

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041941.D
 Acq On : 20 Sep 2023 16:48
 Operator : MA/JU
 Sample : 04436-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPT102-23

Quant Time: Sep 20 17:55:04 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	239694	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1009491	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	653549	20.000	ng	-0.01
64) Phenanthrene-d10	17.356	188	1424663	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1228006	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1125460	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1484283	103.141	ng	0.00
7) Phenol-d6	7.104	99	2049512	102.572	ng	0.00
23) Nitrobenzene-d5	9.151	82	1253116	63.203	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	829246	101.694	ng	-0.01
45) 2-Fluorobiphenyl	13.221	172	2684410	60.288	ng	-0.01
79) Terphenyl-d14	19.968	244	4078365	60.487	ng	0.00

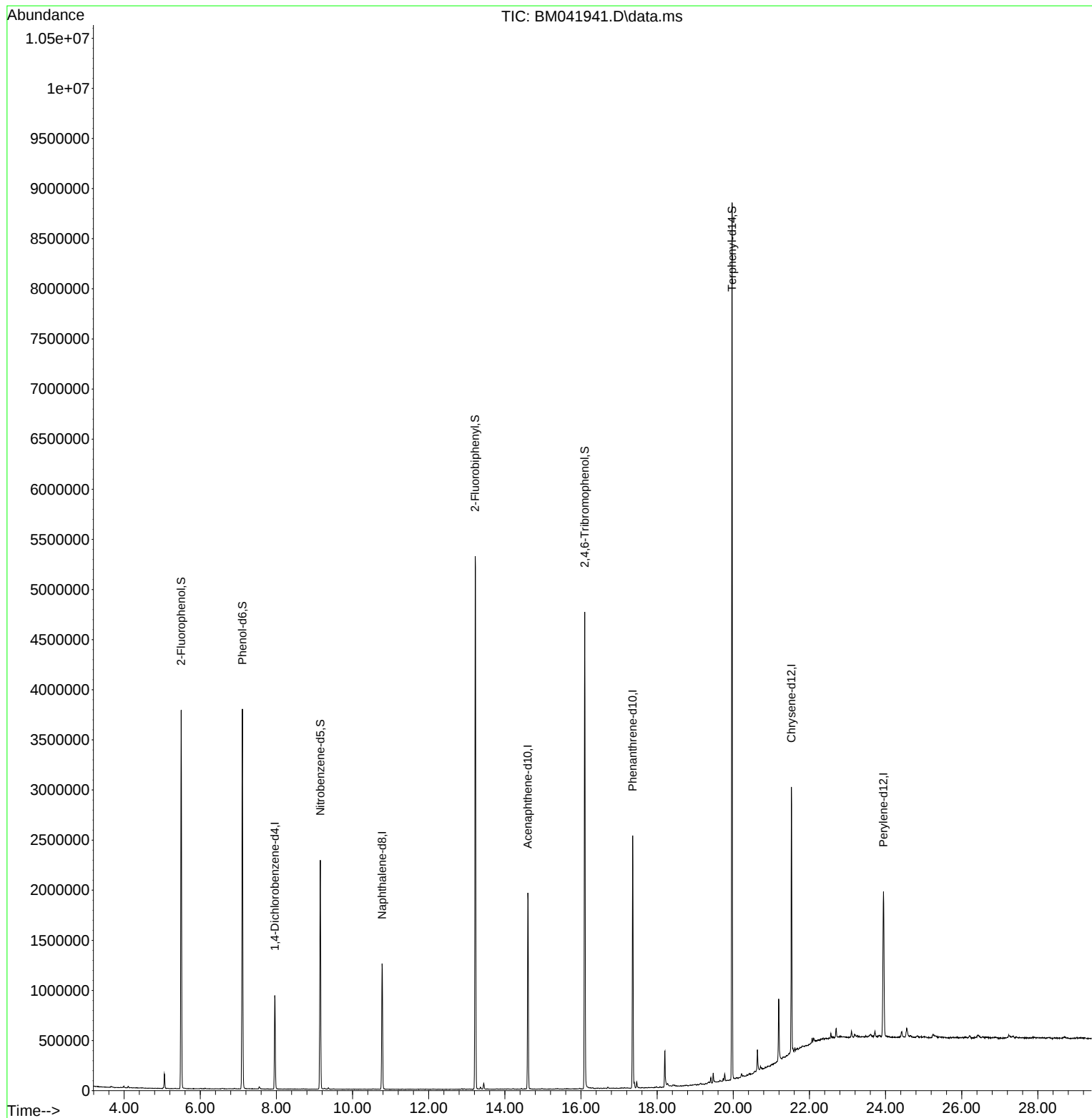
Target Compounds	Qvalue

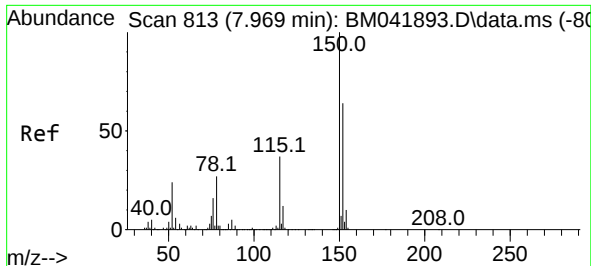
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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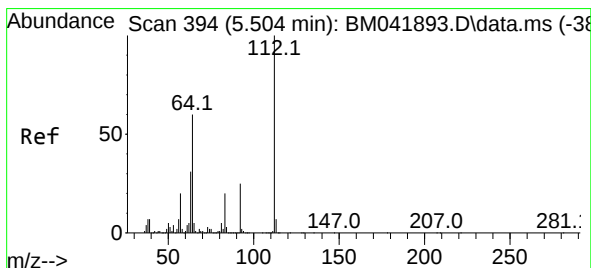
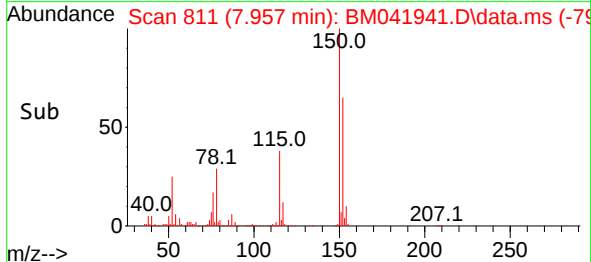
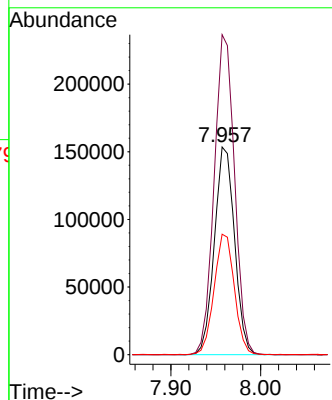
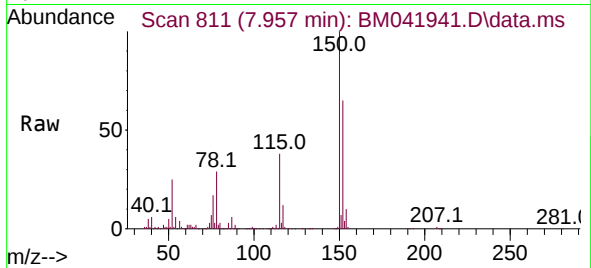




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

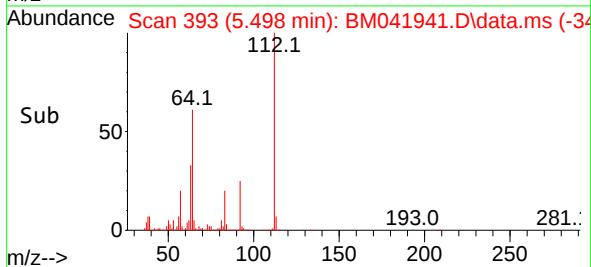
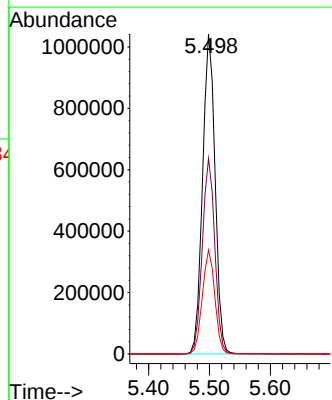
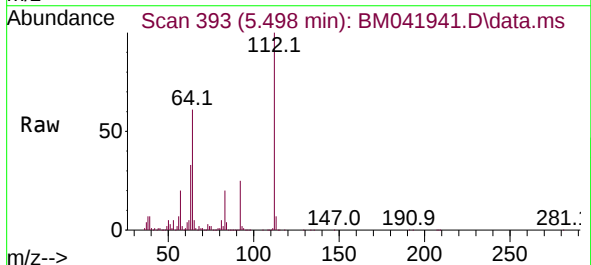
Instrument :
BNA_M
ClientSampleId :
CPT102-23

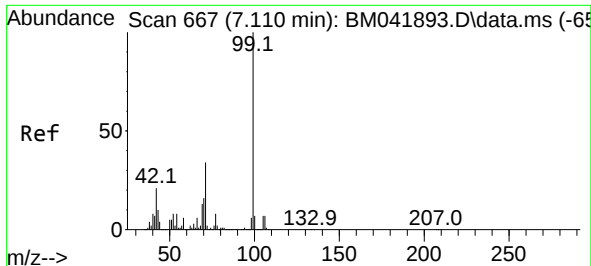
Tgt Ion:152 Resp: 239694
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 58.1 46.8 70.2



#5
2-Fluorophenol
Concen: 103.141 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

Tgt Ion:112 Resp: 1484283
Ion Ratio Lower Upper
112 100
64 61.1 48.1 72.1
63 32.5 25.0 37.6



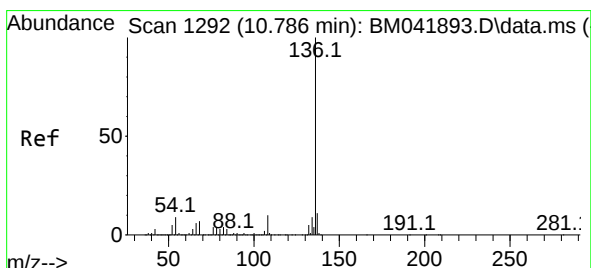
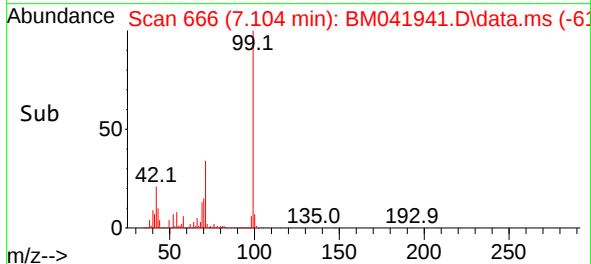
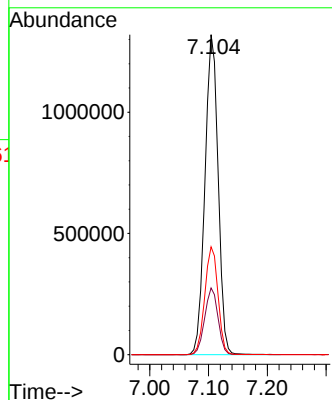
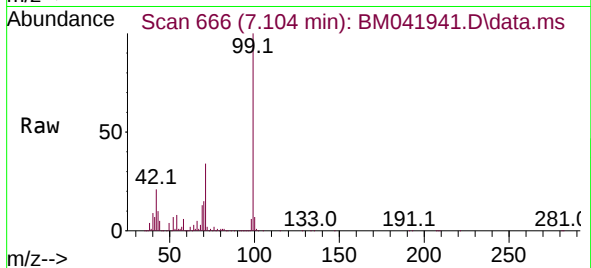


#7
Phenol-d6
Concen: 102.572 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

Instrument :
BNA_M
ClientSampleId :
CPT102-23

Tgt Ion: 99 Resp: 2049512

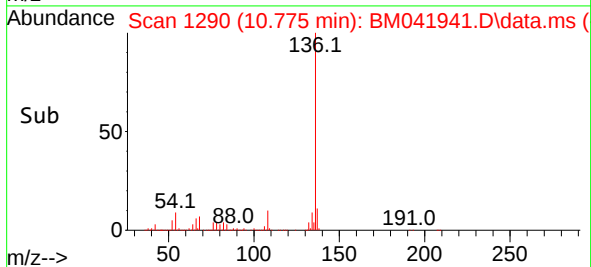
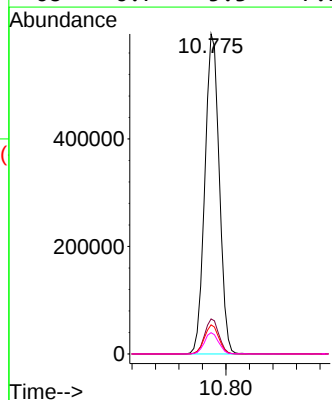
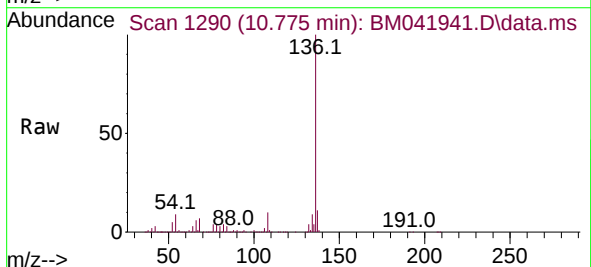
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	33.7	26.8	40.2

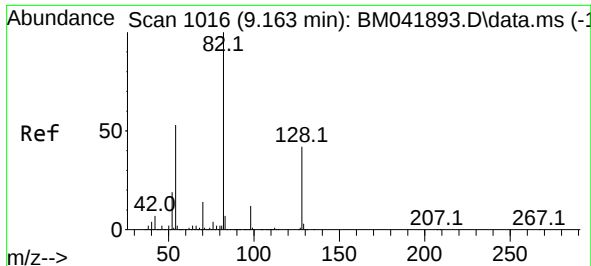


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

Tgt Ion: 136 Resp: 1009491

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	7.0	10.4
68	6.7	5.3	7.9

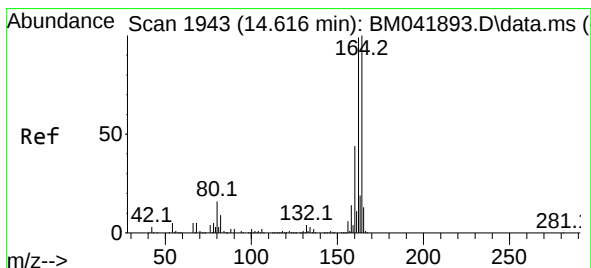
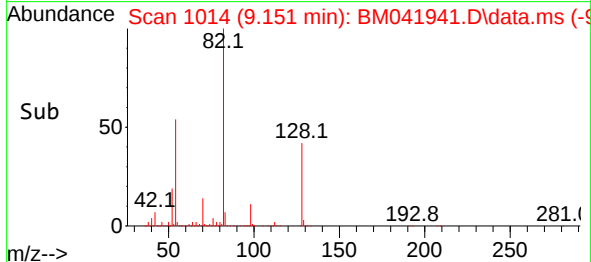
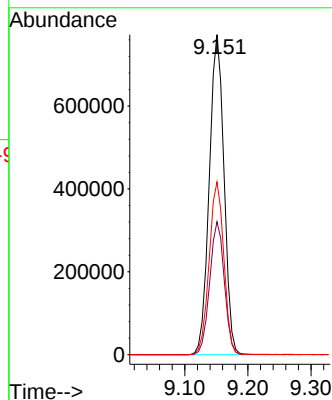
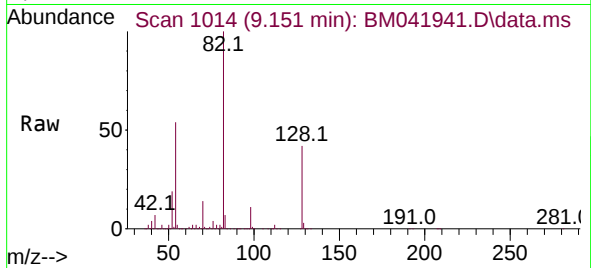




#23
Nitrobenzene-d5
Concen: 63.203 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

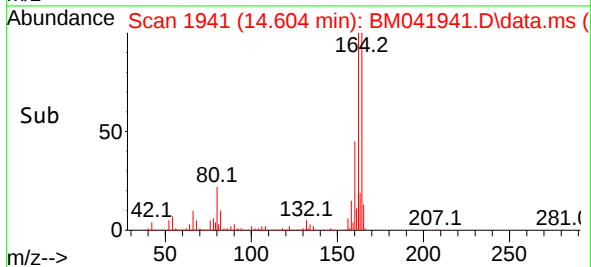
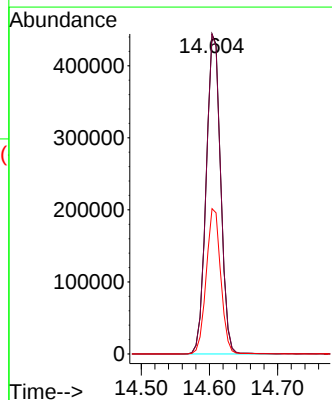
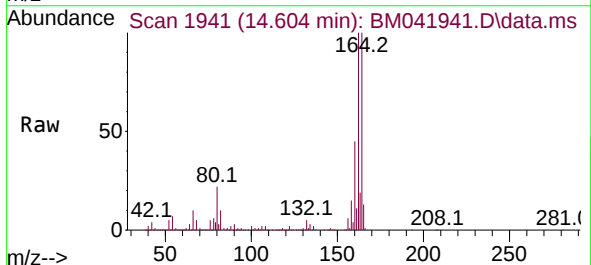
Instrument :
BNA_M
ClientSampleId :
CPT102-23

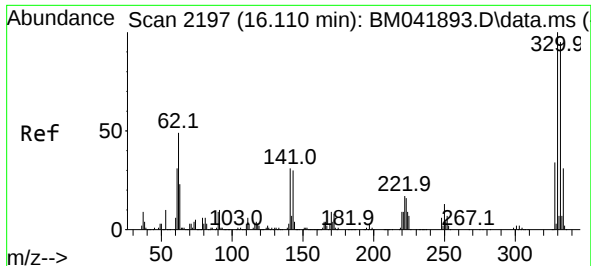
Tgt Ion: 82 Resp: 1253116
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.6
54 54.0 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

Tgt Ion:164 Resp: 653549
Ion Ratio Lower Upper
164 100
162 99.9 79.3 118.9
160 45.4 35.6 53.4

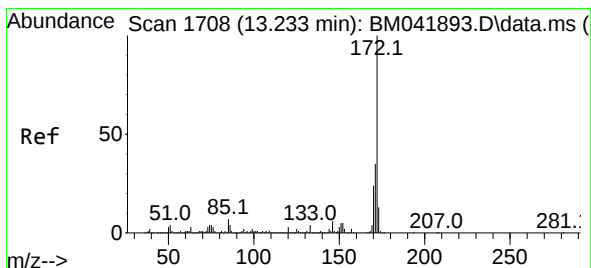
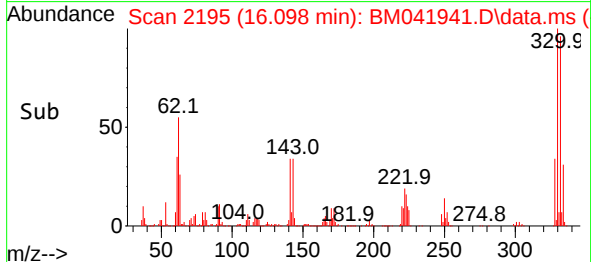
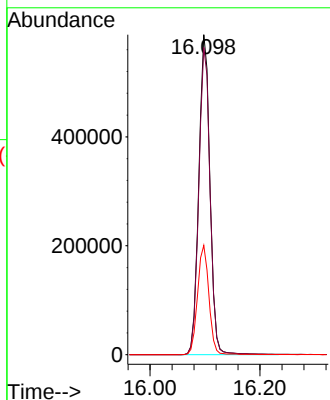
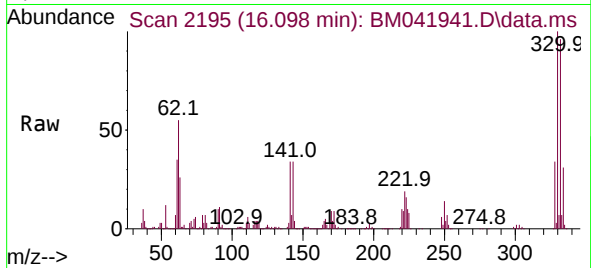




#42
2,4,6-Tribromophenol
Concen: 101.694 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

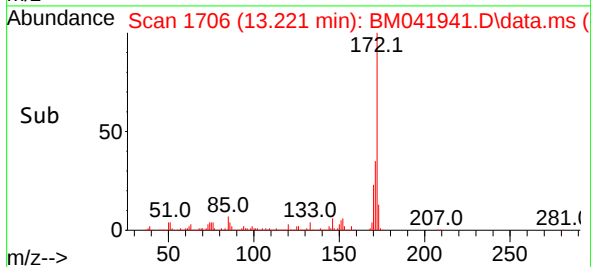
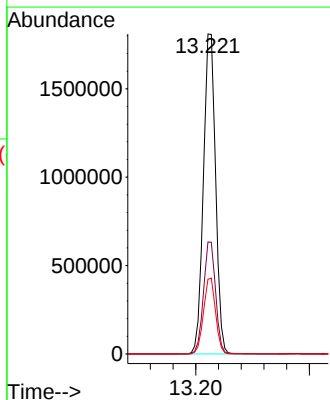
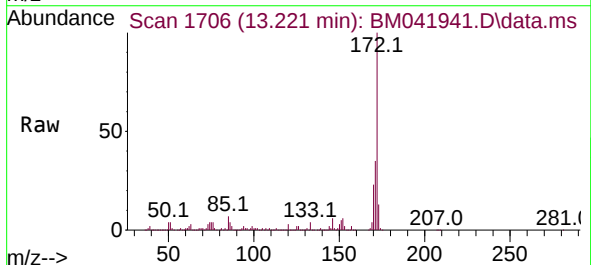
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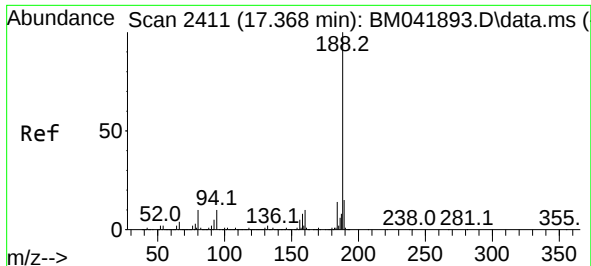
Tgt Ion:330 Resp: 829246
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 34.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 60.288 ng
RT: 13.221 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

Tgt Ion:172 Resp: 2684410
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 19.1 28.7

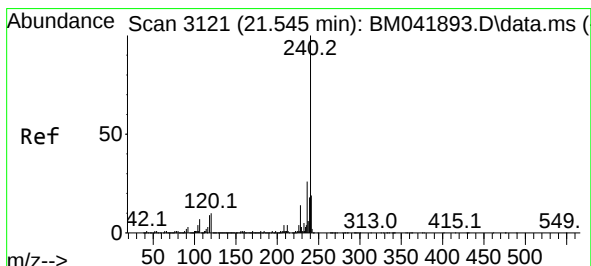
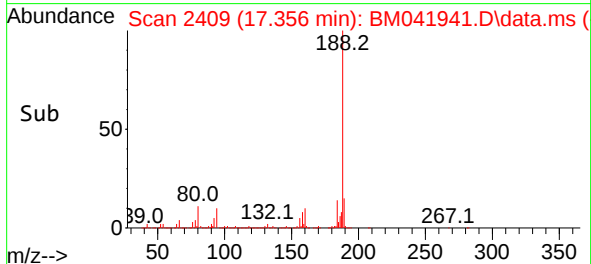
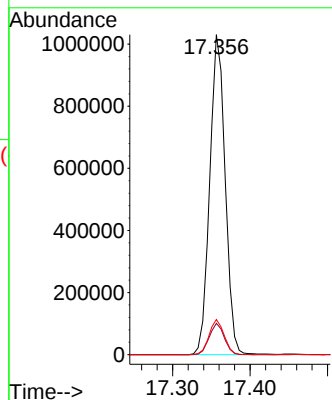
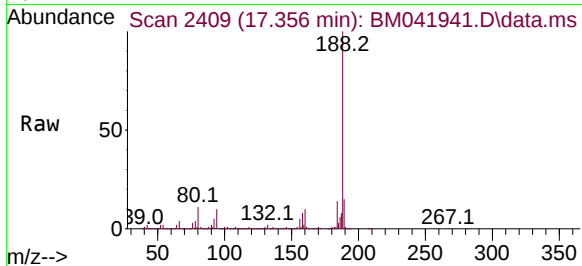




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

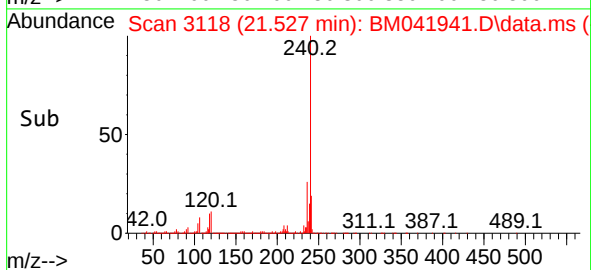
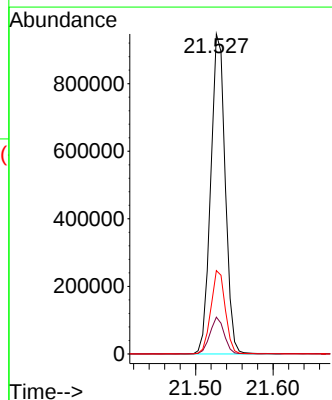
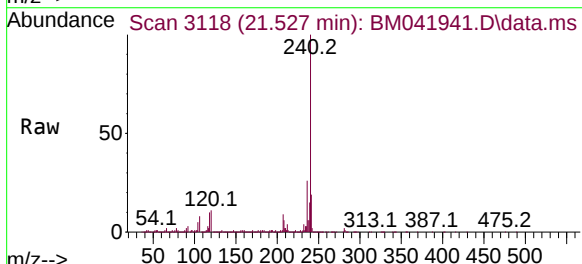
Instrument :
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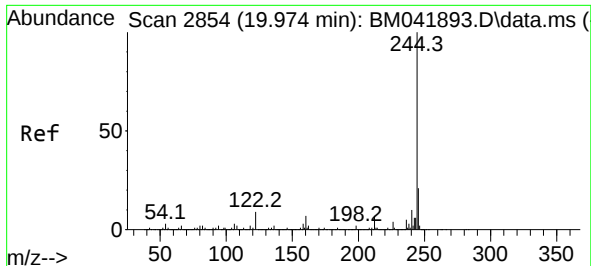
Tgt Ion:188 Resp: 1424663
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 11.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.018 min
Lab File: BM041941.D
Acq: 20 Sep 2023 16:48

Tgt Ion:240 Resp: 1228006
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.1 20.7 31.1

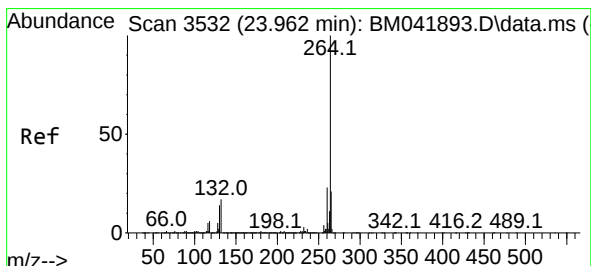
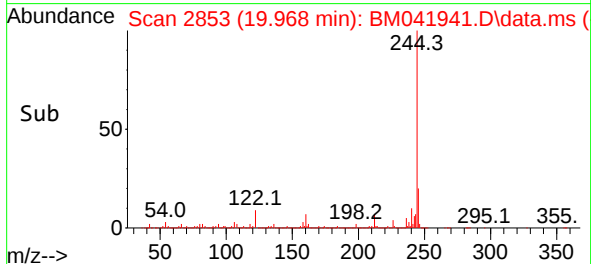
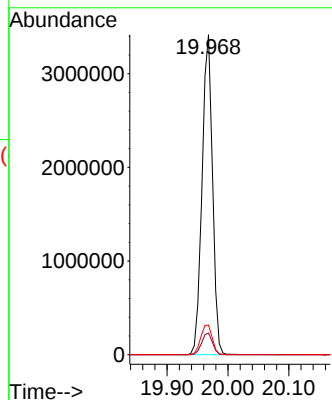
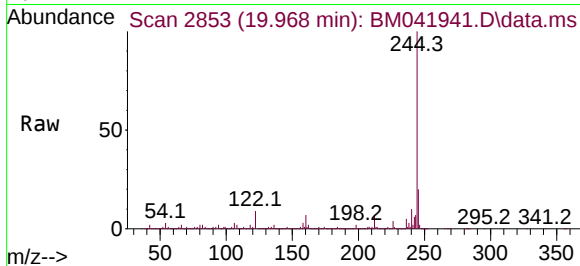




#79
 Terphenyl-d14
 Concen: 60.487 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041941.D
 Acq: 20 Sep 2023 16:48

Instrument :
 BNA_M
 ClientSampleId :
 CPT102-23

Tgt Ion:244 Resp: 4078365
 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: BM041941.D
 Acq: 20 Sep 2023 16:48

Tgt Ion:264 Resp: 1125460
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.3 17.0 25.6

