

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049808.D
 Acq On : 03 Apr 2025 16:35
 Operator : RC/JU
 Sample : Q1693-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WCS-TP-1

Quant Time: Apr 03 17:08:43 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	311785	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1075512	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	677807	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1332980	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1340429	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1410706	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1753815	94.913	ng	-0.02
7) Phenol-d6	6.957	99	2196277	94.712	ng	-0.02
23) Nitrobenzene-d5	8.940	82	1294573	61.799	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	862446	108.967	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3099061	57.261	ng	-0.02
79) Terphenyl-d14	19.792	244	4812432	60.500	ng	-0.02

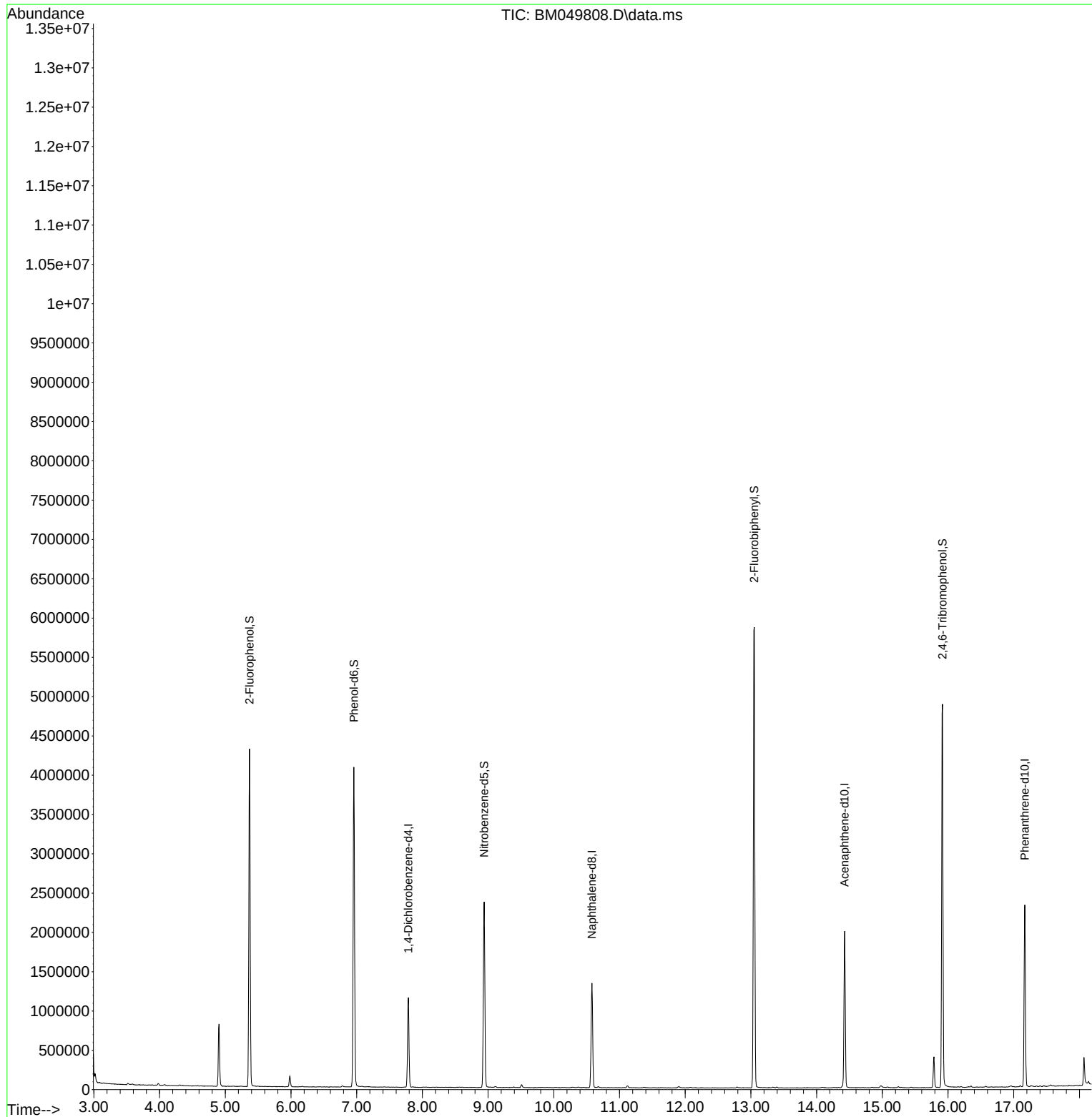
Target Compounds	Qvalue

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

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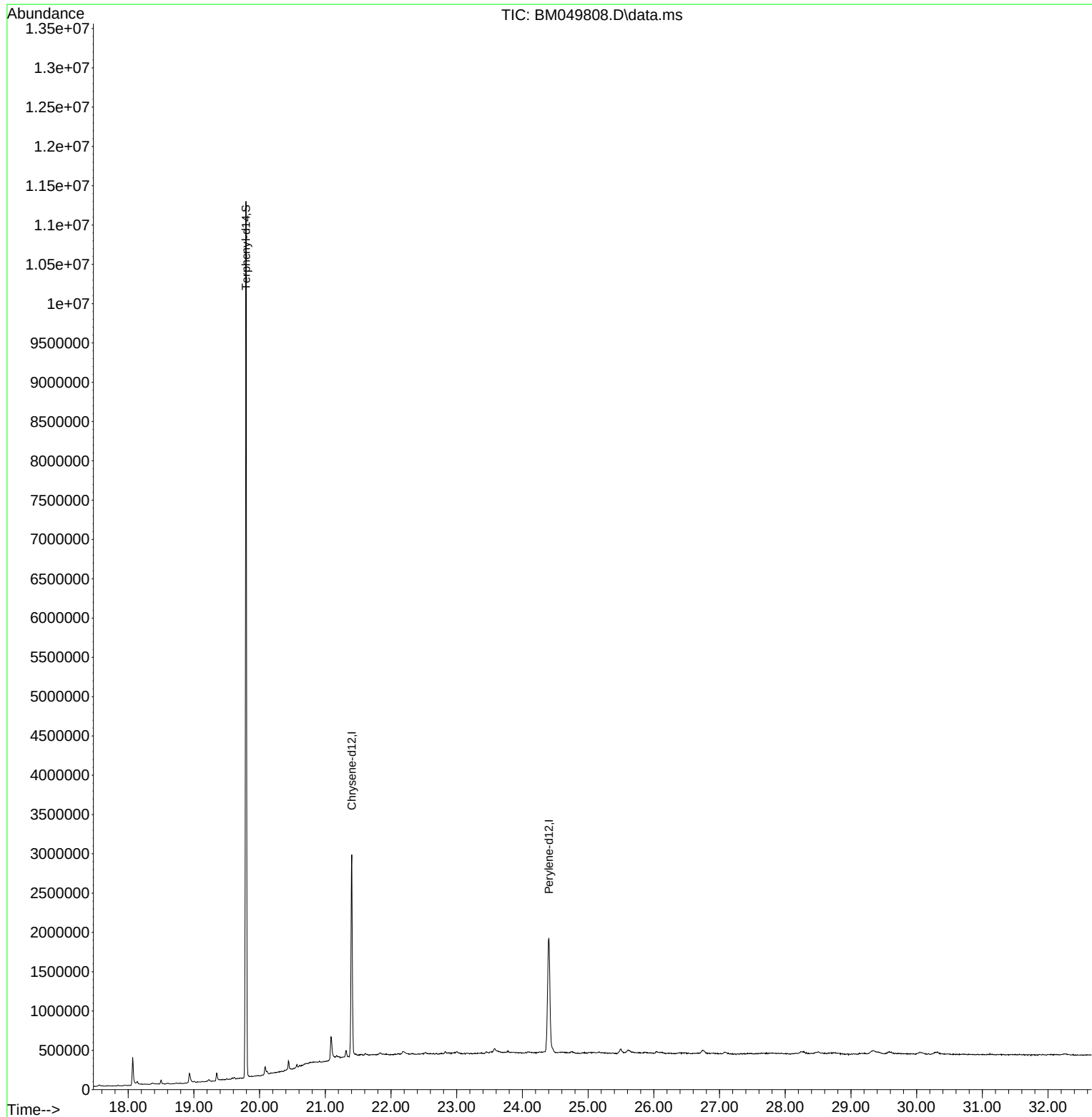
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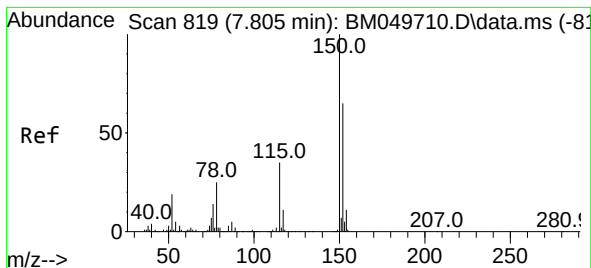


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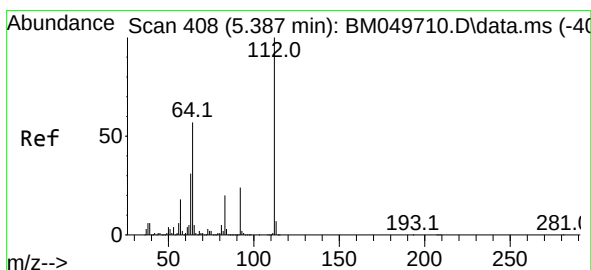
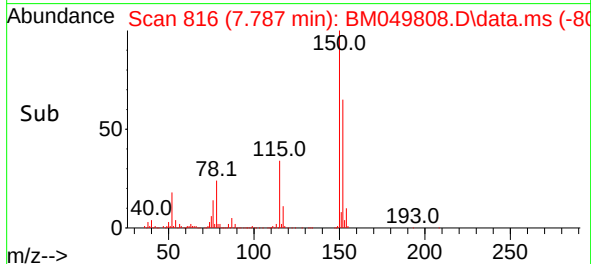
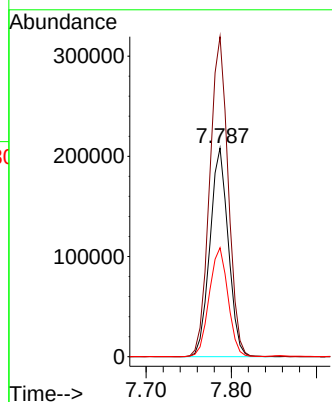
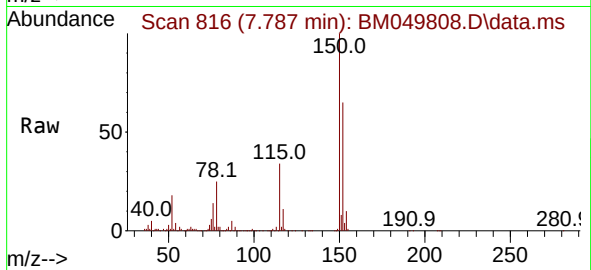




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

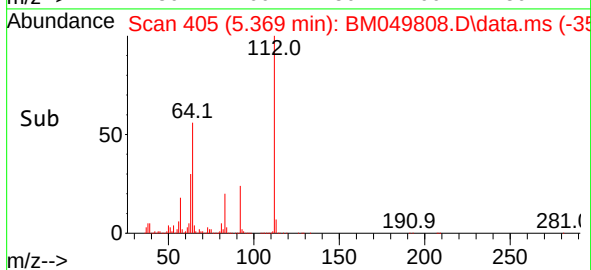
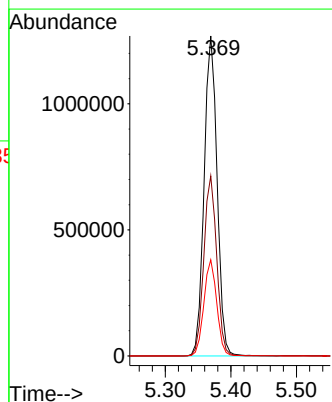
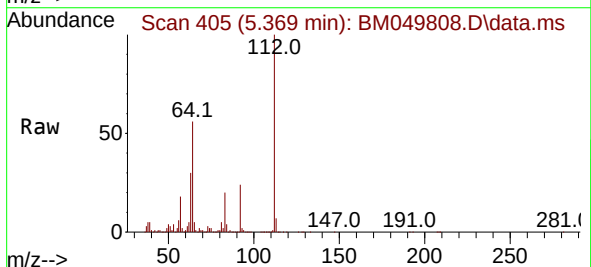
Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

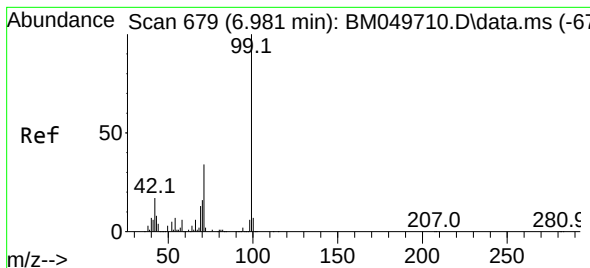
Tgt Ion:152 Resp: 311785
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.8
115 52.3 43.0 64.6



#5
2-Fluorophenol
Concen: 94.913 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

Tgt Ion:112 Resp: 1753815
Ion Ratio Lower Upper
112 100
64 56.2 45.3 67.9
63 30.0 24.4 36.6





#7

Phenol-d6

Concen: 94.712 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.024 min

Lab File: BM049808.D

Acq: 03 Apr 2025 16:35

Instrument :

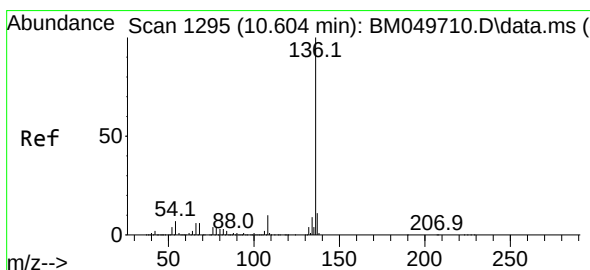
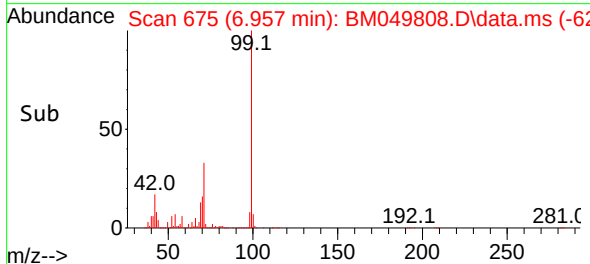
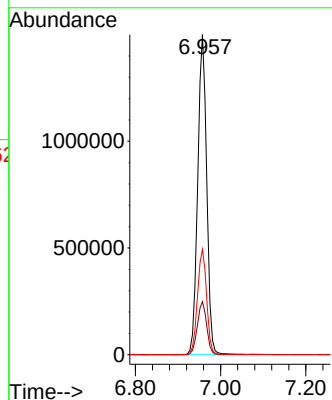
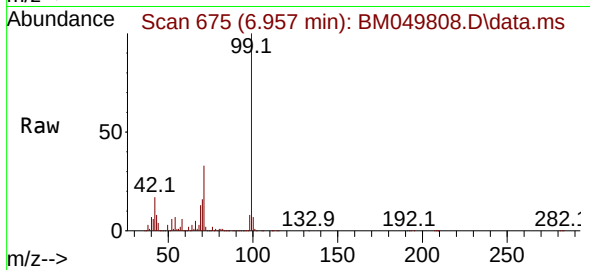
BNA_M

ClientSampleId :

WCS-TP-1

Tgt Ion: 99 Resp: 2196277

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	33.0	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.581 min Scan# 1291

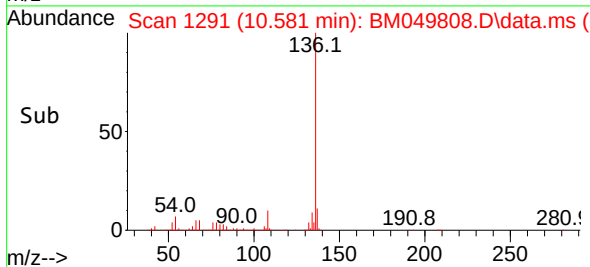
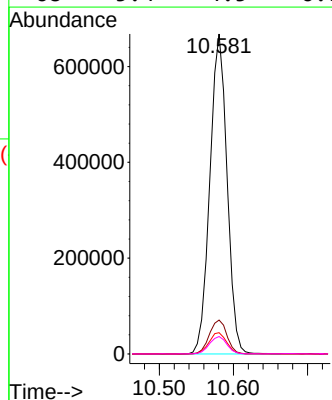
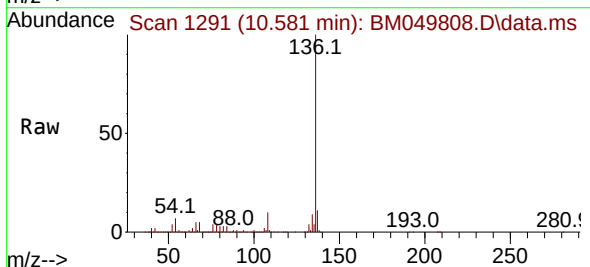
Delta R.T. -0.024 min

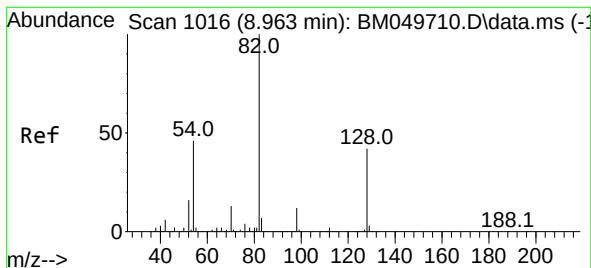
Lab File: BM049808.D

Acq: 03 Apr 2025 16:35

Tgt Ion: 136 Resp: 1075512

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.6	5.8	8.8
68	5.4	4.5	6.7





#23

Nitrobenzene-d5

Concen: 61.799 ng

RT: 8.940 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049808.D

Acq: 03 Apr 2025 16:35

Instrument :

BNA_M

ClientSampleId :

WCS-TP-1

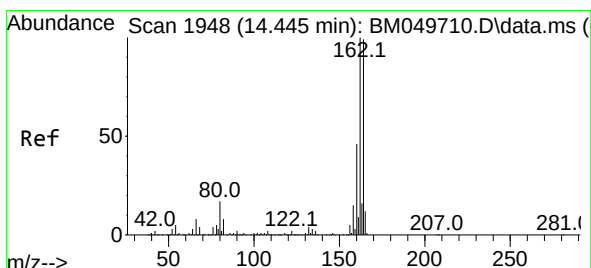
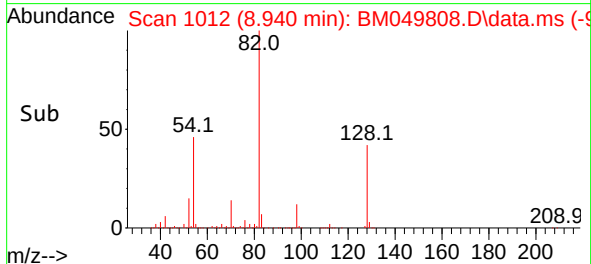
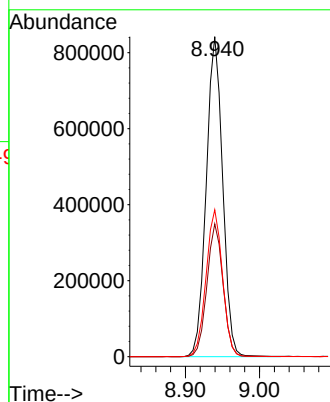
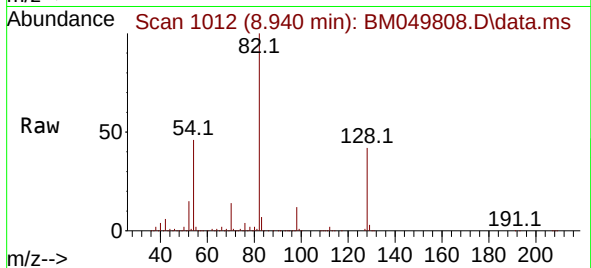
Tgt Ion: 82 Resp: 1294573

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.0

54 45.9 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: BM049808.D

Acq: 03 Apr 2025 16:35

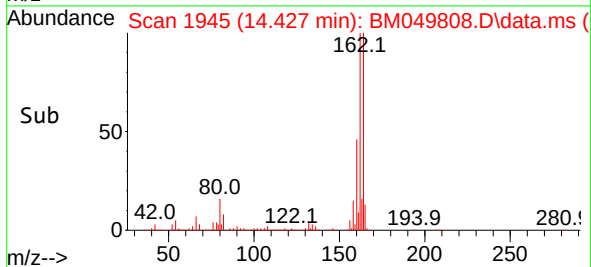
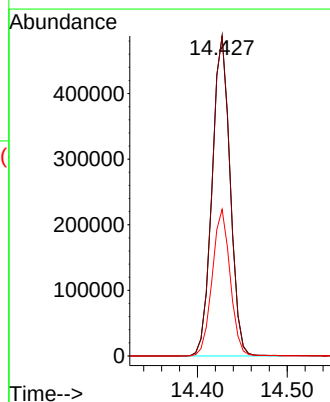
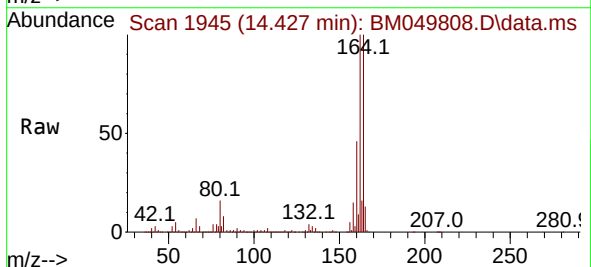
Tgt Ion: 164 Resp: 677807

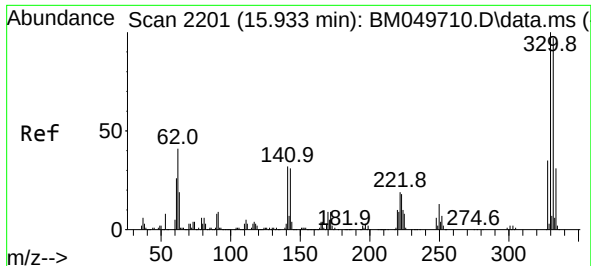
Ion Ratio Lower Upper

164 100

162 99.9 80.5 120.7

160 45.8 36.9 55.3

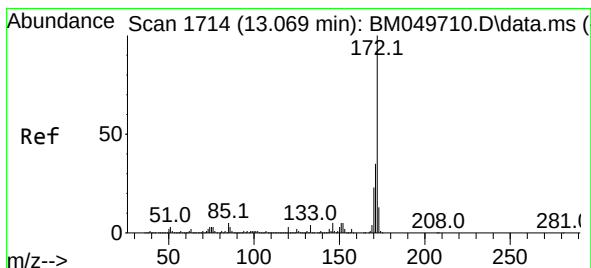
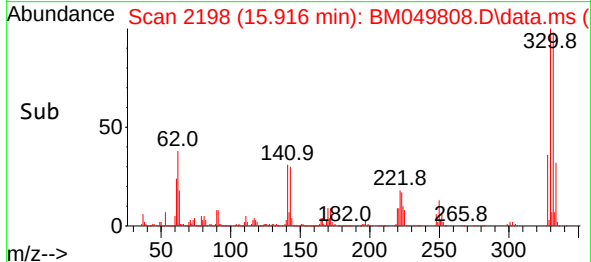
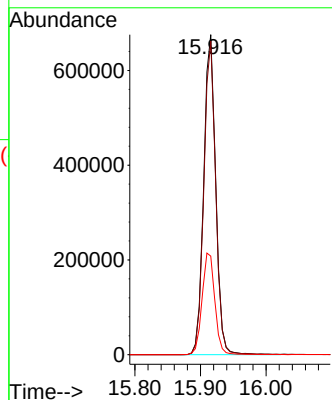
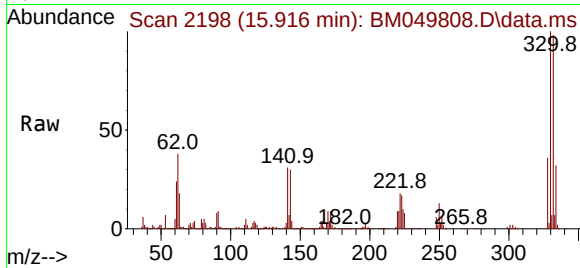




#42
2,4,6-Tribromophenol
Concen: 108.967 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

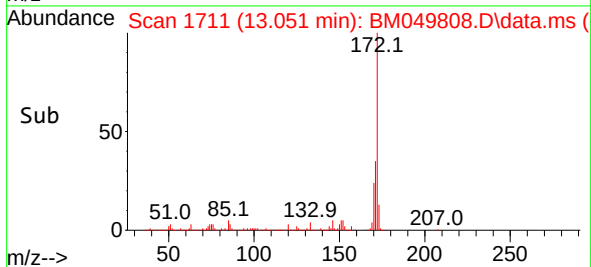
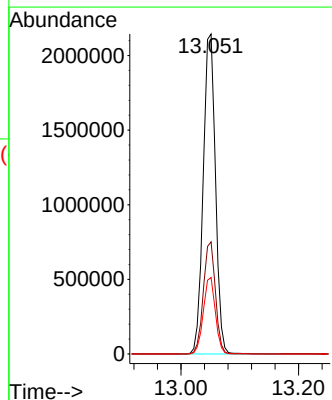
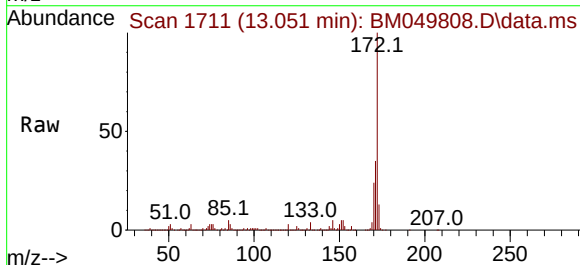
Instrument :
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ClientSampleId :
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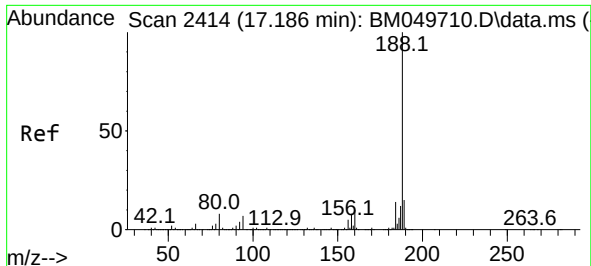
Tgt Ion:330 Resp: 862446
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.7 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 57.261 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

Tgt Ion:172 Resp: 3099061
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.9 18.6 28.0

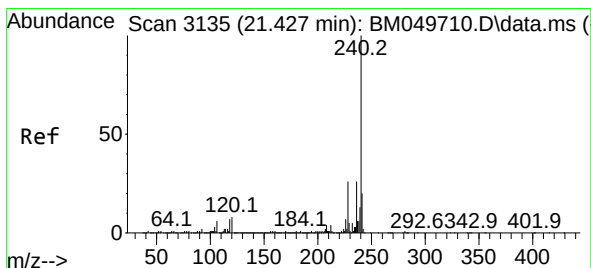
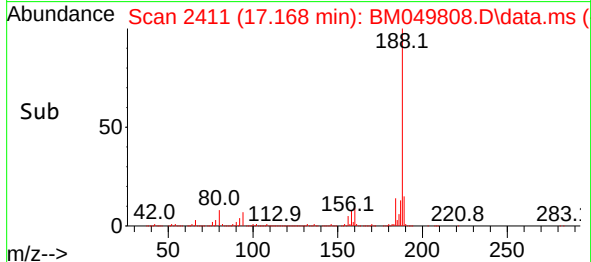
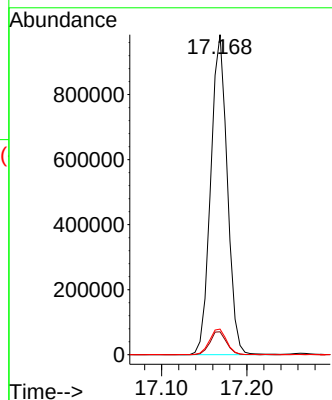
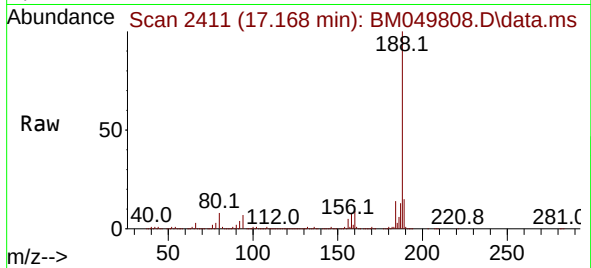




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

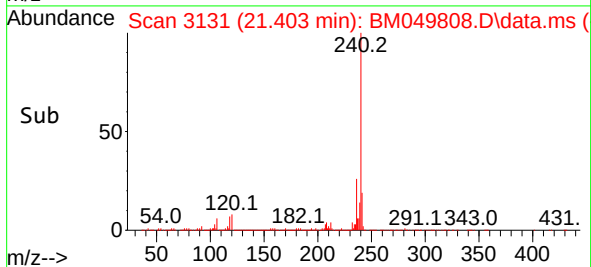
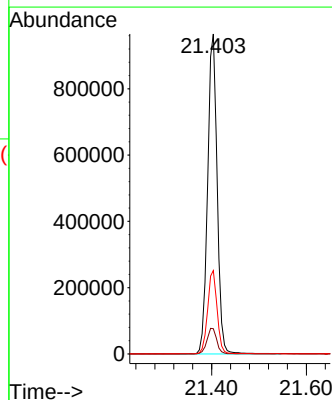
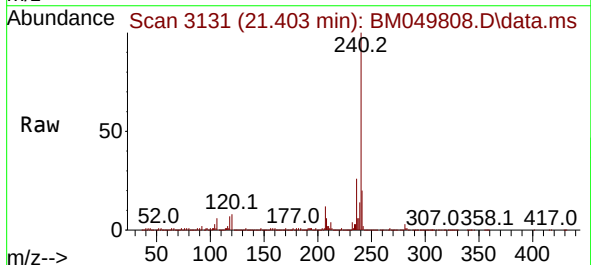
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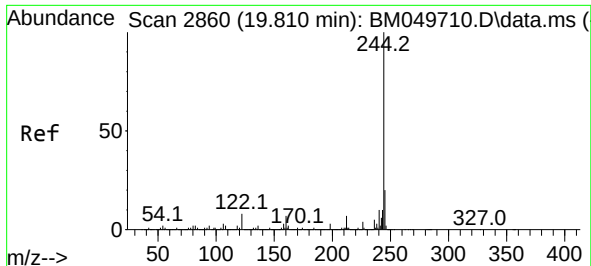
Tgt Ion:188 Resp: 1332980
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.0 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

Tgt Ion:240 Resp: 1340429
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.1 20.7 31.1

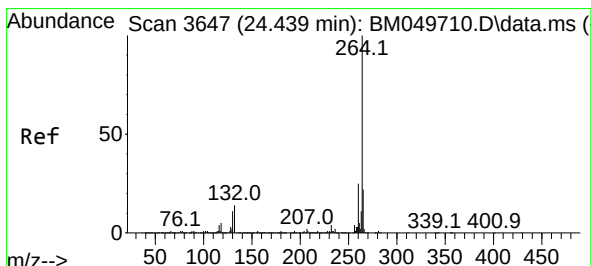
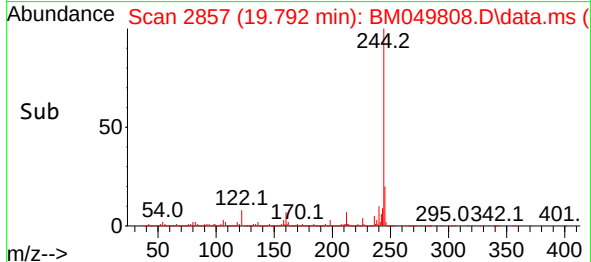
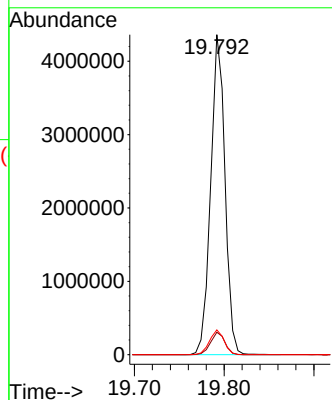
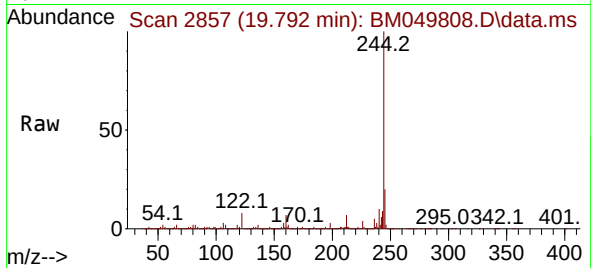




#79
 Terphenyl-d14
 Concen: 60.500 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049808.D
 Acq: 03 Apr 2025 16:35

Instrument :
 BNA_M
 ClientSampleId :
 WCS-TP-1

Tgt Ion:244 Resp: 4812432
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 7.8 6.0 9.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.035 min
 Lab File: BM049808.D
 Acq: 03 Apr 2025 16:35

Tgt Ion:264 Resp: 1410706
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.8 18.2 27.2

