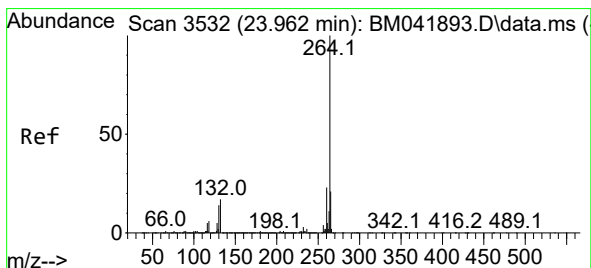
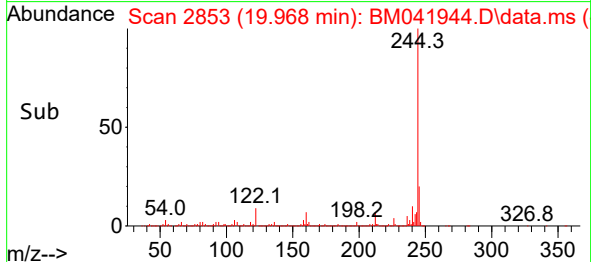
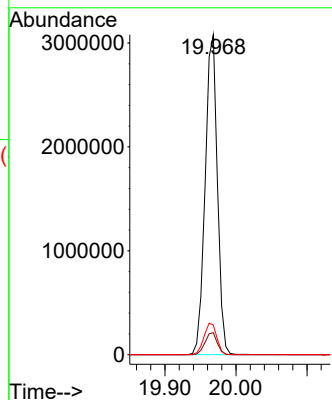
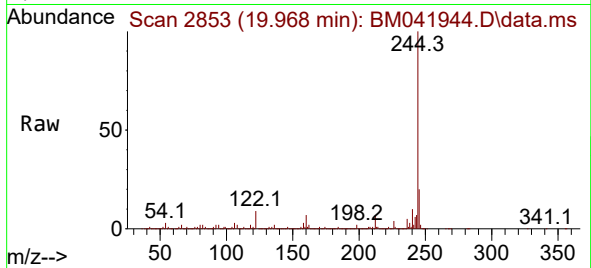




#79
 Terphenyl-d14
 Concen: 48.851 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041944.D
 Acq: 20 Sep 2023 18:39

Instrument :
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Tgt Ion:244 Resp: 3688443
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.3 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.944 min Scan# 3529
 Delta R.T. -0.018 min
 Lab File: BM041944.D
 Acq: 20 Sep 2023 18:39

Tgt Ion:264 Resp: 1230019
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.9 17.0 25.6

