

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041167.D
 Acq On : 28 Jul 2023 15:54
 Operator : MA/JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154028BL

Quant Time: Jul 29 01:16:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	217995	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	810080	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	438000	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	865156	20.000	ng	0.00
76) Chrysene-d12	21.433	240	682323	20.000	ng	0.00
86) Perylene-d12	23.803	264	744042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2029809	139.165	ng	0.00
7) Phenol-d6	6.987	99	2518520	133.209	ng	0.00
23) Nitrobenzene-d5	8.981	82	1551162	89.048	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	820526	132.444	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3169880	91.423	ng	0.00
79) Terphenyl-d14	19.868	244	4190097	111.031	ng	0.00

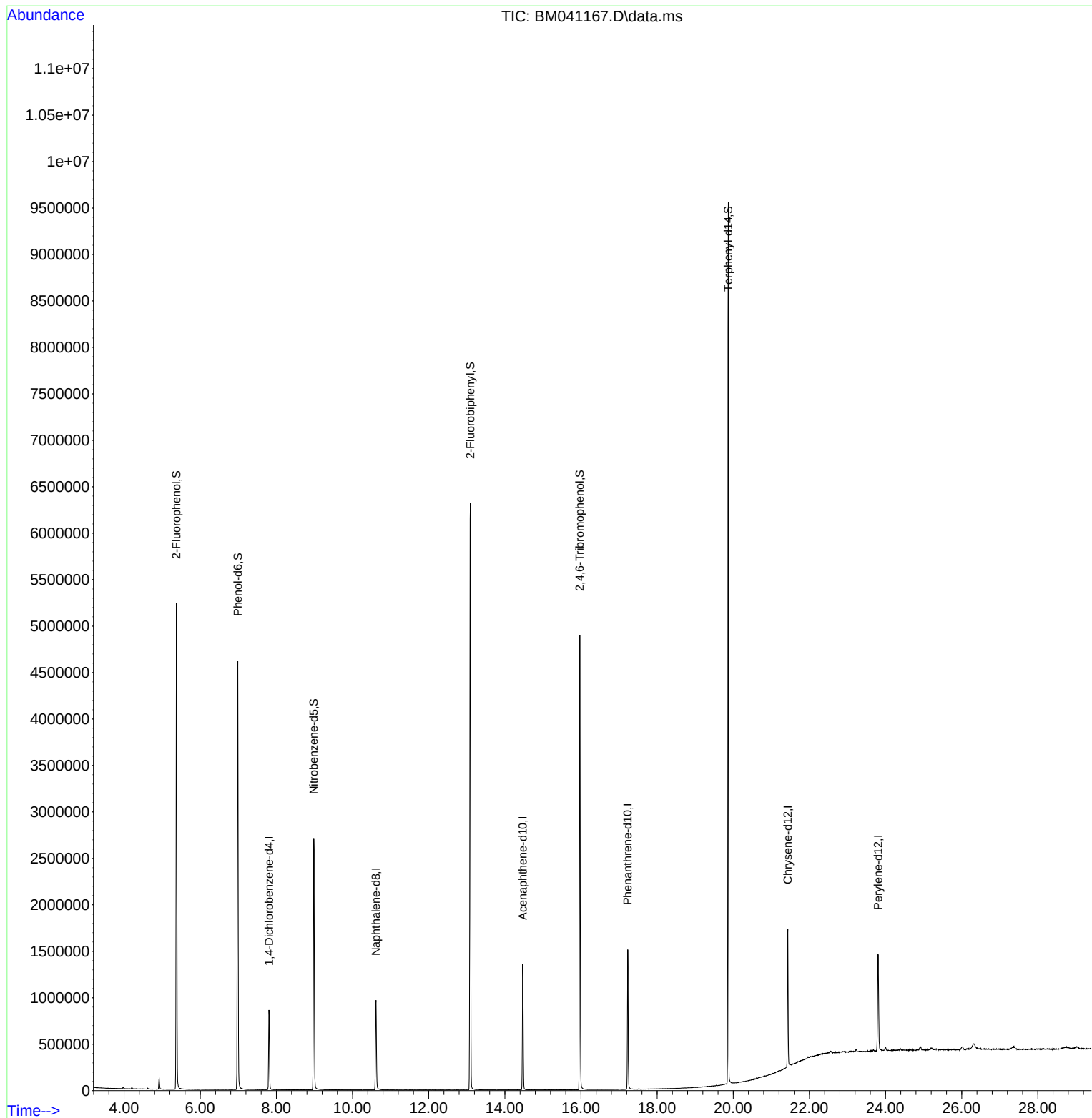
Target Compounds	Qvalue

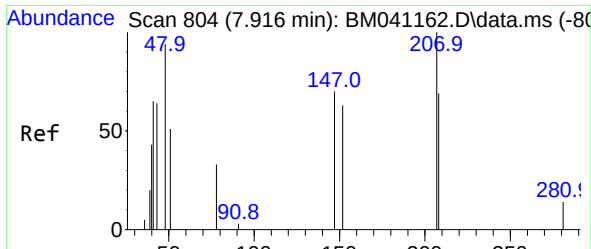
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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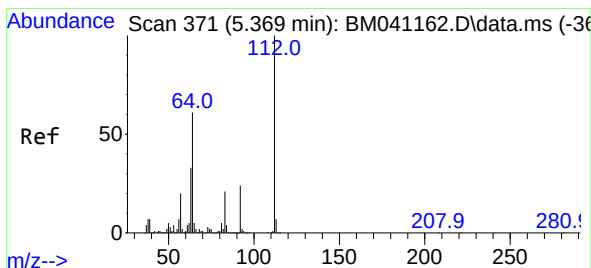
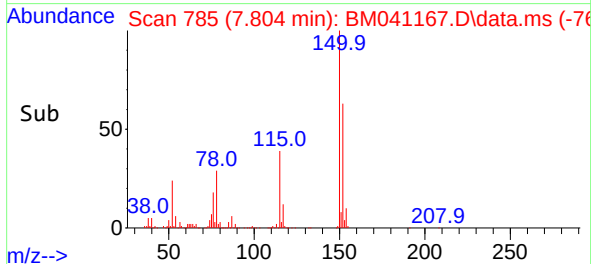
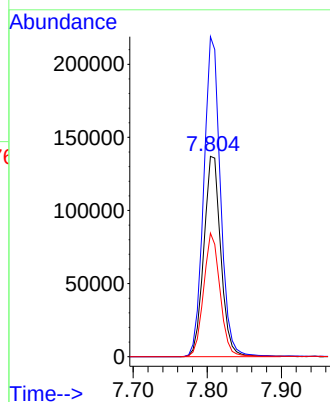
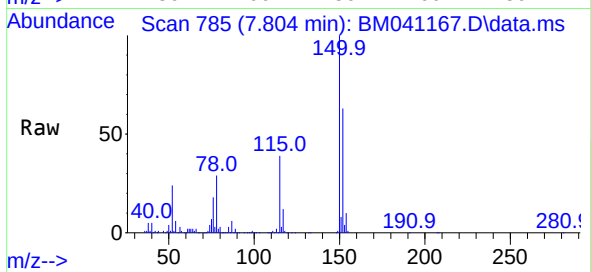




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

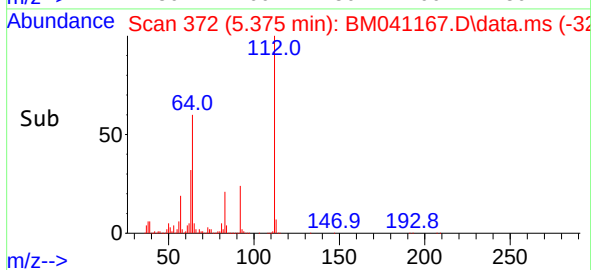
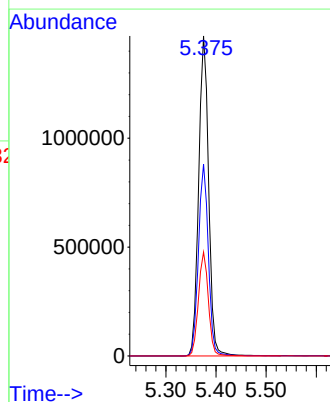
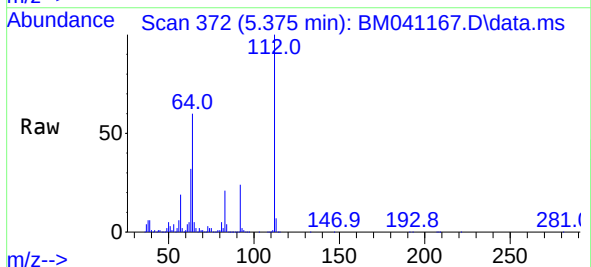
Instrument :
BNA_M
ClientSampleId :
PB154028BL

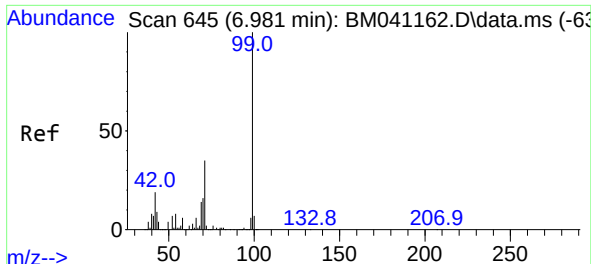
Tgt Ion:152 Resp: 217995
Ion Ratio Lower Upper
152 100
150 159.7 125.5 188.3
115 61.6 48.0 72.0



#5
2-Fluorophenol
Concen: 139.165 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.006 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

Tgt Ion:112 Resp: 2029809
Ion Ratio Lower Upper
112 100
64 59.9 48.5 72.7
63 32.4 26.5 39.7

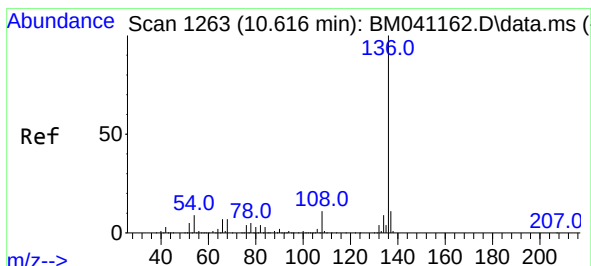
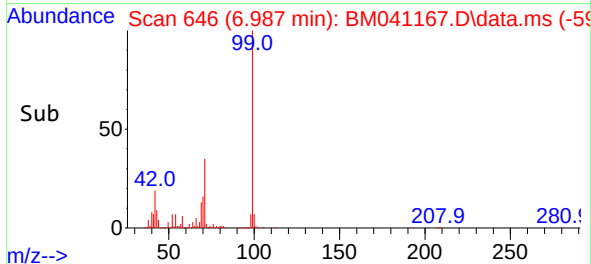
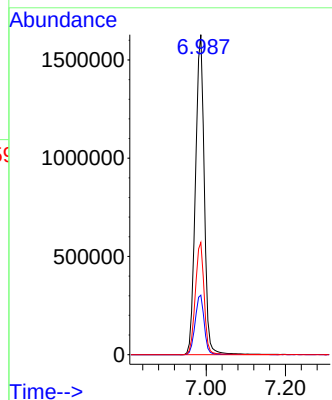
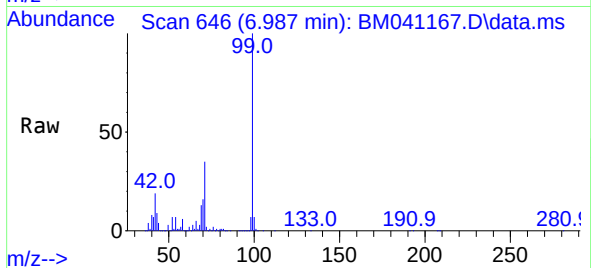




#7
Phenol-d6
Concen: 133.209 ng
RT: 6.987 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

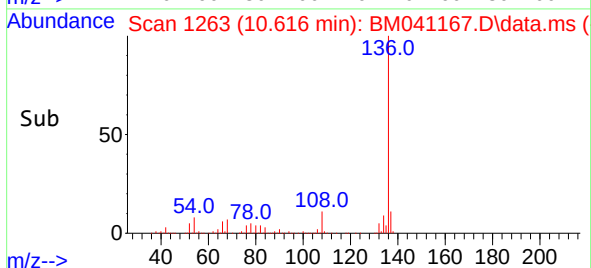
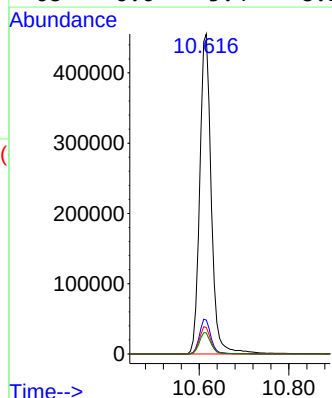
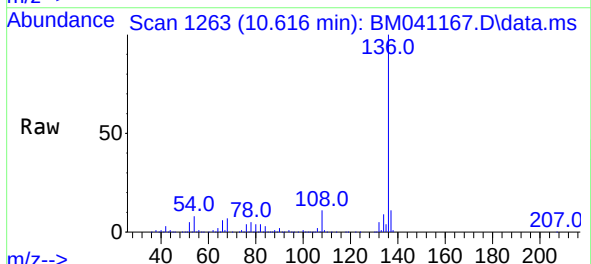
Instrument :
BNA_M
ClientSampleId :
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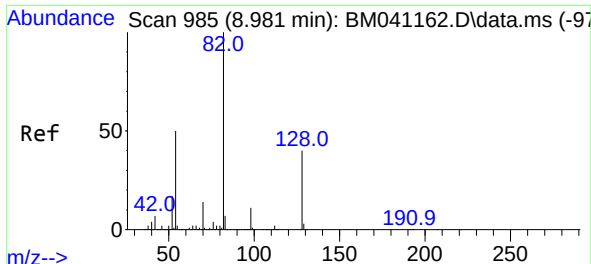
Tgt Ion: 99 Resp: 2518520
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 35.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

Tgt Ion: 136 Resp: 810080
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.3 6.9 10.3
68 6.6 5.4 8.2

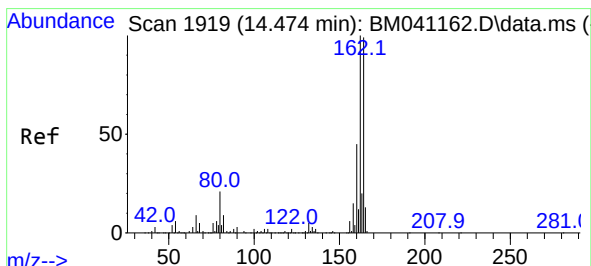
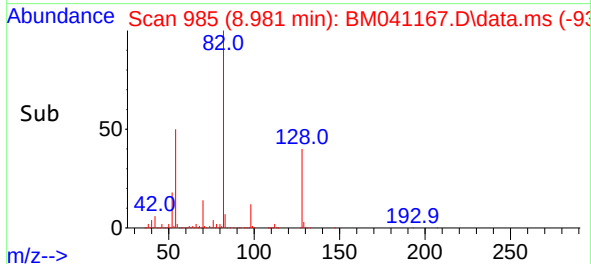
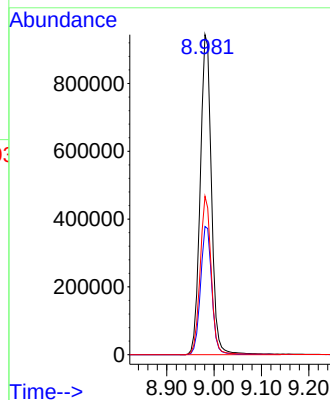
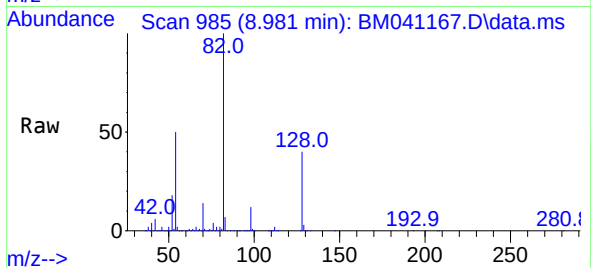




#23
Nitrobenzene-d5
Concen: 89.048 ng
RT: 8.981 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

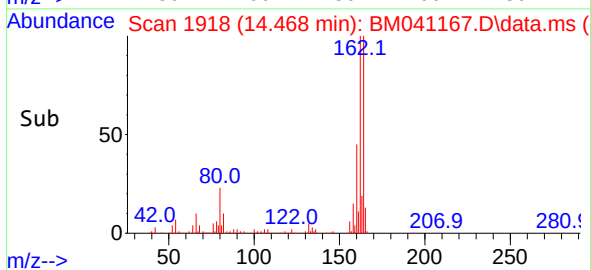
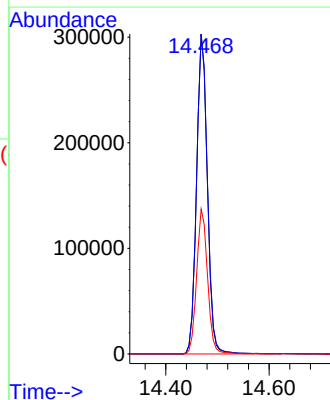
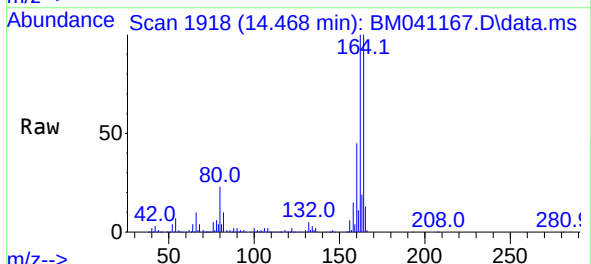
Instrument :
BNA_M
ClientSampleId :
PB154028BL

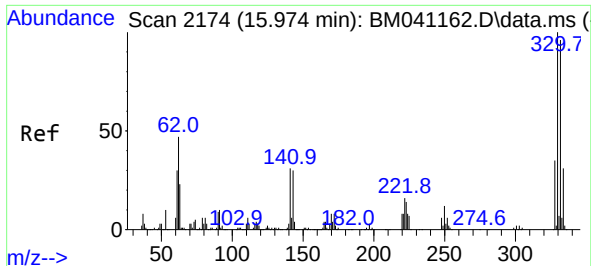
Tgt Ion: 82 Resp: 1551162
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 49.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

Tgt Ion: 164 Resp: 438000
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 45.4 36.2 54.2

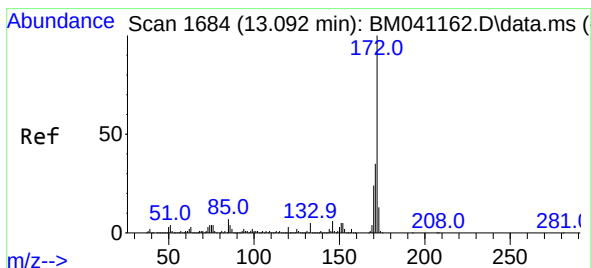
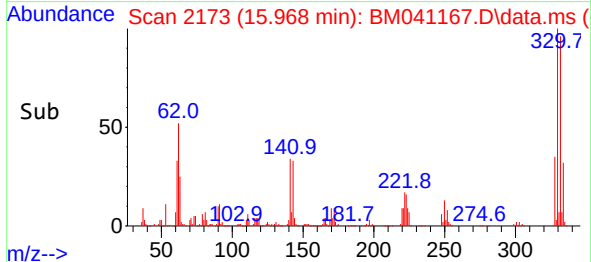
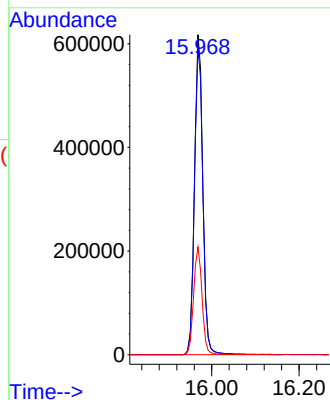
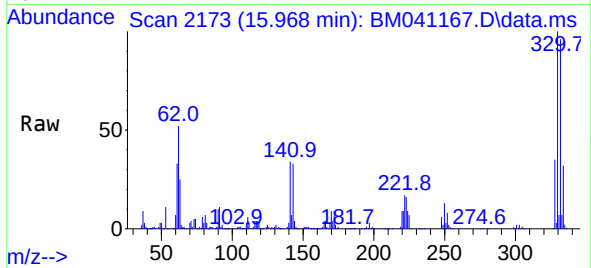




#42
2,4,6-Tribromophenol
Concen: 132.444 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

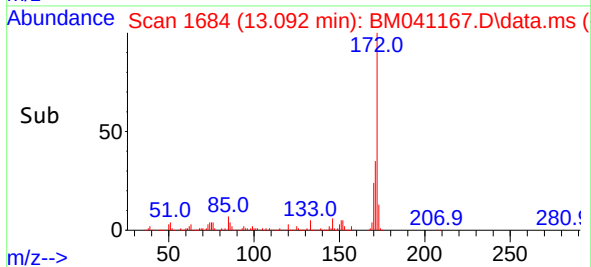
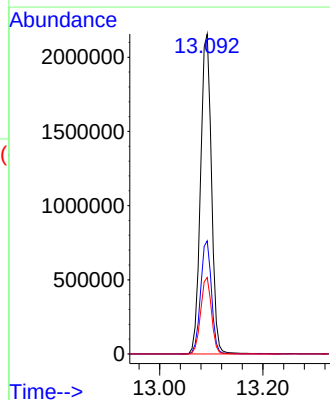
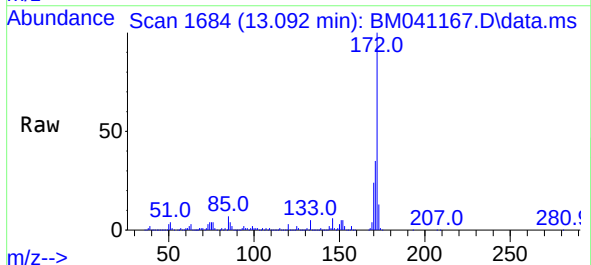
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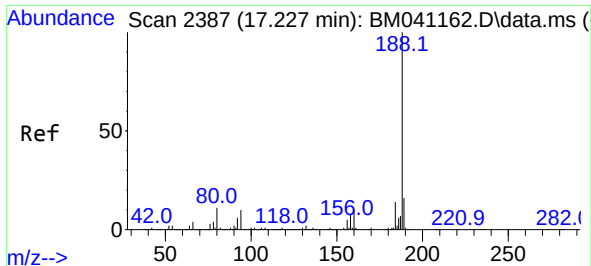
Tgt Ion:330 Resp: 820526
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 34.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 91.423 ng
RT: 13.092 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

Tgt Ion:172 Resp: 3169880
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.9 18.9 28.3

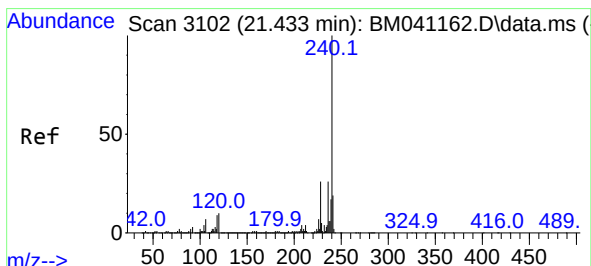
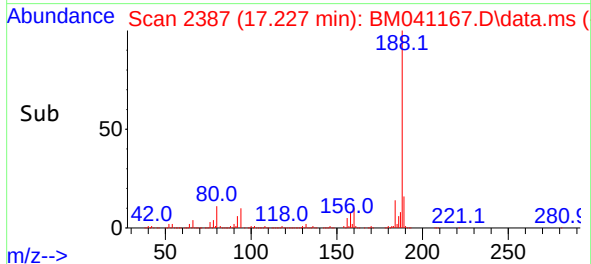
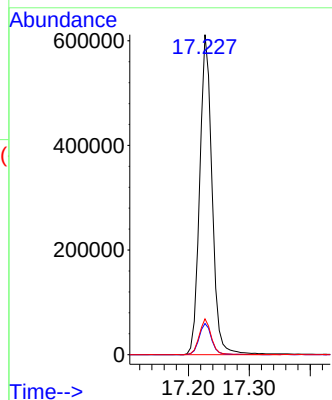
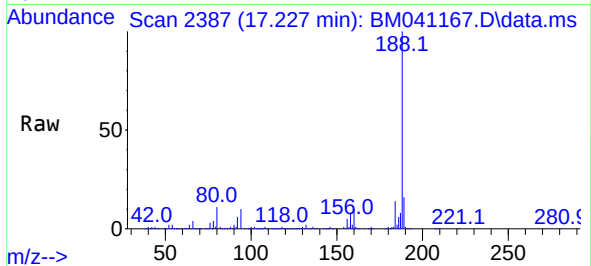




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

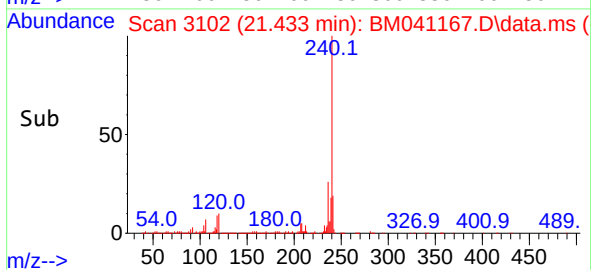
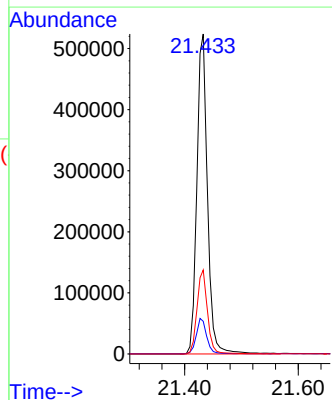
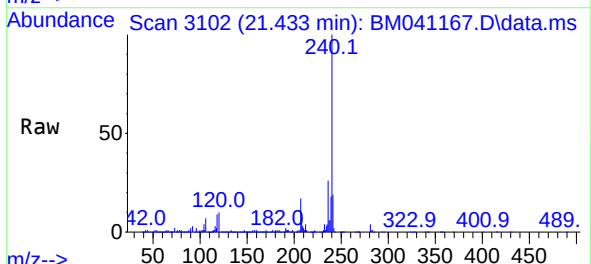
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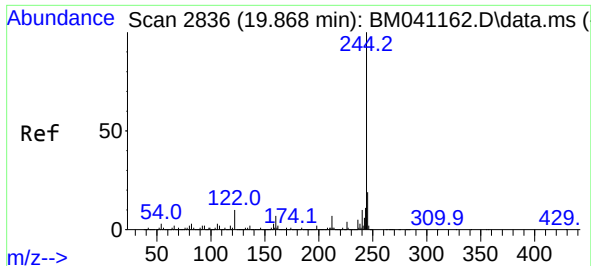
Tgt Ion:188 Resp: 865156
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 11.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM041167.D
Acq: 28 Jul 2023 15:54

Tgt Ion:240 Resp: 682323
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.2 20.6 30.8

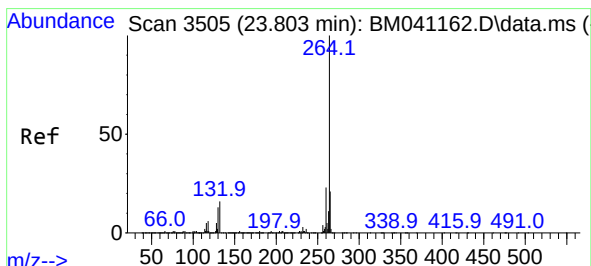
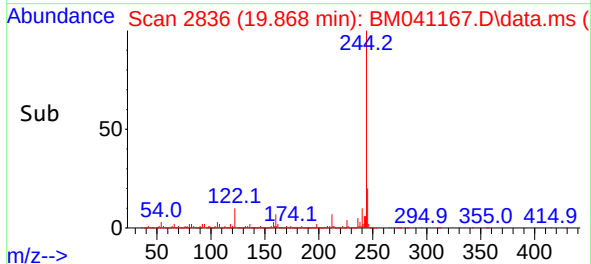
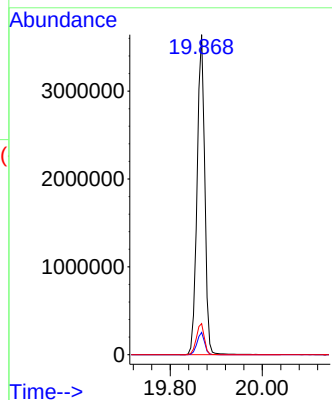
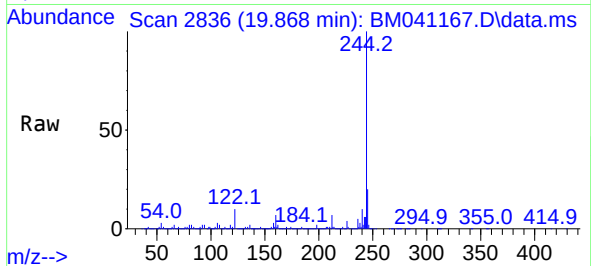




#79
 Terphenyl-d14
 Concen: 111.031 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041167.D
 Acq: 28 Jul 2023 15:54

Instrument :
 BNA_M
 ClientSampleId :
 PB154028BL

Tgt Ion:244 Resp: 4190097
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM041167.D
 Acq: 28 Jul 2023 15:54

Tgt Ion:264 Resp: 744042
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.2 17.4 26.0

