

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041943.D
 Acq On : 20 Sep 2023 18:02
 Operator : MA/JU
 Sample : 04436-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPT102-15

Quant Time: Sep 21 03:16:04 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	270522	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1109960	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	710398	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1524222	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1244619	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1121304	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1786933	110.021	ng	0.00
7) Phenol-d6	7.104	99	2437624	108.094	ng	0.00
23) Nitrobenzene-d5	9.151	82	1493742	68.520	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	949959	107.175	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	3286484	67.903	ng	0.00
79) Terphenyl-d14	19.968	244	4751541	69.531	ng	0.00

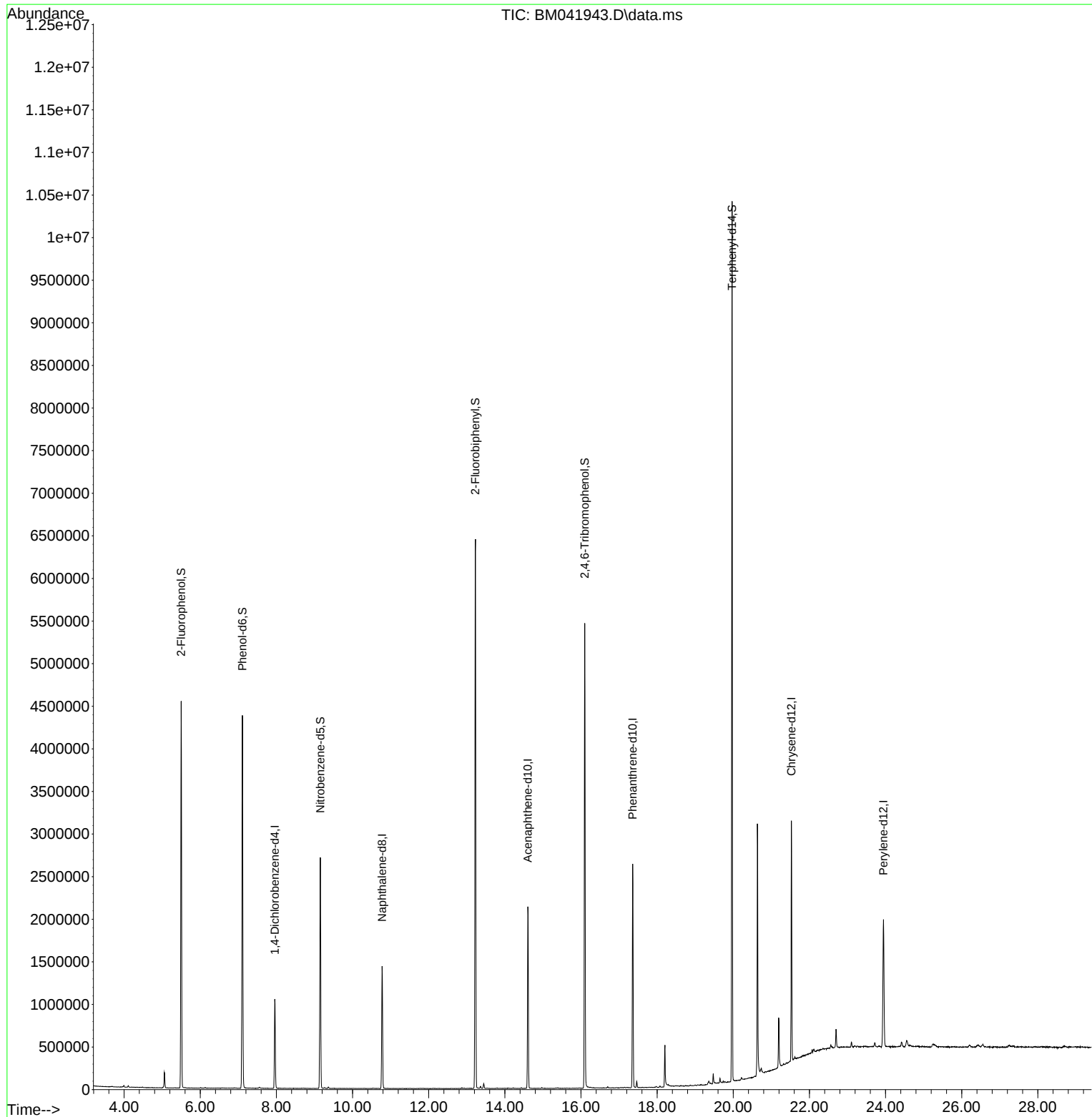
Target Compounds	Qvalue

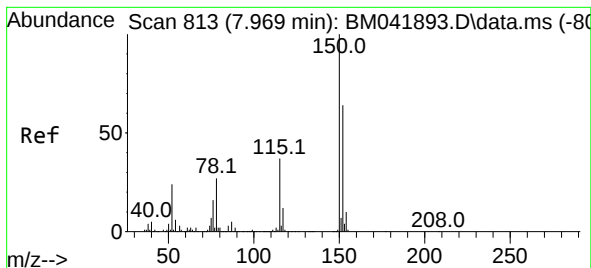
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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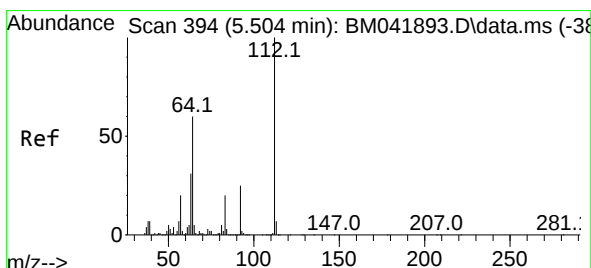
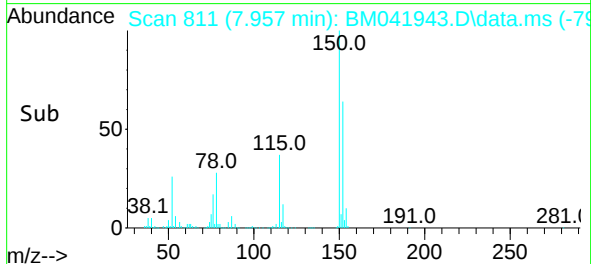
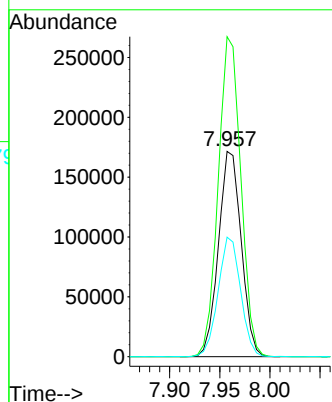
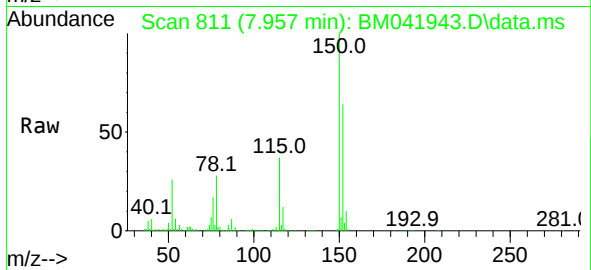




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

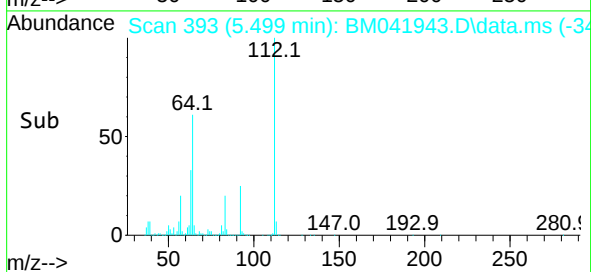
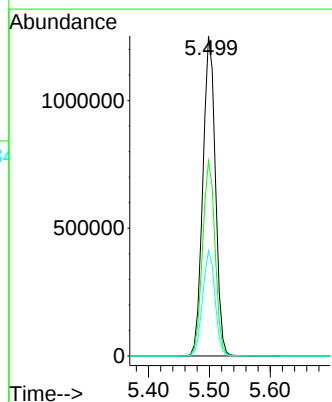
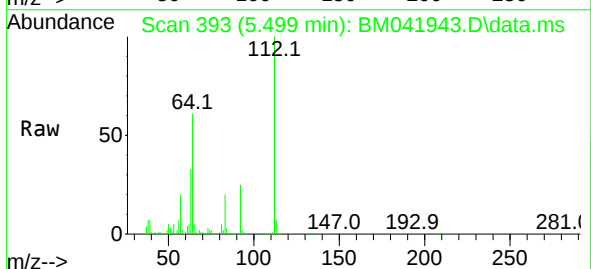
Instrument :
BNA_M
ClientSampleId :
CPT102-15

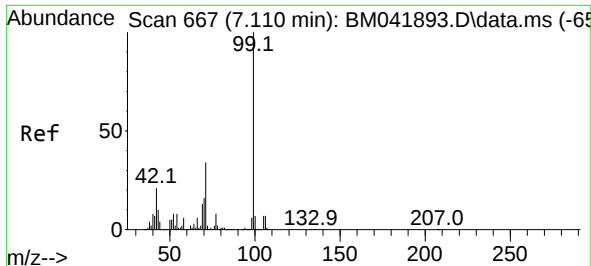
Tgt Ion:152 Resp: 270522
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 58.2 46.8 70.2



#5
2-Fluorophenol
Concen: 110.021 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

Tgt Ion:112 Resp: 1786933
Ion Ratio Lower Upper
112 100
64 61.0 48.1 72.1
63 32.9 25.0 37.6

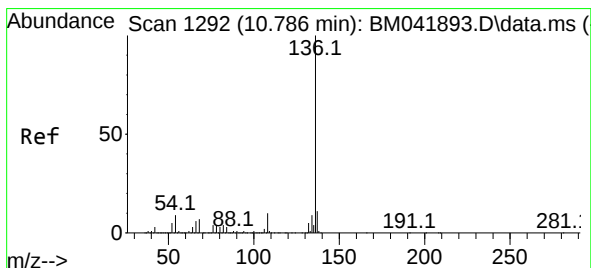
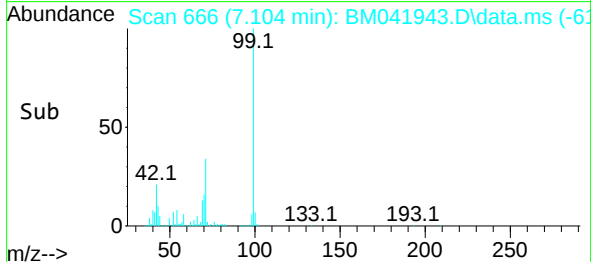
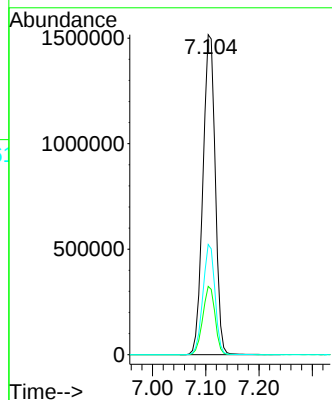
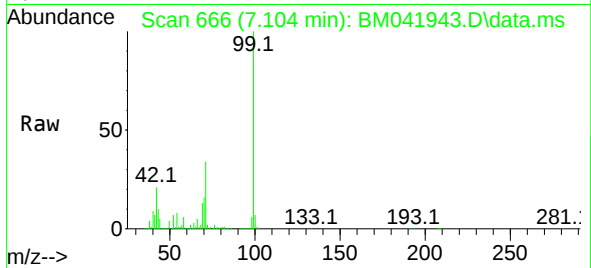




#7
Phenol-d6
Concen: 108.094 ng
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

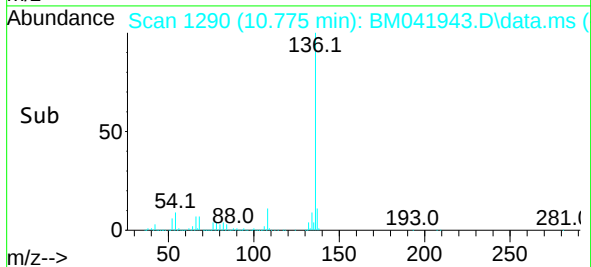
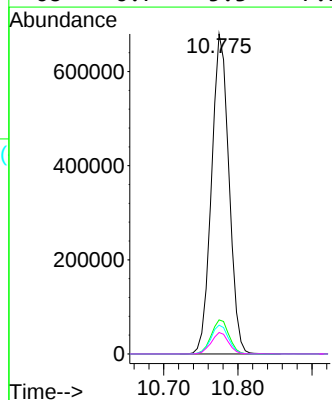
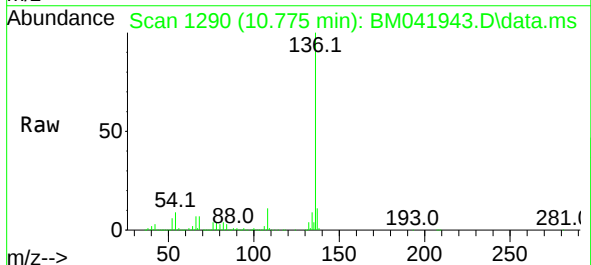
Instrument :
BNA_M
ClientSampleId :
CPT102-15

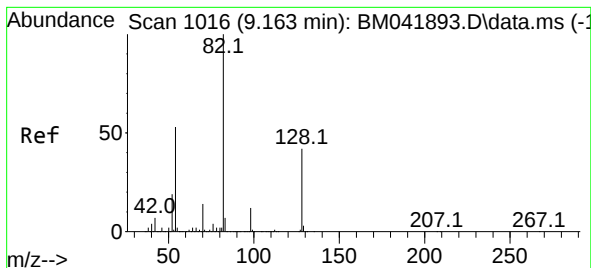
Tgt Ion: 99 Resp: 2437624
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 34.4 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

Tgt Ion: 136 Resp: 1109960
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.0 10.4
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 68.520 ng

RT: 9.151 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM041943.D

Acq: 20 Sep 2023 18:02

Instrument :

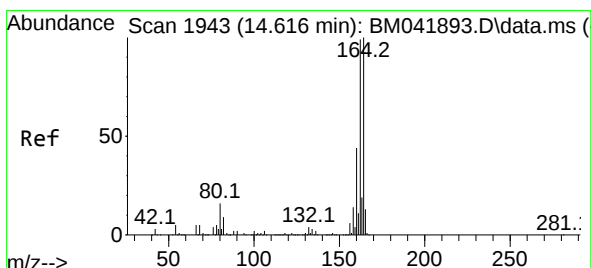
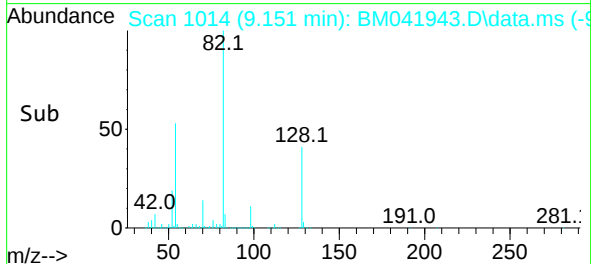
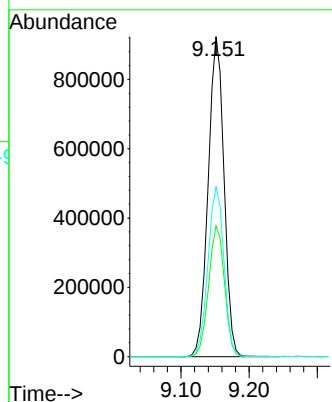
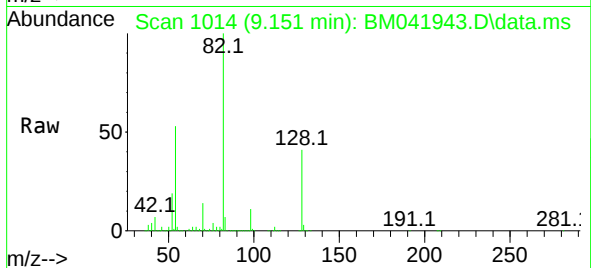
BNA_M

ClientSampleId :

CPT102-15

Tgt Ion: 82 Resp: 1493742

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.8	50.6
54	53.0	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

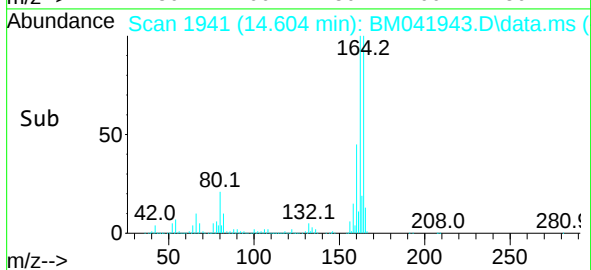
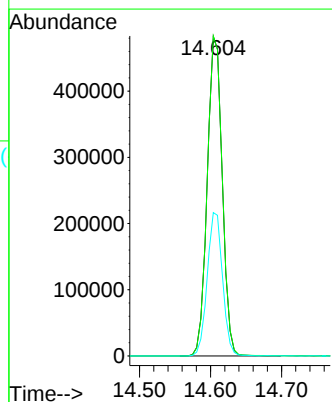
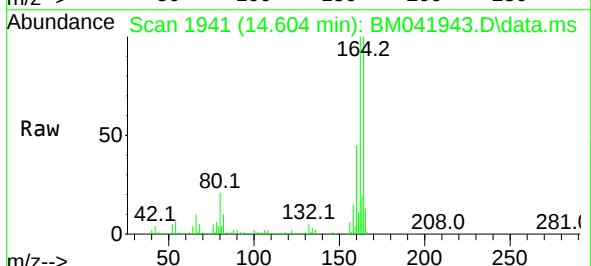
Delta R.T. -0.012 min

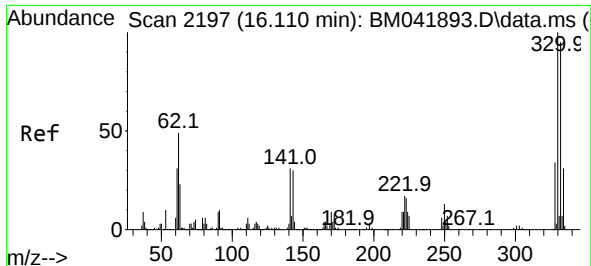
Lab File: BM041943.D

Acq: 20 Sep 2023 18:02

Tgt Ion: 164 Resp: 710398

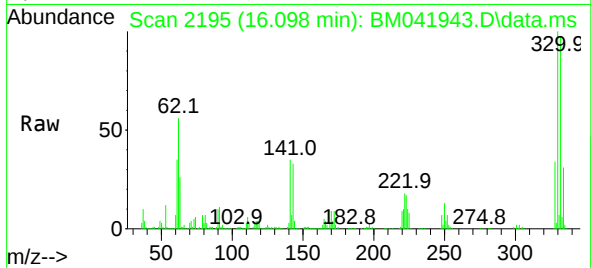
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.3	118.9
160	44.9	35.6	53.4



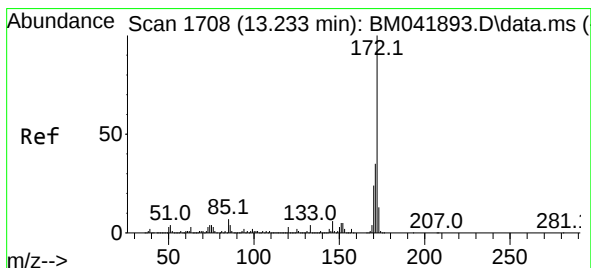
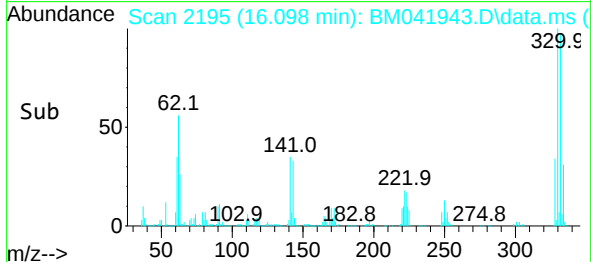
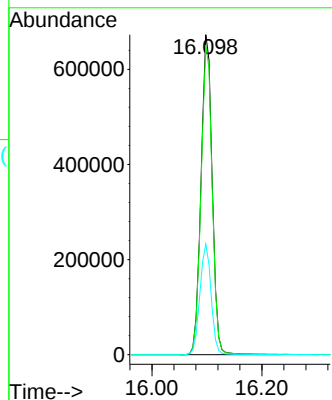


#42
2,4,6-Tribromophenol
Concen: 107.175 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

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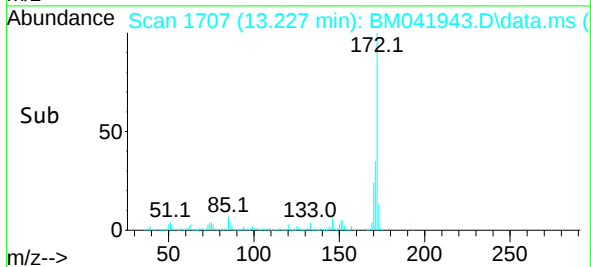
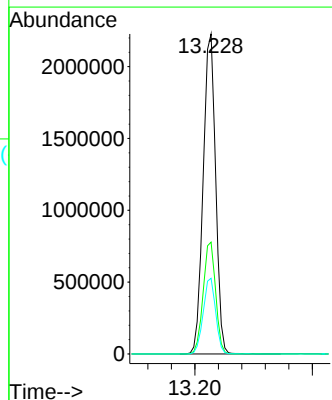
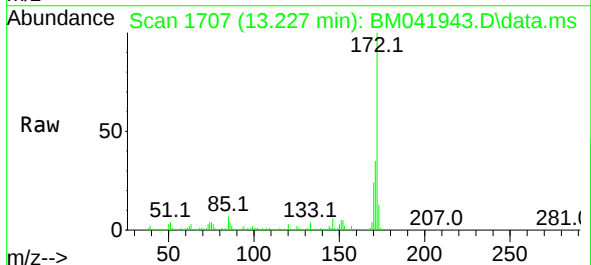


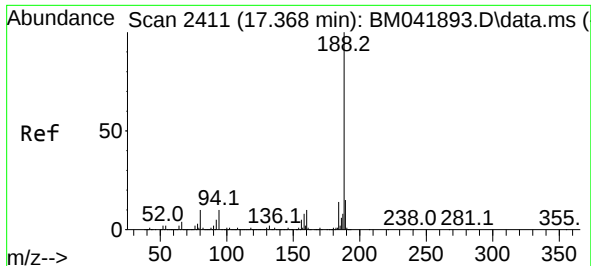
Tgt Ion:330 Resp: 949959
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 34.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 67.903 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

Tgt Ion:172 Resp: 3286484
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.6 19.1 28.7

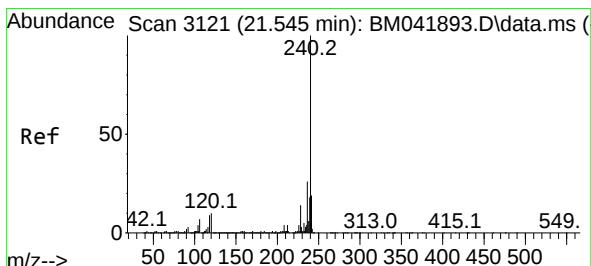
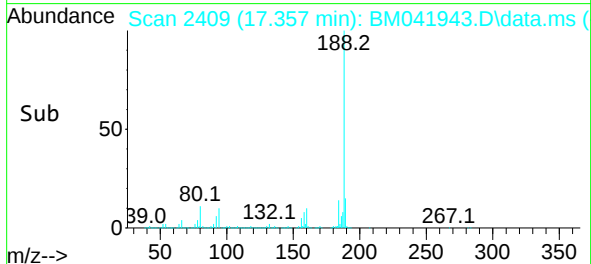
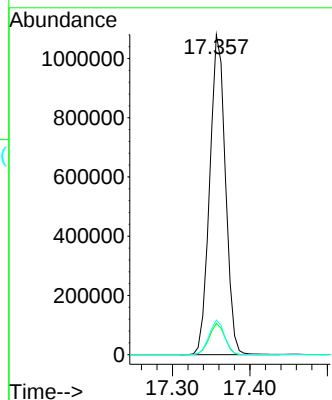
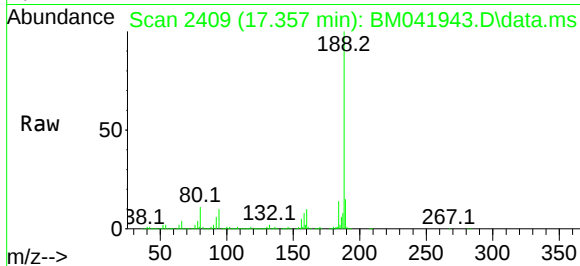




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

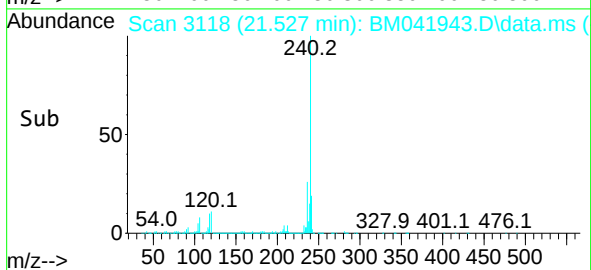
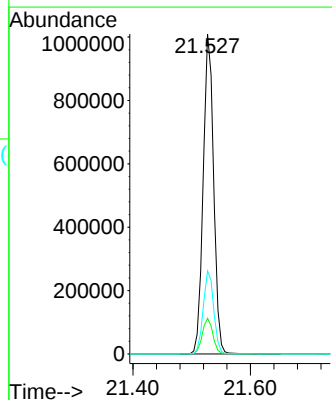
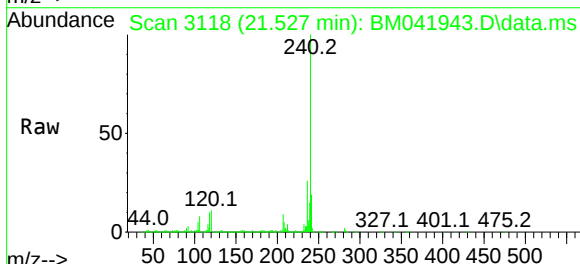
Instrument :
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ClientSampleId :
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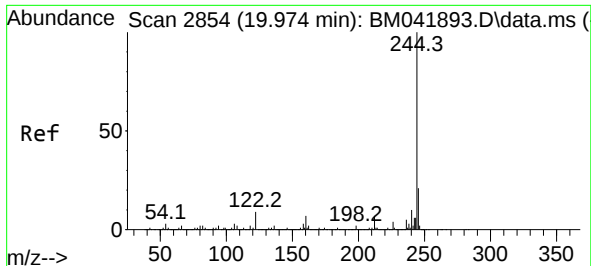
Tgt Ion:188 Resp: 1524222
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.018 min
Lab File: BM041943.D
Acq: 20 Sep 2023 18:02

Tgt Ion:240 Resp: 1244619
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 25.9 20.7 31.1

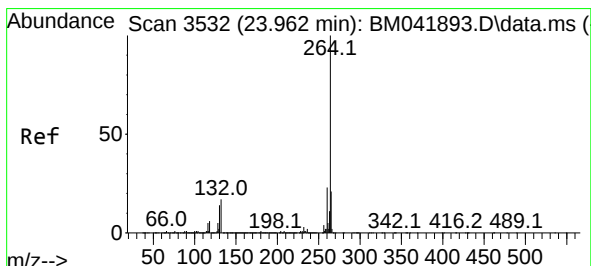
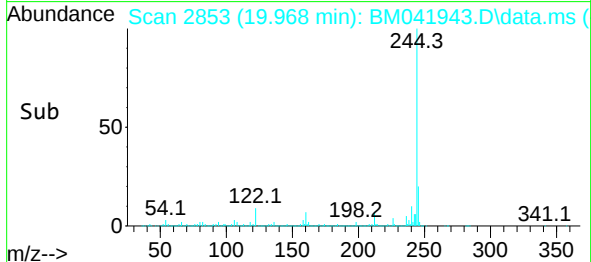
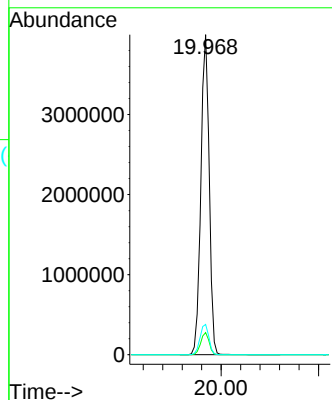
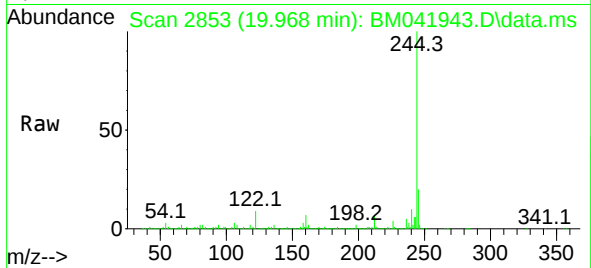




#79
 Terphenyl-d14
 Concen: 69.531 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041943.D
 Acq: 20 Sep 2023 18:02

Instrument :
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 CPT102-15

Tgt Ion:244 Resp: 4751541
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.5 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: BM041943.D
 Acq: 20 Sep 2023 18:02

Tgt Ion:264 Resp: 1121304
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.3 17.0 25.6

