

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049818.D
 Acq On : 04 Apr 2025 11:17
 Operator : RC/JU
 Sample : PB167436BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167436BL

Quant Time: Apr 04 12:01:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	411389	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1389933	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	844008	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1547901	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1260667	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1277571	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3778442	154.974	ng	-0.01
7) Phenol-d6	6.963	99	4545239	148.552	ng	-0.02
23) Nitrobenzene-d5	8.945	82	2727991	100.767	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1955686	198.436	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	6997158	103.827	ng	-0.02
79) Terphenyl-d14	19.797	244	9561220	127.804	ng	-0.01

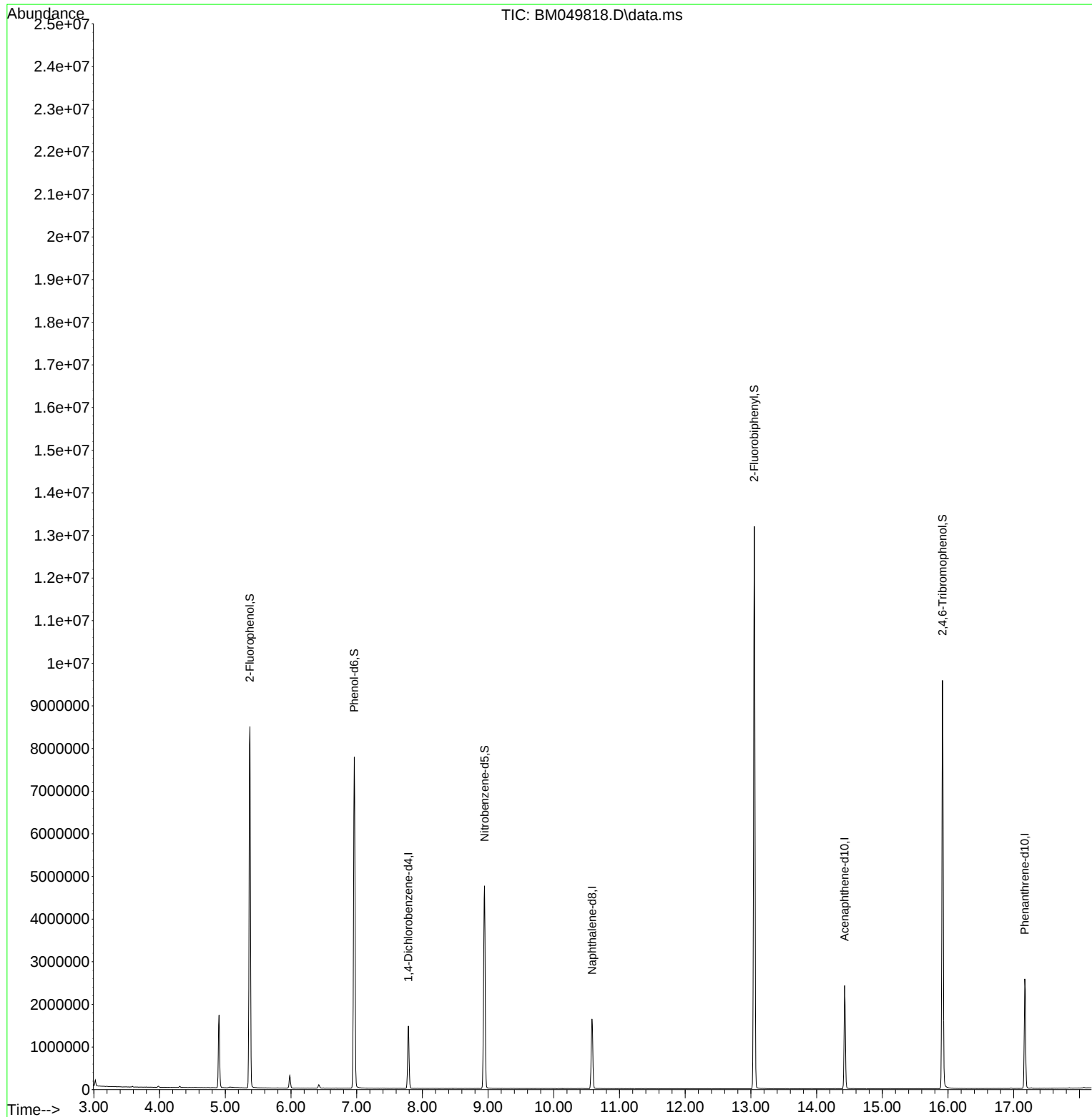
Target Compounds	Qvalue

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

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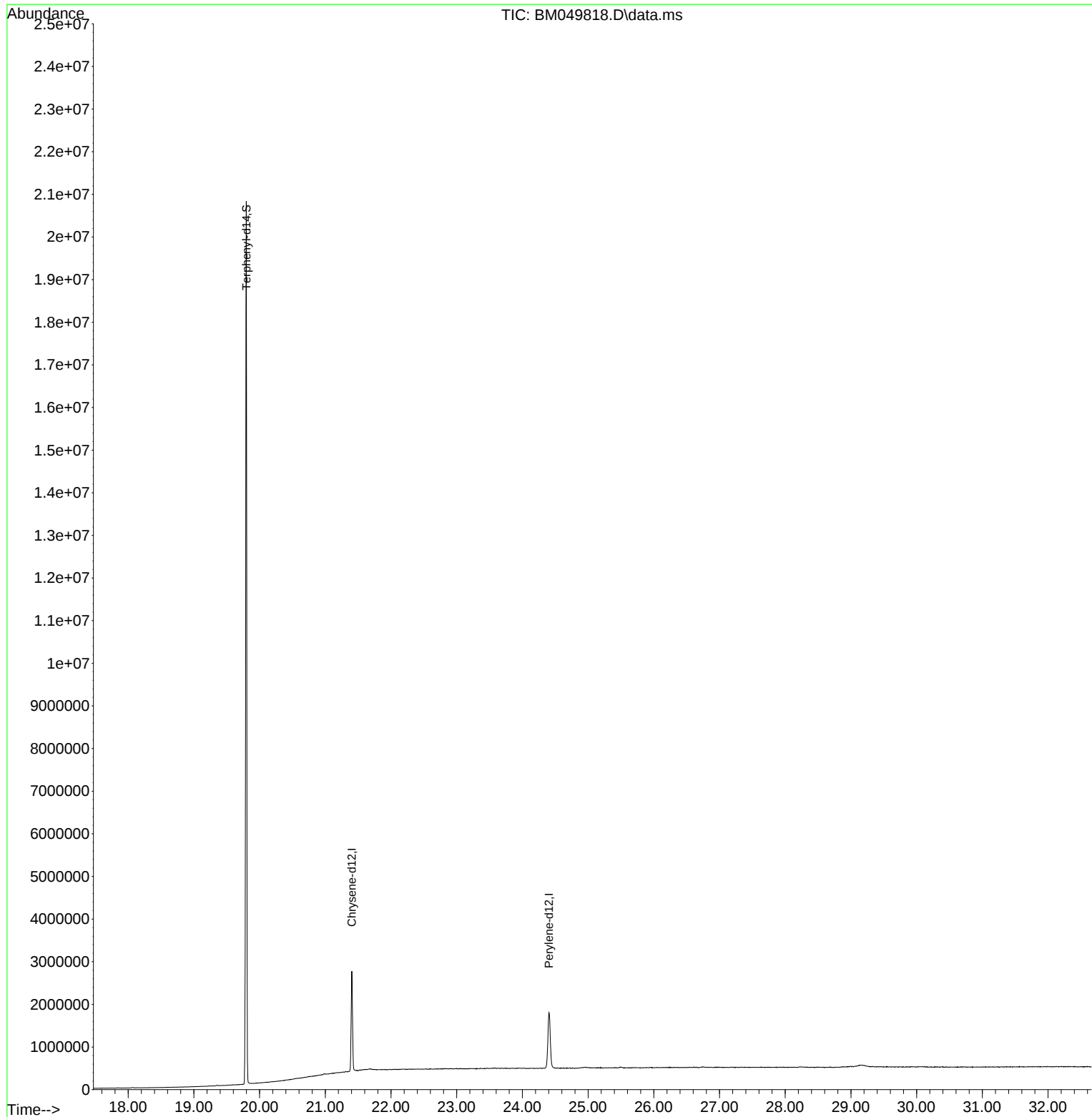
Quant Time: Apr 04 12:01:27 2025
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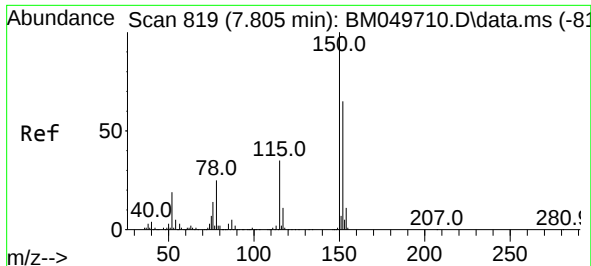


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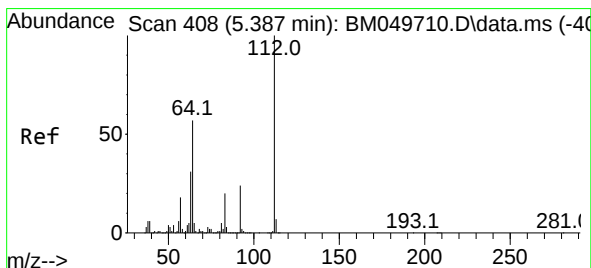
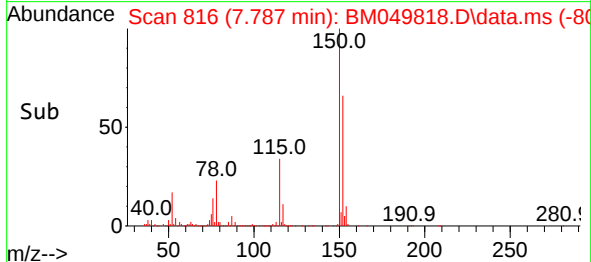
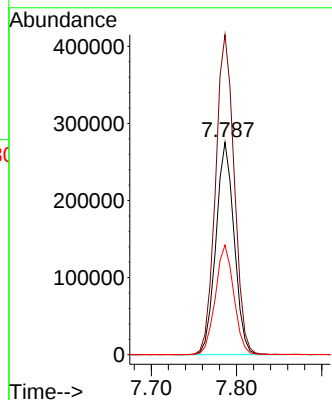
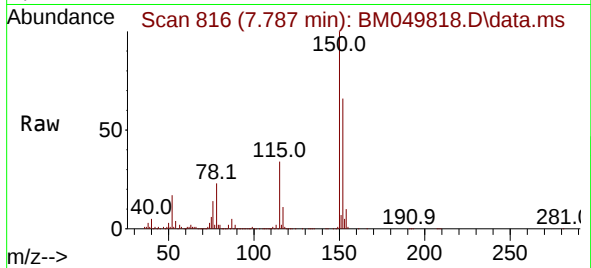




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 819
 Delta R.T. -0.018 min
 Lab File: BM049818.D
 Acq: 04 Apr 2025 11:17

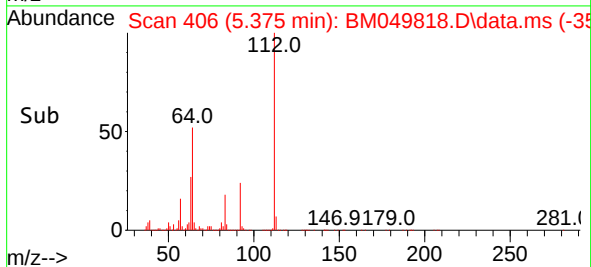
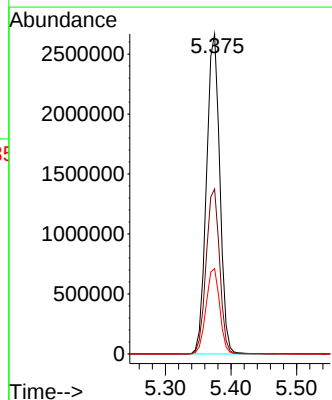
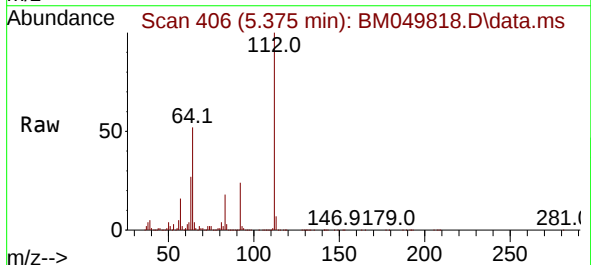
Instrument :
 BNA_M
 ClientSampleId :
 PB167436BL

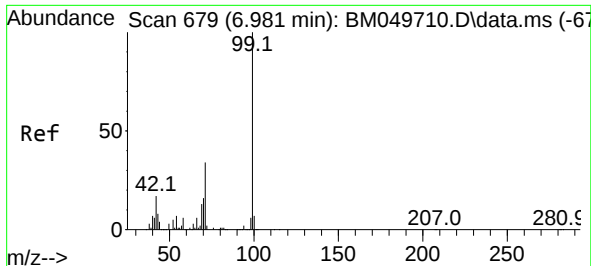
Tgt Ion:152 Resp: 411389
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.8 185.8
 115 51.6 43.0 64.6



#5
 2-Fluorophenol
 Concen: 154.974 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.012 min
 Lab File: BM049818.D
 Acq: 04 Apr 2025 11:17

Tgt Ion:112 Resp: 3778442
 Ion Ratio Lower Upper
 112 100
 64 51.5 45.3 67.9
 63 26.7 24.4 36.6

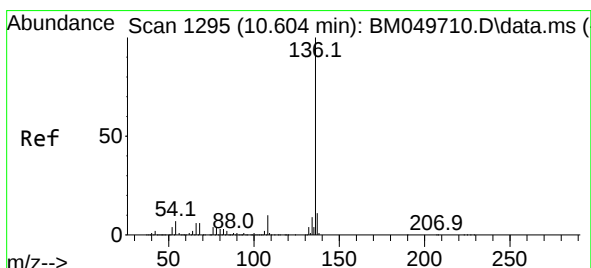
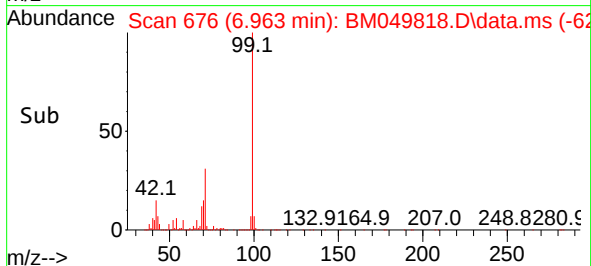
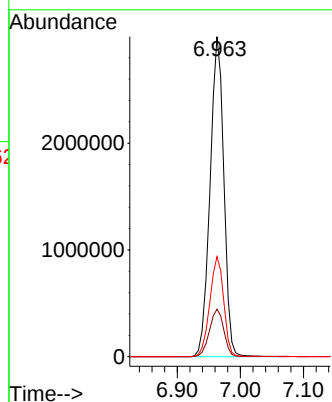
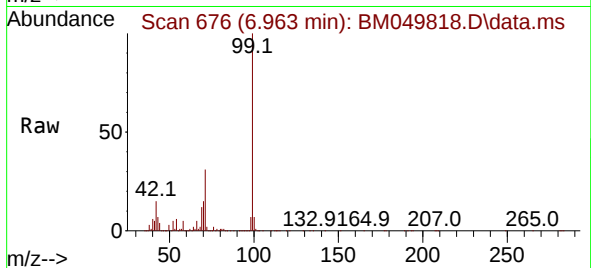




#7
Phenol-d6
Concen: 148.552 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

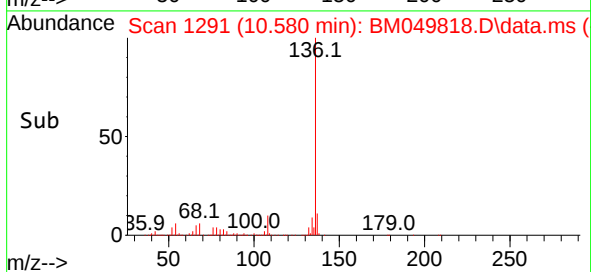
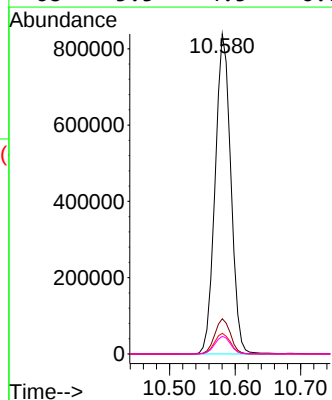
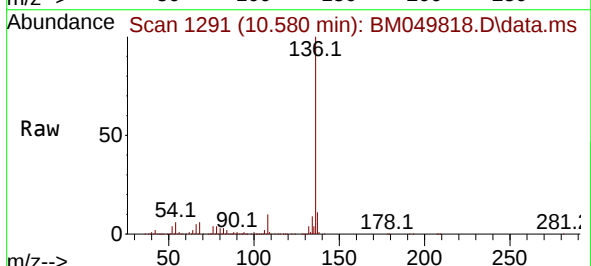
Instrument :
BNA_M
ClientSampleId :
PB167436BL

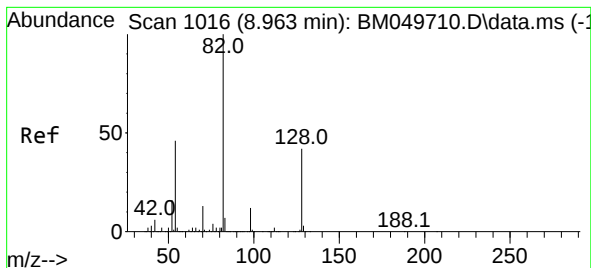
Tgt Ion: 99 Resp: 4545239
Ion Ratio Lower Upper
99 100
42 14.8 13.6 20.4
71 31.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Tgt Ion: 136 Resp: 1389933
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.5 5.8 8.8
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 100.767 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049818.D

Acq: 04 Apr 2025 11:17

Instrument :

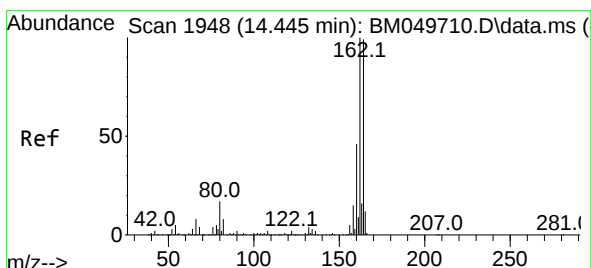
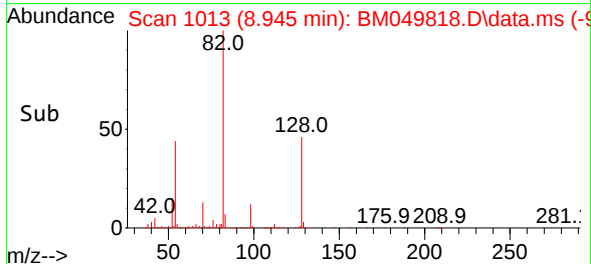
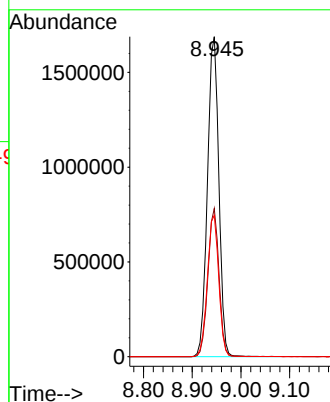
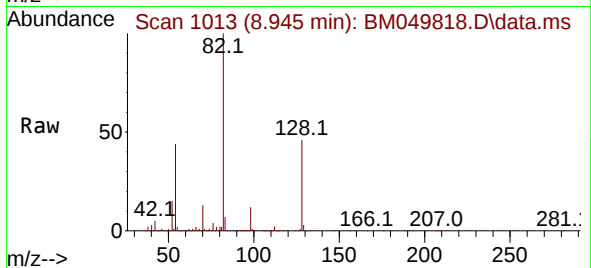
BNA_M

ClientSampleId :

PB167436BL

Tgt Ion: 82 Resp: 2727991

Ion	Ratio	Lower	Upper
82	100		
128	46.3	33.4	50.0
54	44.2	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

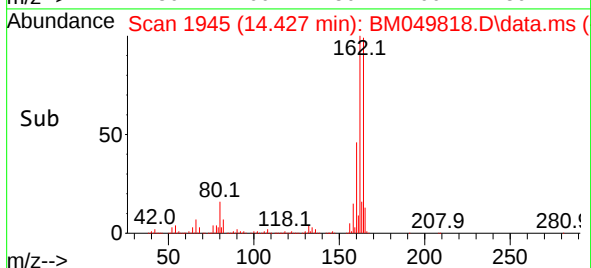
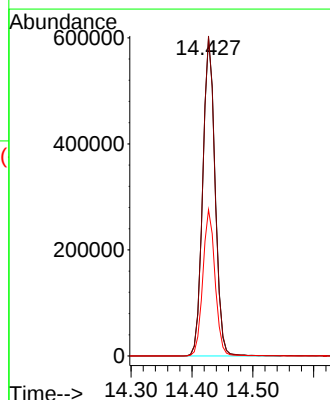
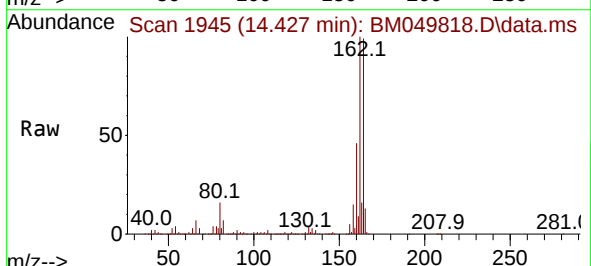
Delta R.T. -0.018 min

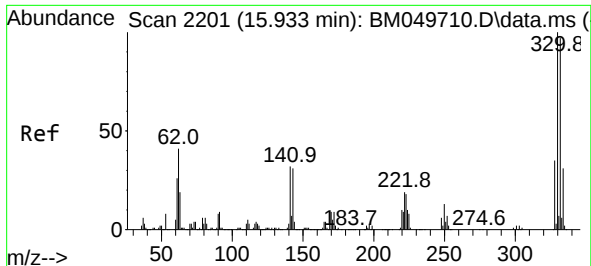
Lab File: BM049818.D

Acq: 04 Apr 2025 11:17

Tgt Ion: 164 Resp: 844008

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	46.0	36.9	55.3

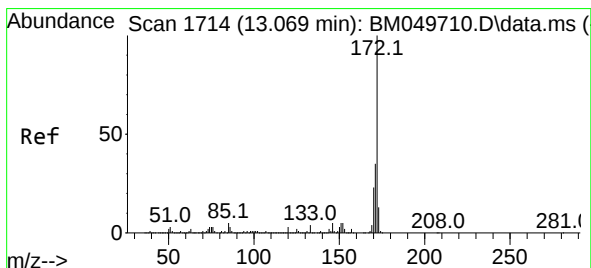
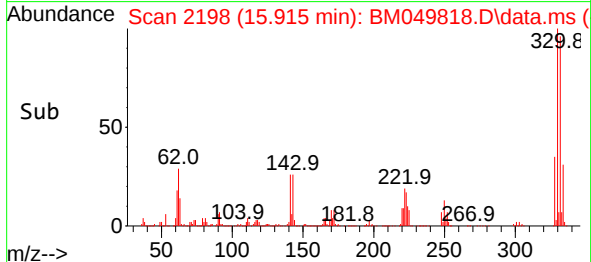
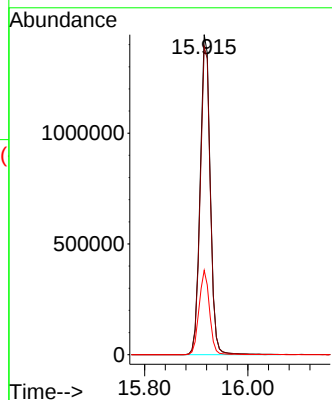
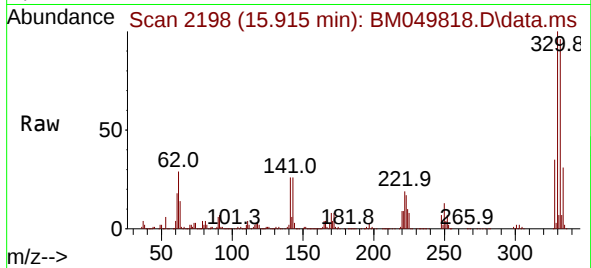




#42
2,4,6-Tribromophenol
Concen: 198.436 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

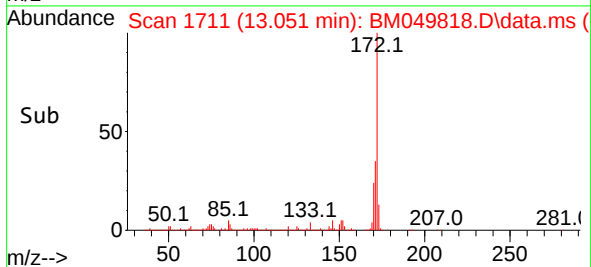
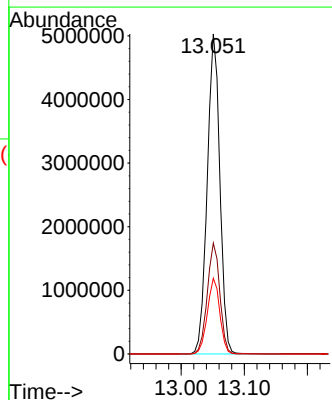
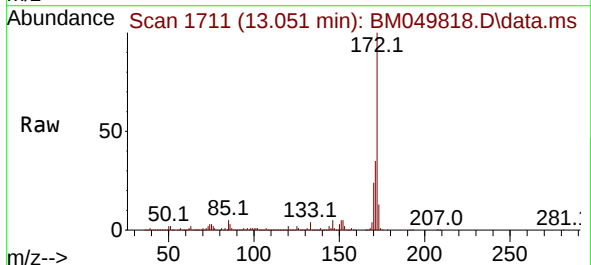
Instrument :
BNA_M
ClientSampleId :
PB167436BL

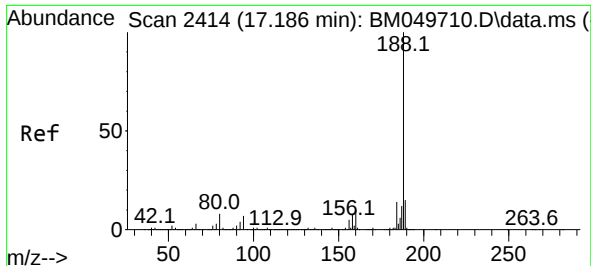
Tgt Ion:330 Resp: 1955686
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 27.4 27.8 41.6#



#45
2-Fluorobiphenyl
Concen: 103.827 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Tgt Ion:172 Resp: 6997158
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.6 18.6 28.0

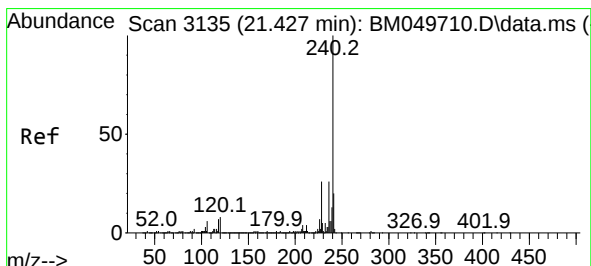
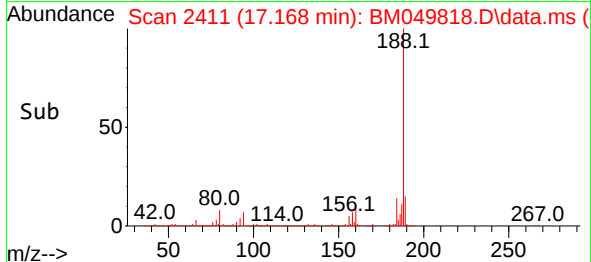
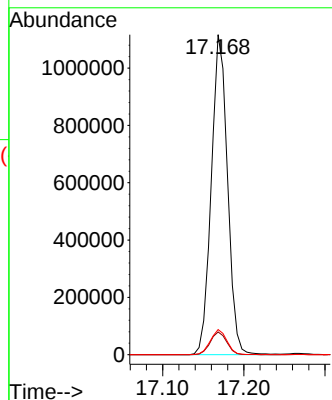
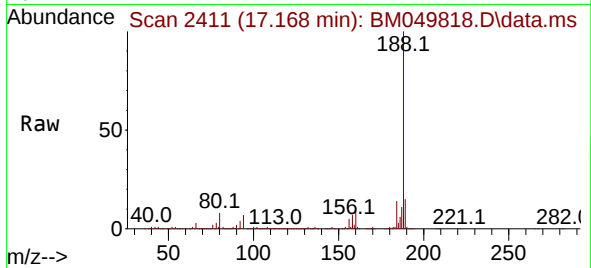




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

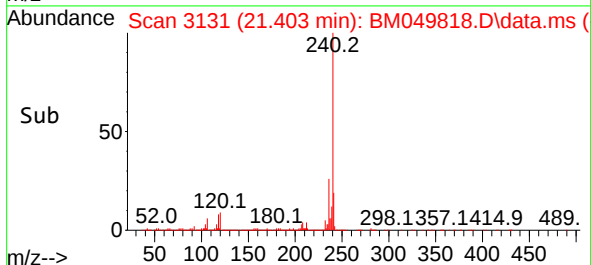
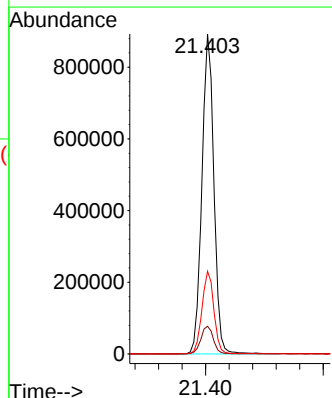
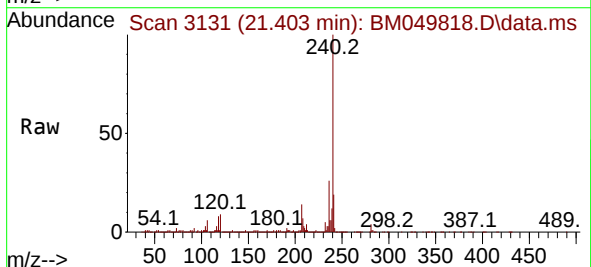
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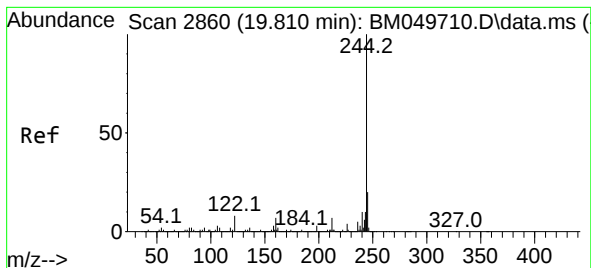
Tgt Ion:188 Resp: 1547901
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049818.D
Acq: 04 Apr 2025 11:17

Tgt Ion:240 Resp: 1260667
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 127.804 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049818.D

Acq: 04 Apr 2025 11:17

Instrument :

BNA_M

ClientSampleId :

PB167436BL

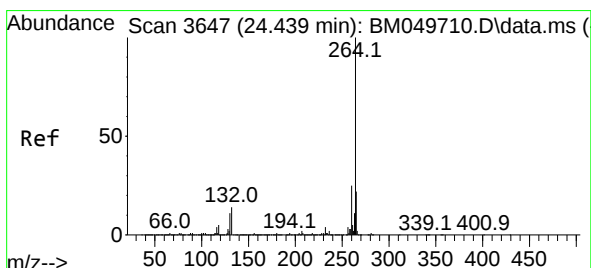
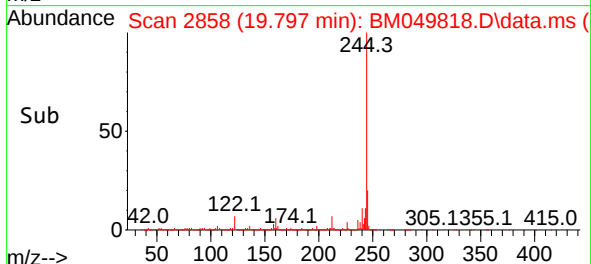
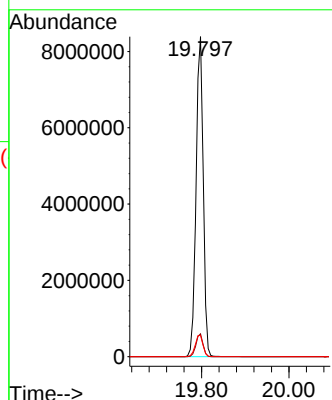
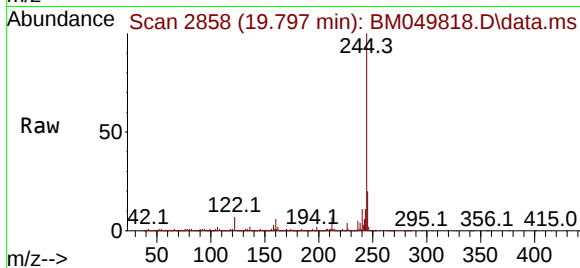
Tgt Ion:244 Resp: 9561220

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.036 min

Lab File: BM049818.D

Acq: 04 Apr 2025 11:17

Tgt Ion:264 Resp: 1277571

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 22.0 18.2 27.2

