

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041947.D
 Acq On : 20 Sep 2023 20:29
 Operator : MA/JU
 Sample : 04453-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPT102-12

Quant Time: Sep 21 03:16:54 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	312899	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1290931	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	807032	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1651839	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1230712	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1151513	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2323197	123.667	ng	0.00
7) Phenol-d6	7.110	99	3158445	121.089	ng	0.00
23) Nitrobenzene-d5	9.151	82	1914453	75.507	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1138612	113.077	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	4140671	75.307	ng	0.00
79) Terphenyl-d14	19.968	244	5392708	79.805	ng	0.00

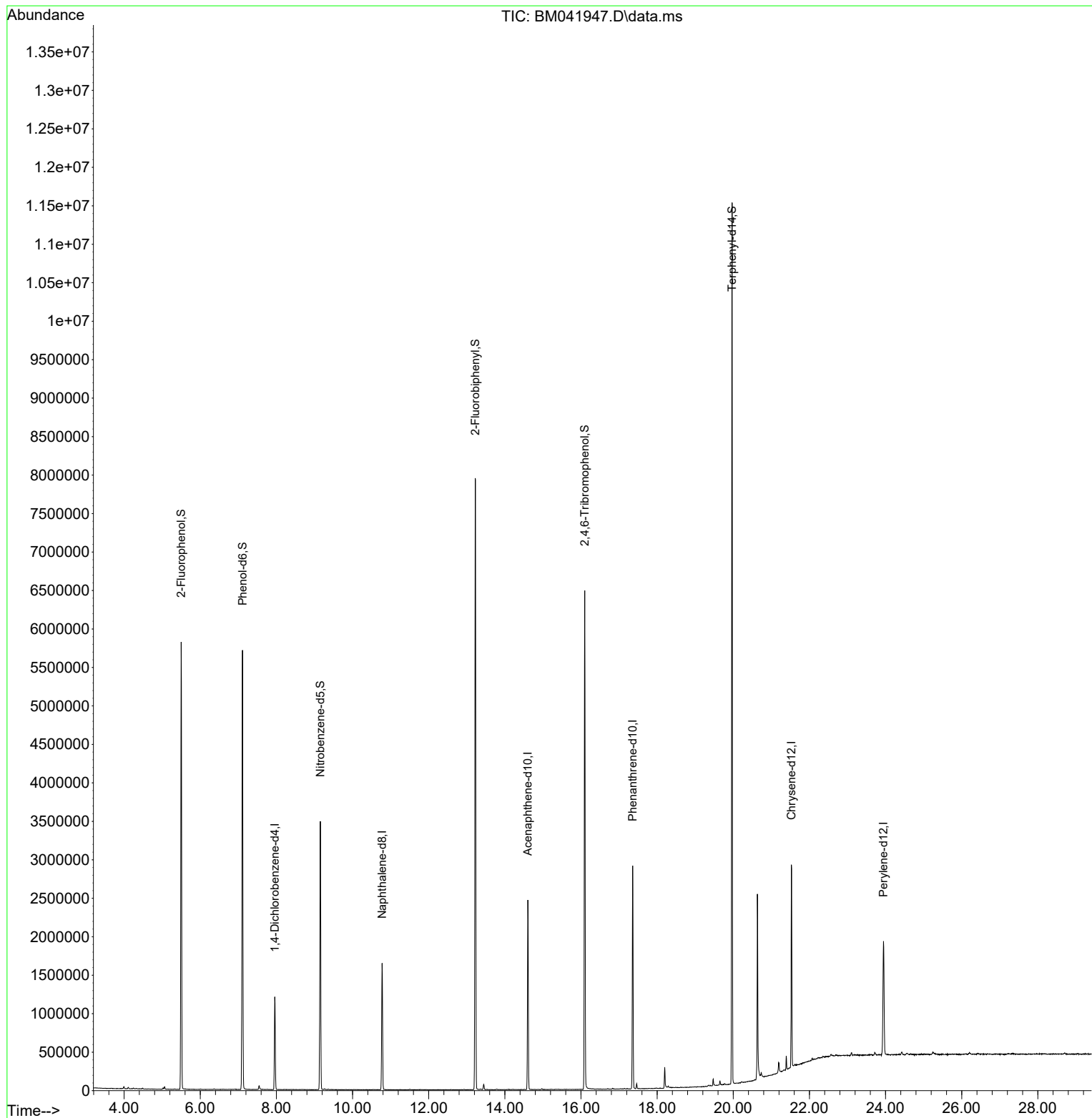
Target Compounds	Qvalue

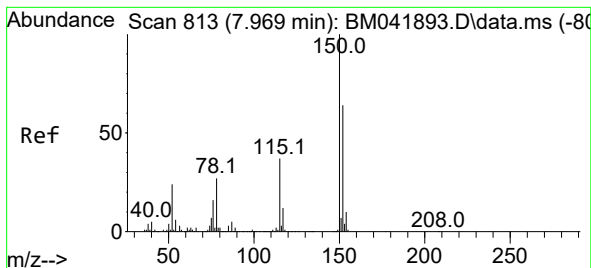
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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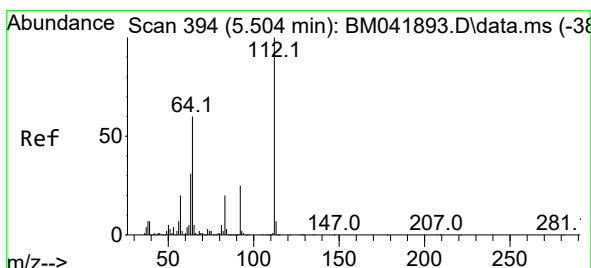
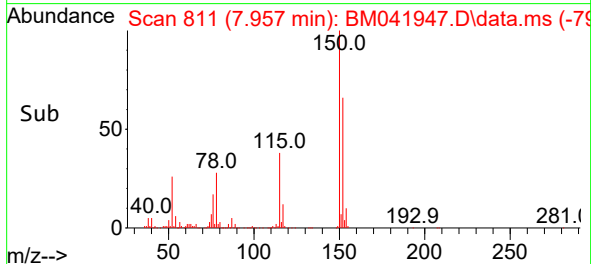
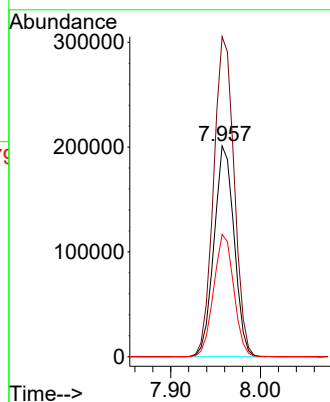
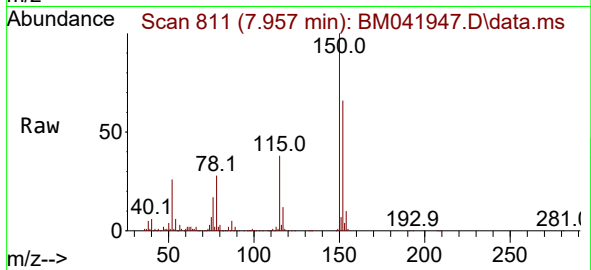




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041947.D
Acq: 20 Sep 2023 20:29

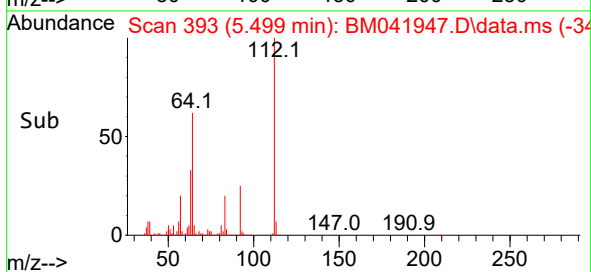
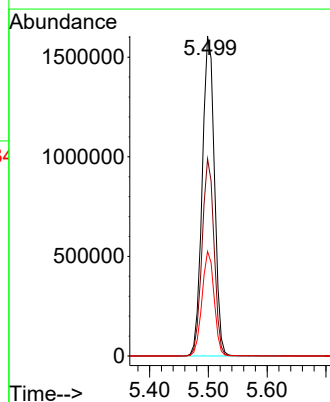
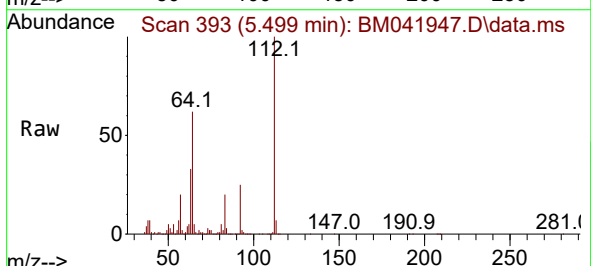
Instrument :
BNA_M
ClientSampleId :
CPT102-12

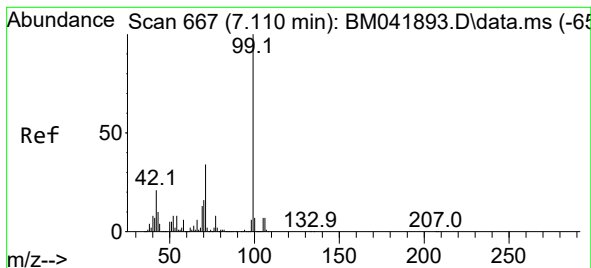
Tgt Ion:152 Resp: 312899
Ion Ratio Lower Upper
152 100
150 151.8 125.9 188.9
115 58.0 46.8 70.2



#5
2-Fluorophenol
Concen: 123.667 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041947.D
Acq: 20 Sep 2023 20:29

Tgt Ion:112 Resp: 2323197
Ion Ratio Lower Upper
112 100
64 61.6 48.1 72.1
63 32.7 25.0 37.6





#7

Phenol-d6

Concen: 121.089 ng

RT: 7.110 min Scan# 6

Delta R.T. -0.000 min

Lab File: BM041947.D

Acq: 20 Sep 2023 20:29

Instrument :

BNA_M

ClientSampleId :

CPT102-12

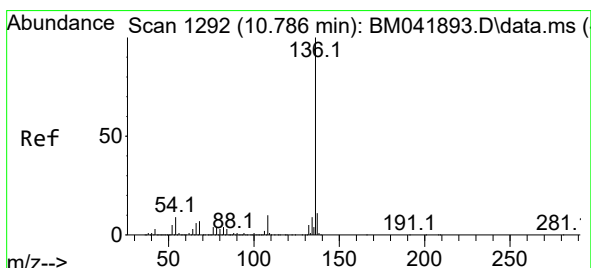
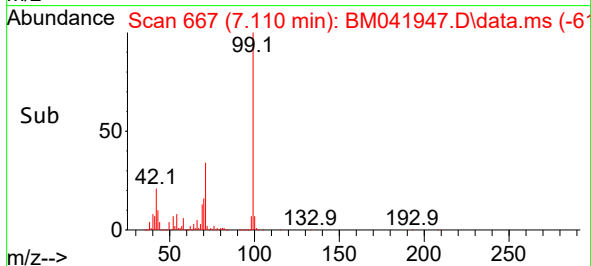
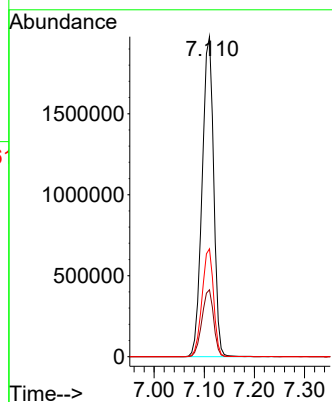
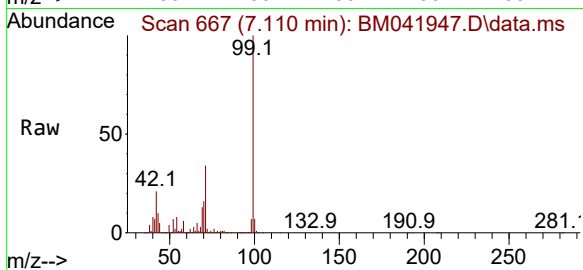
Tgt Ion: 99 Resp: 3158445

Ion Ratio Lower Upper

99 100

42 20.9 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: BM041947.D

Acq: 20 Sep 2023 20:29

Tgt Ion:136 Resp: 1290931

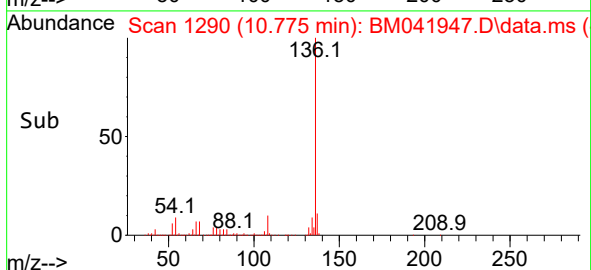
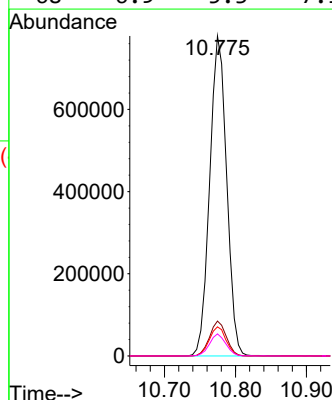
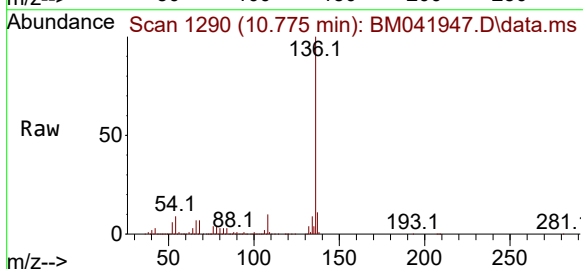
Ion Ratio Lower Upper

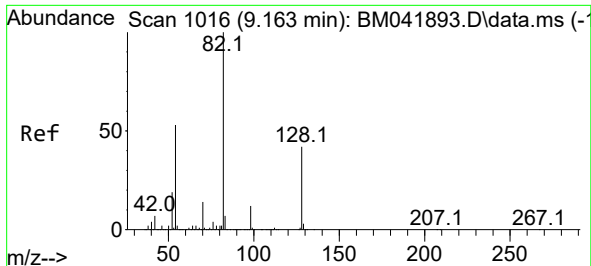
136 100

137 10.9 8.6 13.0

54 9.1 7.0 10.4

68 6.9 5.3 7.9





#23

Nitrobenzene-d5

Concen: 75.507 ng

RT: 9.151 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM041947.D

Acq: 20 Sep 2023 20:29

Instrument :

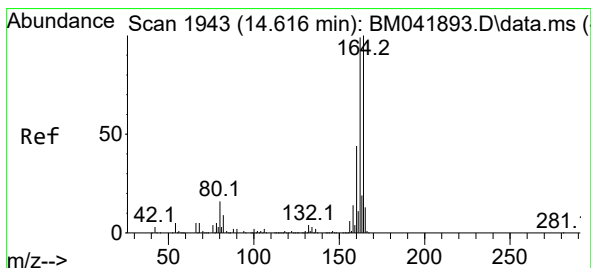
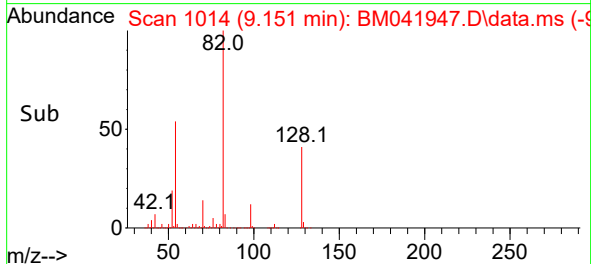
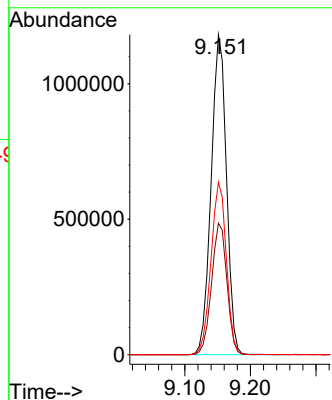
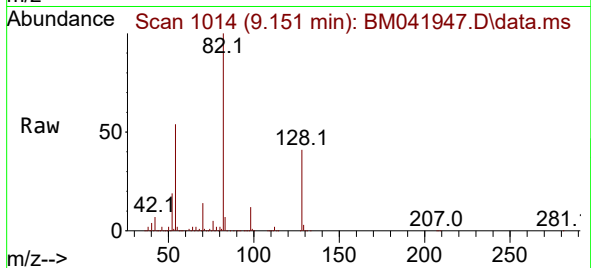
BNA_M

ClientSampleId :

CPT102-12

Tgt Ion: 82 Resp: 1914453

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.8	50.6
54	53.9	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

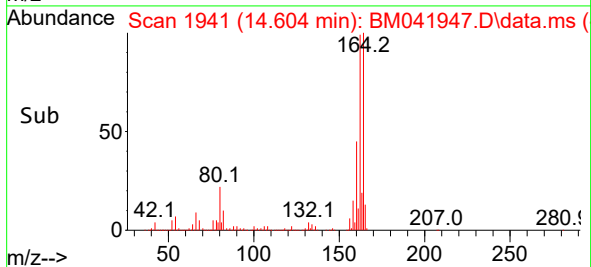
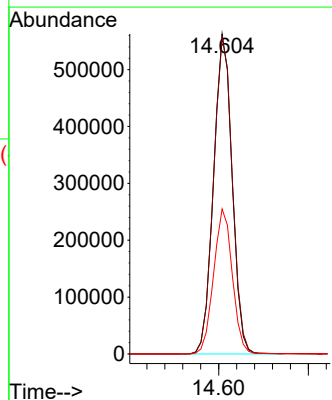
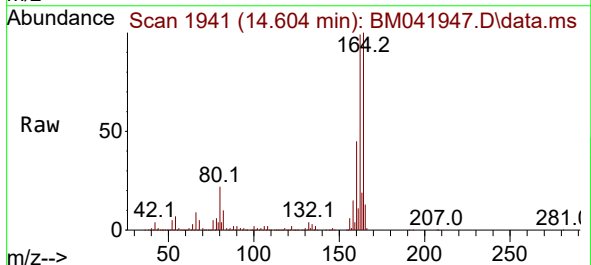
Delta R.T. -0.012 min

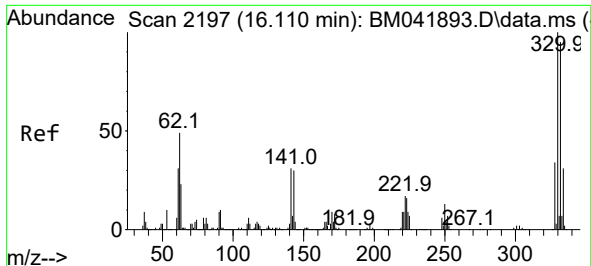
Lab File: BM041947.D

Acq: 20 Sep 2023 20:29

Tgt Ion: 164 Resp: 807032

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.3	118.9
160	45.3	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 113.077 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041947.D

Acq: 20 Sep 2023 20:29

Instrument :

BNA_M

ClientSampleId :

CPT102-12

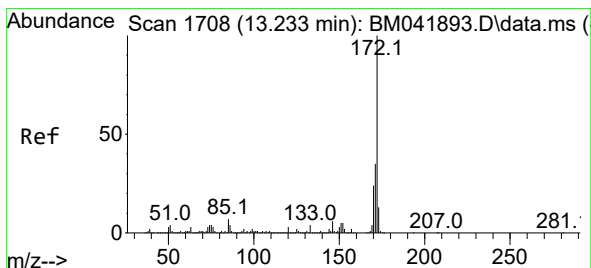
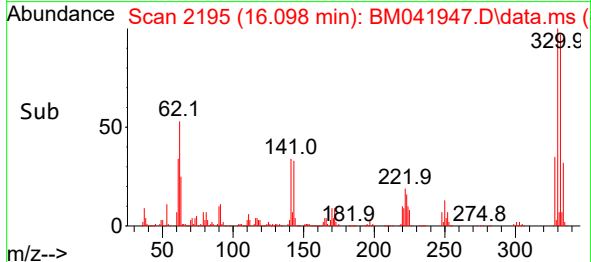
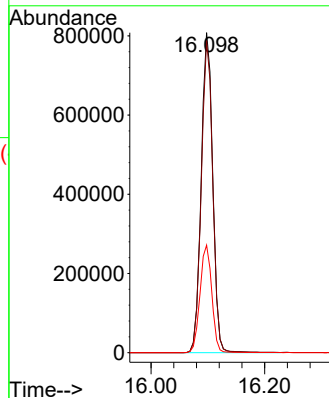
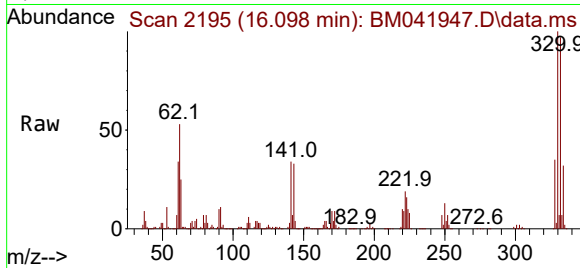
Tgt Ion:330 Resp: 1138612

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

141 34.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 75.307 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041947.D

Acq: 20 Sep 2023 20:29

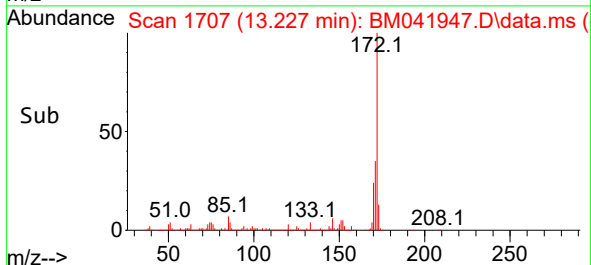
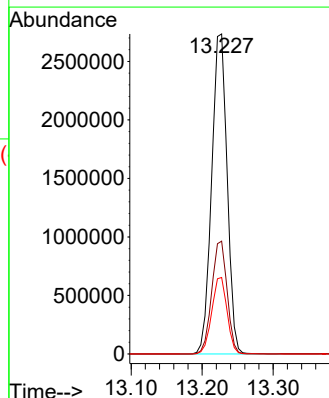
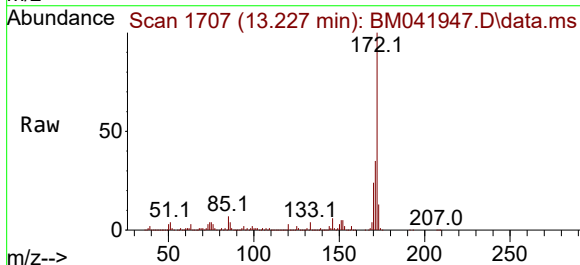
Tgt Ion:172 Resp: 4140671

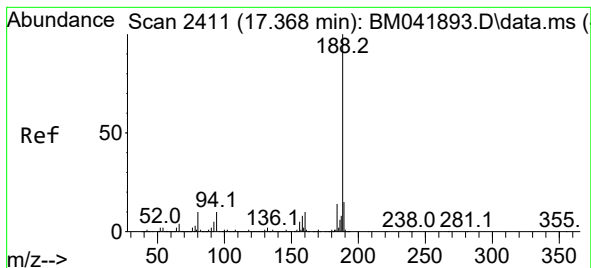
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.9 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: BM041947.D

Acq: 20 Sep 2023 20:29

Instrument :

BNA_M

ClientSampleId :

CPT102-12

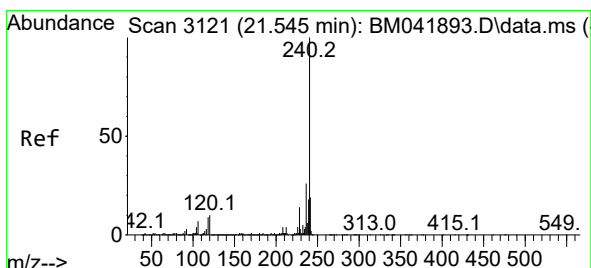
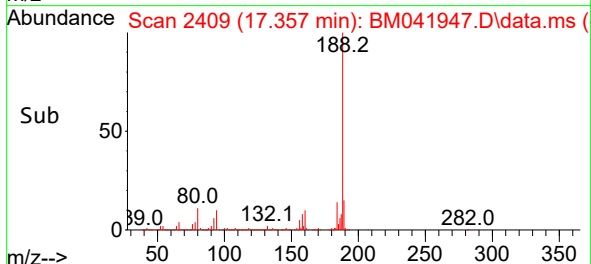
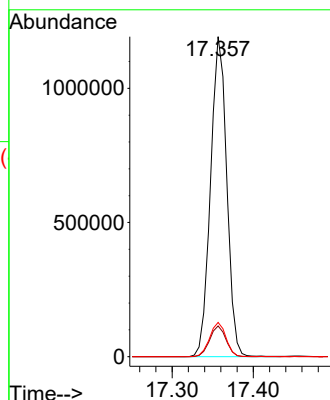
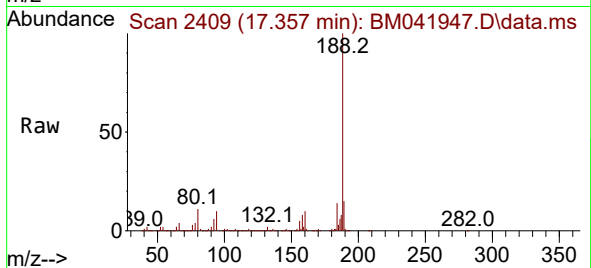
Tgt Ion:188 Resp: 1651839

Ion Ratio Lower Upper

188 100

94 9.6 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: BM041947.D

Acq: 20 Sep 2023 20:29

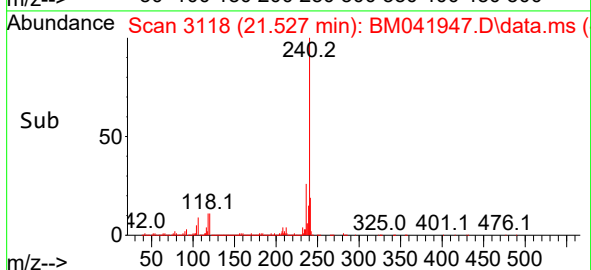
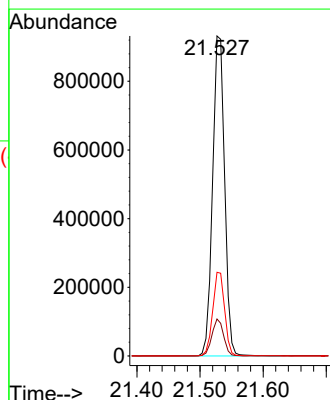
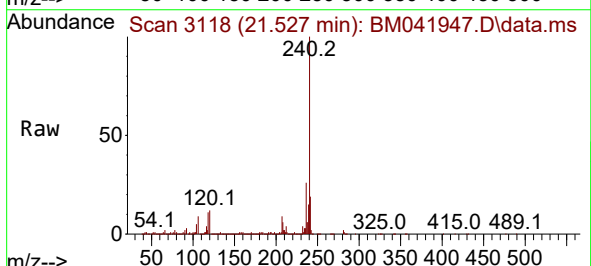
Tgt Ion:240 Resp: 1230712

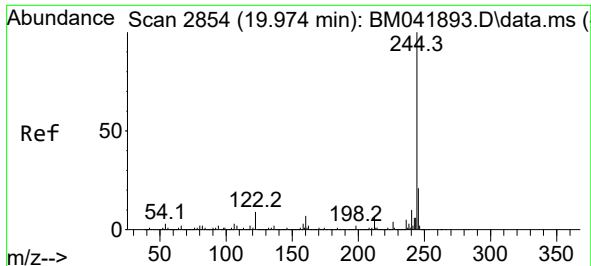
Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

236 26.2 20.7 31.1

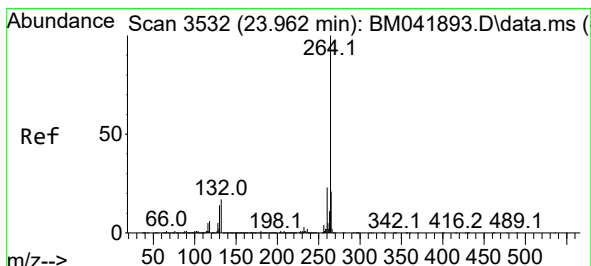
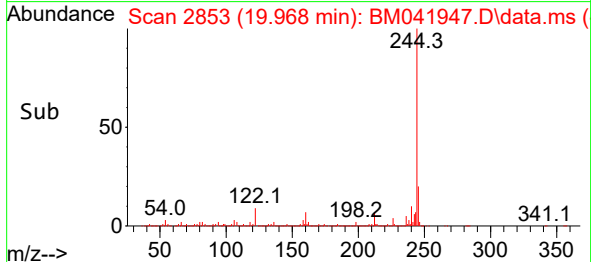
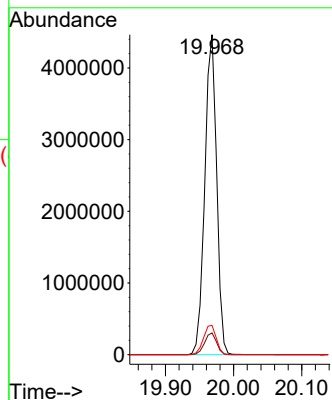
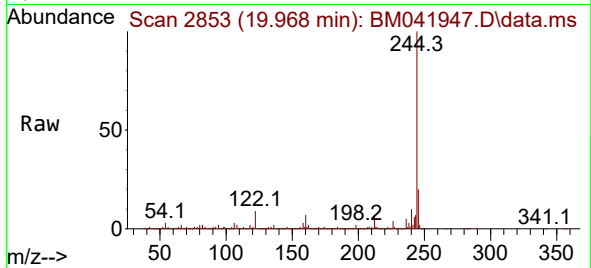




#79
 Terphenyl-d14
 Concen: 79.805 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041947.D
 Acq: 20 Sep 2023 20:29

Instrument :
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Tgt Ion:244 Resp: 5392708
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.1 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: BM041947.D
 Acq: 20 Sep 2023 20:29

Tgt Ion:264 Resp: 1151513
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.8 17.0 25.6

