

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049860.D
 Acq On : 09 Apr 2025 09:48
 Operator : RC/JU
 Sample : PB167521BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167521BL

Quant Time: Apr 09 11:50:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

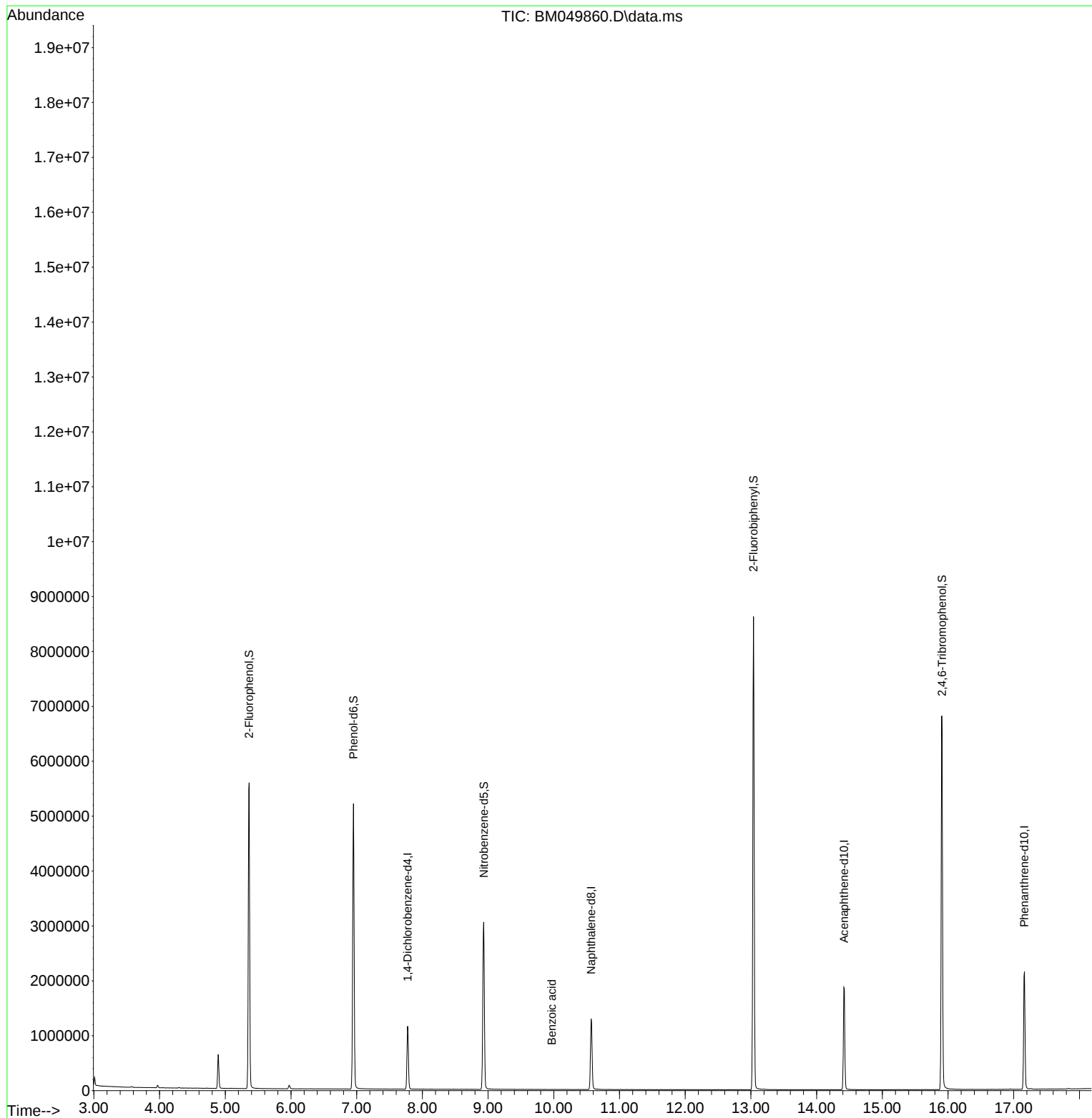
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	332281	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1132683	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	701970	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1345526	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1270012	20.000	ng	0.00
86) Perylene-d12	24.391	264	1381061	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2512705	128.408	ng	0.00
7) Phenol-d6	6.951	99	3032771	124.568	ng	0.00
23) Nitrobenzene-d5	8.934	82	1795986	88.295	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1393023	136.432	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4615951	89.167	ng	0.00
79) Terphenyl-d14	19.786	244	7348045	108.429	ng	0.00
Target Compounds						
32) Benzoic acid	9.969	122	55	8.541	ng	Qvalue # 5

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

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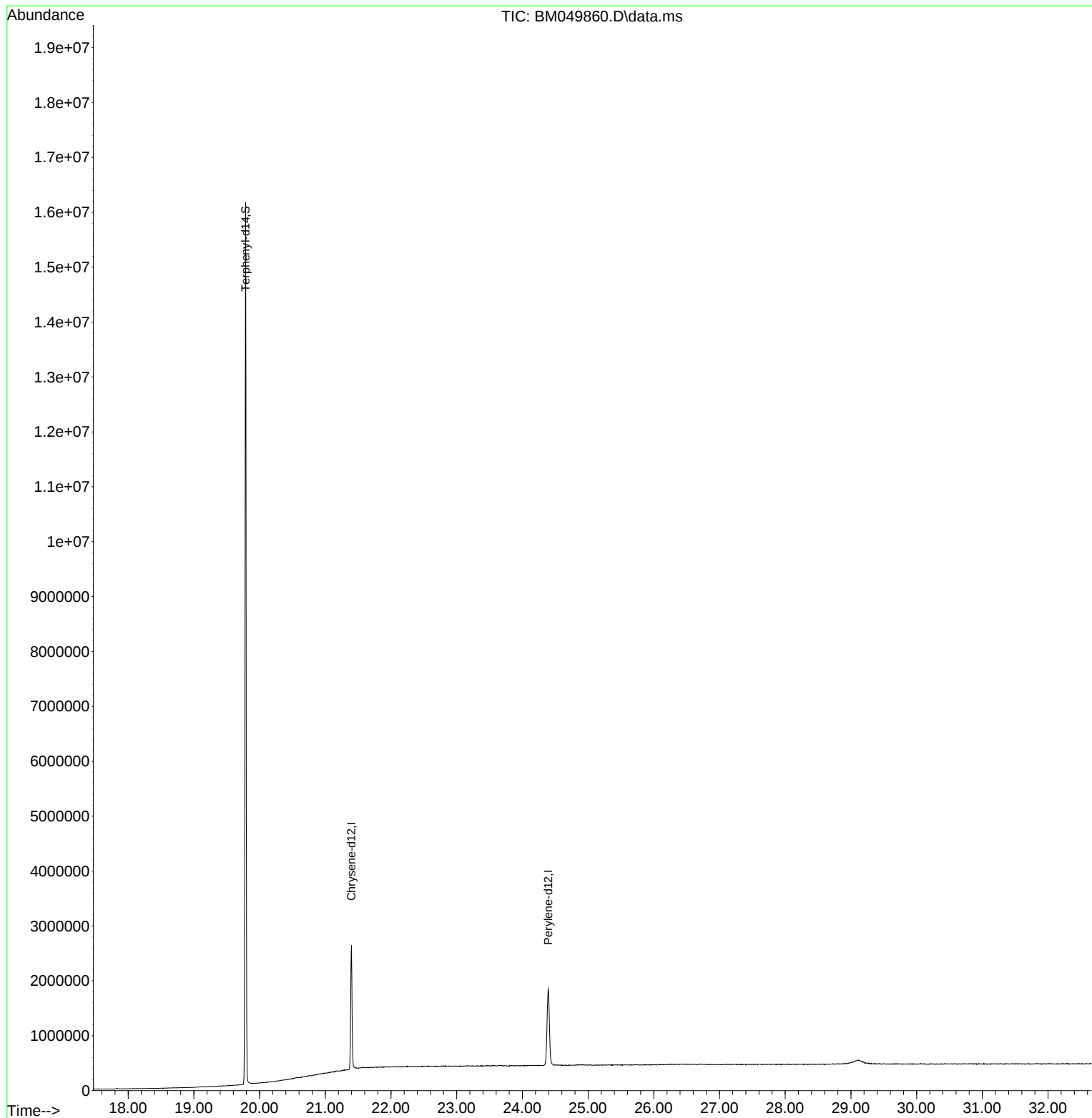
Quant Time: Apr 09 11:50:22 2025
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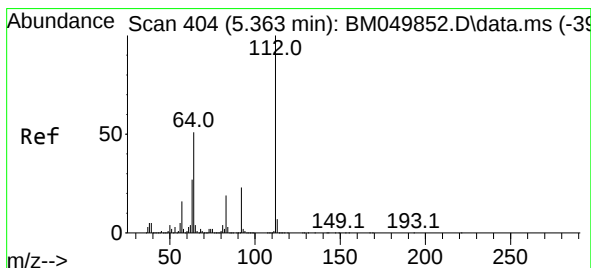
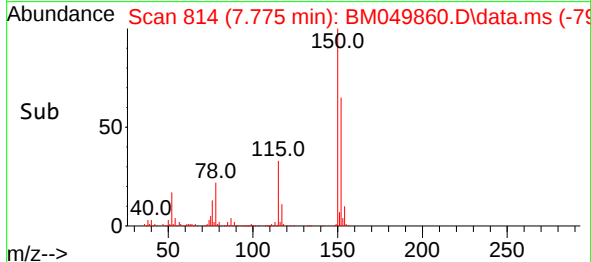
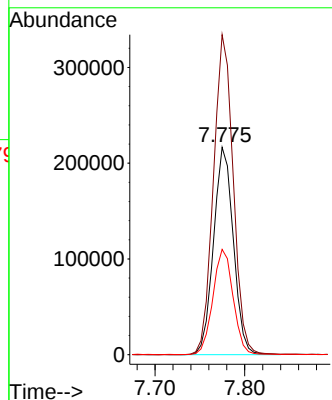
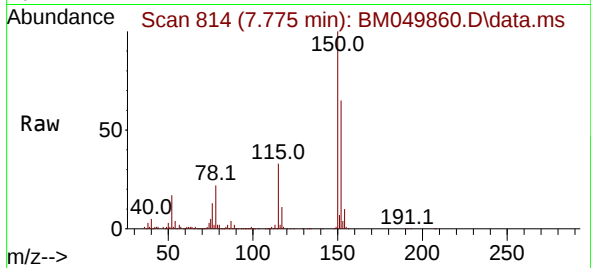




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

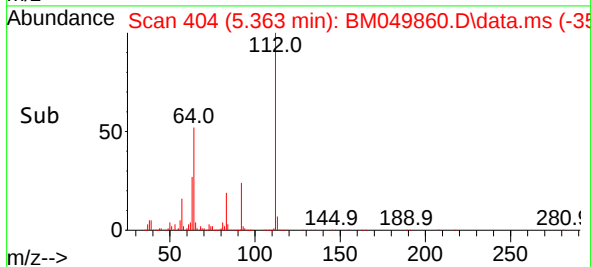
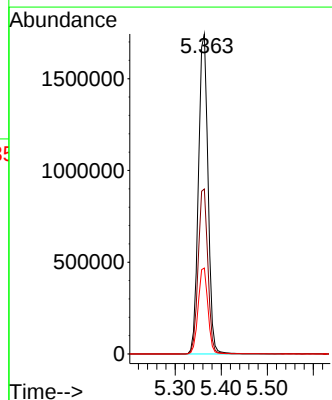
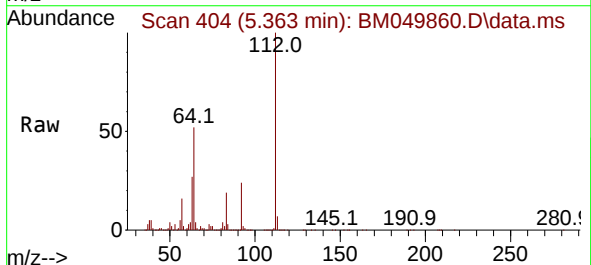
Instrument :
BNA_M
ClientSampleId :
PB167521BL

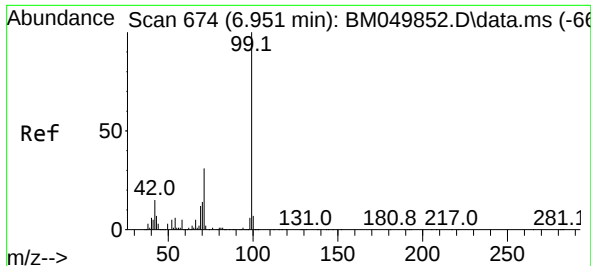
Tgt Ion:152 Resp: 332281
Ion Ratio Lower Upper
152 100
150 154.3 124.3 186.5
115 50.8 41.1 61.7



#5
2-Fluorophenol
Concen: 128.408 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:112 Resp: 2512705
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.9 21.5 32.3



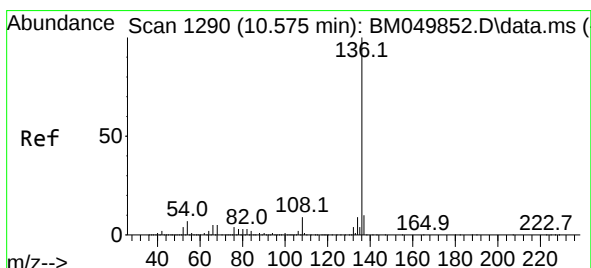
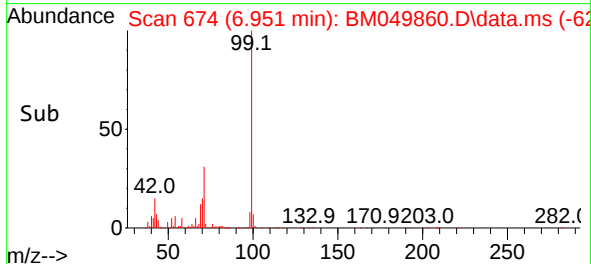
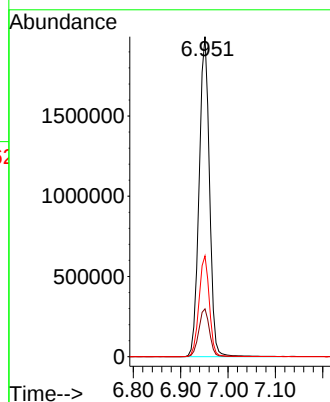
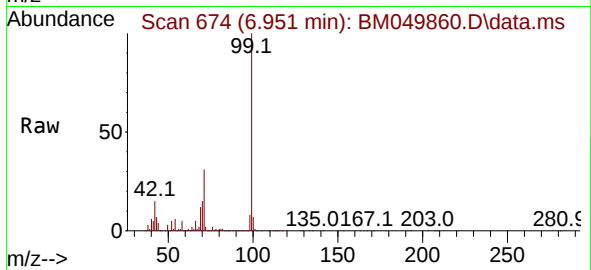


#7
Phenol-d6
Concen: 124.568 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion: 99 Resp: 3032771

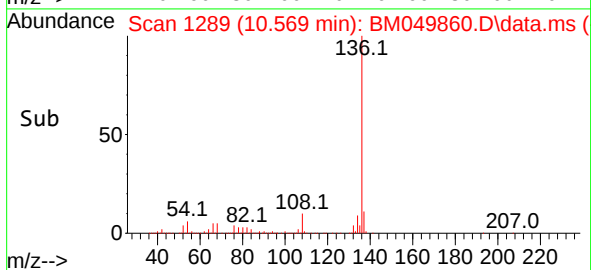
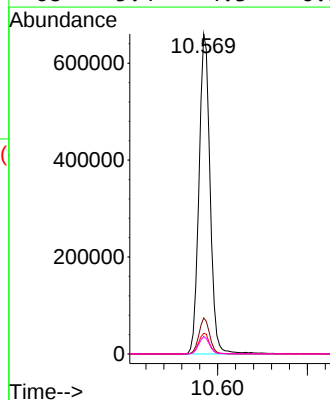
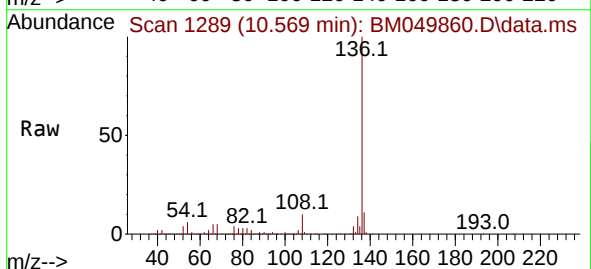
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.1	18.1
71	31.5	24.9	37.3

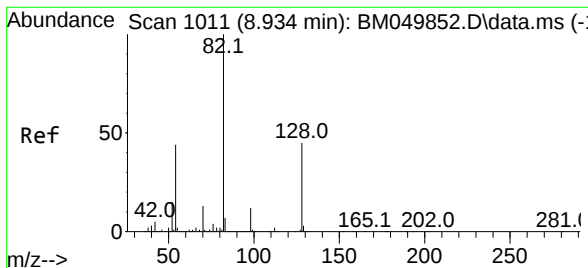


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion: 136 Resp: 1132683

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.4	5.3	7.9
68	5.4	4.3	6.5

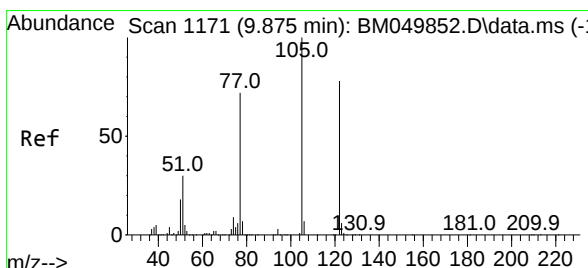
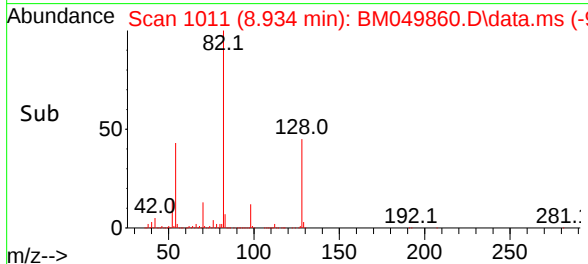
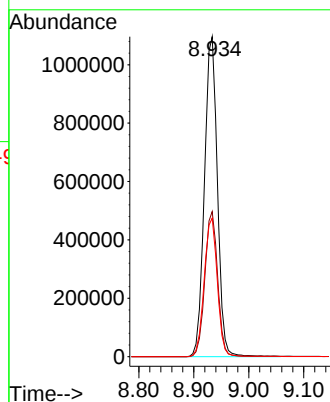
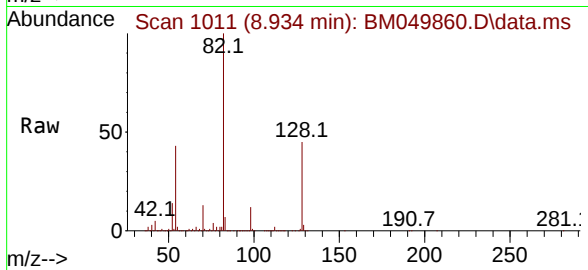




#23
Nitrobenzene-d5
Concen: 88.295 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

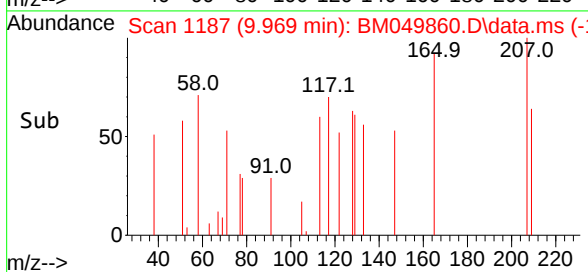
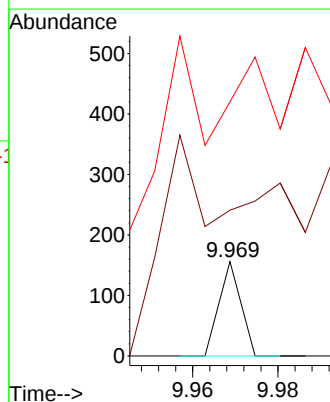
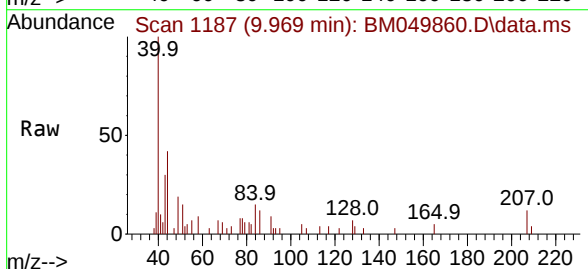
Instrument :
BNA_M
ClientSampleId :
PB167521BL

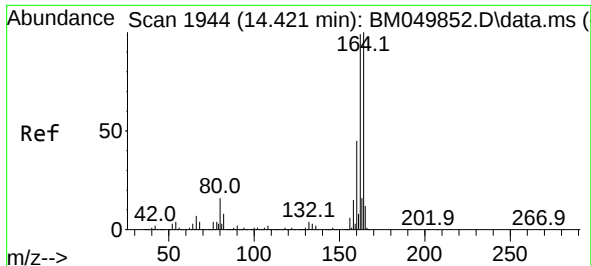
Tgt Ion: 82 Resp: 1795986
Ion Ratio Lower Upper
82 100
128 45.4 36.2 54.2
54 43.3 35.0 52.6



#32
Benzoic acid
Concen: 8.541 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.094 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 154.5 103.8 143.8#
77 269.2 70.7 110.7#

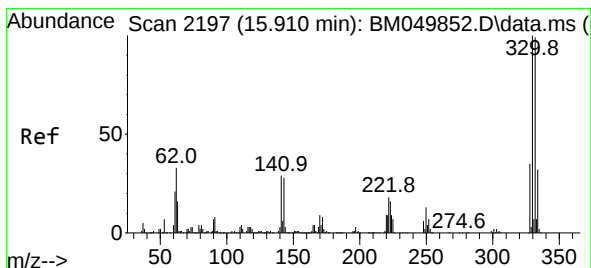
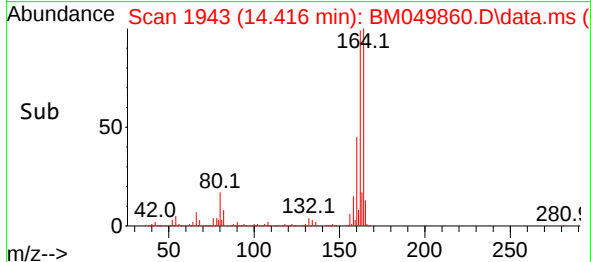
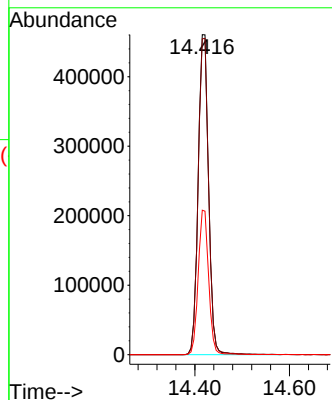
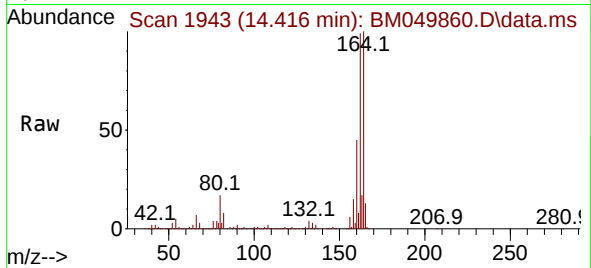




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

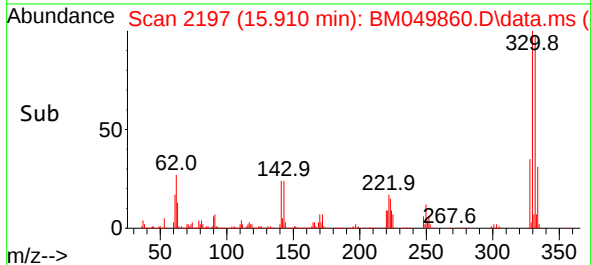
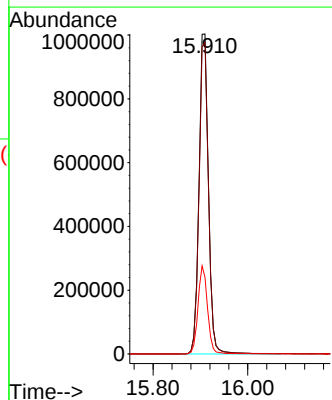
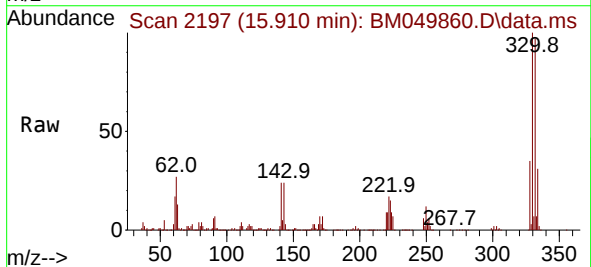
Instrument :
BNA_M
ClientSampleId :
PB167521BL

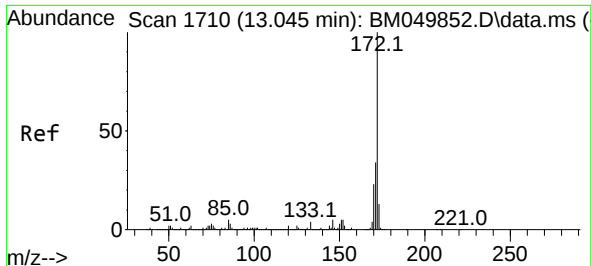
Tgt Ion:164 Resp: 701970
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 45.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 136.432 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:330 Resp: 1393023
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 27.8 23.5 35.3

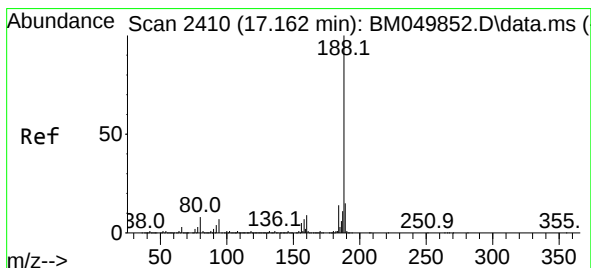
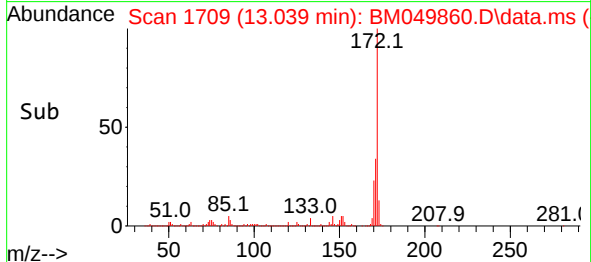
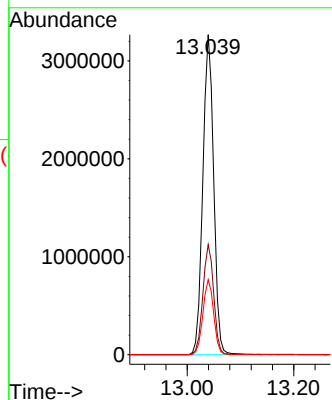
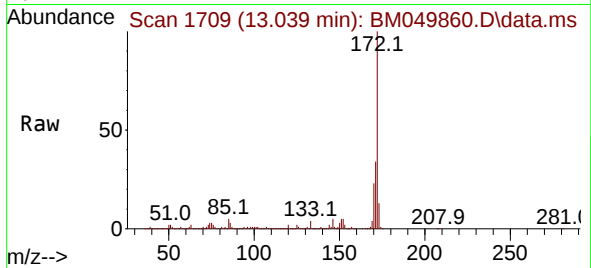




#45
2-Fluorobiphenyl
Concen: 89.167 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

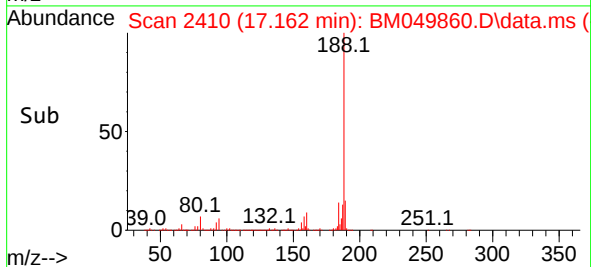
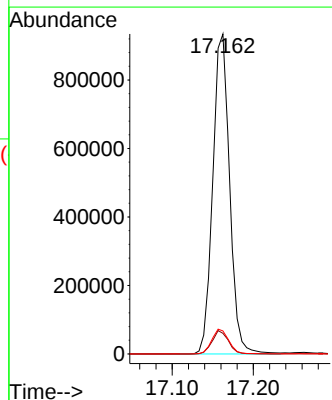
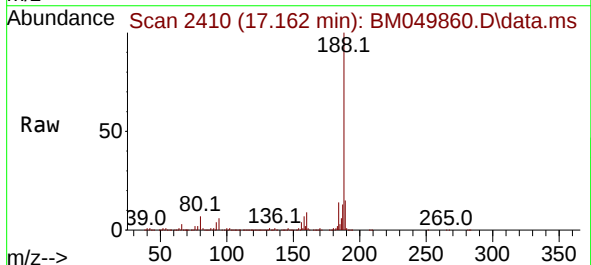
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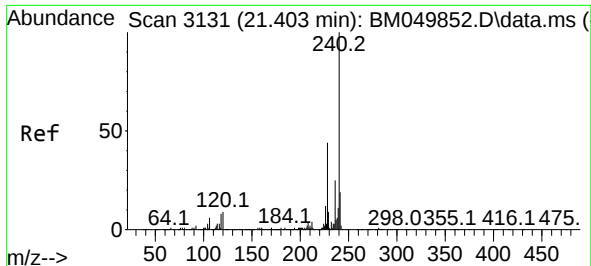
Tgt Ion:172 Resp: 4615951
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.2
170 23.4 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:188 Resp: 1345526
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 7.2 6.4 9.6

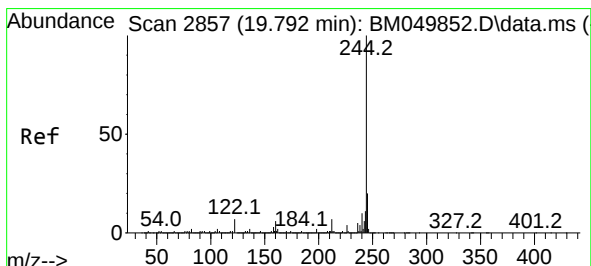
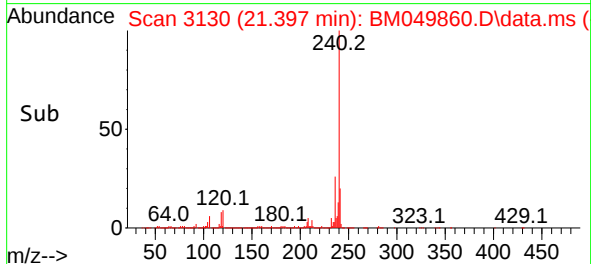
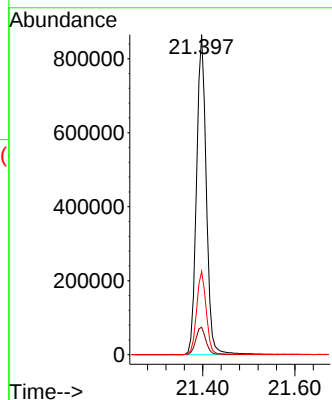
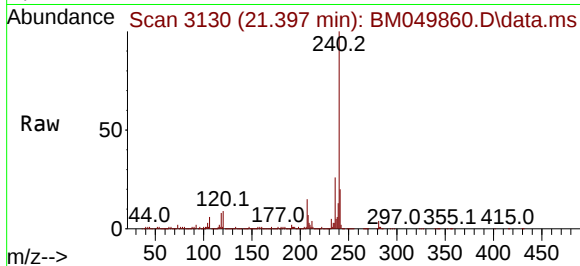




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

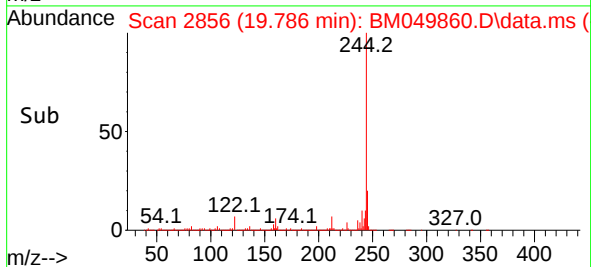
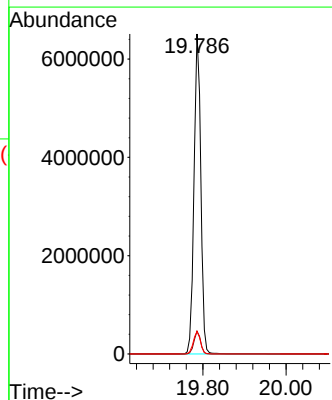
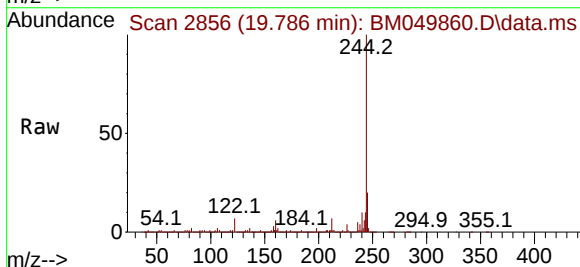
Instrument :
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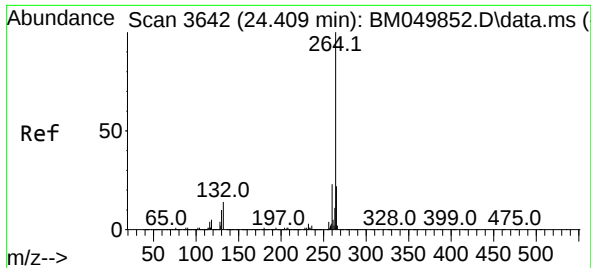
Tgt Ion:240 Resp: 1270012
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 108.429 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:244 Resp: 7348045
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 7.1 5.4 8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion:264 Resp: 1381061

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.8	26.8

