

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041924.D
 Acq On : 20 Sep 2023 04:05
 Operator : MA/JU
 Sample : 04436-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-9-13

Quant Time: Sep 20 04:45:21 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	7.963	152	267753	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1120890	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	739491	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1607487	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1429927	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1385674	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	757603	47.128	ng	0.00
7) Phenol-d6	7.104	99	623920	27.953	ng	0.00
23) Nitrobenzene-d5	9.151	82	1771757	80.480	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1123144	121.729	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	4011542	79.622	ng	0.00
79) Terphenyl-d14	19.968	244	7942219	101.160	ng	0.00

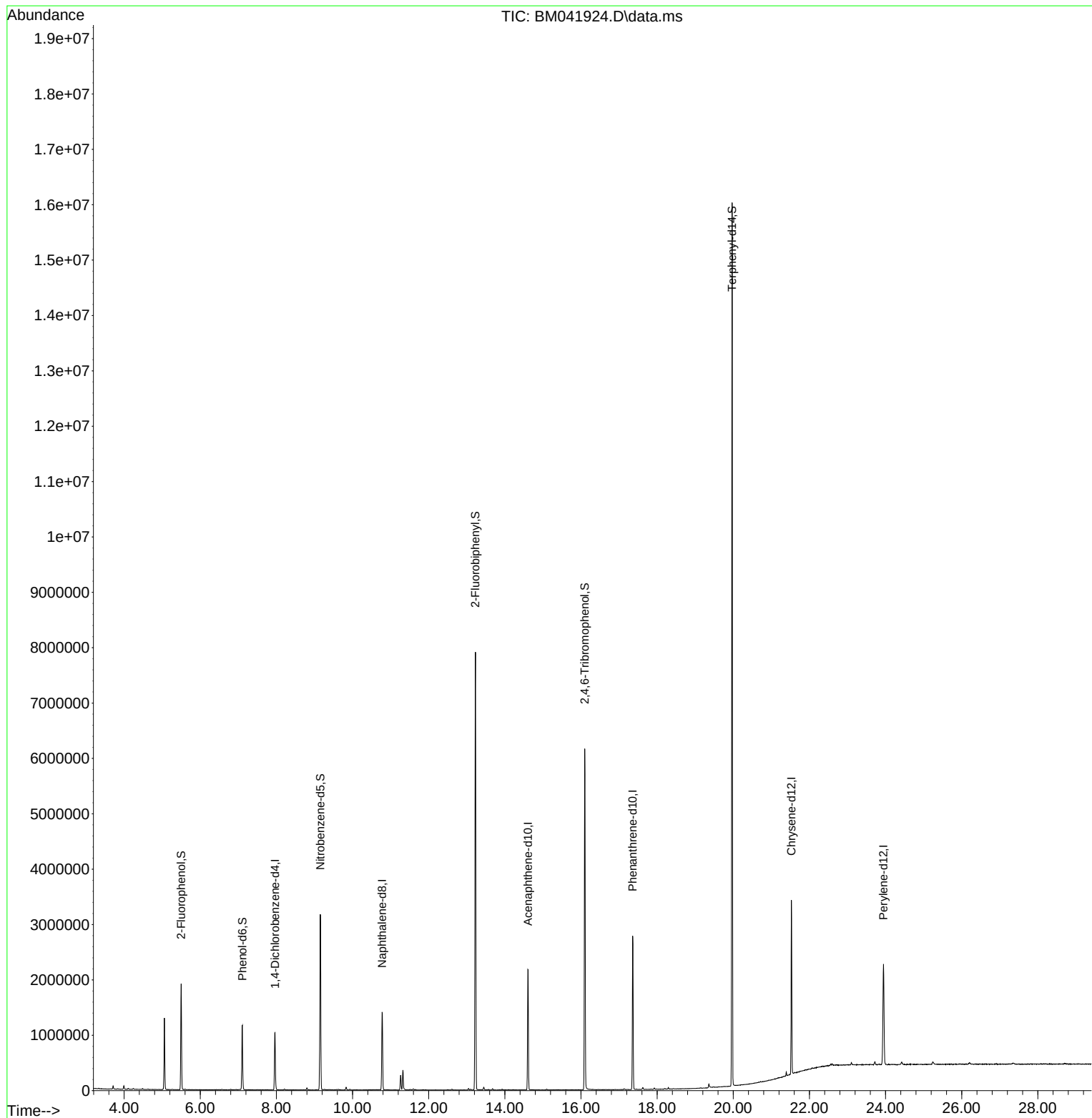
Target Compounds	Qvalue

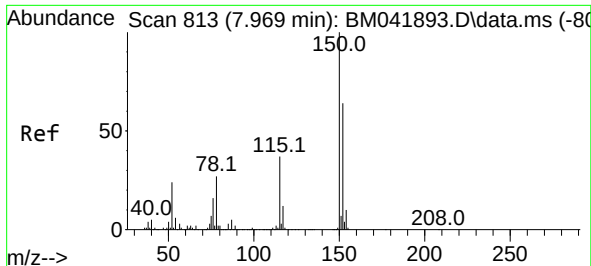
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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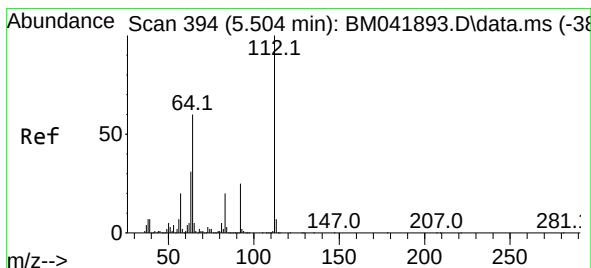
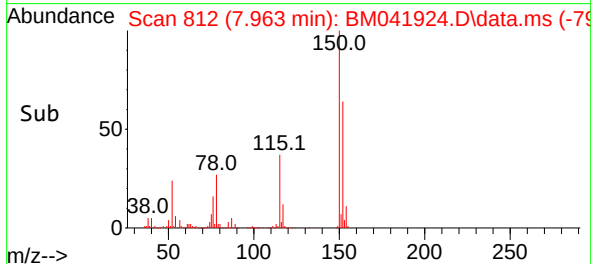
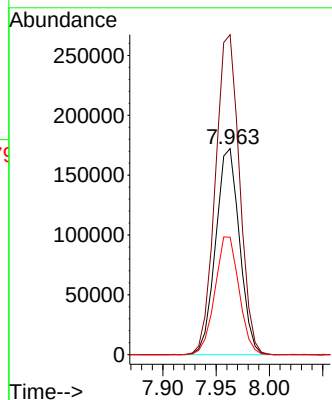
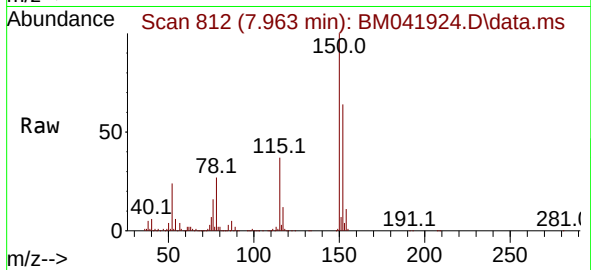




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041924.D
Acq: 20 Sep 2023 04:05

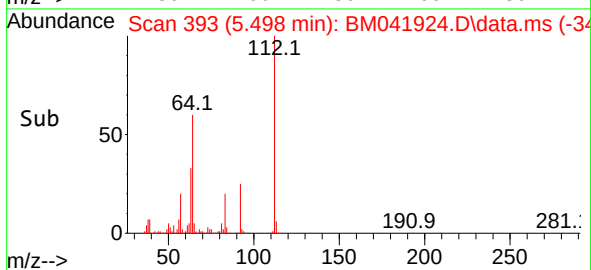
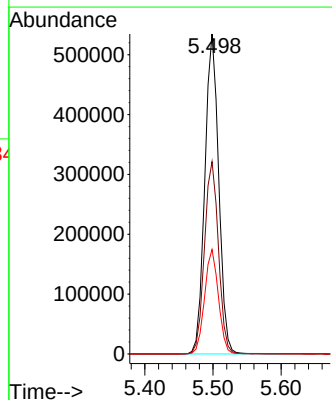
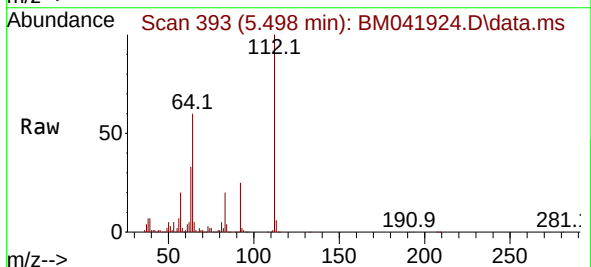
Instrument :
BNA_M
ClientSampleId :
FB-9-13

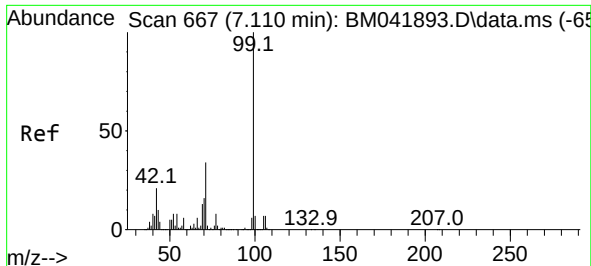
Tgt Ion:152 Resp: 267753
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 57.0 46.8 70.2



#5
2-Fluorophenol
Concen: 47.128 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041924.D
Acq: 20 Sep 2023 04:05

Tgt Ion:112 Resp: 757603
Ion Ratio Lower Upper
112 100
64 60.1 48.1 72.1
63 32.7 25.0 37.6

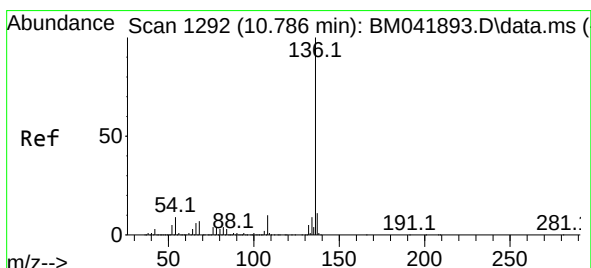
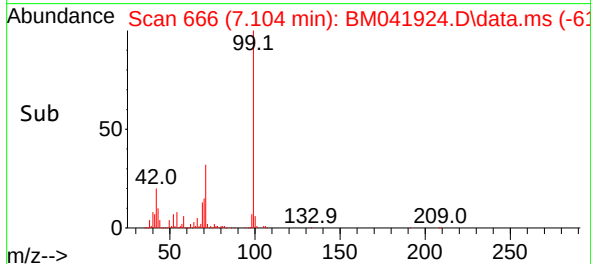
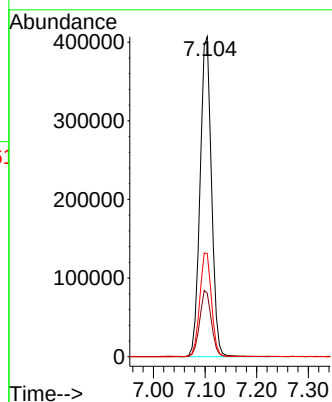
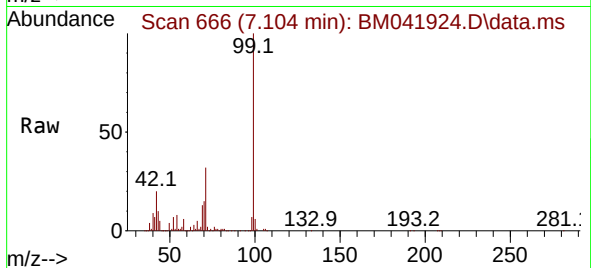




#7
Phenol-d6
Concen: 27.953 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041924.D
Acq: 20 Sep 2023 04:05

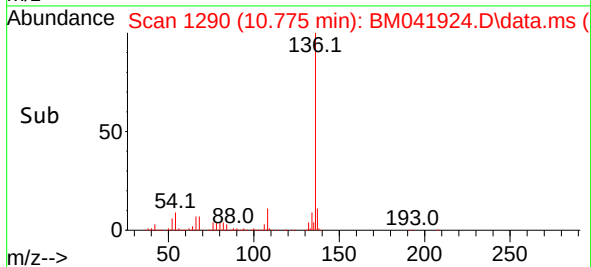
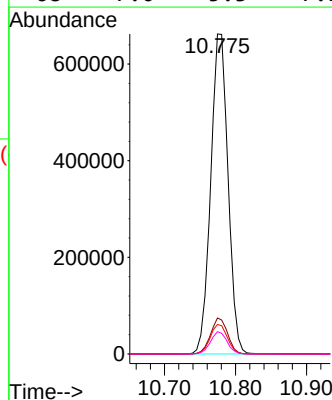
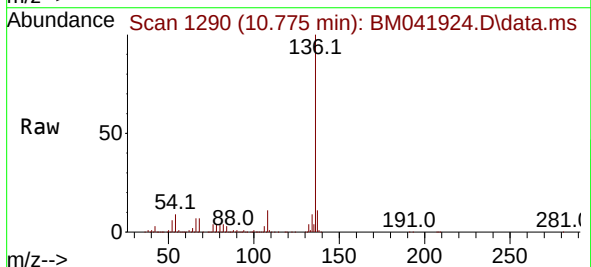
Instrument :
BNA_M
ClientSampleId :
FB-9-13

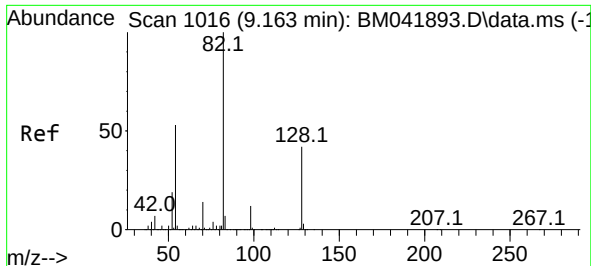
Tgt Ion: 99 Resp: 623920
Ion Ratio Lower Upper
99 100
42 19.8 16.6 25.0
71 32.3 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041924.D
Acq: 20 Sep 2023 04:05

Tgt Ion: 136 Resp: 1120890
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 7.0 10.4
68 7.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 80.480 ng

RT: 9.151 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM041924.D

Acq: 20 Sep 2023 04:05

Instrument :

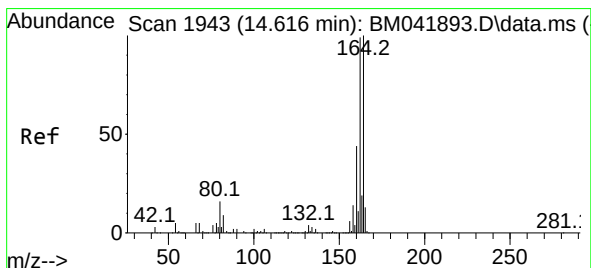
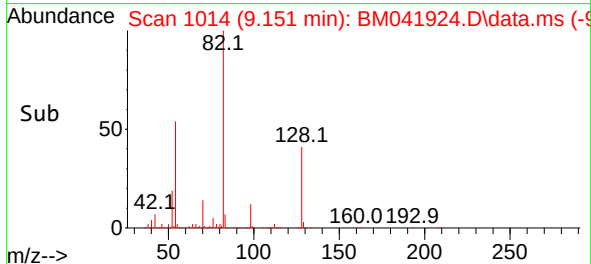
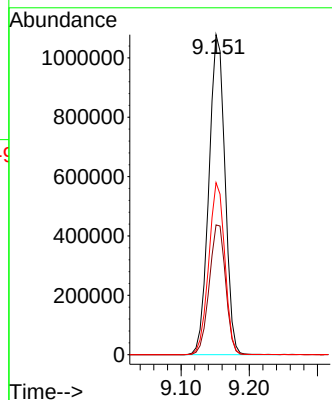
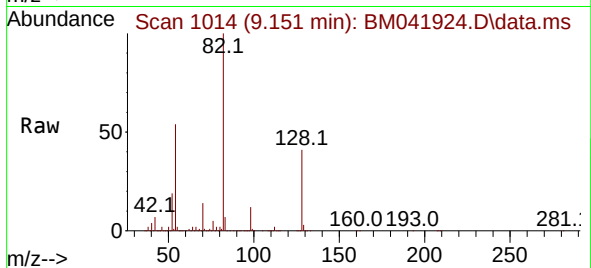
BNA_M

ClientSampleId :

FB-9-13

Tgt Ion: 82 Resp: 1771757

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.8	50.6
54	53.7	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

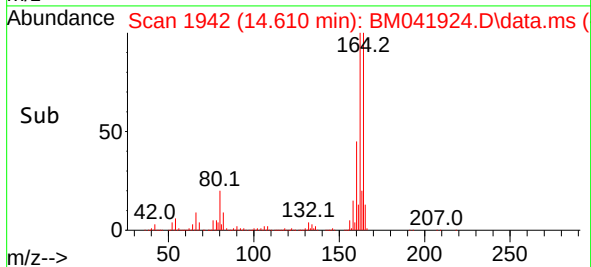
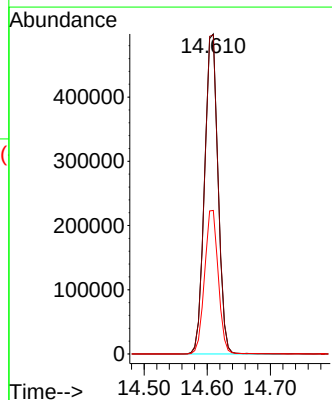
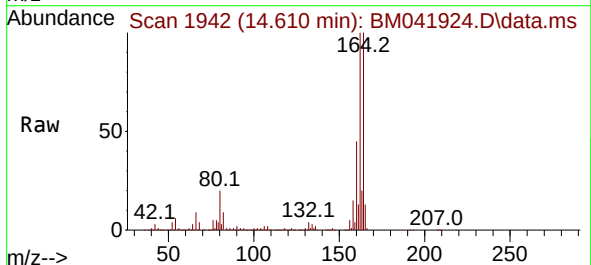
Delta R.T. -0.006 min

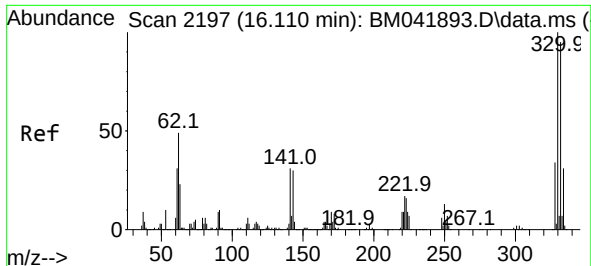
Lab File: BM041924.D

Acq: 20 Sep 2023 04:05

Tgt Ion: 164 Resp: 739491

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.3	118.9
160	44.9	35.6	53.4

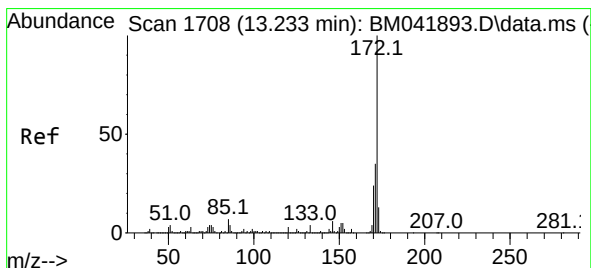
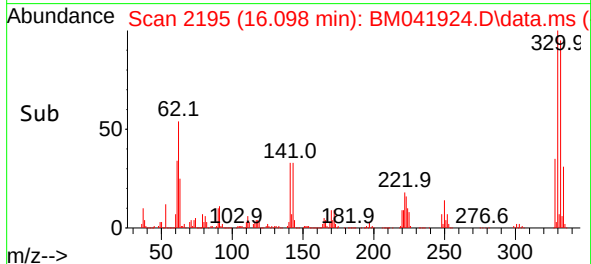
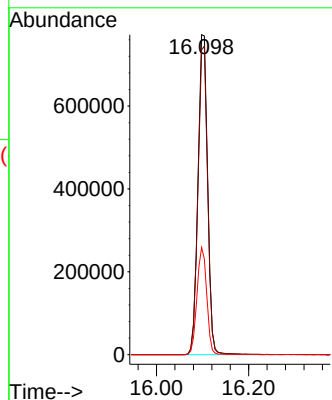
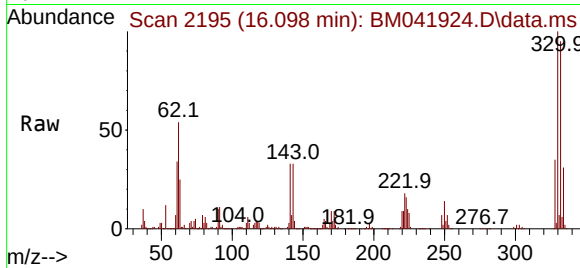




#42
2,4,6-Tribromophenol
Concen: 121.729 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041924.D
Acq: 20 Sep 2023 04:05

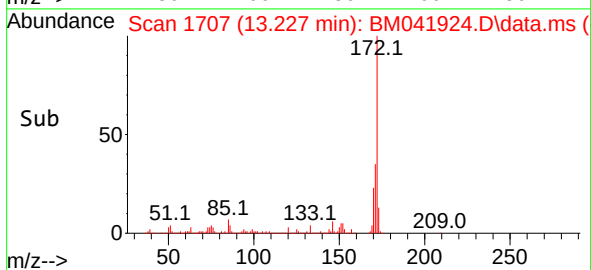
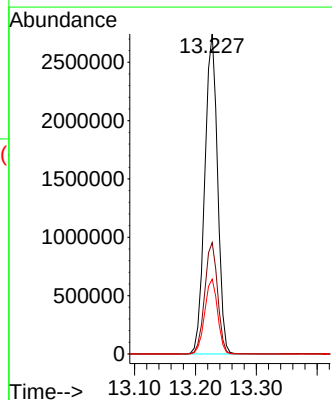
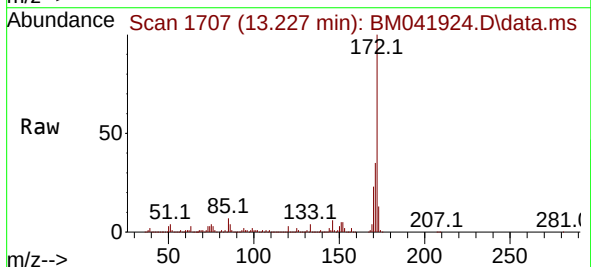
Instrument :
BNA_M
ClientSampleId :
FB-9-13

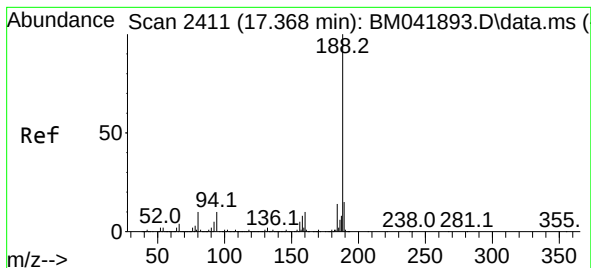
Tgt Ion:330 Resp: 1123144
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 33.8 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 79.622 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041924.D
Acq: 20 Sep 2023 04:05

Tgt Ion:172 Resp: 4011542
Ion Ratio Lower Upper
172 100
171 34.8 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: BM041924.D

Acq: 20 Sep 2023 04:05

Instrument :

BNA_M

ClientSampleId :

FB-9-13

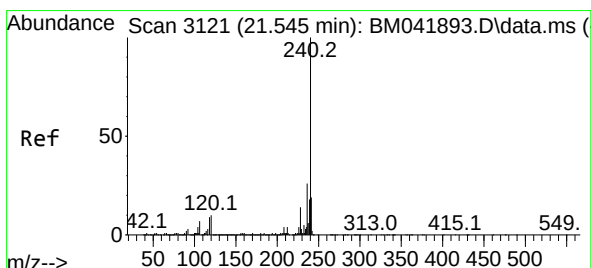
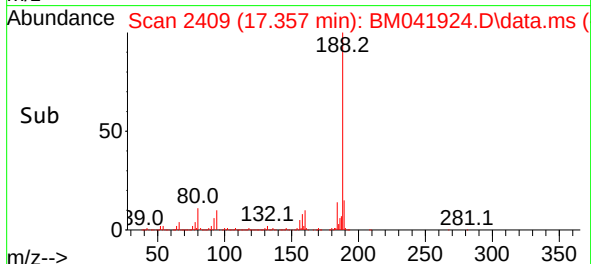
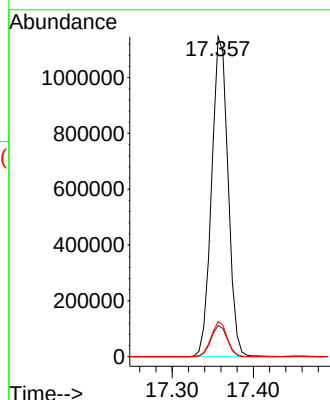
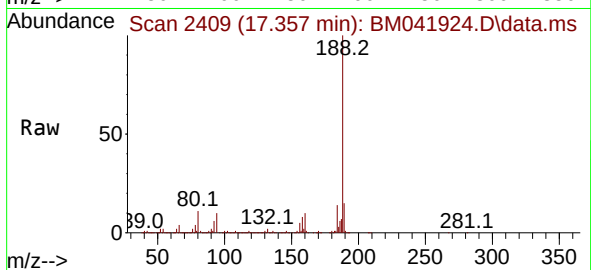
Tgt Ion:188 Resp: 1607487

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.9 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: BM041924.D

Acq: 20 Sep 2023 04:05

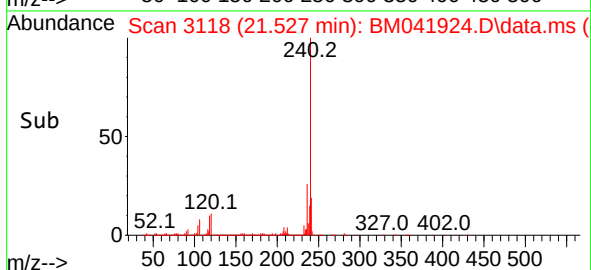
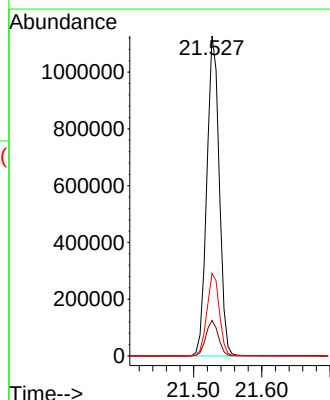
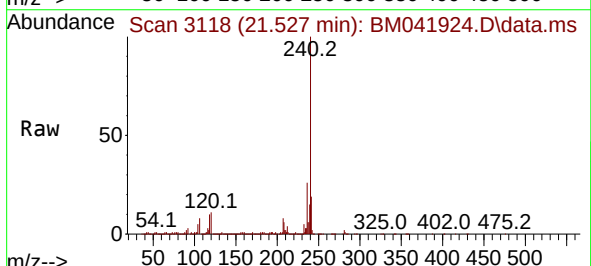
Tgt Ion:240 Resp: 1429927

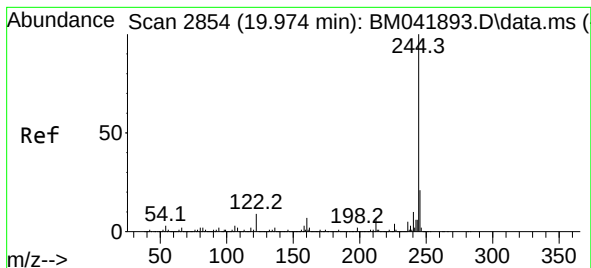
Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 101.160 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041924.D

Acq: 20 Sep 2023 04:05

Instrument :

BNA_M

ClientSampleId :

FB-9-13

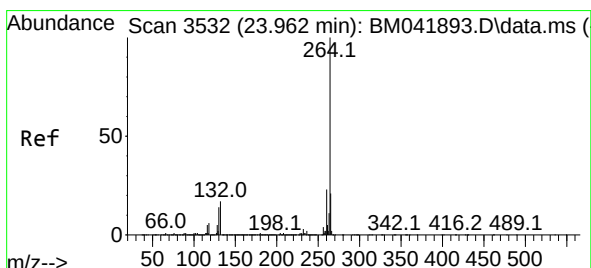
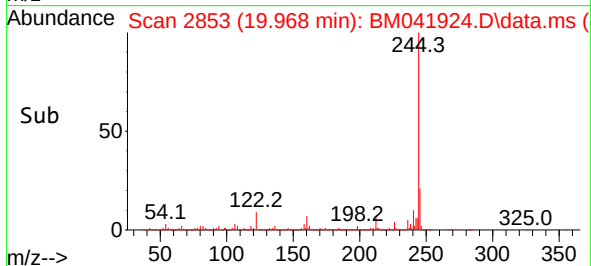
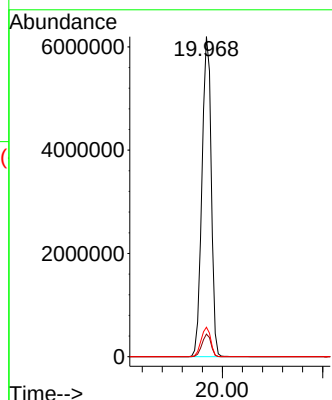
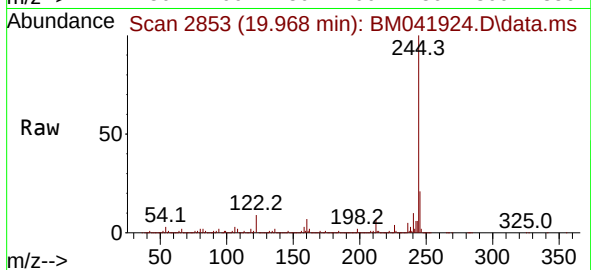
Tgt Ion:244 Resp: 7942219

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.2 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: BM041924.D

Acq: 20 Sep 2023 04:05

Tgt Ion:264 Resp: 1385674

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.6 17.0 25.6

