

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)

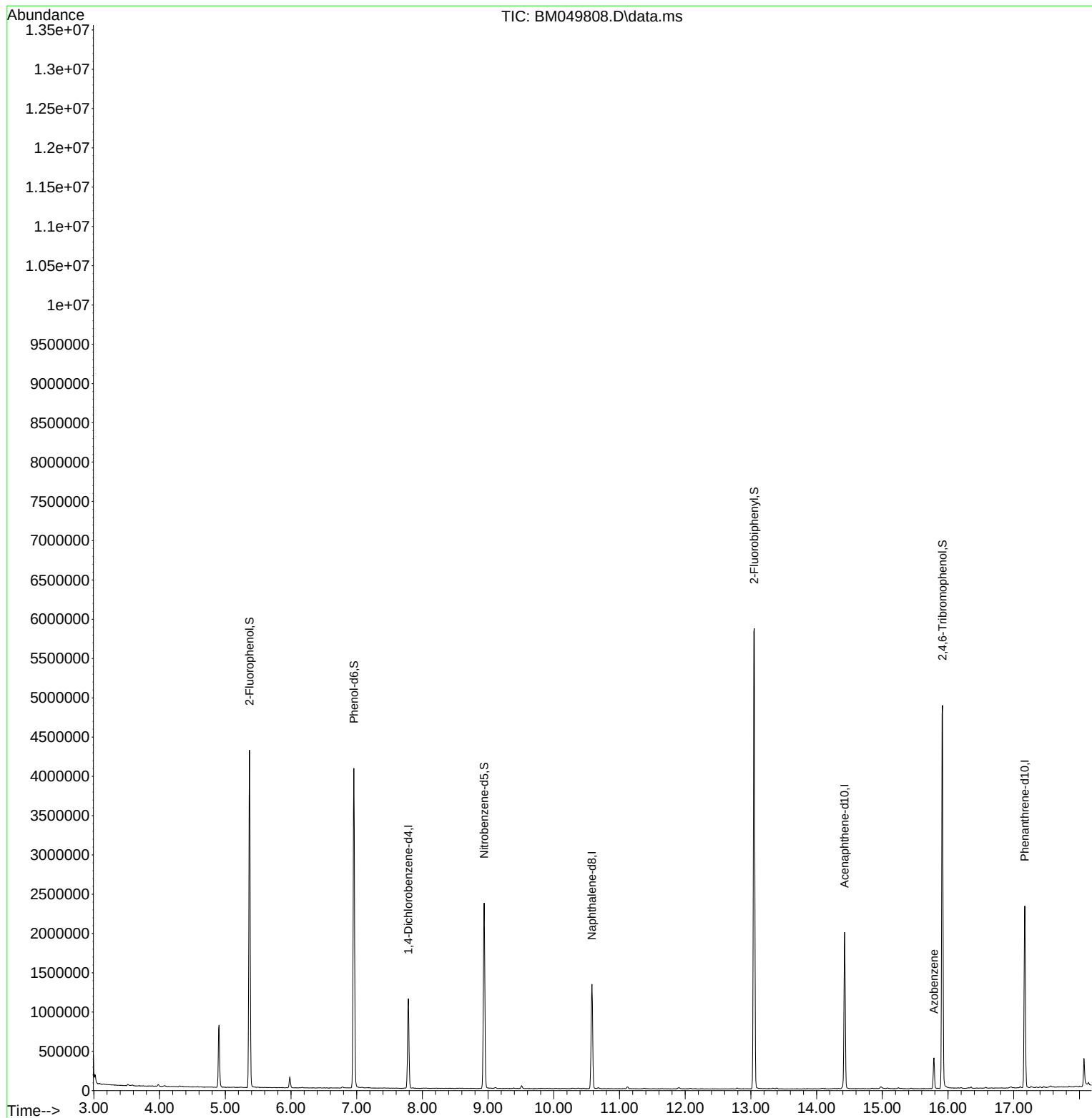
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	311785	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1075512	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	677807	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1332980	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1340429	20.000	ng	-0.02
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
63) Azobenzene	15.786	77	106383	2.534	ng	# 1

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

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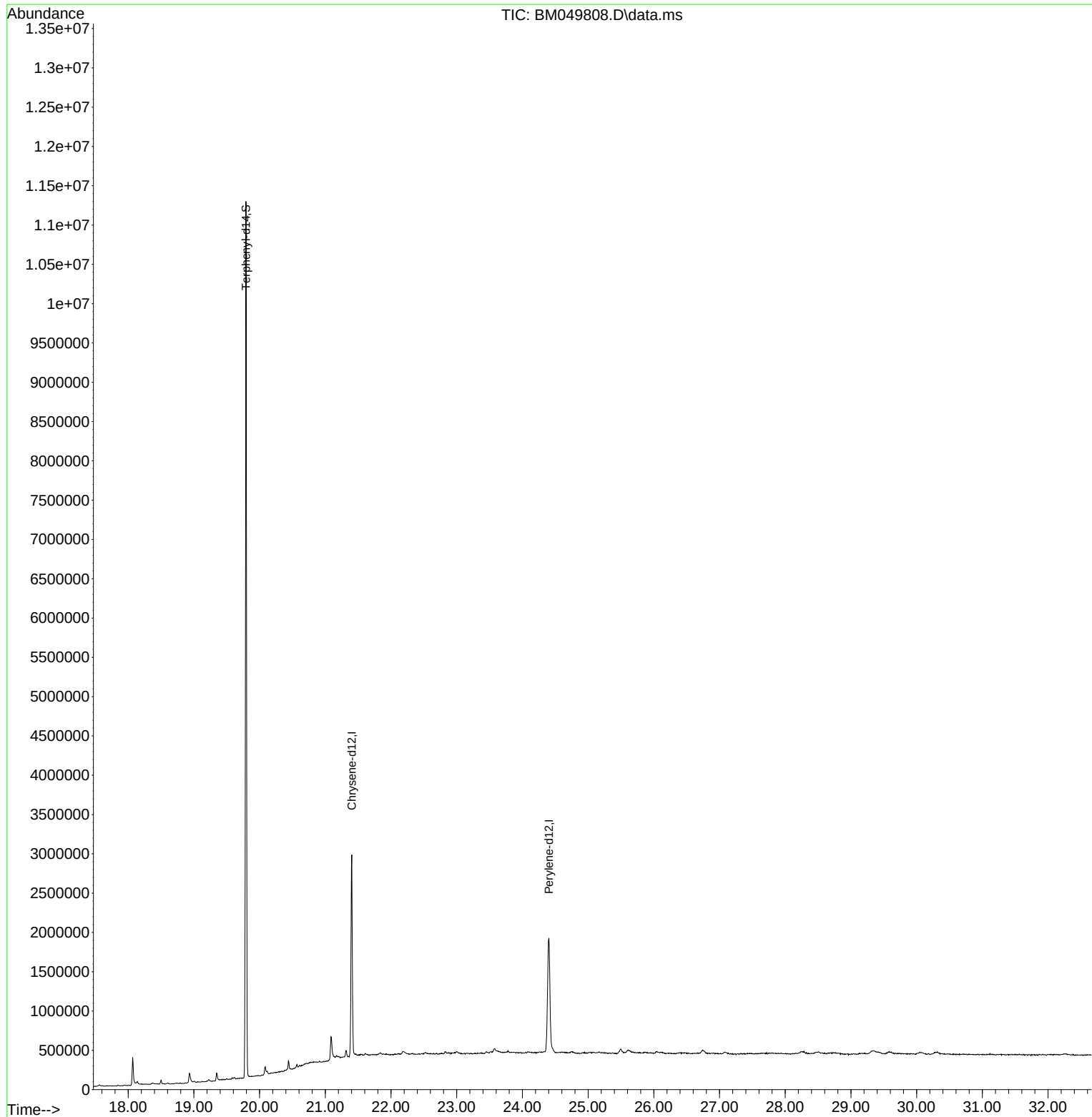
Quant Time: Apr 03 17:08:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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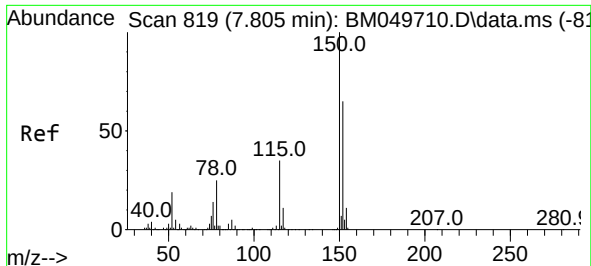


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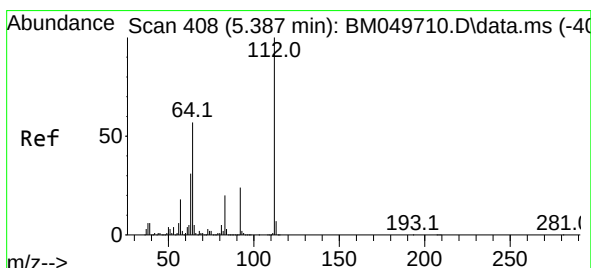
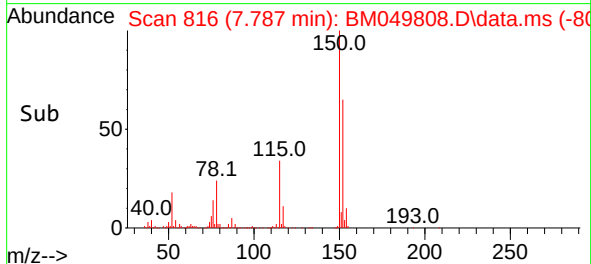
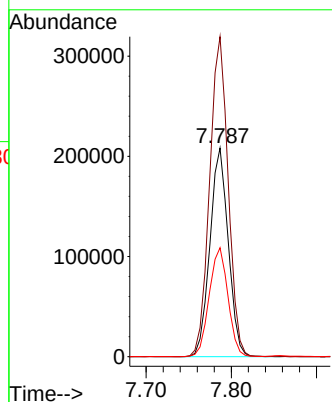
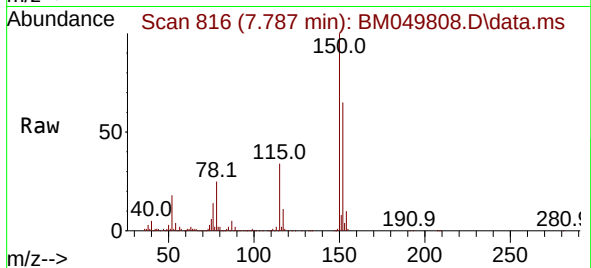




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

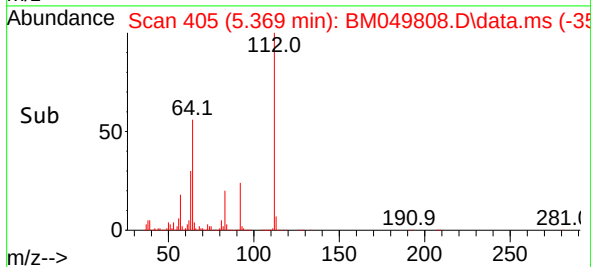
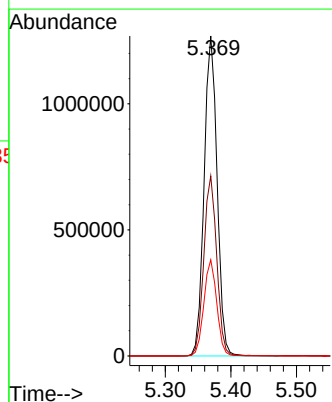
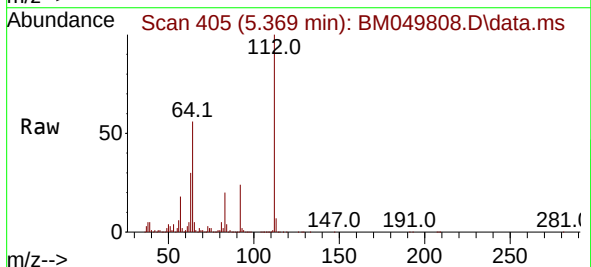
Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

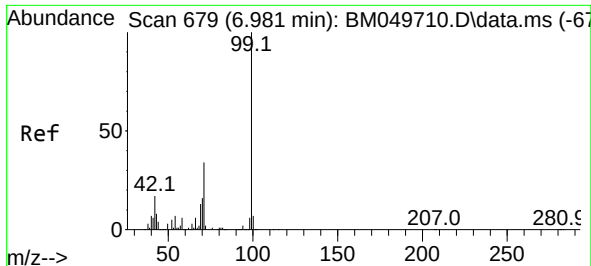
Tgt Ion:152 Resp: 311785
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.8
115 52.3 43.0 64.6



#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



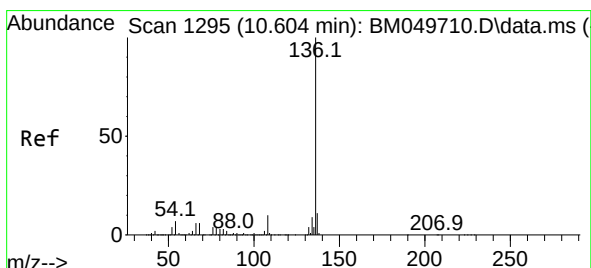
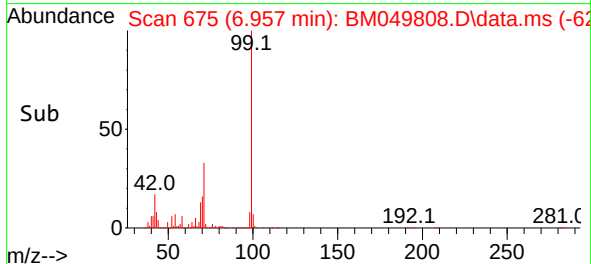
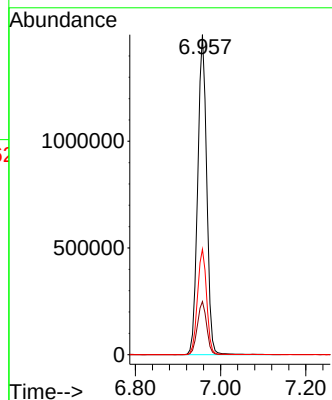
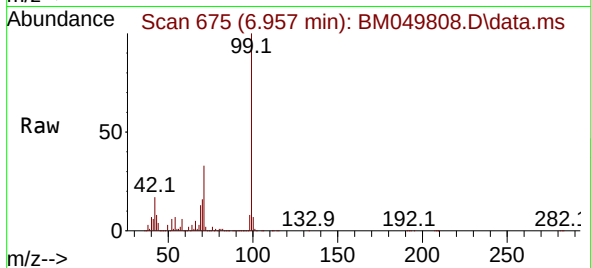


#7
Phenol-d6
Concen: 94.712 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

Tgt Ion: 99 Resp: 2196277

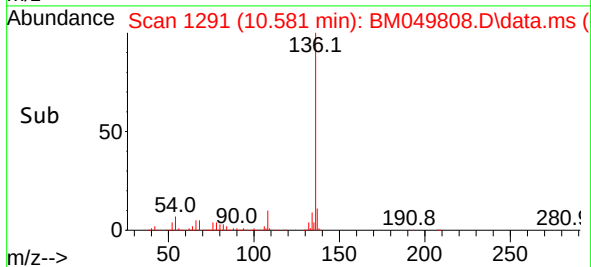
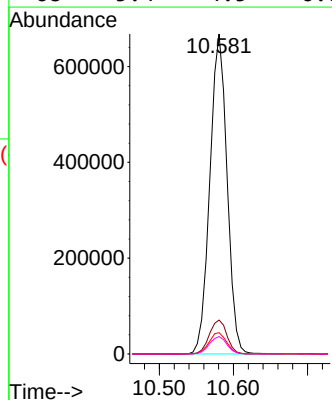
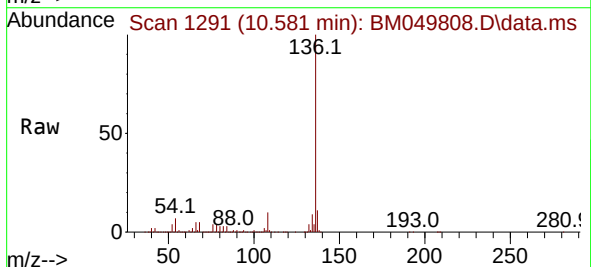
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	33.0	27.0	40.6

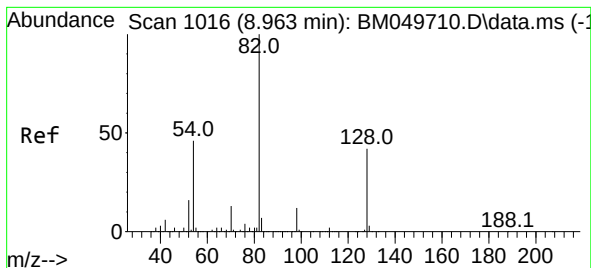


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

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

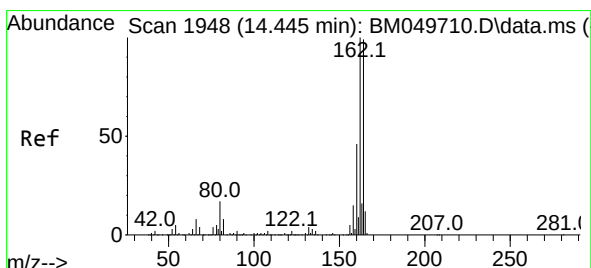
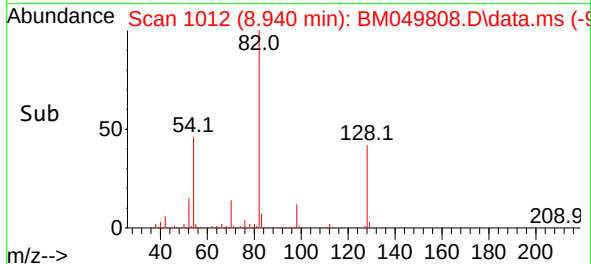
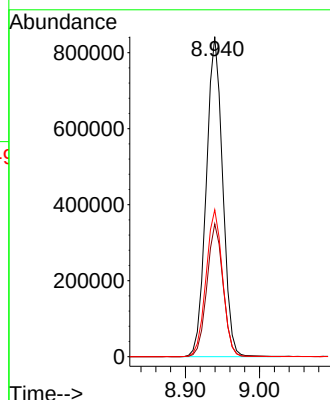
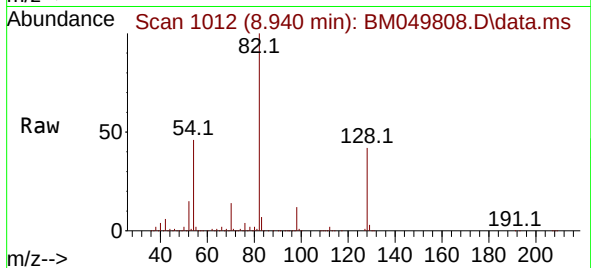
Tgt Ion: 82 Resp: 1294573

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

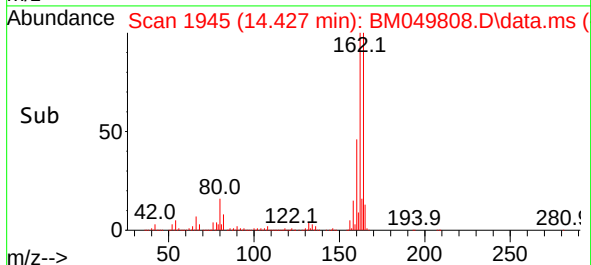
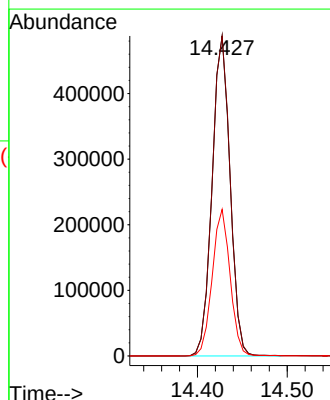
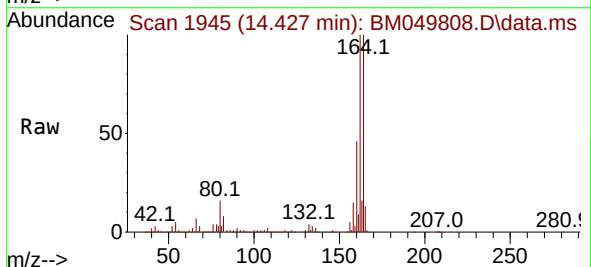
Tgt Ion: 164 Resp: 677807

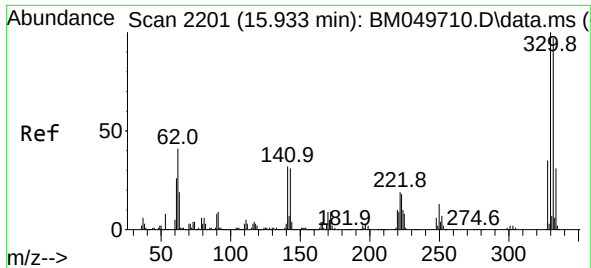
Ion Ratio Lower Upper

164 100

162 99.9 80.5 120.7

160 45.8 36.9 55.3

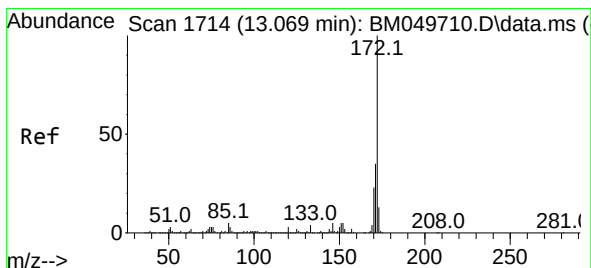
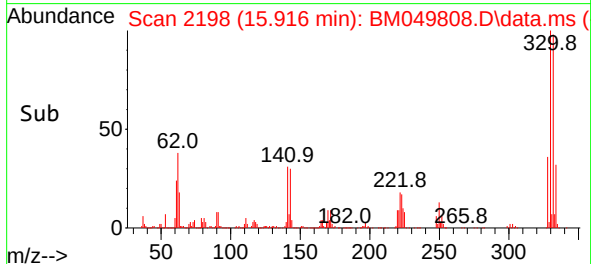
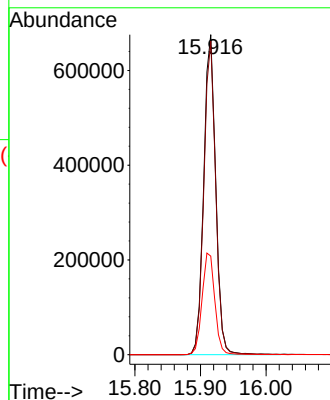
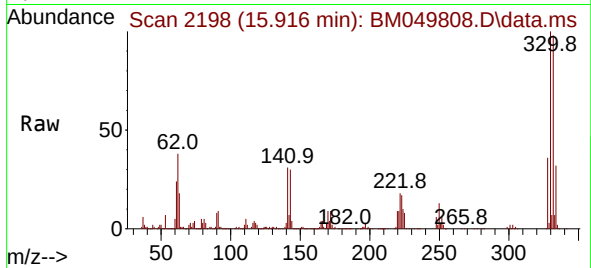




#42
2,4,6-Tribromophenol
Concen: 108.967 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

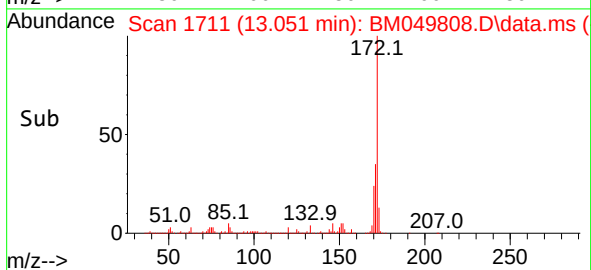
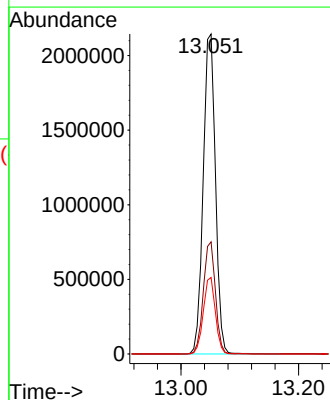
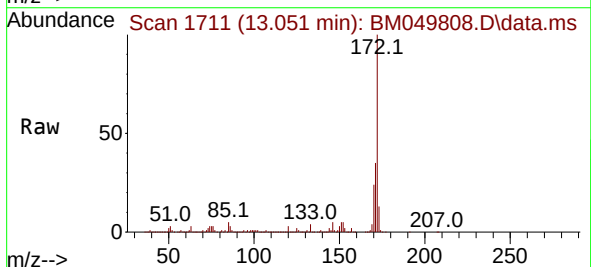
Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

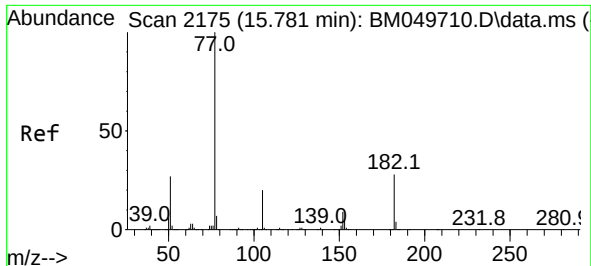
Tgt Ion:330 Resp: 862446
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.7 27.8 41.6



#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



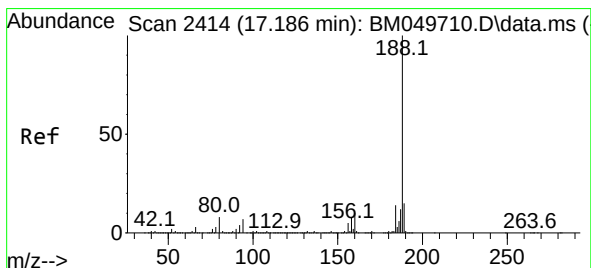
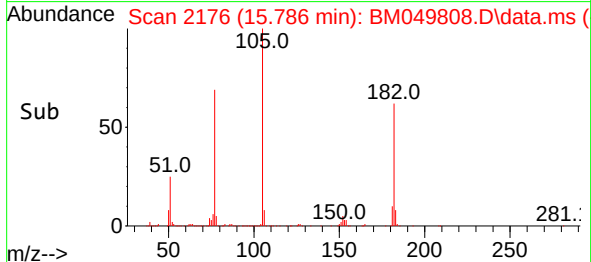
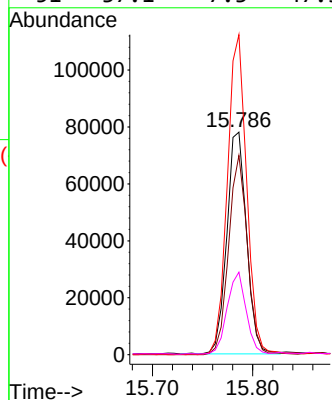
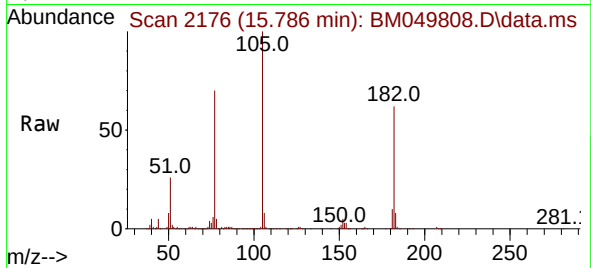


#63
Azobenzene
Concen: 2.534 ng
RT: 15.786 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

Tgt Ion: 77 Resp: 106383

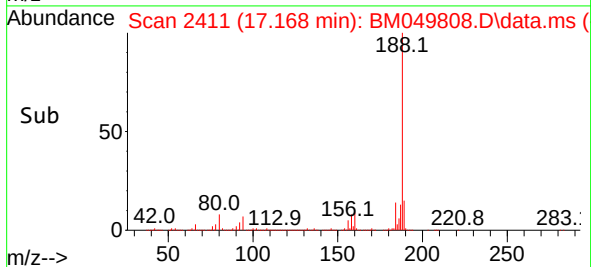
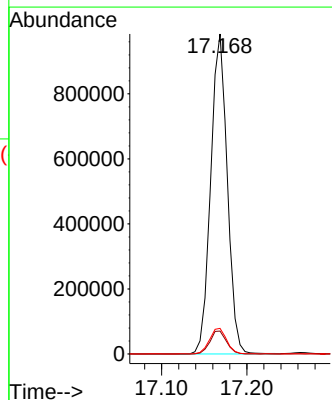
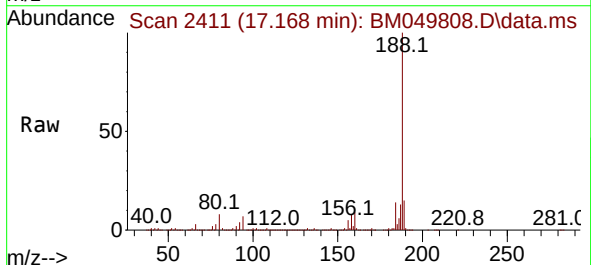
Ion	Ratio	Lower	Upper
77	100		
182	89.5	8.0	48.0#
105	143.8	0.0	40.0#
51	37.1	7.3	47.3

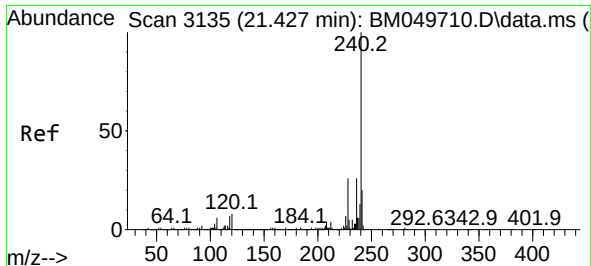


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

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

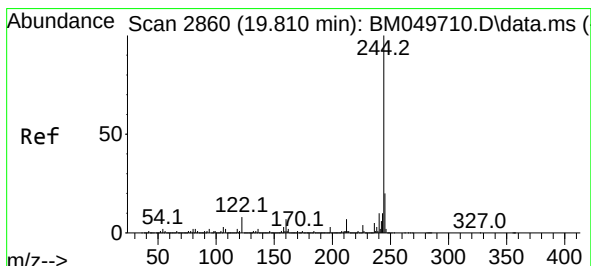
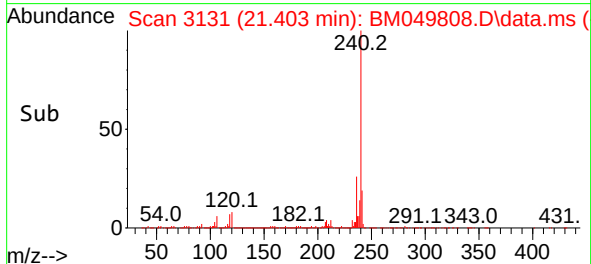
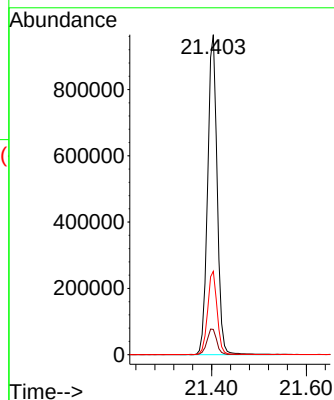
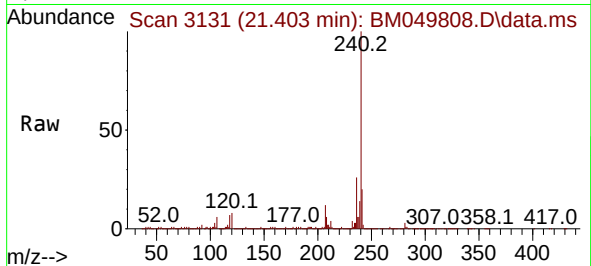




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

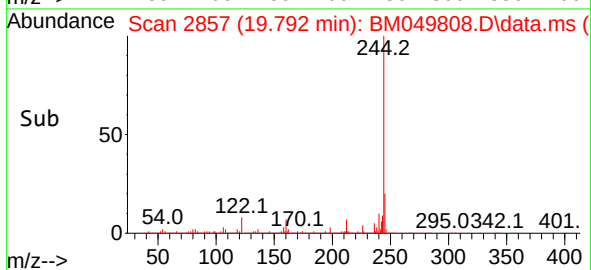
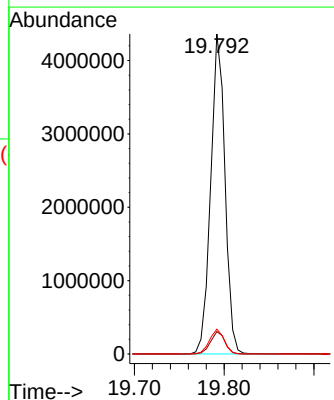
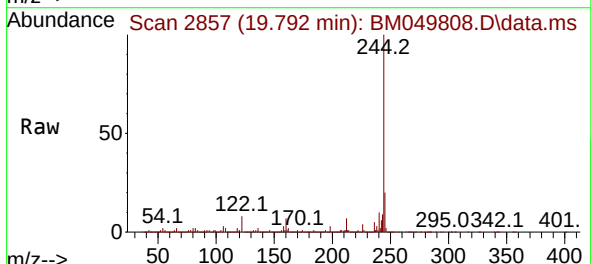
Instrument :
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ClientSampleId :
WCS-TP-1

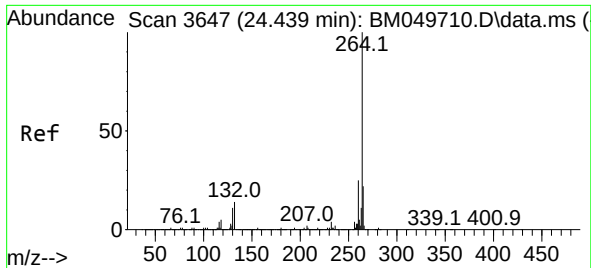
Tgt Ion:240 Resp: 1340429
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 60.500 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.018 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

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# 30
Delta R.T. -0.035 min
Lab File: BM049808.D
Acq: 03 Apr 2025 16:35

Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

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

