

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041945.D
 Acq On : 20 Sep 2023 19:16
 Operator : MA/JU
 Sample : 04436-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPT103-02

Quant Time: Sep 21 03:16:29 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	279514	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1145770	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	725092	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1572194	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1329658	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1225421	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1541622	91.864	ng	0.00
7) Phenol-d6	7.104	99	2087588	89.594	ng	0.00
23) Nitrobenzene-d5	9.151	82	1269433	56.411	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	789875	87.308	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	2761517	55.900	ng	-0.01
79) Terphenyl-d14	19.962	244	3758105	51.476	ng	-0.01

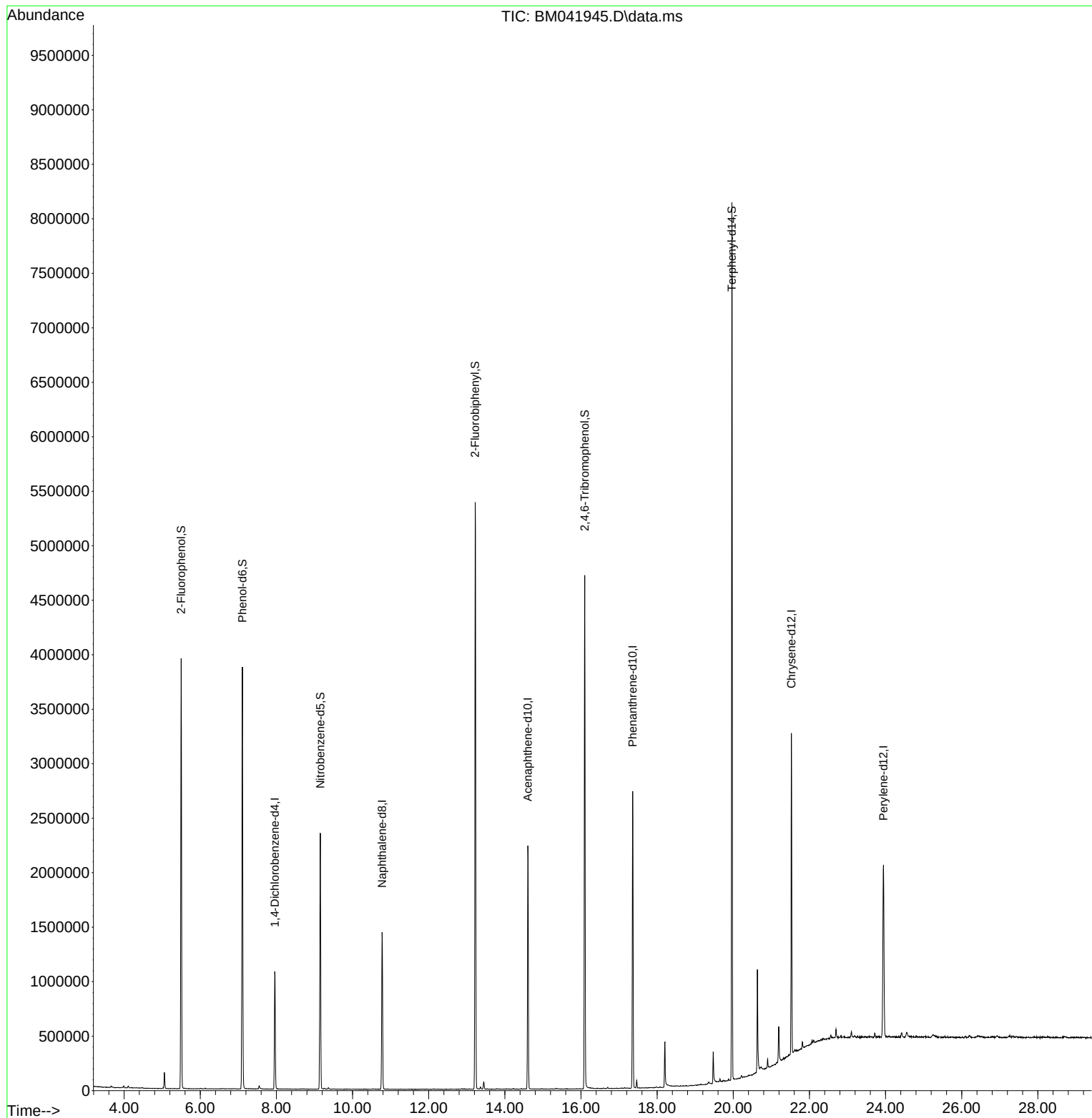
Target Compounds	Qvalue

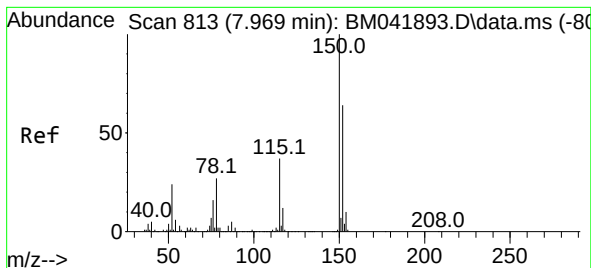
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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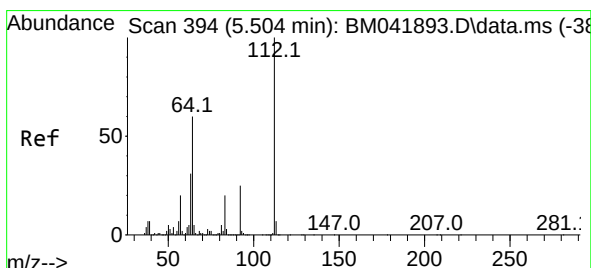
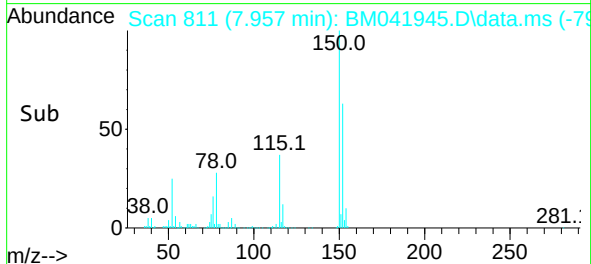
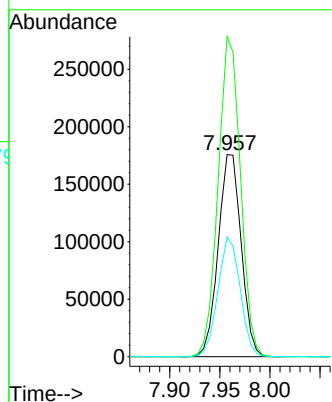
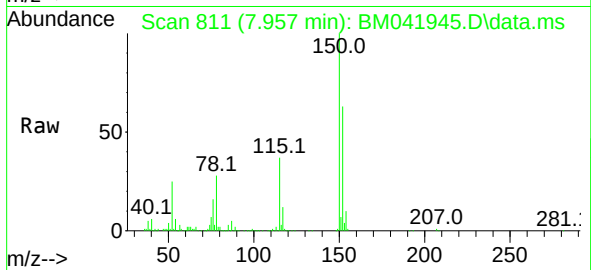




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

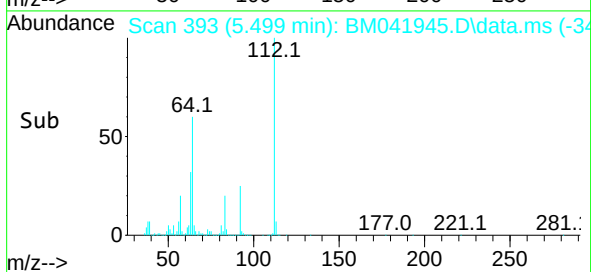
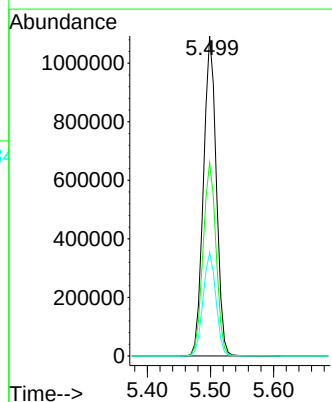
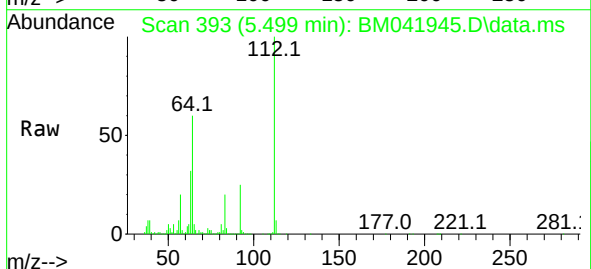
Instrument :
BNA_M
ClientSampleId :
CPT103-02

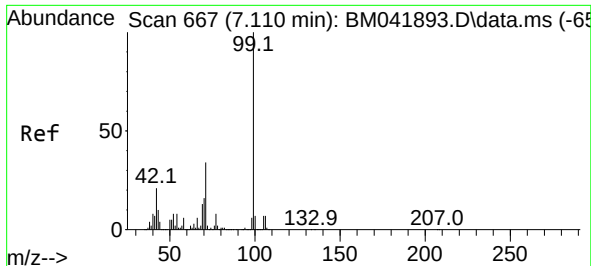
Tgt Ion:152 Resp: 279514
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 59.1 46.8 70.2



#5
2-Fluorophenol
Concen: 91.864 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

Tgt Ion:112 Resp: 1541622
Ion Ratio Lower Upper
112 100
64 60.4 48.1 72.1
63 32.3 25.0 37.6

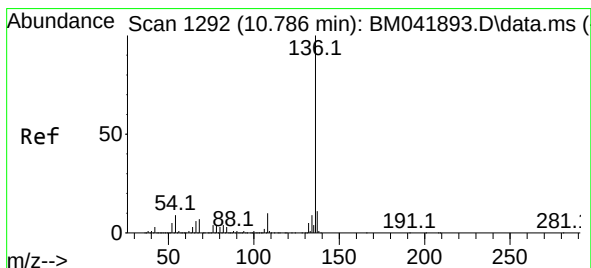
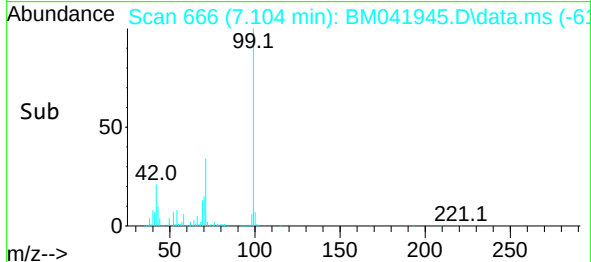
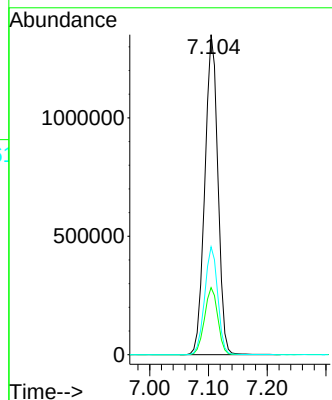
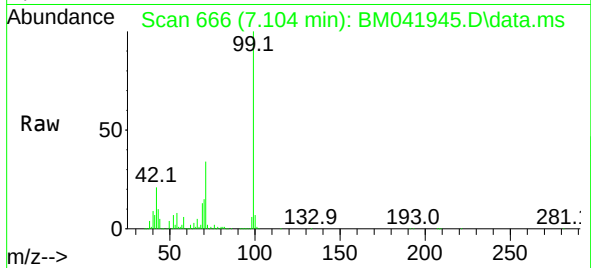




#7
Phenol-d6
Concen: 89.594 ng
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

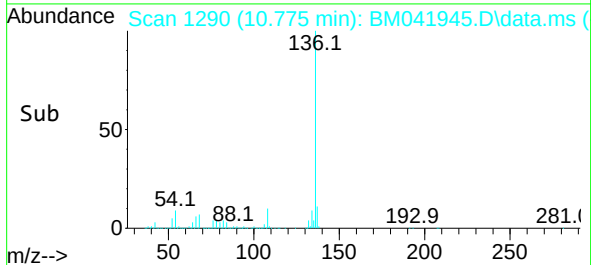
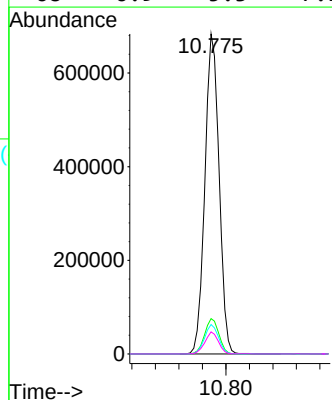
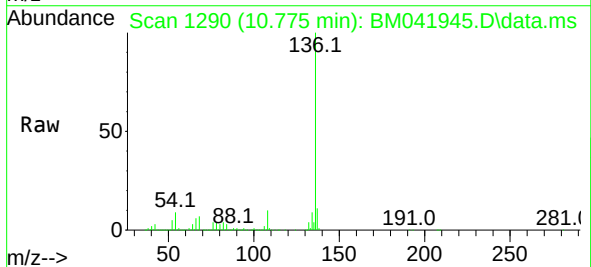
Instrument :
BNA_M
ClientSampleId :
CPT103-02

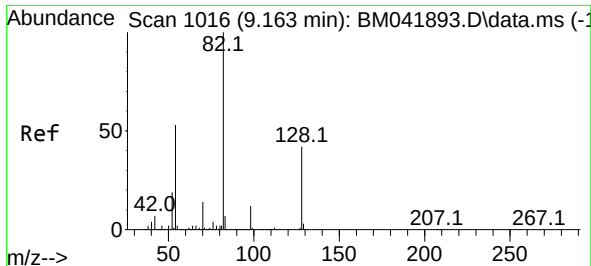
Tgt Ion: 99 Resp: 2087588
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 33.7 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

Tgt Ion: 136 Resp: 1145770
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.0 10.4
68 6.9 5.3 7.9

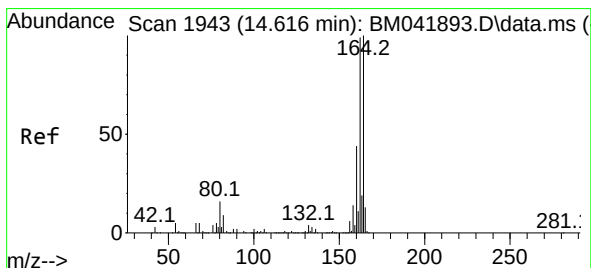
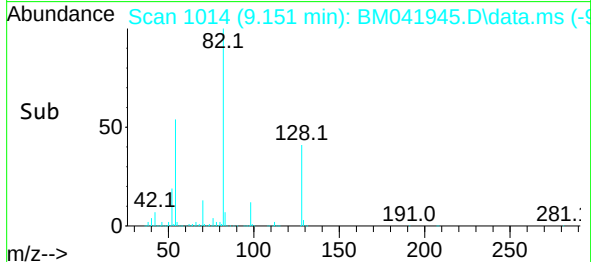
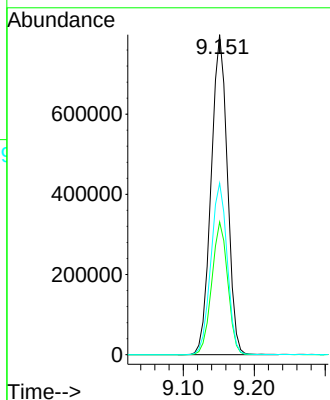
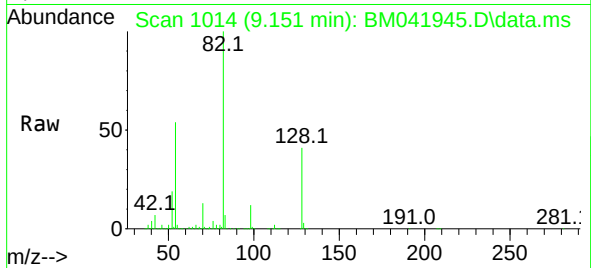




#23
Nitrobenzene-d5
Concen: 56.411 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

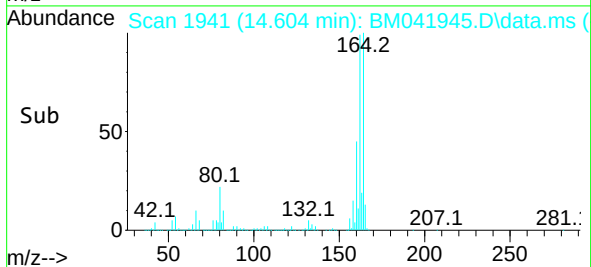
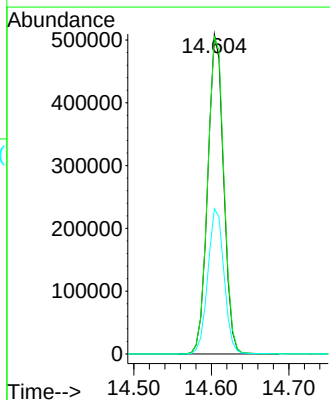
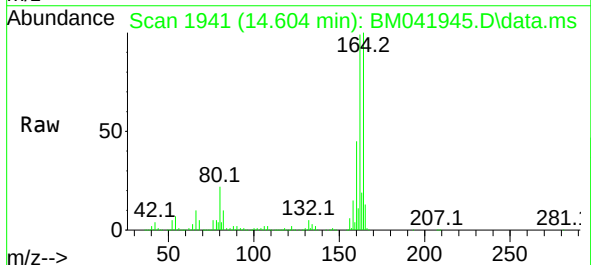
Instrument :
BNA_M
ClientSampleId :
CPT103-02

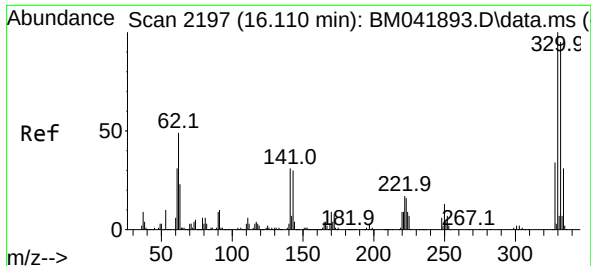
Tgt Ion: 82 Resp: 1269433
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.6
54 53.6 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

Tgt Ion: 164 Resp: 725092
Ion Ratio Lower Upper
164 100
162 99.1 79.3 118.9
160 45.4 35.6 53.4

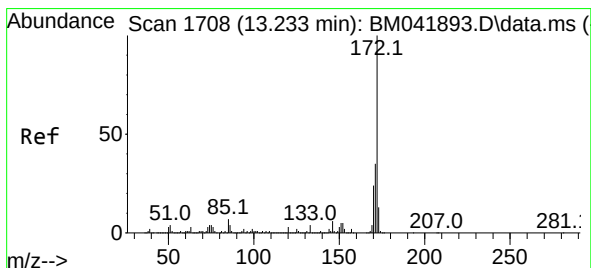
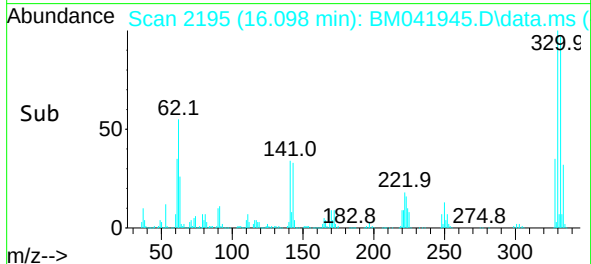
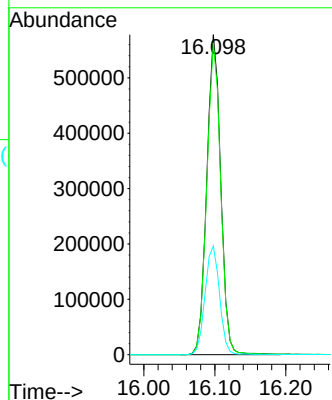
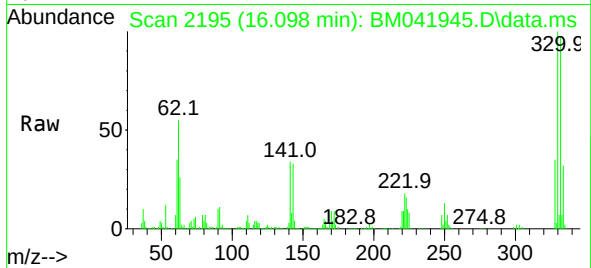




#42
2,4,6-Tribromophenol
Concen: 87.308 ng
RT: 16.098 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

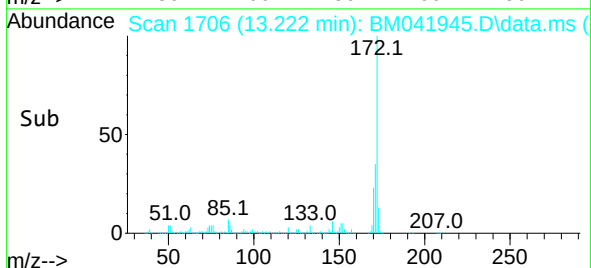
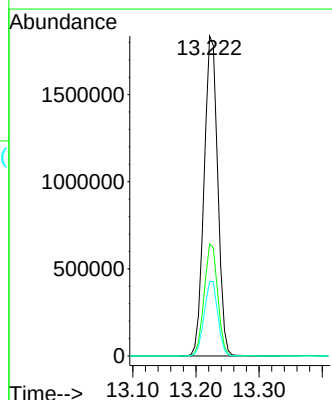
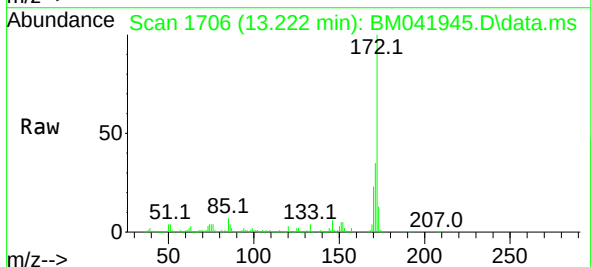
Instrument :
BNA_M
ClientSampleId :
CPT103-02

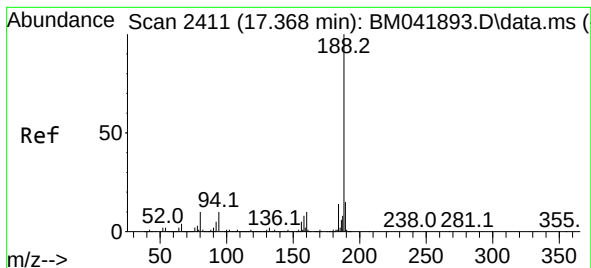
Tgt Ion:330 Resp: 789875
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 35.4 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 55.900 ng
RT: 13.222 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BM041945.D
Acq: 20 Sep 2023 19:16

Tgt Ion:172 Resp: 2761517
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041945.D

Acq: 20 Sep 2023 19:16

Instrument :

BNA_M

ClientSampleId :

CPT103-02

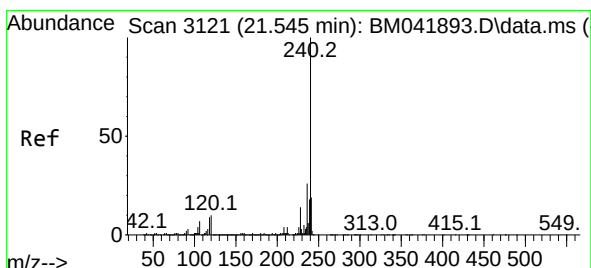
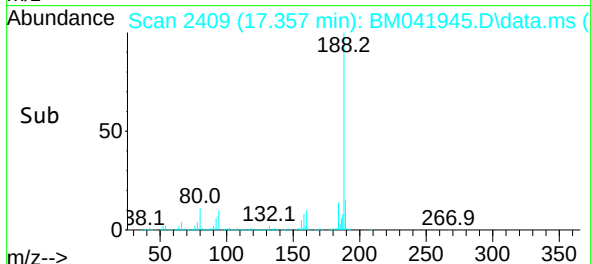
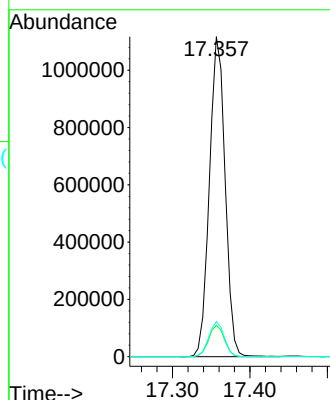
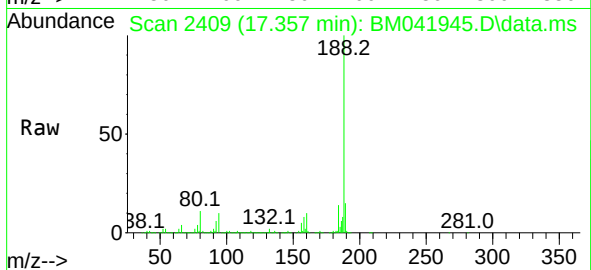
Tgt Ion:188 Resp: 1572194

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 11.0 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: BM041945.D

Acq: 20 Sep 2023 19:16

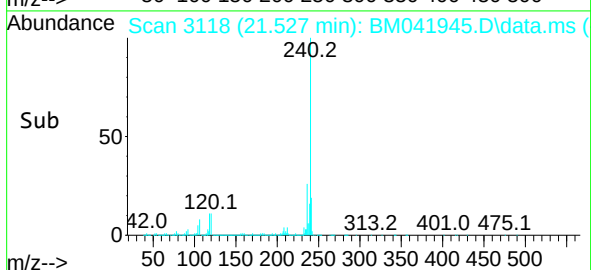
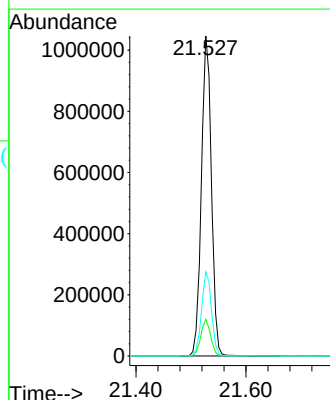
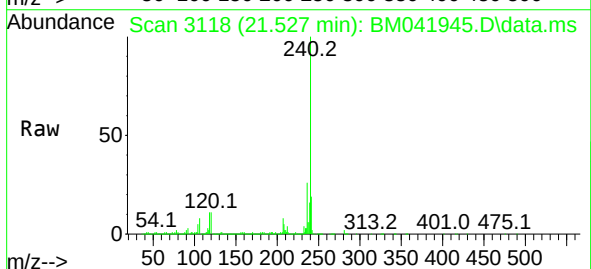
Tgt Ion:240 Resp: 1329658

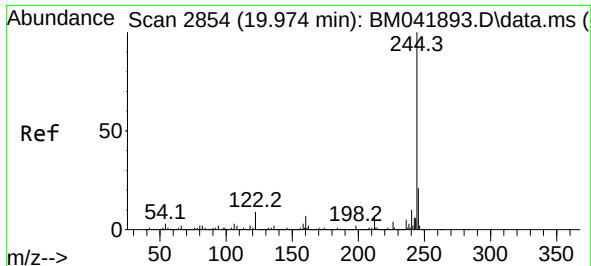
Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

236 26.3 20.7 31.1

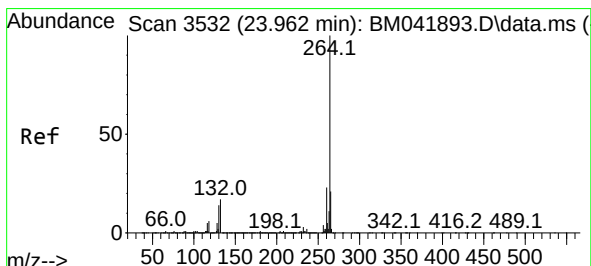
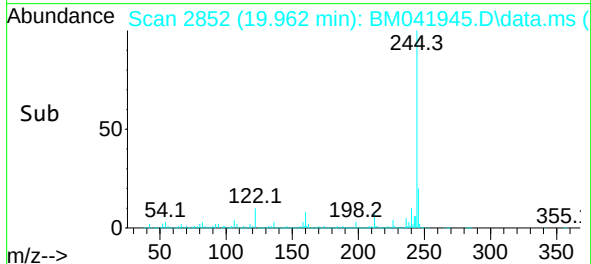
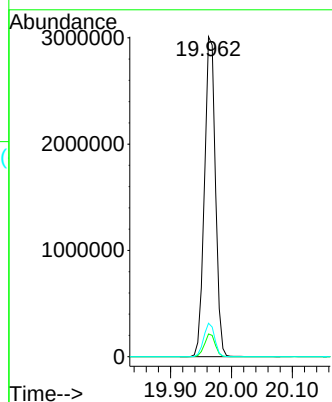
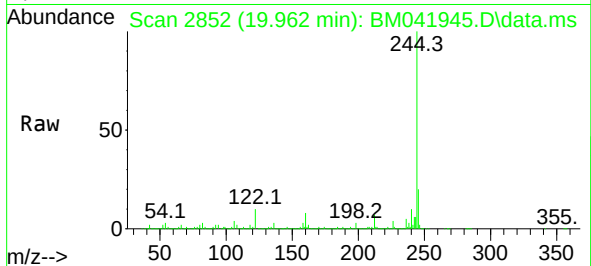




#79
 Terphenyl-d14
 Concen: 51.476 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM041945.D
 Acq: 20 Sep 2023 19:16

Instrument :
 BNA_M
 ClientSampleId :
 CPT103-02

Tgt Ion:244 Resp: 3758105
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.5 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: BM041945.D
 Acq: 20 Sep 2023 19:16

Tgt Ion:264 Resp: 1225421
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.9 17.0 25.6

