

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049901.D
 Acq On : 11 Apr 2025 14:57
 Operator : RC/JU
 Sample : Q1753-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2

Quant Time: Apr 11 15:35:21 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)

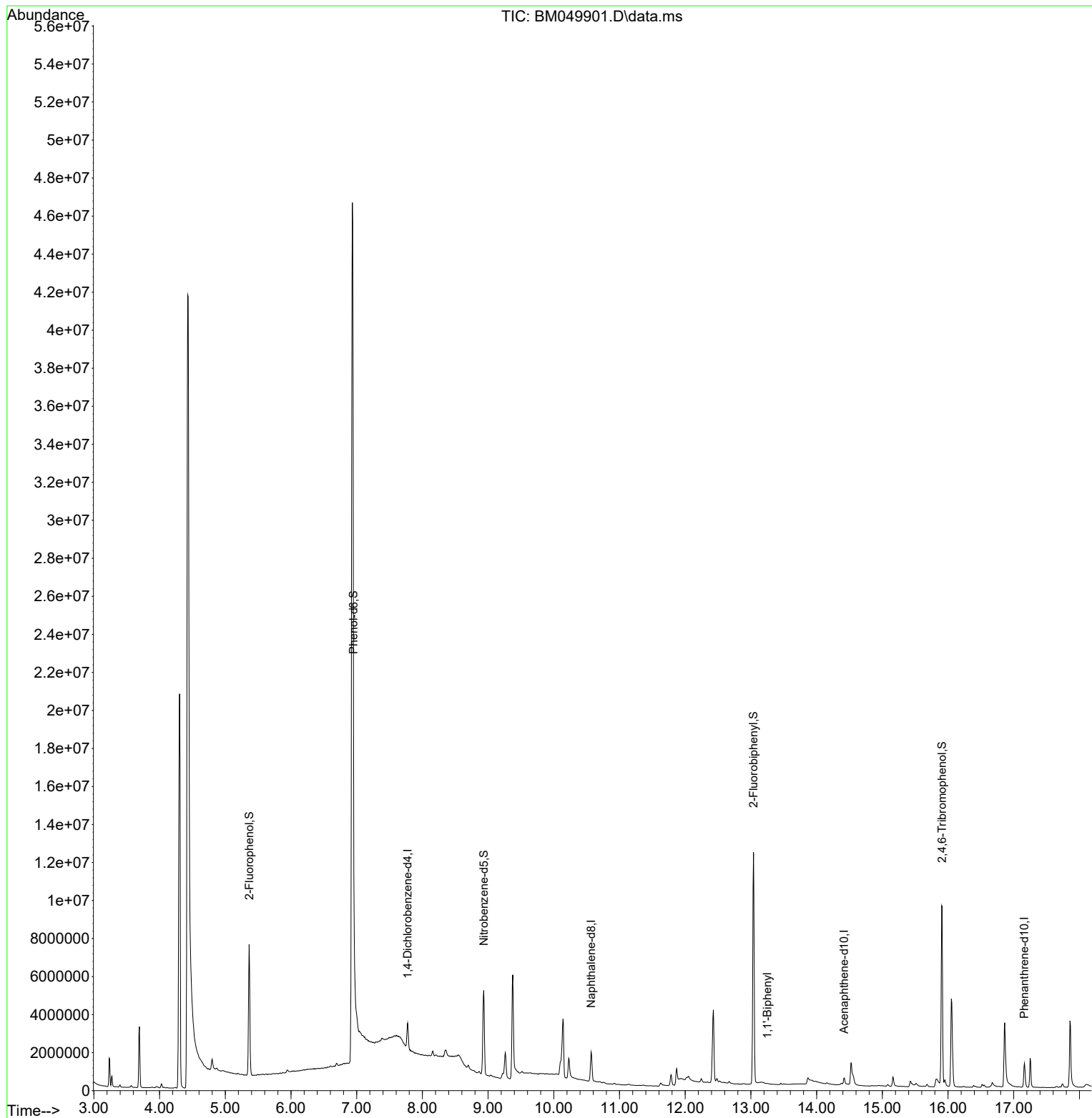
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	378429	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1169151	20.000	ng	# 0.00
39) Acenaphthene-d10	14.416	164	68395	20.000	ng	# 0.00
64) Phenanthrene-d10	17.163	188	521187	20.000	ng	0.00
76) Chrysene-d12	21.403	240	2630	20.000	ng	# 0.00
86) Perylene-d12	24.415	264	301	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2953160	132.513	ng	0.00
7) Phenol-d6	6.951	99	384070	13.852	ng	0.00
23) Nitrobenzene-d5	8.934	82	2546713	121.297	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1982601	1992.904	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	6645650	1317.578	ng	0.00
79) Terphenyl-d14	19.786	244	2165574	15431.153	ng	0.00
Target Compounds						
46) 1,1'-Biphenyl	13.251	154	13818	2.718	ng	Qvalue 92

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

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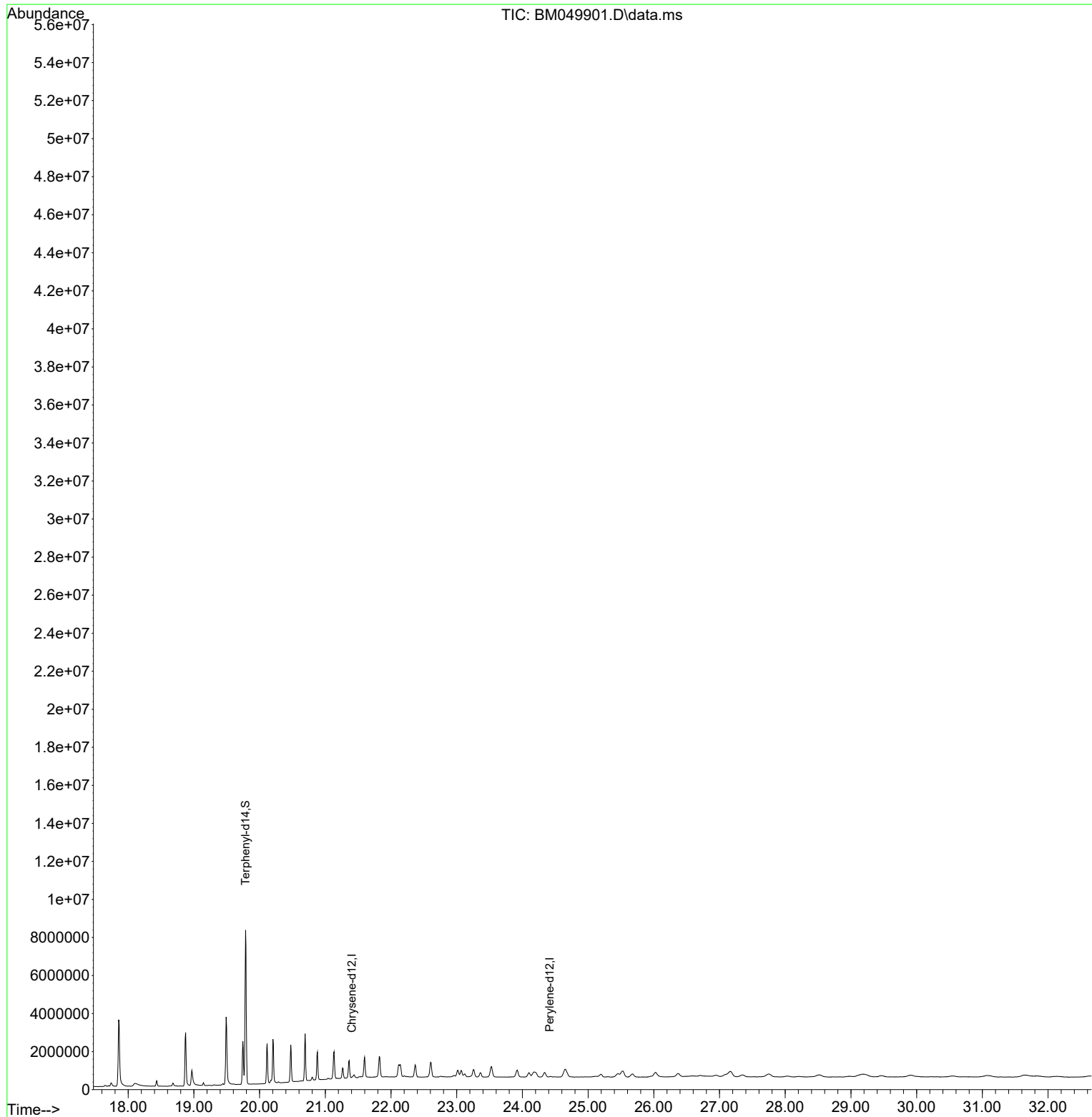
Quant Time: Apr 11 15:35:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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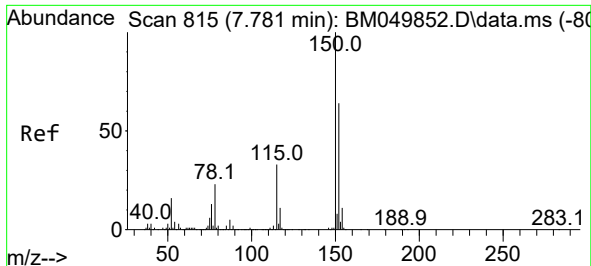


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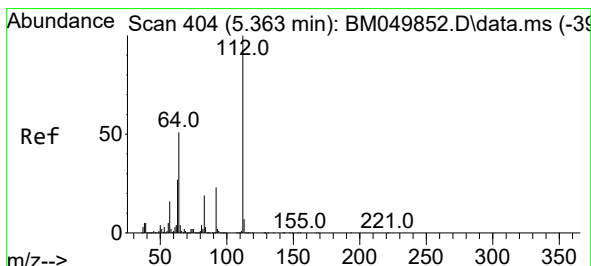
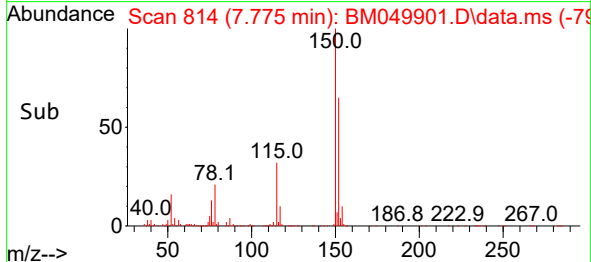
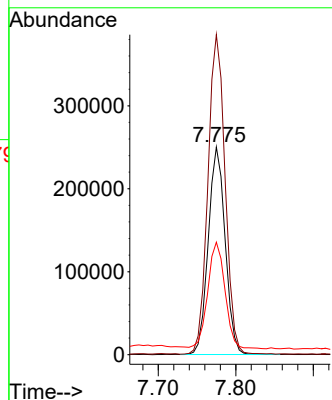
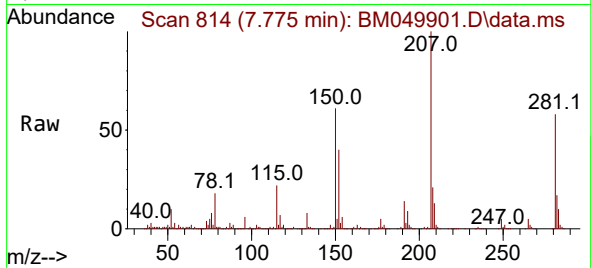




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

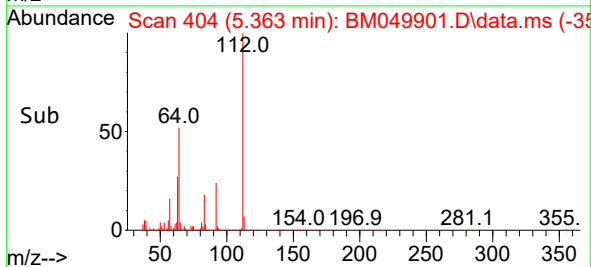
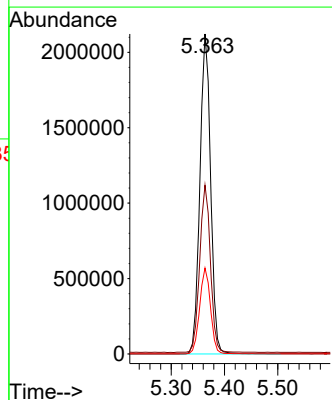
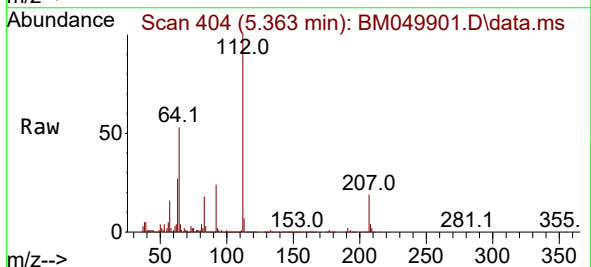
Instrument :
BNA_M
ClientSampleId :
WC-2

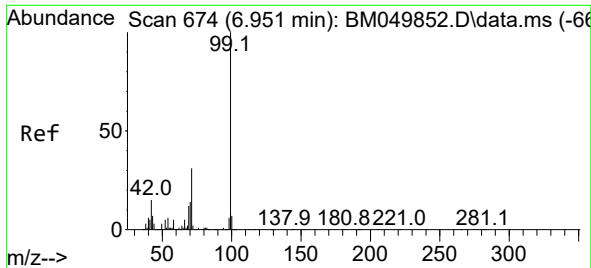
Tgt Ion:152 Resp: 378429
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 54.2 41.1 61.7



#5
2-Fluorophenol
Concen: 132.513 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Tgt Ion:112 Resp: 2953160
Ion Ratio Lower Upper
112 100
64 52.8 41.0 61.6
63 26.8 21.5 32.3

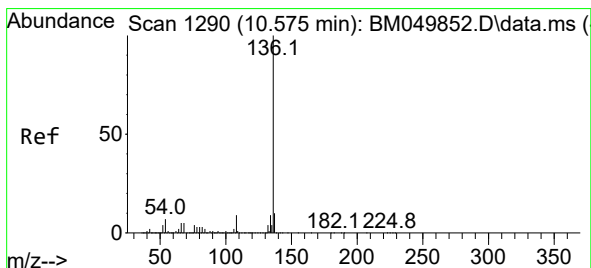
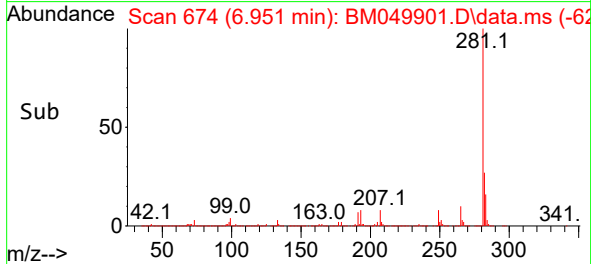
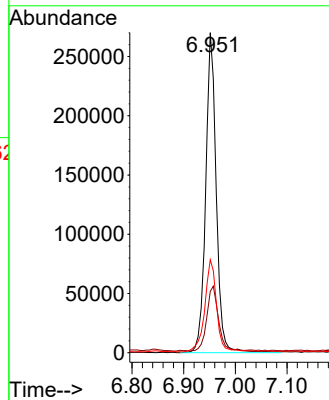
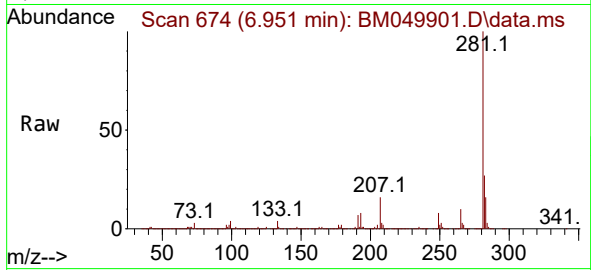




#7
Phenol-d6
Concen: 13.852 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

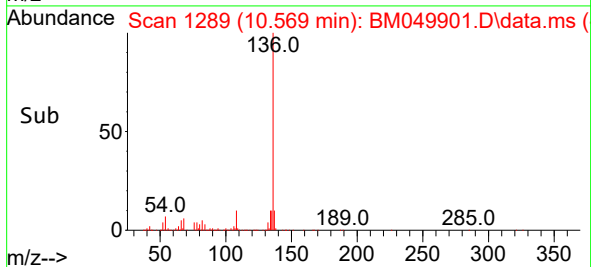
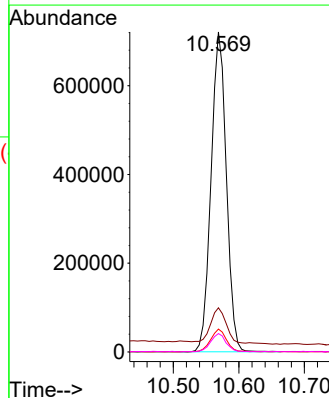
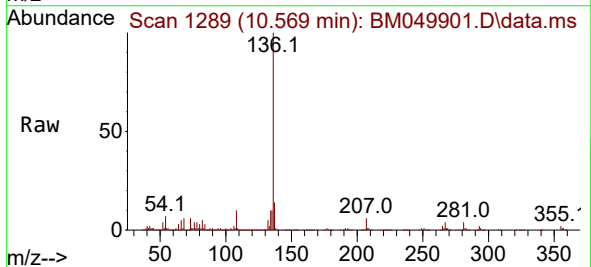
Instrument :
BNA_M
ClientSampleId :
WC-2

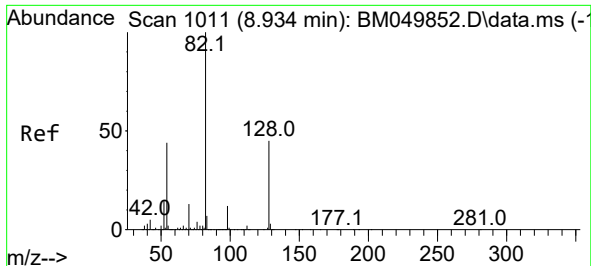
Tgt Ion: 99 Resp: 384070
Ion Ratio Lower Upper
99 100
42 19.2 12.1 18.1#
71 29.0 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Tgt Ion: 136 Resp: 1169151
Ion Ratio Lower Upper
136 100
137 13.8 8.4 12.6#
54 7.2 5.3 7.9
68 5.8 4.3 6.5



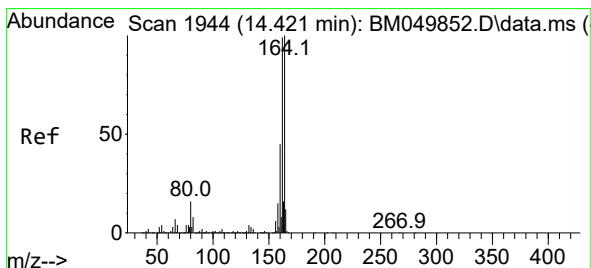
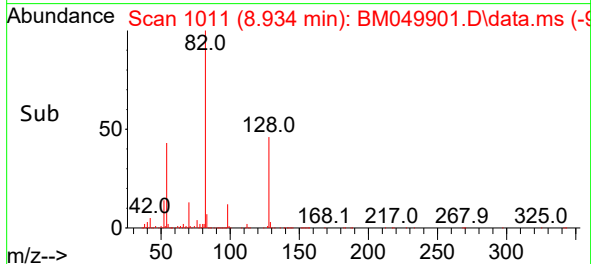
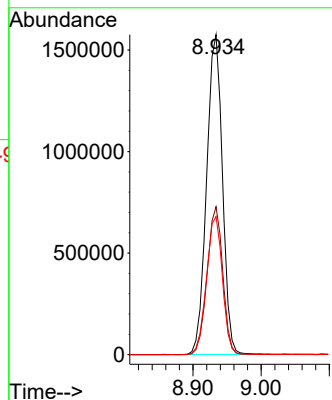
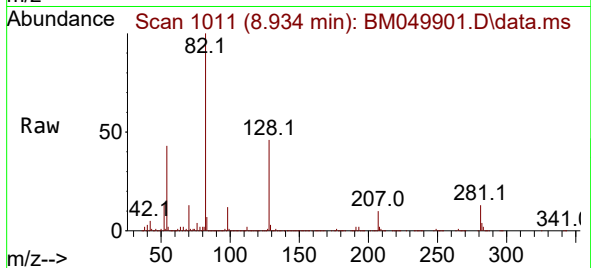


#23
Nitrobenzene-d5
Concen: 121.297 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion: 82 Resp: 2546713

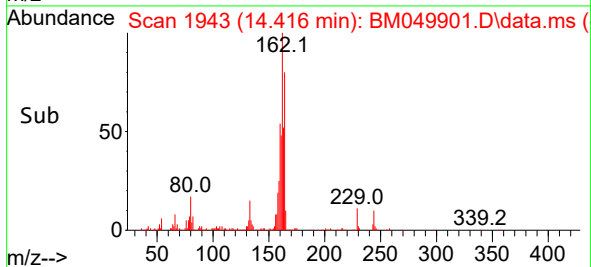
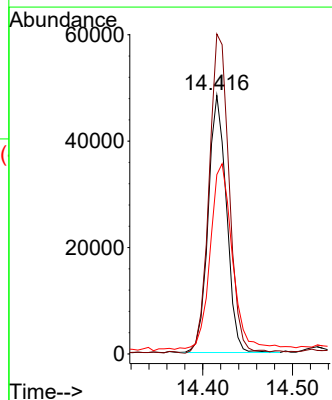
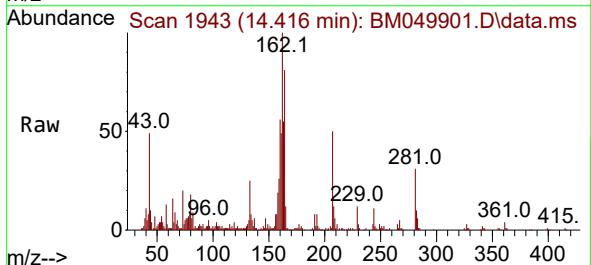
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.2
54	43.2	35.0	52.6

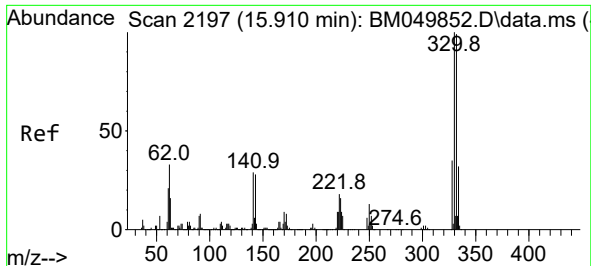


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Tgt Ion: 164 Resp: 68395

Ion	Ratio	Lower	Upper
164	100		
162	123.7	79.4	119.0#
160	69.3	36.2	54.2#

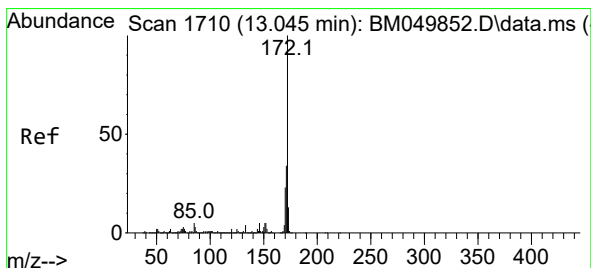
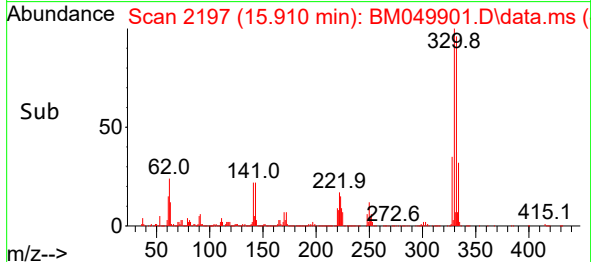
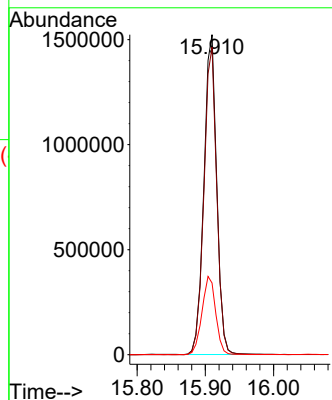
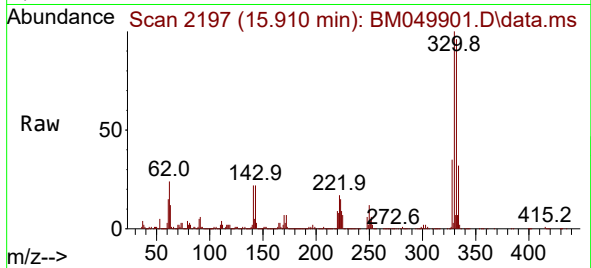




#42
2,4,6-Tribromophenol
Concen: 1992.904 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

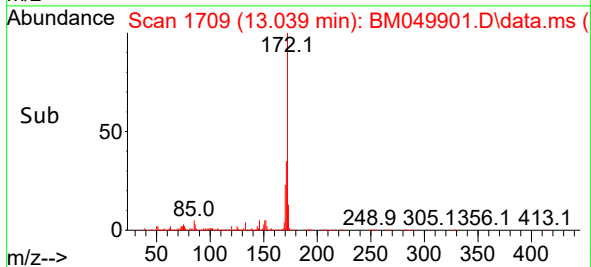
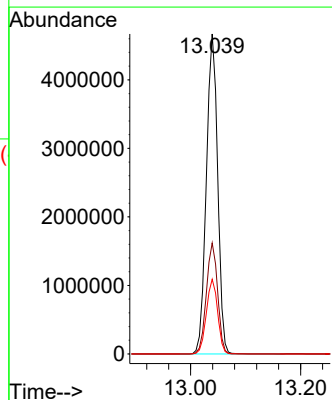
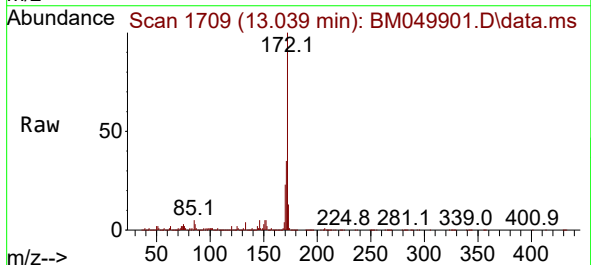
Instrument :
BNA_M
ClientSampleId :
WC-2

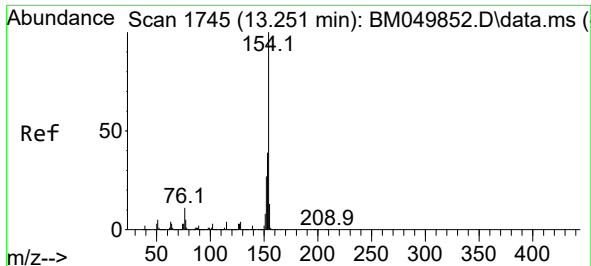
Tgt Ion:330 Resp: 1982601
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 26.3 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 1317.578 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Tgt Ion:172 Resp: 6645650
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.4 18.6 28.0

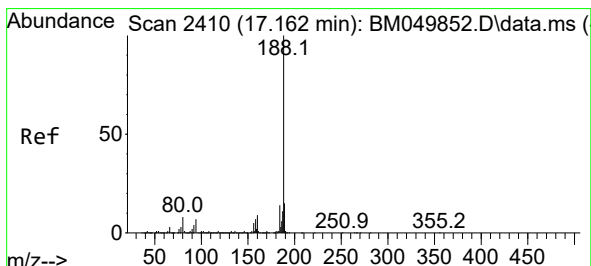
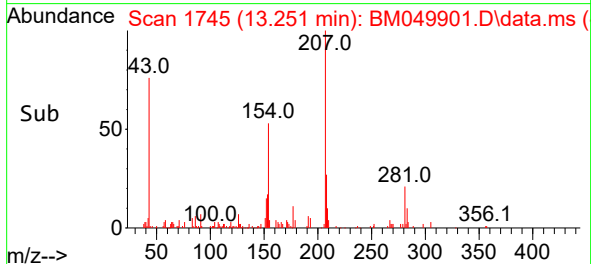
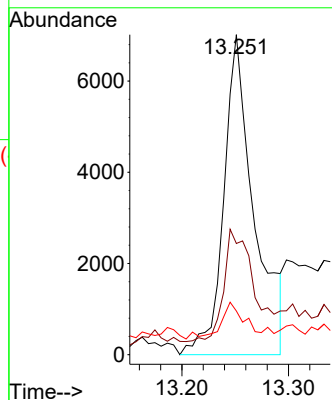
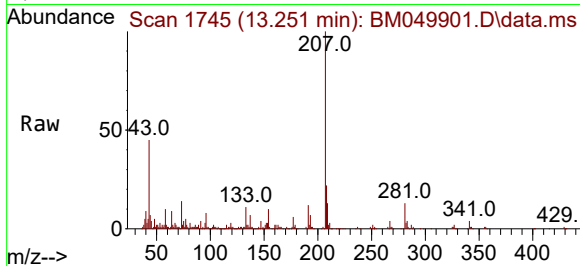




#46
1,1'-Biphenyl
Concen: 2.718 ng
RT: 13.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

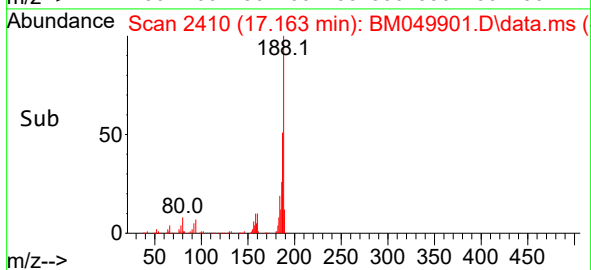
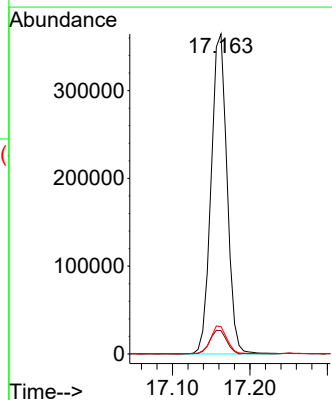
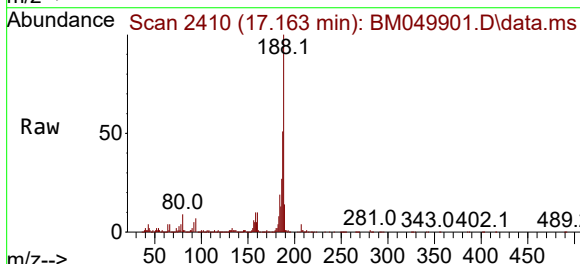
Instrument :
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ClientSampleId :
WC-2

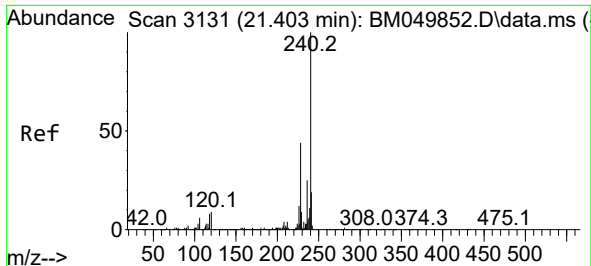
Tgt Ion:154 Resp: 13818
Ion Ratio Lower Upper
154 100
153 34.7 19.3 59.3
76 13.7 0.0 30.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Tgt Ion:188 Resp: 521187
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.6 6.4 9.6

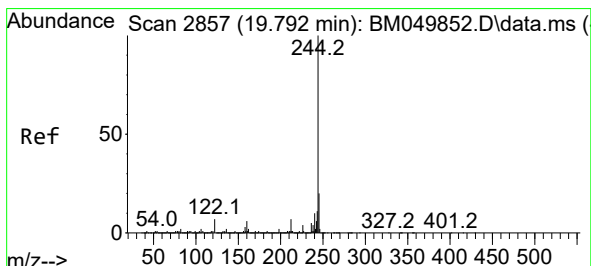
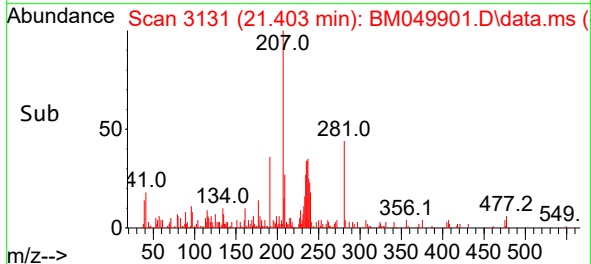
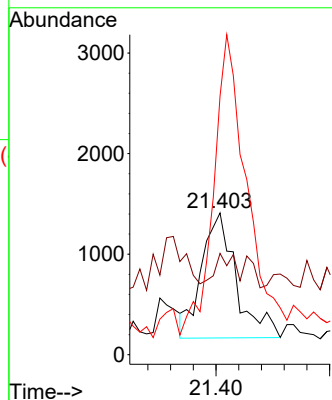
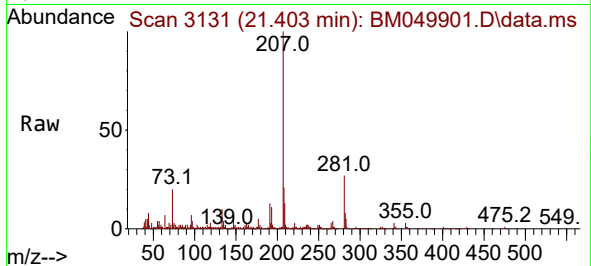




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

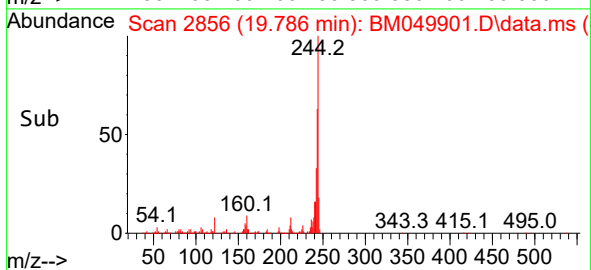
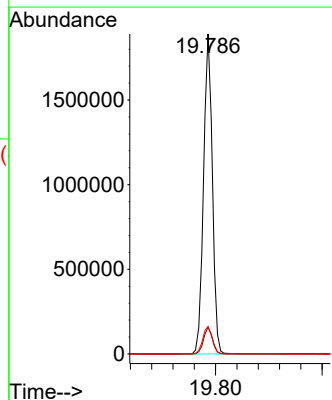
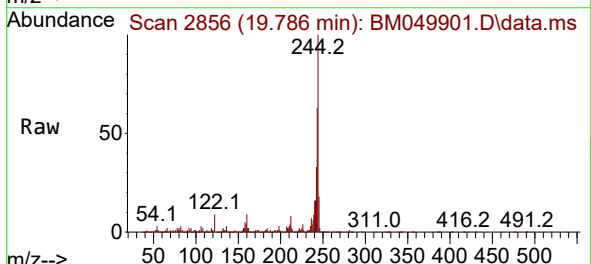
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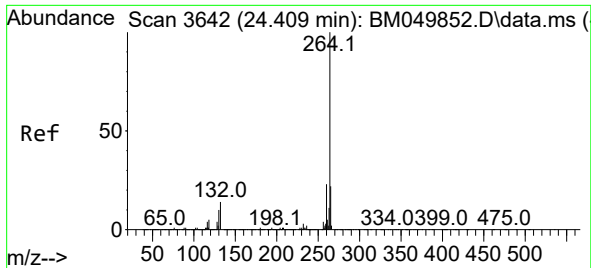
Tgt Ion:240 Resp: 2630
Ion Ratio Lower Upper
240 100
120 71.4 6.9 10.3#
236 182.4 20.4 30.6#



#79
Terphenyl-d14
Concen: 15431.153 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049901.D
Acq: 11 Apr 2025 14:57

Tgt Ion:244 Resp: 2165574
Ion Ratio Lower Upper
244 100
212 8.4 5.5 8.3#
122 8.5 5.4 8.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.415 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BM049901.D
 Acq: 11 Apr 2025 14:57

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 301
 Ion Ratio Lower Upper
 264 100
 260 96.1 18.6 28.0#
 265 1689.8 17.8 26.8#

