

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049802.D
 Acq On : 03 Apr 2025 12:35
 Operator : RC/JU
 Sample : PB167406BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167406BL

Quant Time: Apr 03 13:10:42 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	260774	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	854270	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	510097	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	999799	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	907927	20.000	ng	-0.02
86) Perylene-d12	24.403	264	957207	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2446439	158.296	ng	-0.02
7) Phenol-d6	6.957	99	2935734	151.365	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1719845	103.363	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1082610	181.756	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4186592	102.788	ng	-0.02
79) Terphenyl-d14	19.797	244	7147906	132.666	ng	-0.01

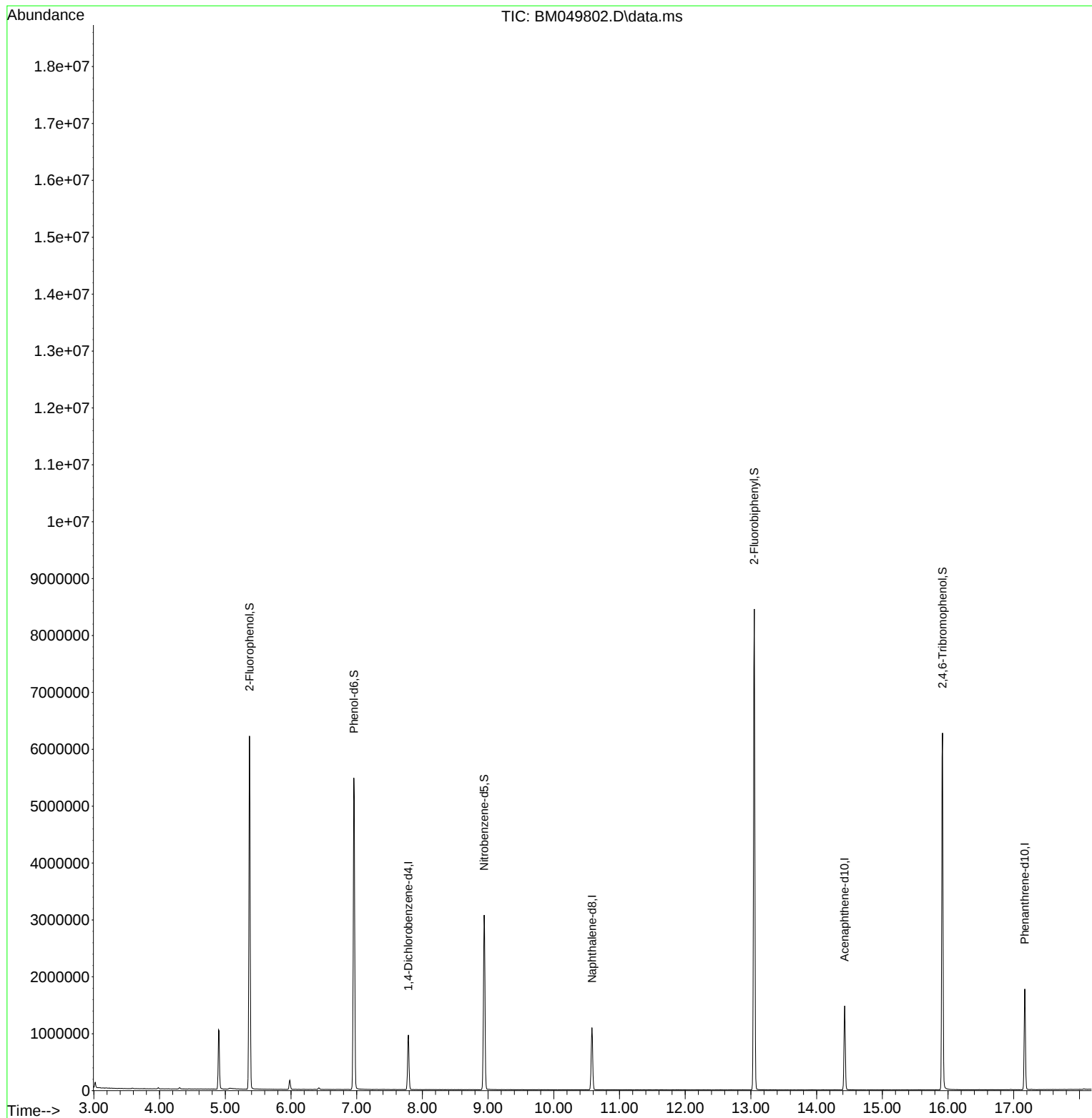
Target Compounds	Qvalue

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

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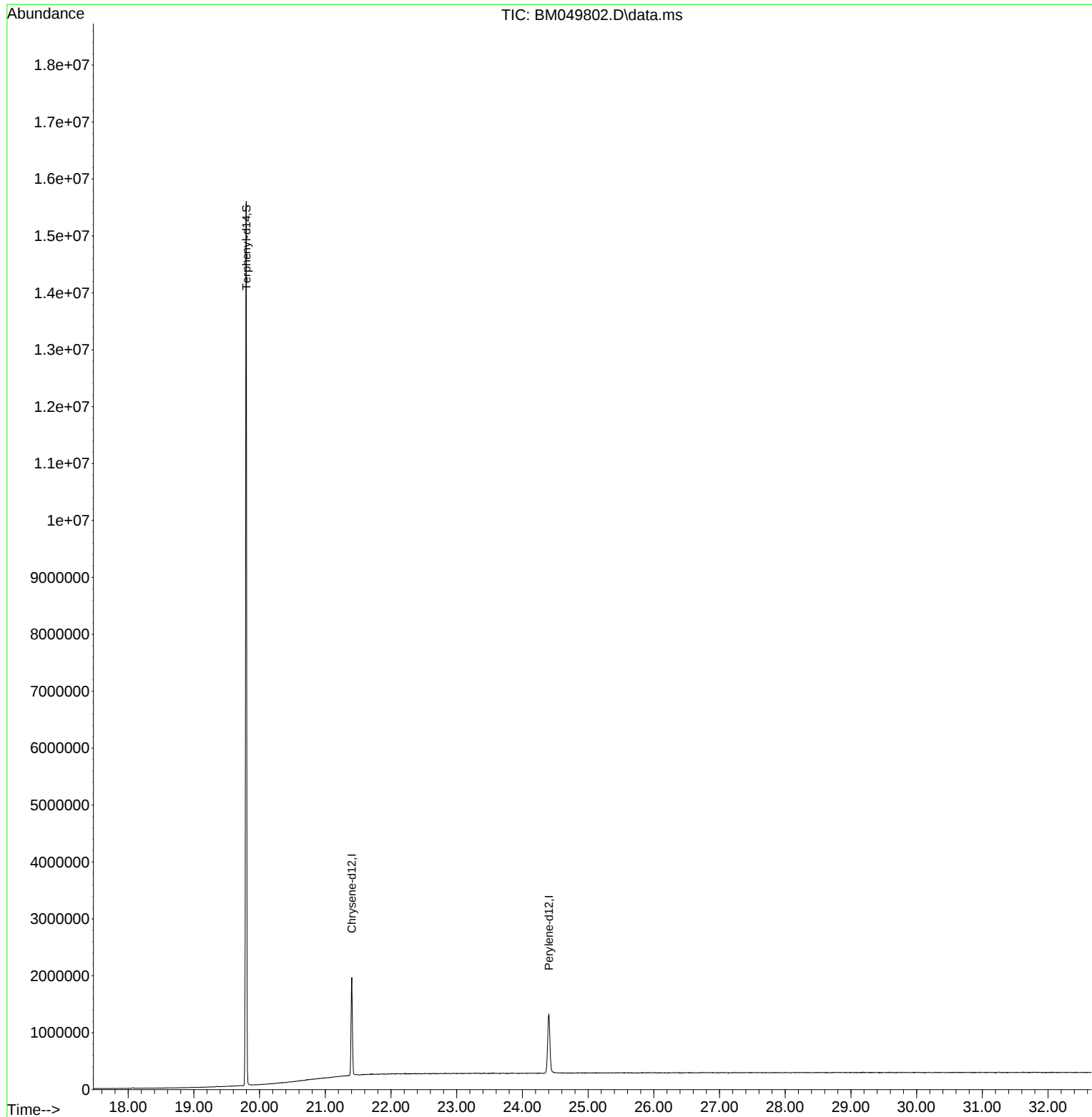
Quant Time: Apr 03 13:10:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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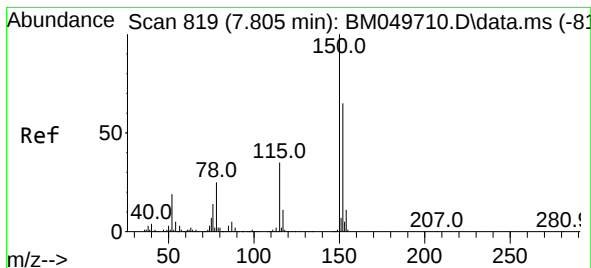


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QLast Update : Thu Mar 13 14:55:34 2025
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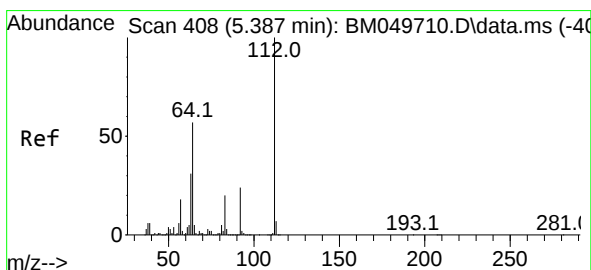
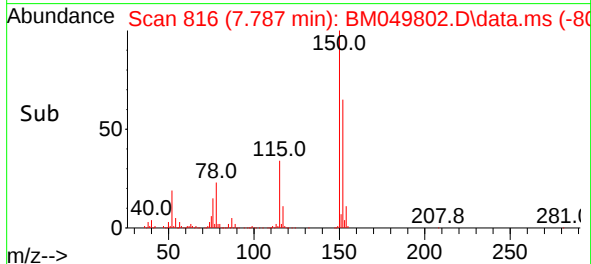
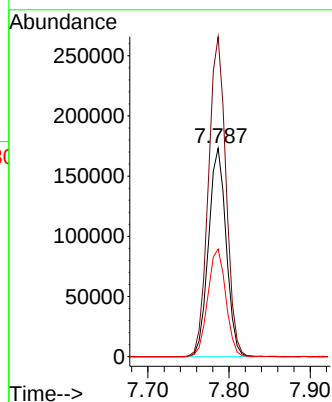
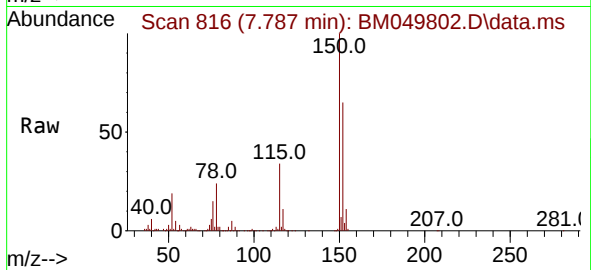




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049802.D
 Acq: 03 Apr 2025 12:35

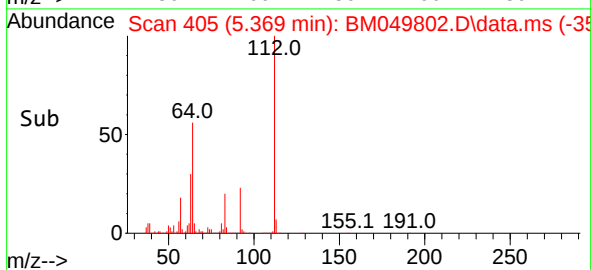
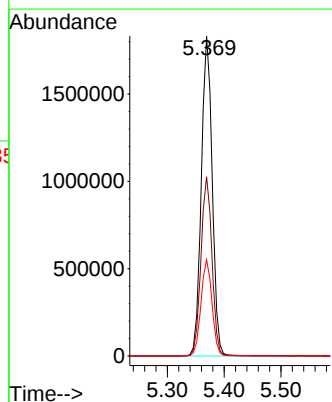
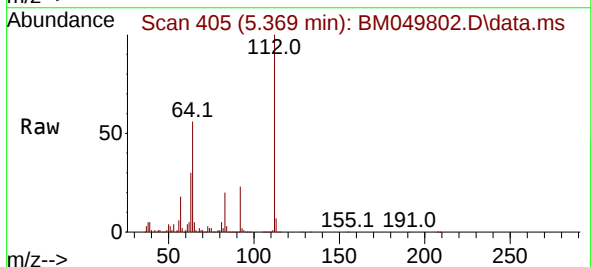
Instrument :
 BNA_M
 ClientSampleId :
 PB167406BL

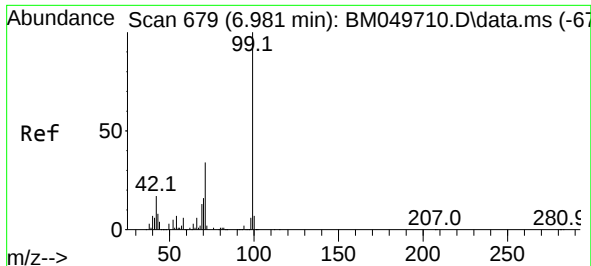
Tgt Ion:152 Resp: 260774
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.8
 115 51.6 43.0 64.6



#5
 2-Fluorophenol
 Concen: 158.296 ng
 RT: 5.369 min Scan# 405
 Delta R.T. -0.018 min
 Lab File: BM049802.D
 Acq: 03 Apr 2025 12:35

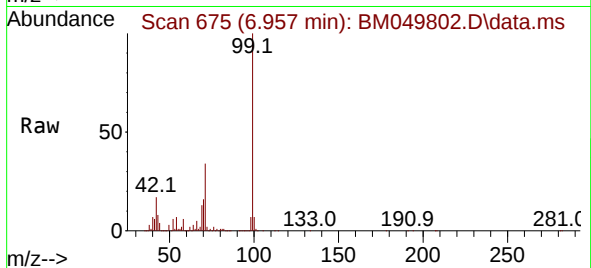
Tgt Ion:112 Resp: 2446439
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.3 67.9
 63 30.1 24.4 36.6





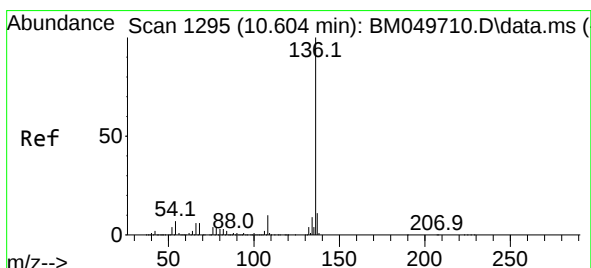
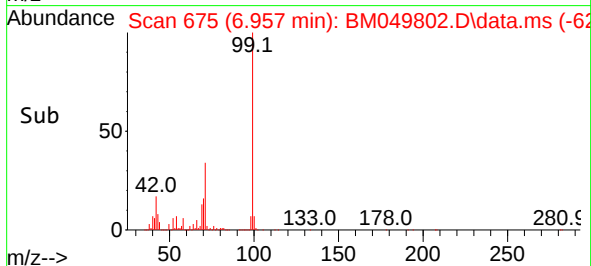
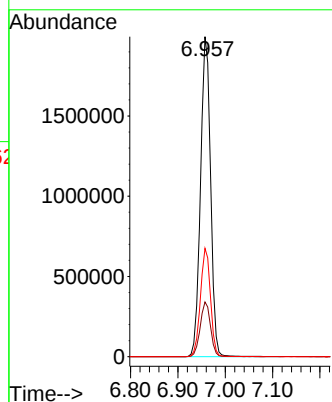
#7
Phenol-d6
Concen: 151.365 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

Instrument :
BNA_M
ClientSampleId :
PB167406BL



Tgt Ion: 99 Resp: 2935734

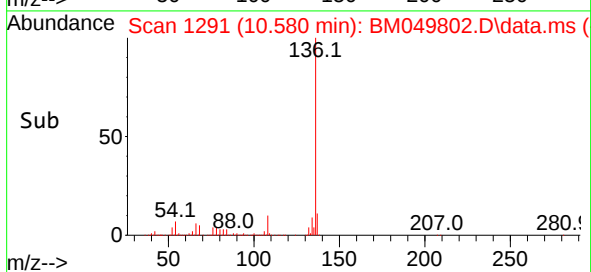
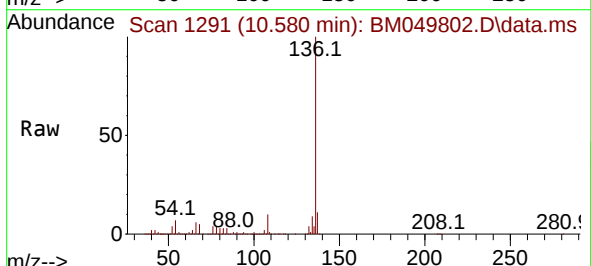
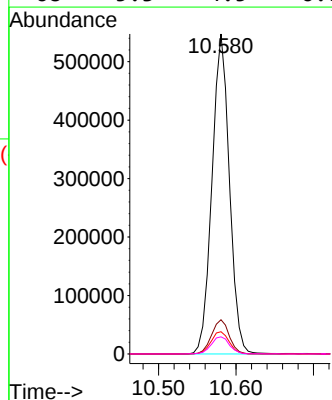
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	33.8	27.0	40.6

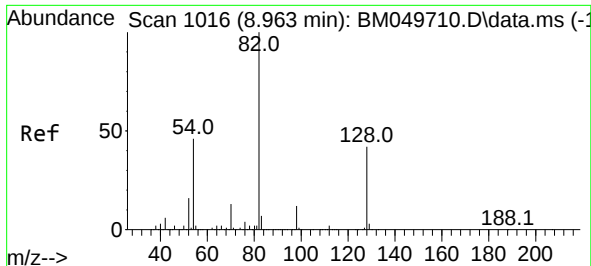


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

Tgt Ion: 136 Resp: 854270

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.9	5.8	8.8
68	5.3	4.5	6.7

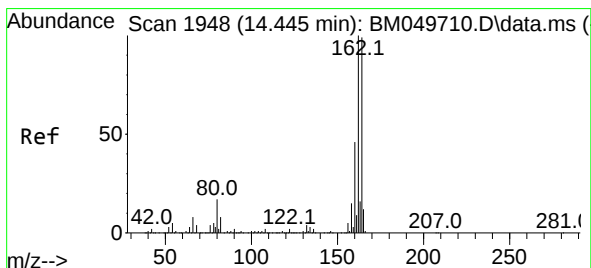
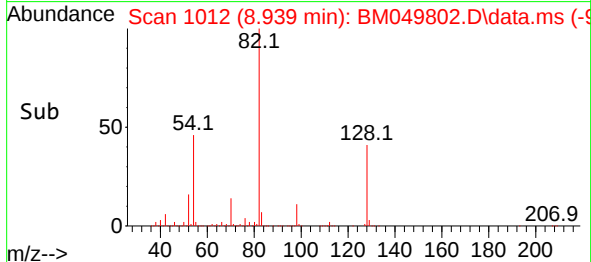
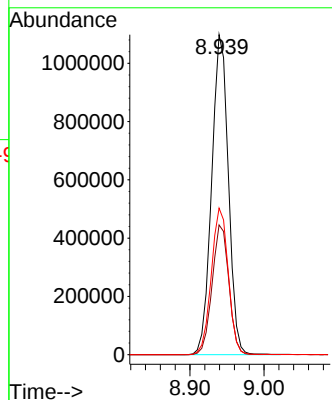
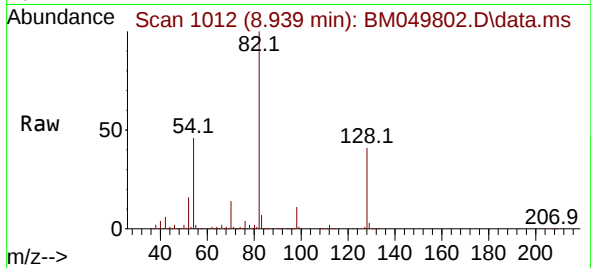




#23
Nitrobenzene-d5
Concen: 103.363 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

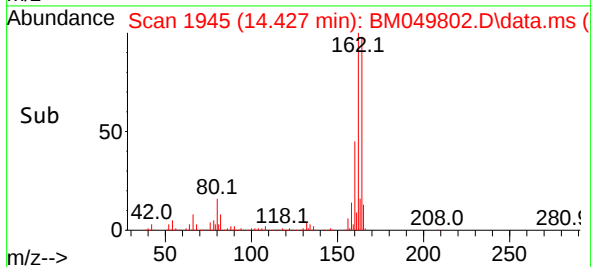
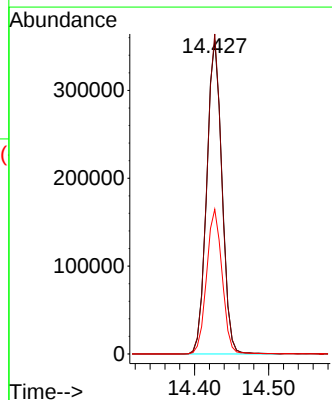
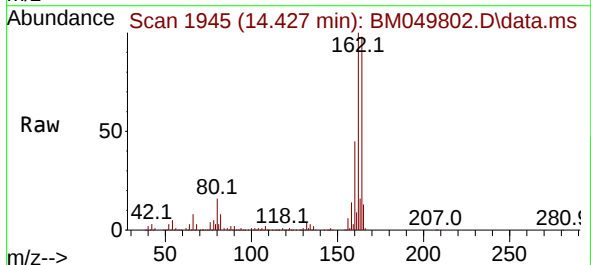
Instrument :
BNA_M
ClientSampleId :
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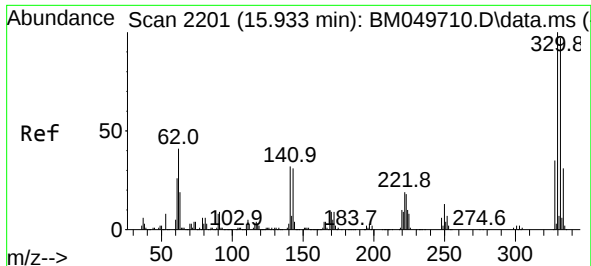
Tgt Ion: 82 Resp: 1719845
Ion Ratio Lower Upper
82 100
128 40.5 33.4 50.0
54 45.8 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

Tgt Ion:164 Resp: 510097
Ion Ratio Lower Upper
164 100
162 102.1 80.5 120.7
160 46.2 36.9 55.3

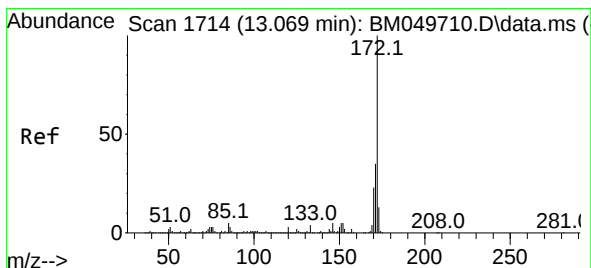
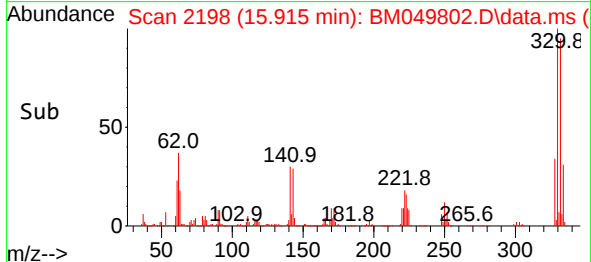
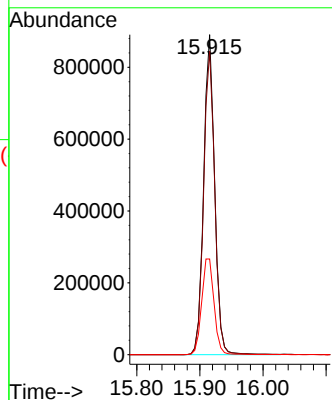
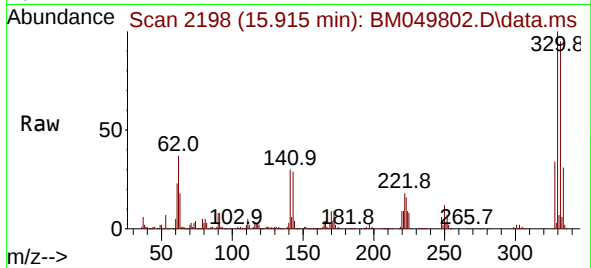




#42
2,4,6-Tribromophenol
Concen: 181.756 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

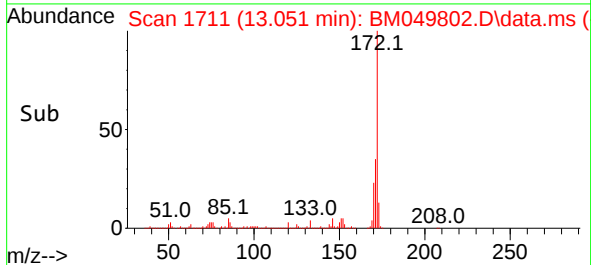
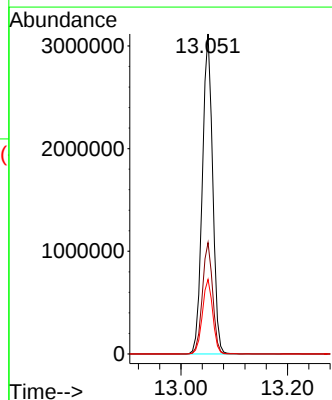
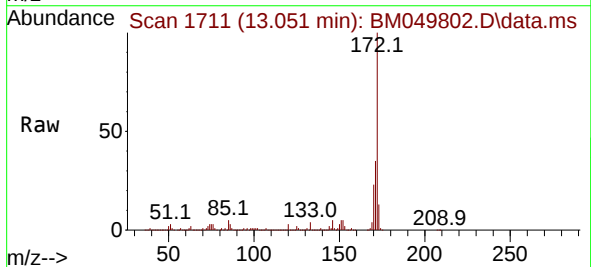
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ClientSampleId :
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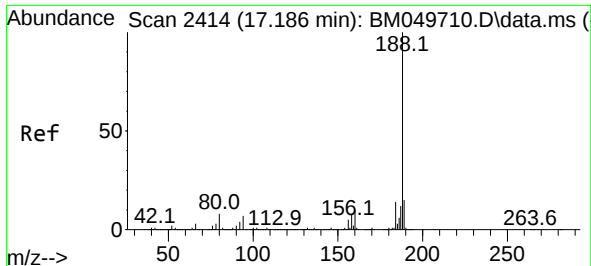
Tgt Ion:330 Resp: 1082610
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.7 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 102.788 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

Tgt Ion:172 Resp: 4186592
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.3 18.6 28.0

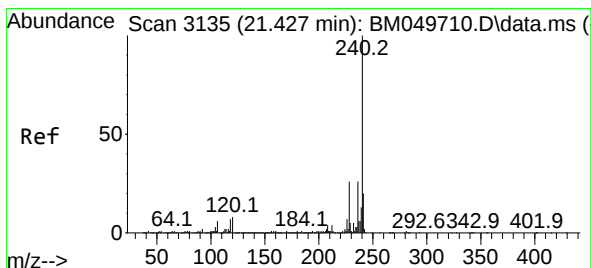
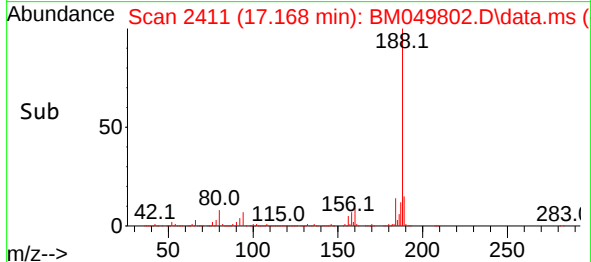
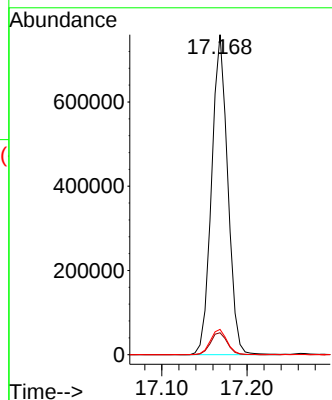
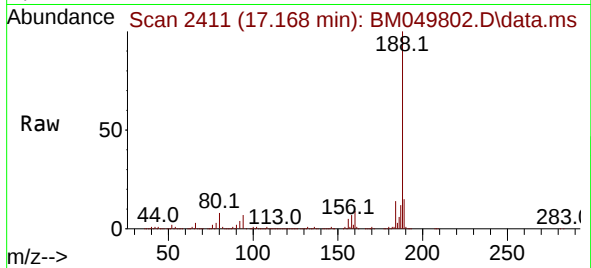




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

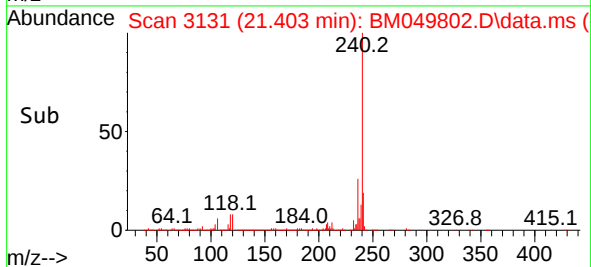
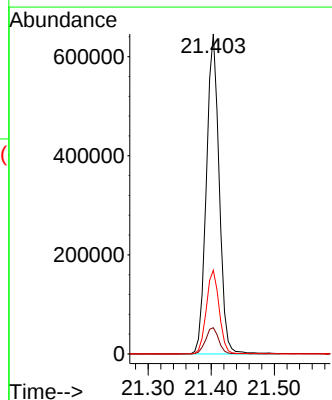
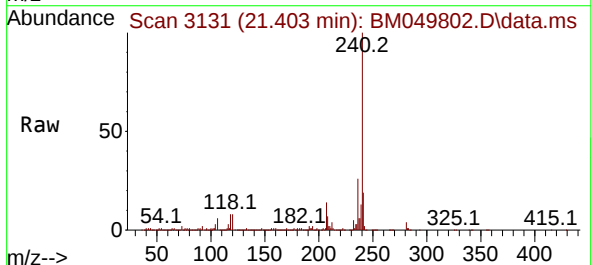
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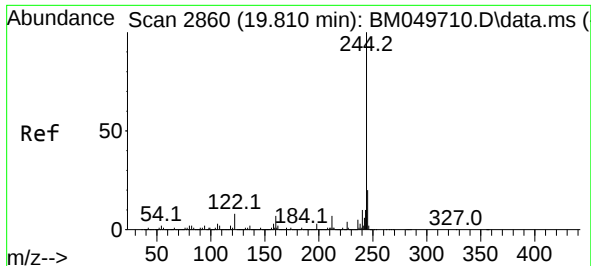
Tgt Ion:188 Resp: 999799
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.9 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

Tgt Ion:240 Resp: 907927
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.2 20.7 31.1

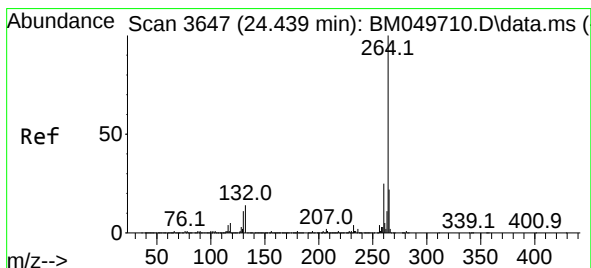
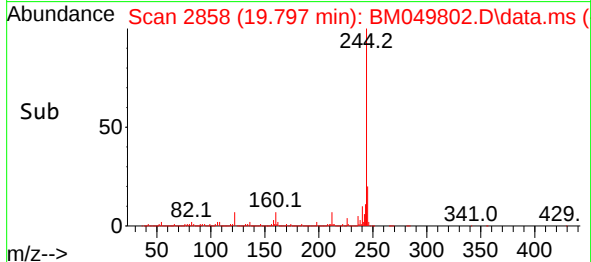
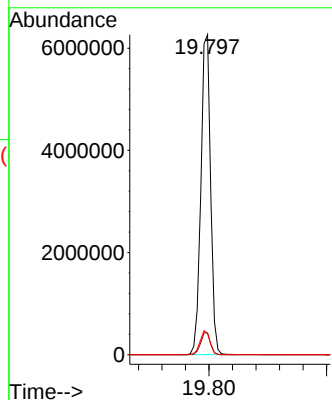
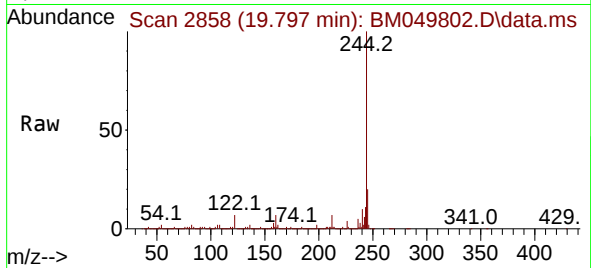




#79
Terphenyl-d14
Concen: 132.666 ng
RT: 19.797 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049802.D
Acq: 03 Apr 2025 12:35

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion:244 Resp: 7147906
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 6.7 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: BM049802.D
Acq: 03 Apr 2025 12:35

Tgt Ion:264 Resp: 957207
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.0 18.2 27.2

