

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
 Data File : BM039948.D
 Acq On : 18 May 2023 13:01
 Operator : CG/JU
 Sample : PB152844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152844BL

Quant Time: May 19 05:18:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:26:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	309507	20.000	ng	0.00
21) Naphthalene-d8	10.842	136	1375190	20.000	ng	0.00
39) Acenaphthene-d10	14.660	164	831077	20.000	ng	0.00
64) Phenanthrene-d10	17.401	188	1905034	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1677611	20.000	ng	0.00
86) Perylene-d12	24.036	264	1973407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	3669232	192.658	ng	0.00
7) Phenol-d6	7.178	99	4809293	189.514	ng	0.00
23) Nitrobenzene-d5	9.195	82	2571856	109.531	ng	0.00
42) 2,4,6-Tribromophenol	16.148	330	2366806	146.968	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	7075468	108.903	ng	0.00
79) Terphenyl-d14	20.018	244	12460745	134.430	ng	0.00

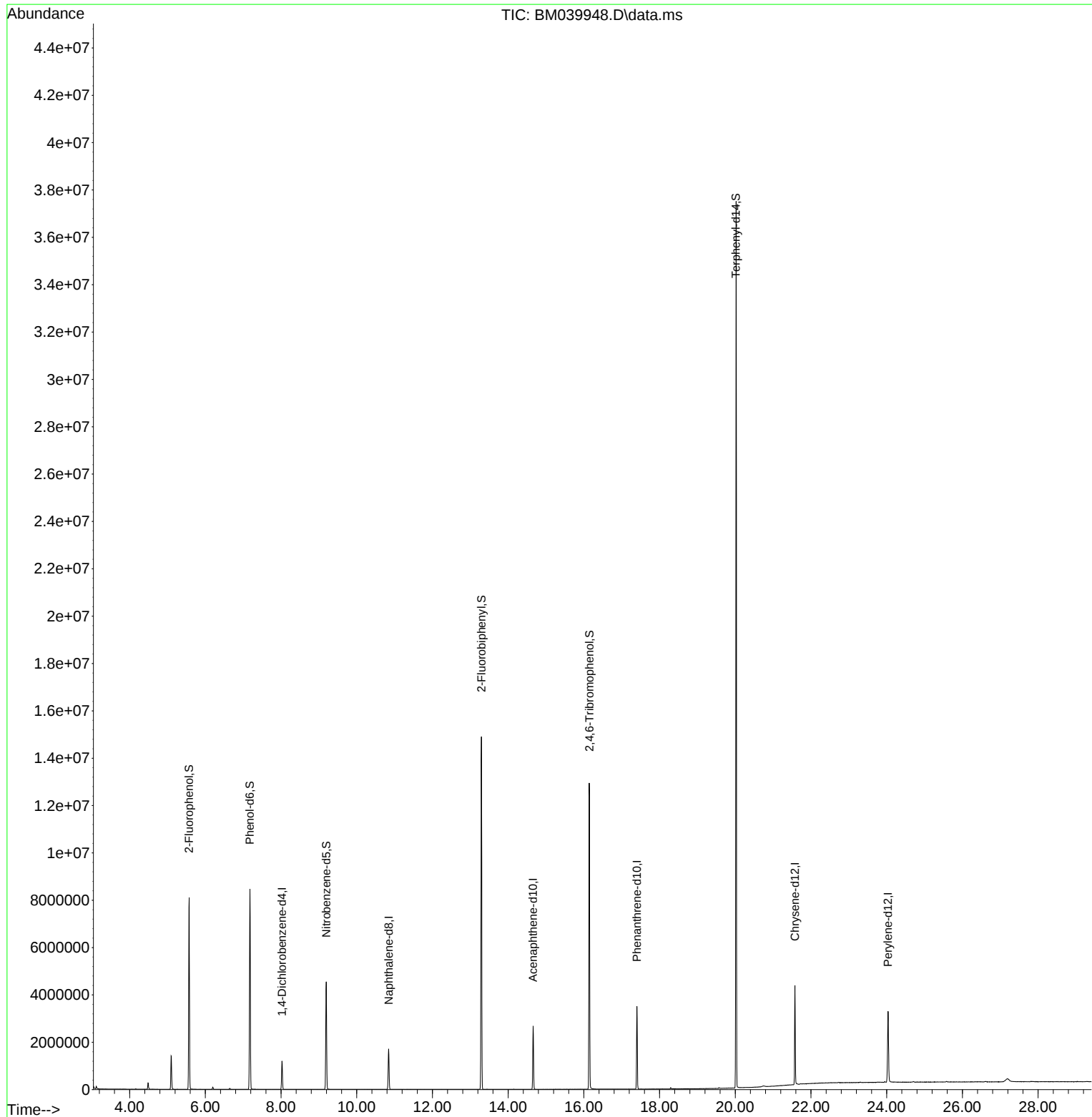
Target Compounds	Qvalue

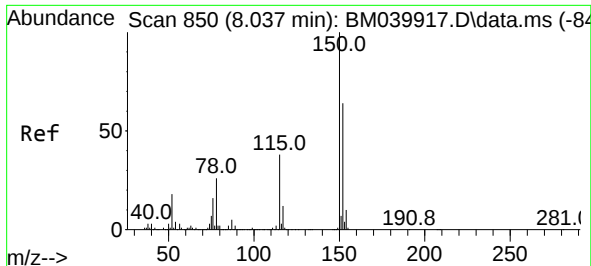
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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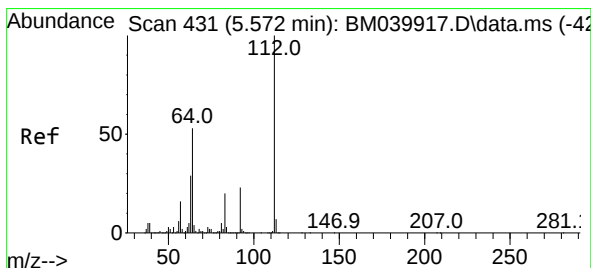
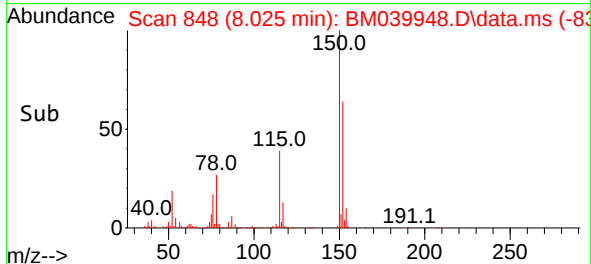
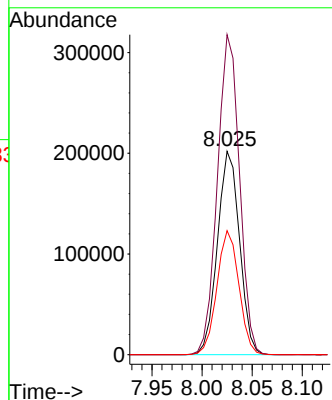
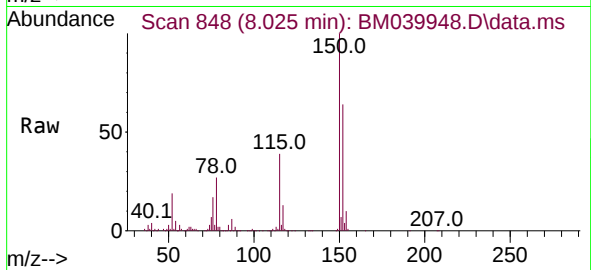




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.025 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

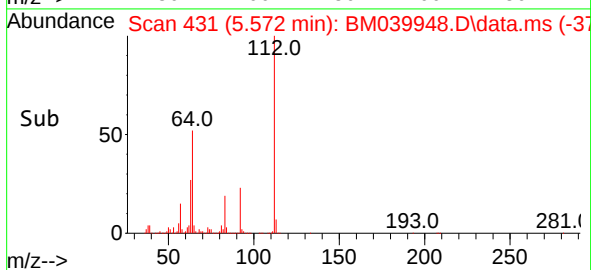
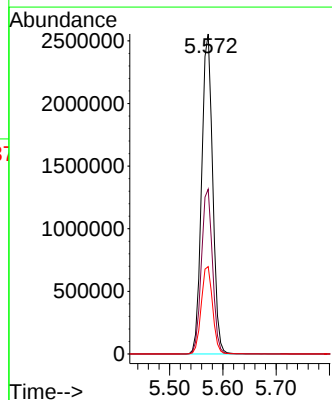
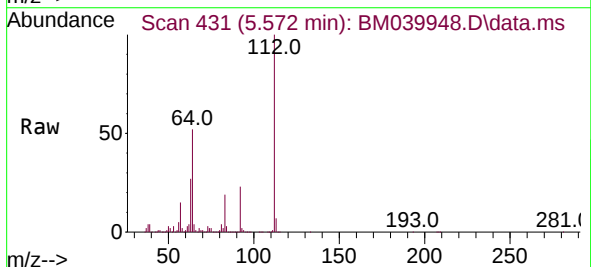
Instrument :
BNA_M
ClientSampleId :
PB152844BL

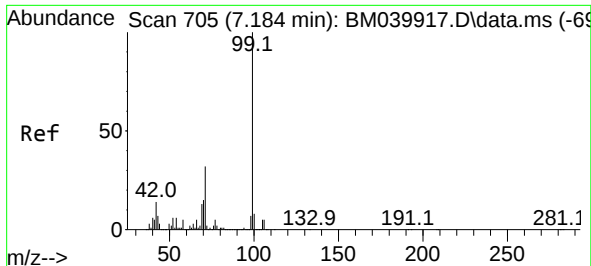
Tgt Ion:152 Resp: 309507
Ion Ratio Lower Upper
152 100
150 157.3 125.0 187.4
115 60.9 47.0 70.6



#5
2-Fluorophenol
Concen: 192.658 ng
RT: 5.572 min Scan# 431
Delta R.T. 0.006 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion:112 Resp: 3669232
Ion Ratio Lower Upper
112 100
64 51.5 42.6 64.0
63 27.3 23.3 34.9

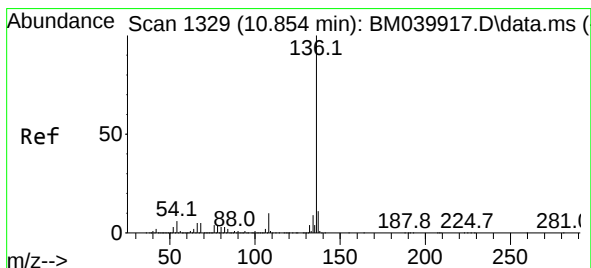
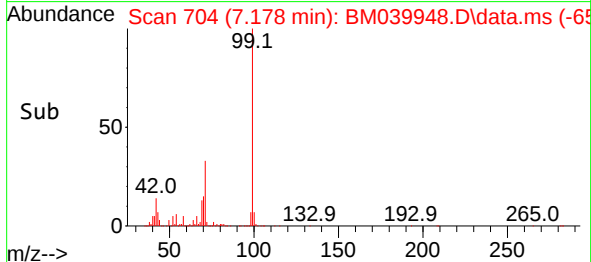
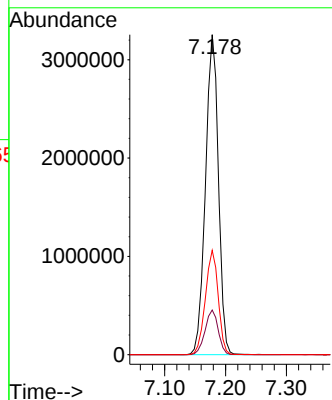
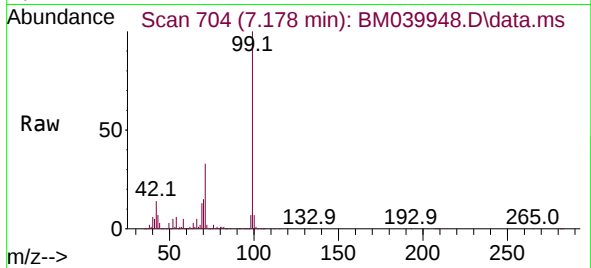




#7
Phenol-d6
Concen: 189.514 ng
RT: 7.178 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

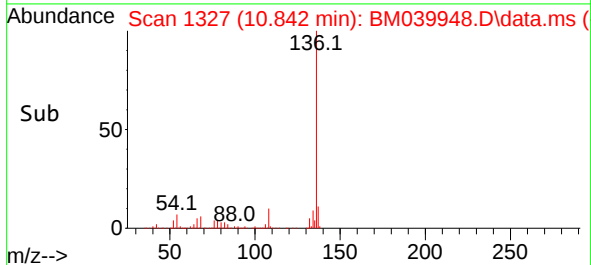
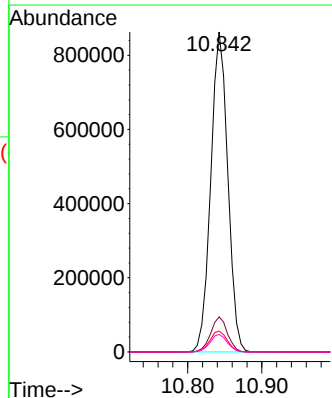
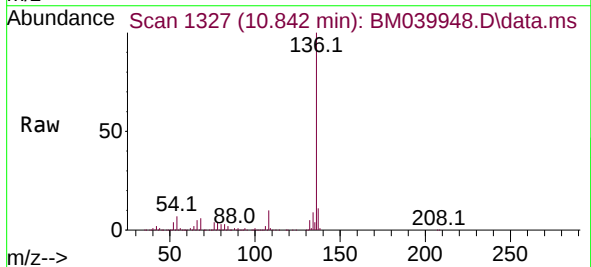
Instrument :
BNA_M
ClientSampleId :
PB152844BL

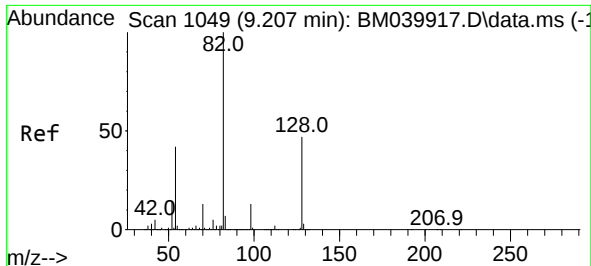
Tgt Ion: 99 Resp: 4809293
Ion Ratio Lower Upper
99 100
42 14.0 11.5 17.3
71 32.6 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.842 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion:136 Resp: 1375190
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.2 7.8
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 109.531 ng

RT: 9.195 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

Instrument :

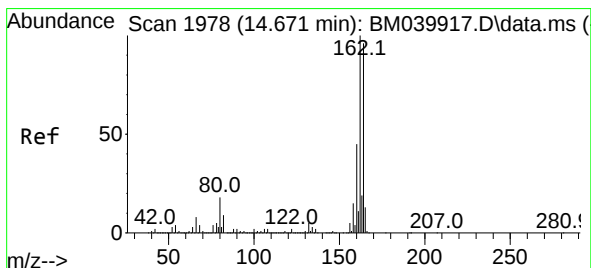
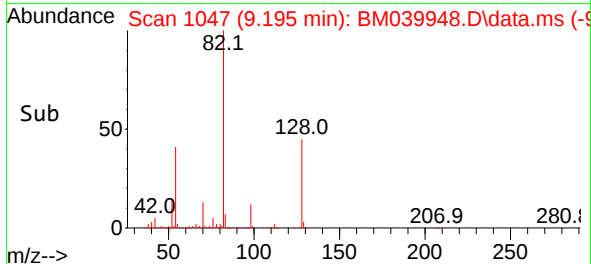
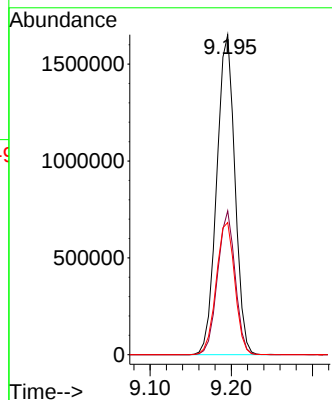
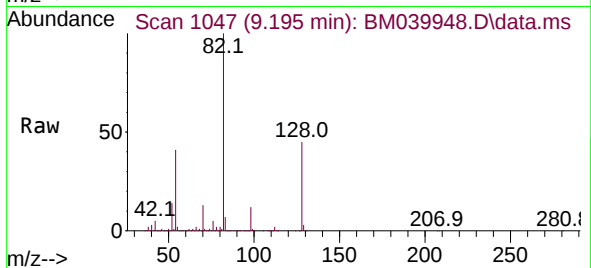
BNA_M

ClientSampleId :

PB152844BL

Tgt Ion: 82 Resp: 2571856

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.2	55.8
54	41.3	33.5	50.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.660 min Scan# 1976

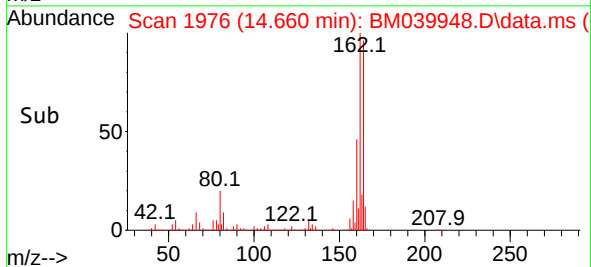
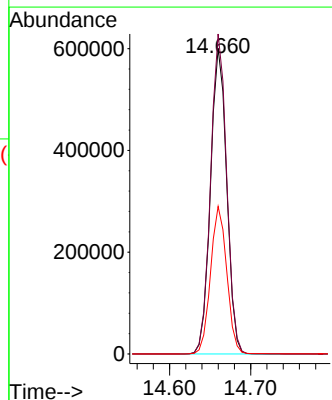
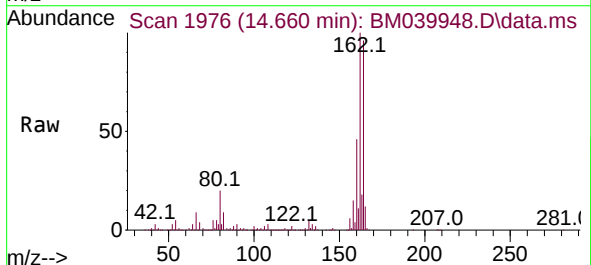
Delta R.T. -0.006 min

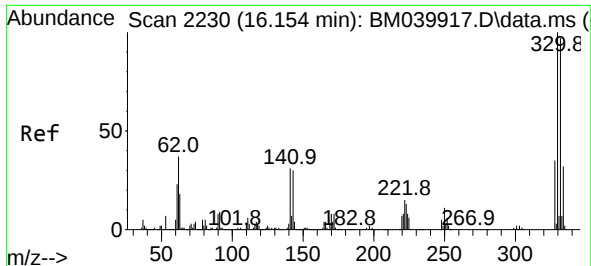
Lab File: BM039948.D

Acq: 18 May 2023 13:01

Tgt Ion: 164 Resp: 831077

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.6	125.4
160	48.3	37.8	56.6

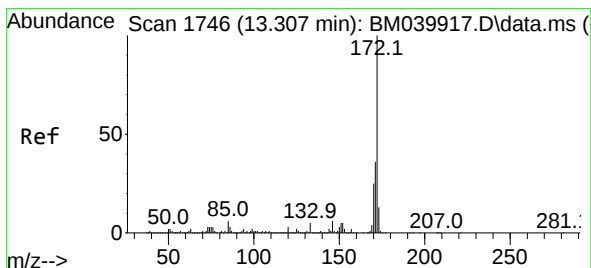
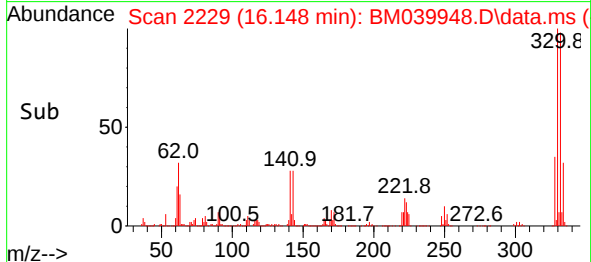
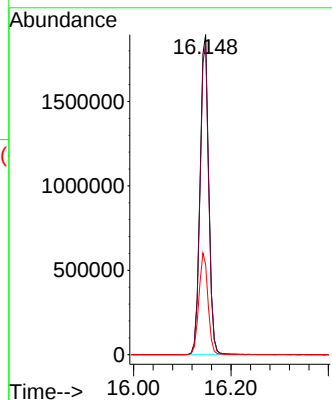
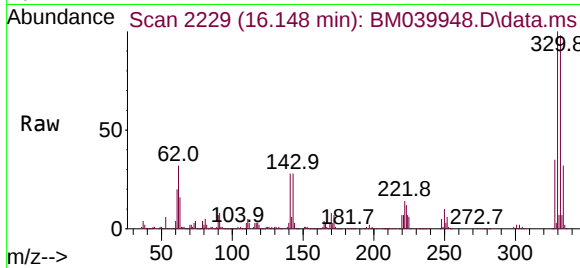




#42
2,4,6-Tribromophenol
Concen: 146.968 ng
RT: 16.148 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

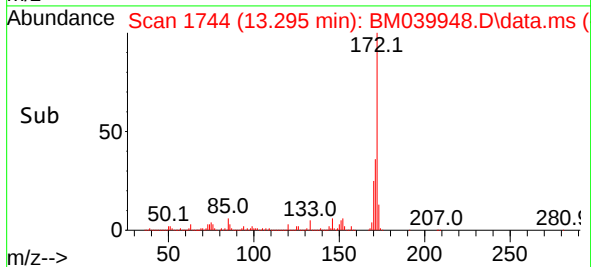
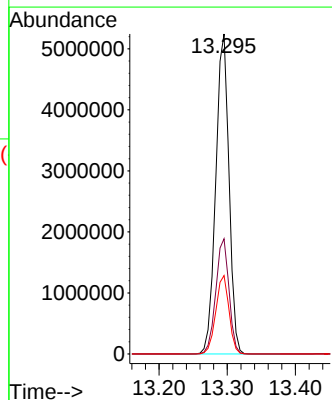
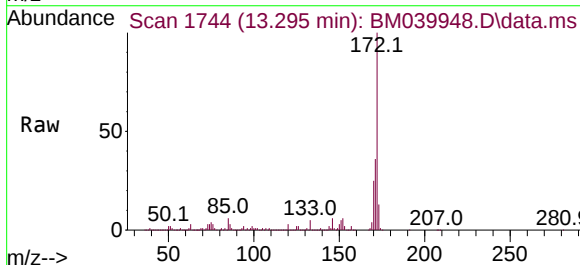
Instrument :
BNA_M
ClientSampleId :
PB152844BL

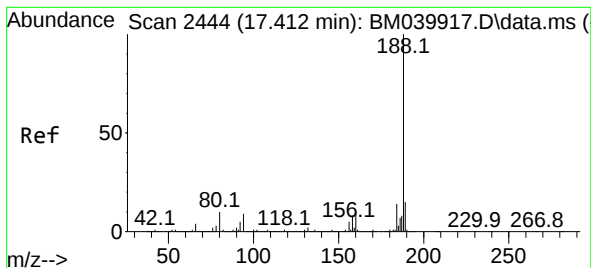
Tgt Ion:330 Resp: 2366806
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 33.2 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 108.903 ng
RT: 13.295 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion:172 Resp: 7075468
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 24.5 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.401 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB152844BL

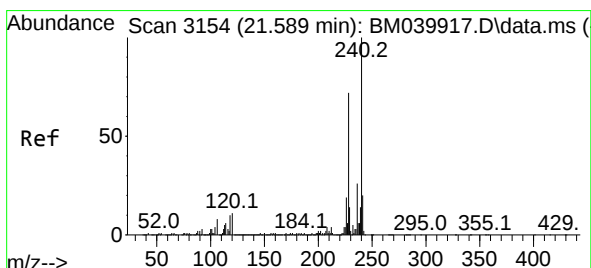
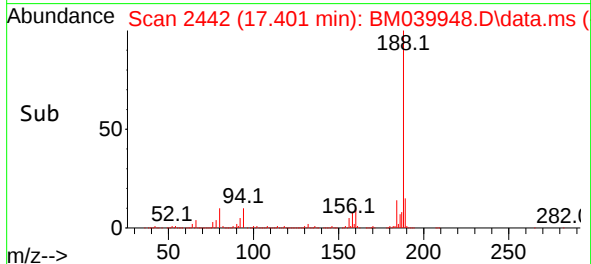
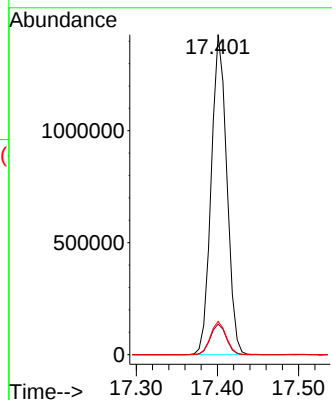
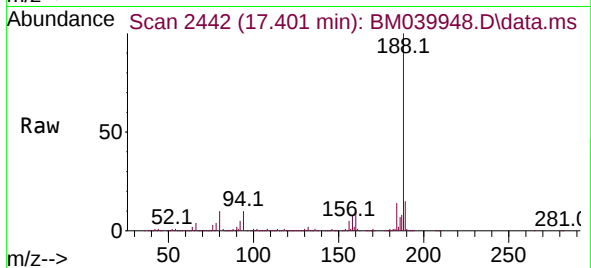
Tgt Ion:188 Resp: 1905034

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.4 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

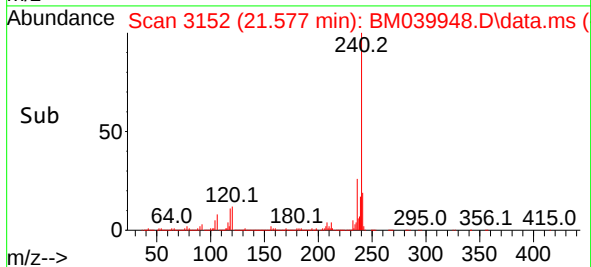
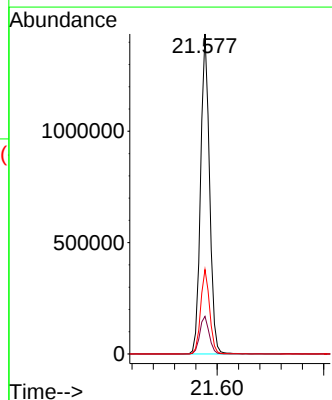
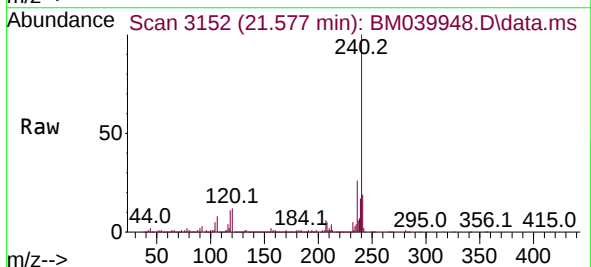
Tgt Ion:240 Resp: 1677611

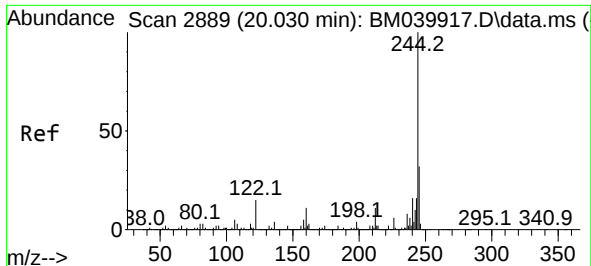
Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

236 26.4 20.9 31.3

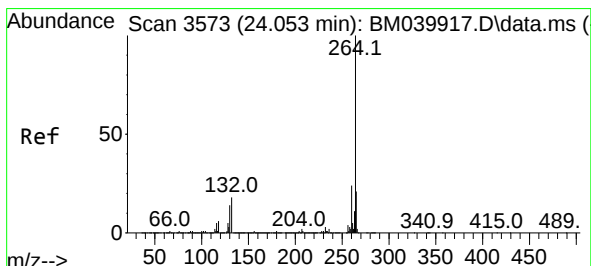
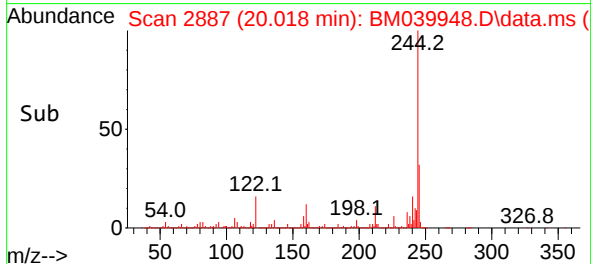
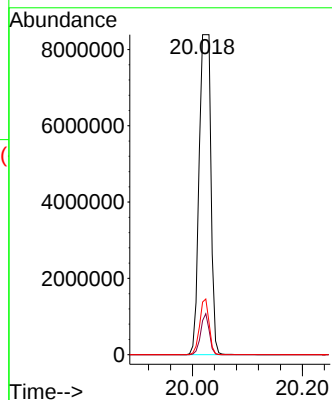
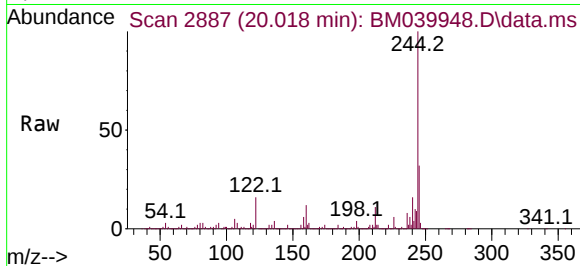




#79
 Terphenyl-d14
 Concen: 134.430 ng
 RT: 20.018 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039948.D
 Acq: 18 May 2023 13:01

Instrument :
 BNA_M
 ClientSampleId :
 PB152844BL

Tgt Ion:244 Resp:12460745
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.5 12.7
 122 16.4 12.1 18.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.036 min Scan# 3570
 Delta R.T. -0.006 min
 Lab File: BM039948.D
 Acq: 18 May 2023 13:01

Tgt Ion:264 Resp: 1973407
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.9 17.2 25.8

