

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049872.D
 Acq On : 09 Apr 2025 17:42
 Operator : RC/JU
 Sample : Q1743-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

Quant Time: Apr 10 01:24:04 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

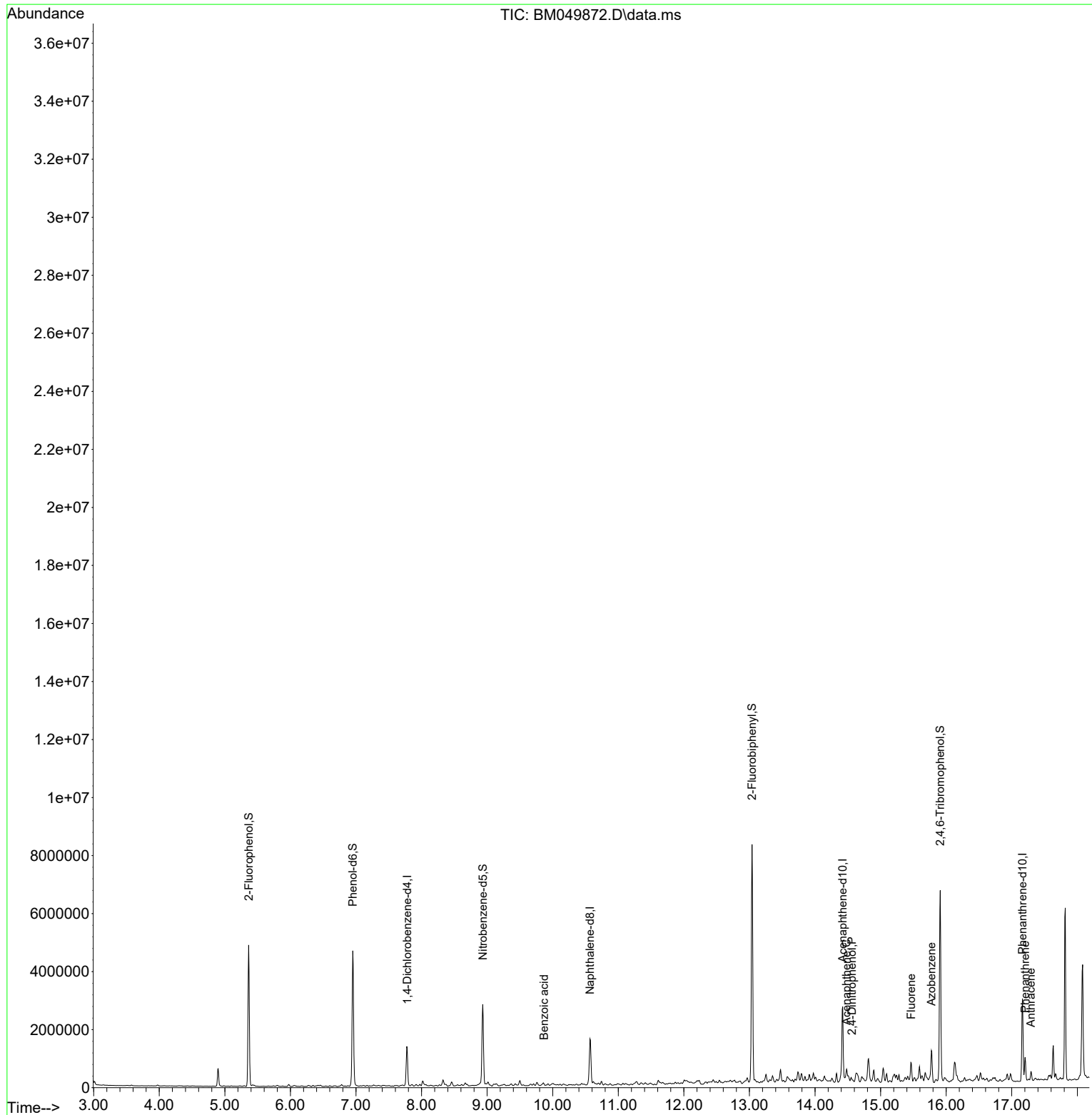
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	364190	20.000	ng	0.00	
21) Naphthalene-d8	10.569	136	1318106	20.000	ng	0.00	
39) Acenaphthene-d10	14.422	164	872295	20.000	ng	0.00	
64) Phenanthrene-d10	17.163	188	1687663	20.000	ng	0.00	
76) Chrysene-d12	21.398	240	1593851	20.000	ng	0.00	
86) Perylene-d12	24.403	264	1778865	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2136979	99.639	ng	0.00	
7) Phenol-d6	6.951	99	2714560	101.729	ng	0.00	
23) Nitrobenzene-d5	8.934	82	1595324	67.397	ng	0.00	
42) 2,4,6-Tribromophenol	15.910	330	1333915	105.133	ng	0.00	
45) 2-Fluorobiphenyl	13.039	172	4343222	67.517	ng	0.00	
79) Terphenyl-d14	19.786	244	6284739	73.896	ng	0.00	
Target Compounds							
32) Benzoic acid	9.869	122	73	8.542	ng	#	1
52) Acenaphthene	14.480	154	129263	2.737	ng		98
54) 2,4-Dinitrophenol	14.563	184	132	7.238	ng	#	1
58) Fluorene	15.469	166	237672	3.788	ng		96
63) Azobenzene	15.774	77	251102	4.970	ng	#	1
71) Phenanthrene	17.204	178	497941	5.382	ng		100
72) Anthracene	17.292	178	203356	2.230	ng		99
75) Fluoranthene	19.221	202	392103	3.447	ng		99
78) Pyrene	19.586	202	498899	4.542	ng	#	94
84) Bis(2-ethylhexyl)phtha...	21.303	149	850023	14.135	ng	#	99
88) Benzo(b)fluoranthene	23.456	252	562971	4.955	ng	#	96
89) Benzo(k)fluoranthene	23.515	252	316358	2.873	ng	#	92
90) Benzo(a)pyrene	24.256	252	291646	2.921	ng	#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049872.D
 Acq On : 09 Apr 2025 17:42
 Operator : RC/JU
 Sample : Q1743-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

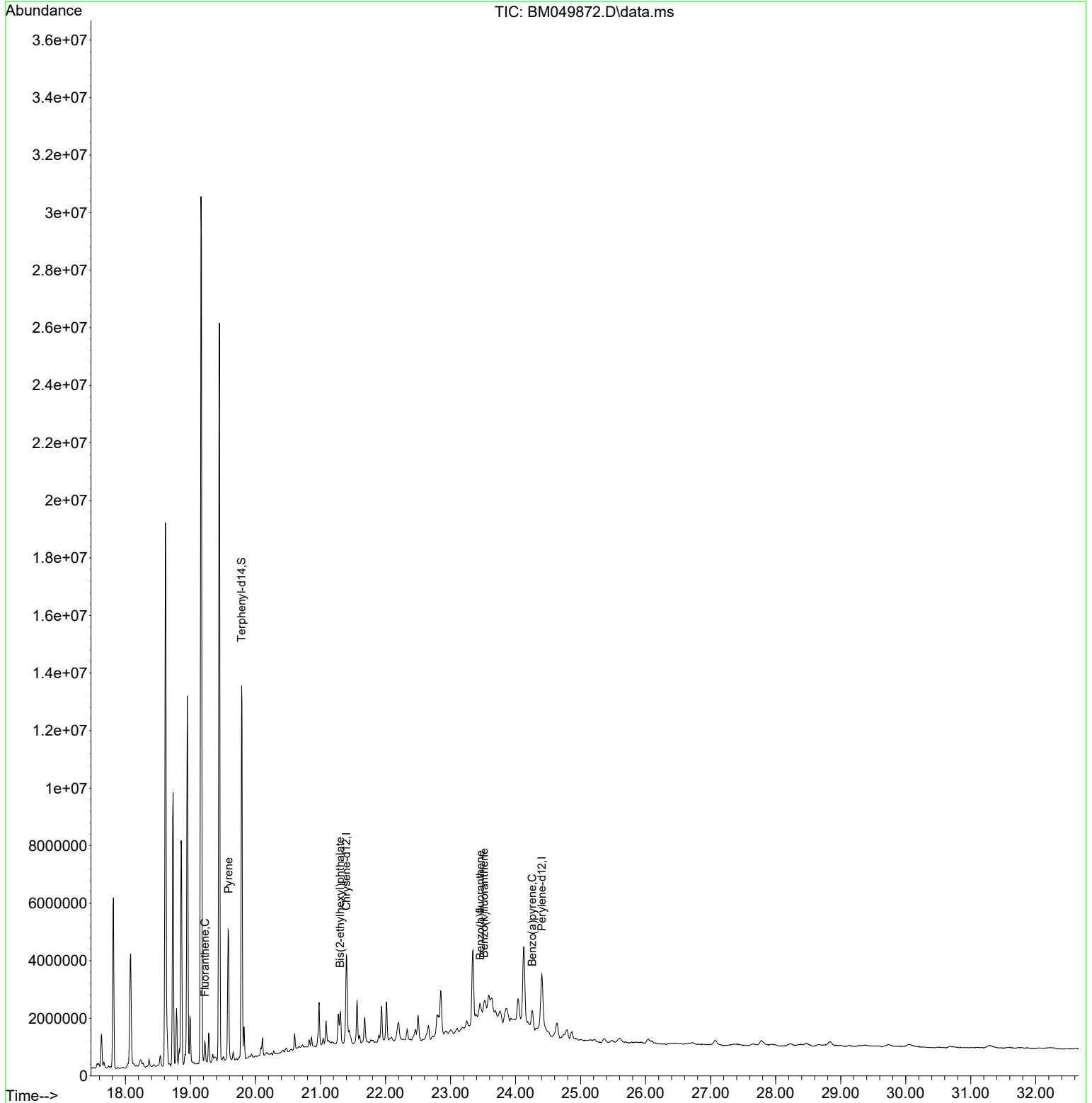
Quant Time: Apr 10 01:24:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

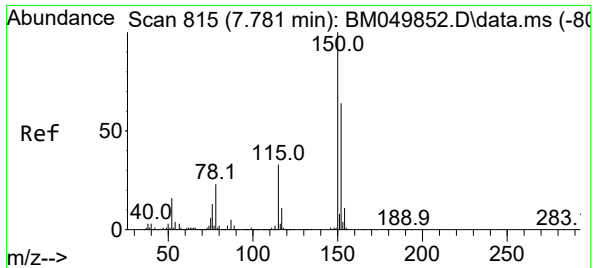


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049872.D
 Acq On : 09 Apr 2025 17:42
 Operator : RC/JU
 Sample : Q1743-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

Quant Time: Apr 10 01:24:04 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



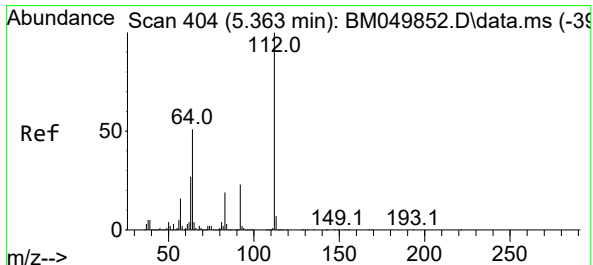
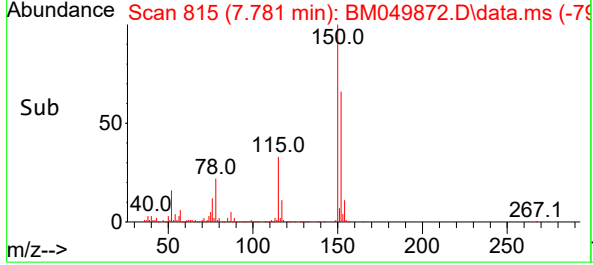
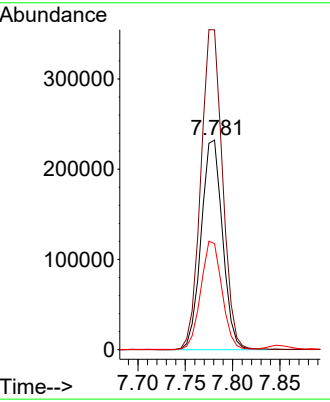
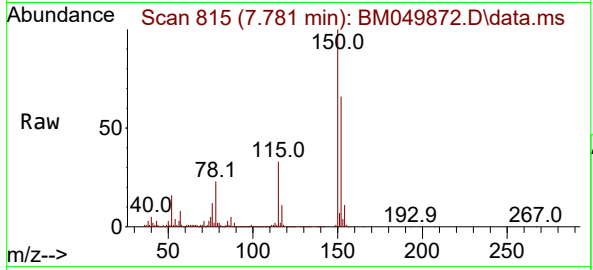


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument : BNA_M
 ClientSampleId : TP-16

Tgt Ion:152 Resp: 364190

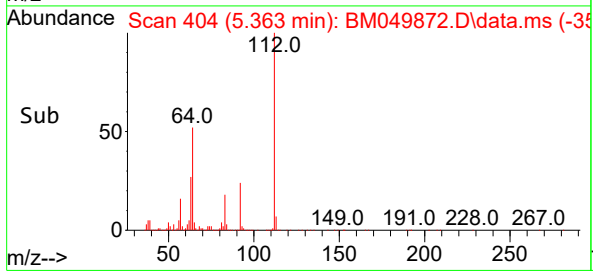
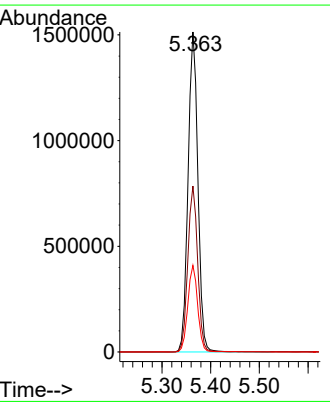
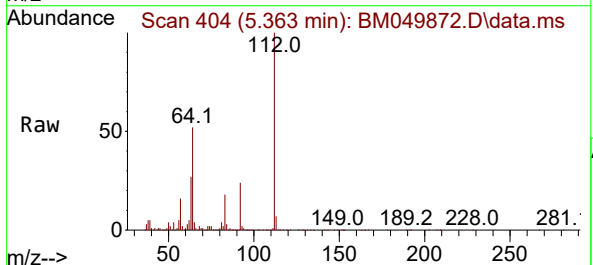
Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.3	186.5
115	50.6	41.1	61.7

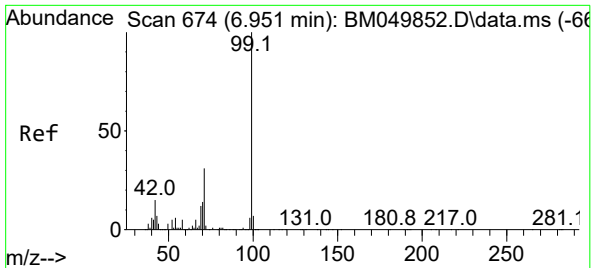


#5
 2-Fluorophenol
 Concen: 99.639 ng
 RT: 5.363 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:112 Resp: 2136979

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.0	61.6
63	27.1	21.5	32.3



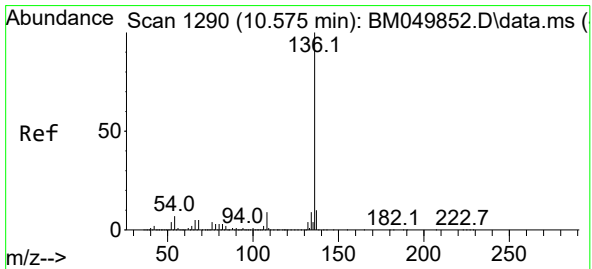
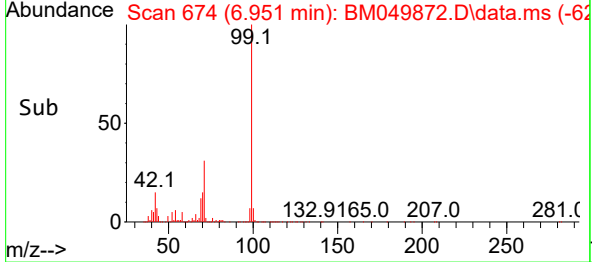
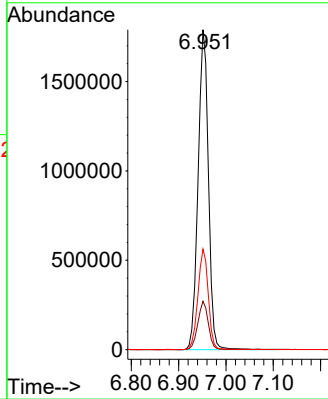
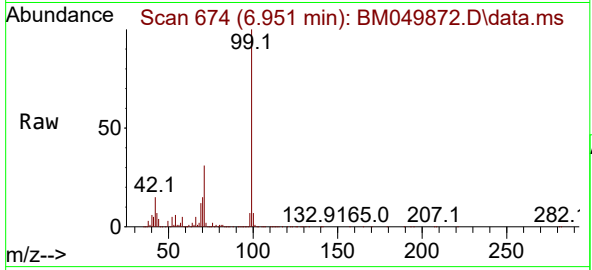


#7
 Phenol-d6
 Concen: 101.729 ng
 RT: 6.951 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

Tgt Ion: 99 Resp: 2714560

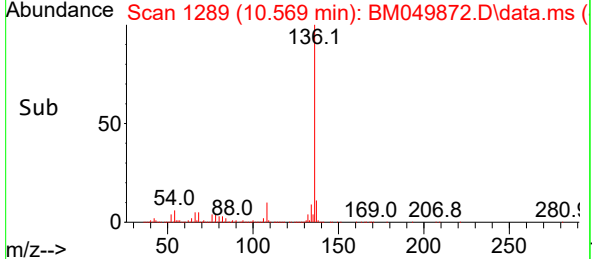
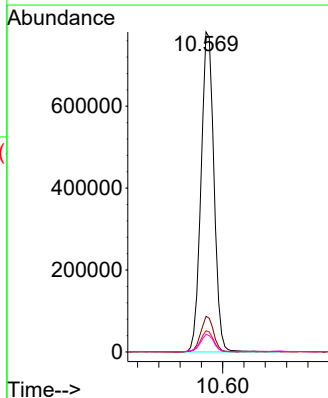
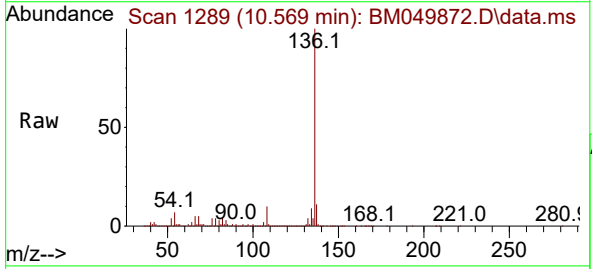
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.1	18.1
71	31.4	24.9	37.3

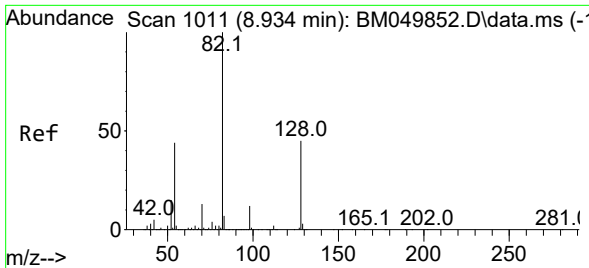


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.569 min Scan# 1289
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion: 136 Resp: 1318106

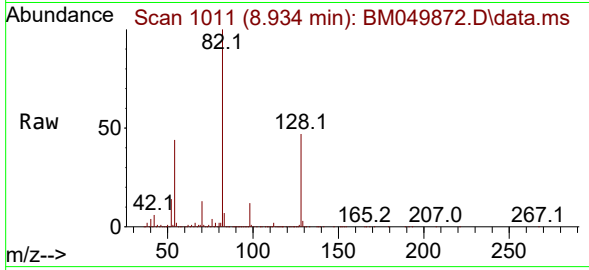
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.6	5.3	7.9
68	5.5	4.3	6.5



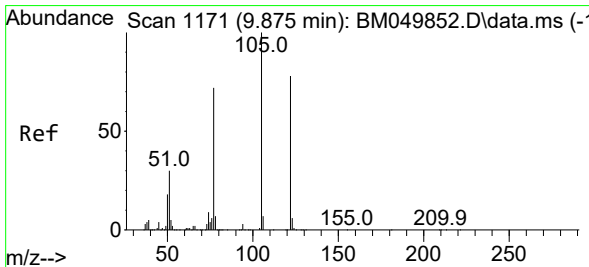
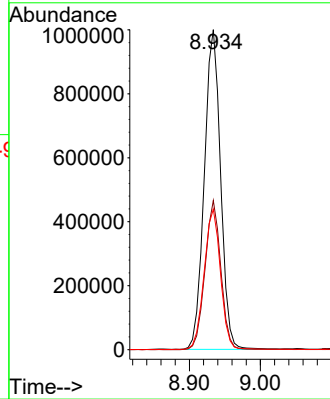
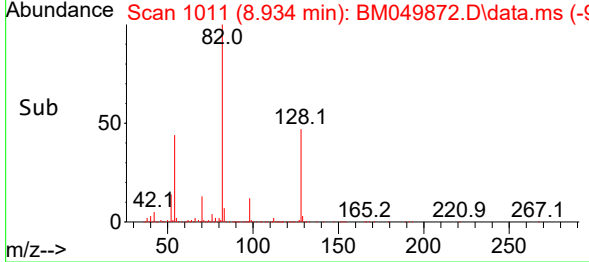


#23
 Nitrobenzene-d5
 Concen: 67.397 ng
 RT: 8.934 min Scan# 1011
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

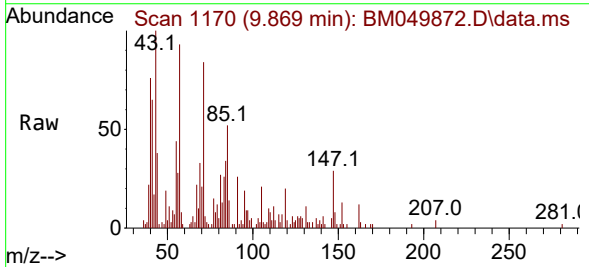
Instrument :
 BNA_M
 ClientSampleId :
 TP-16



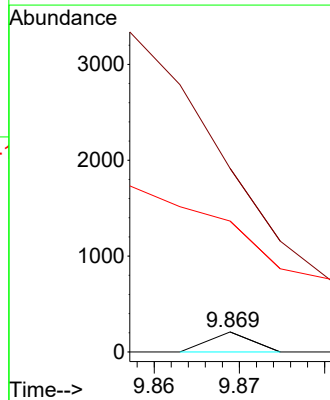
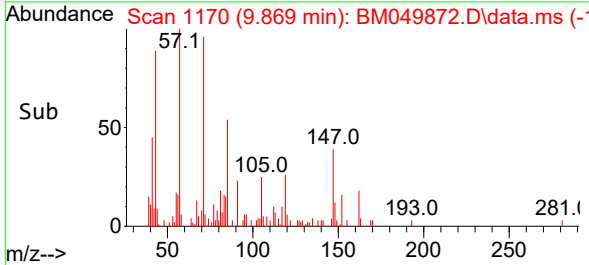
Tgt Ion: 82 Resp: 1595324
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.2 54.2
 54 43.9 35.0 52.6

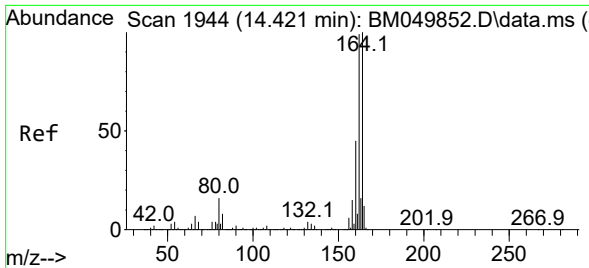


#32
 Benzoic acid
 Concen: 8.542 ng
 RT: 9.869 min Scan# 1170
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42



Tgt Ion: 122 Resp: 73
 Ion Ratio Lower Upper
 122 100
 105 920.2 103.8 143.8#
 77 656.2 70.7 110.7#

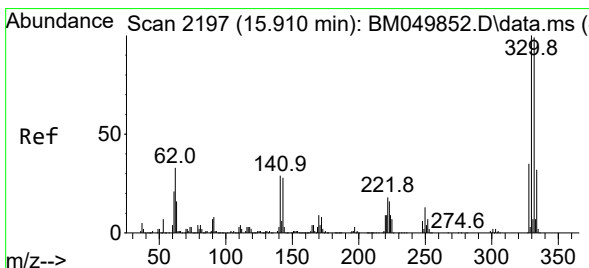
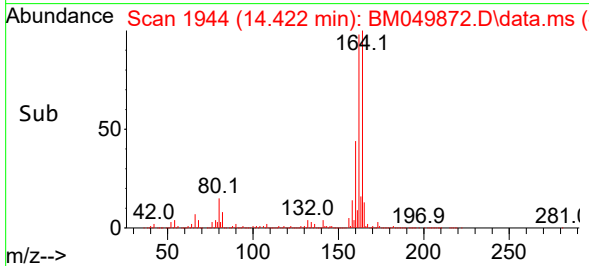
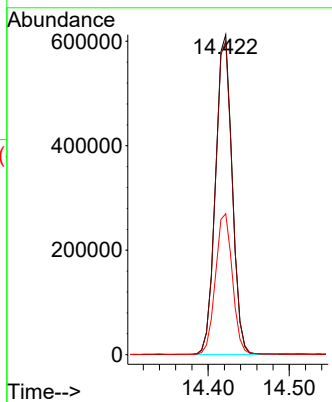
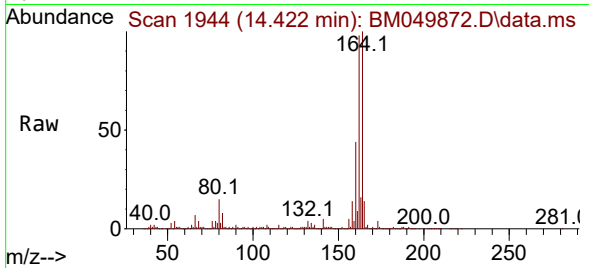




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.422 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

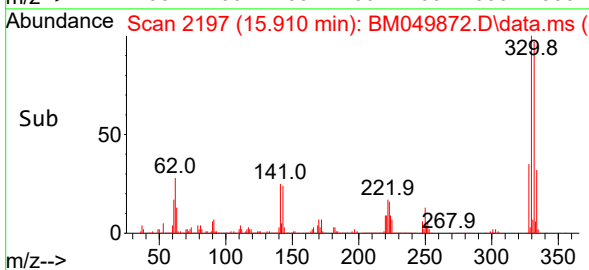
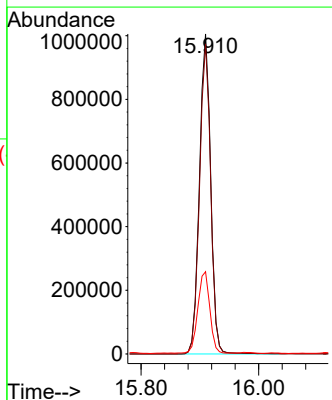
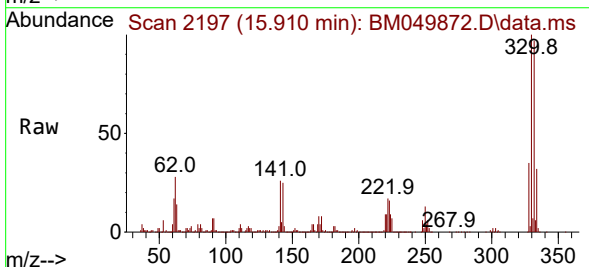
Instrument :
 BNA_M
 ClientSampleId :
 TP-16

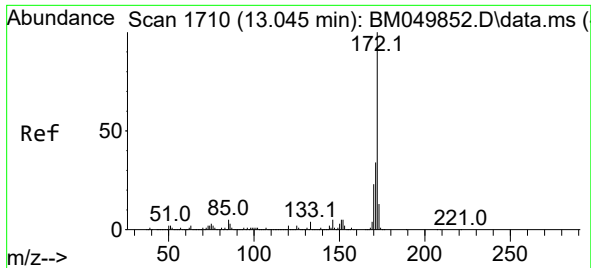
Tgt Ion:164 Resp: 872295
 Ion Ratio Lower Upper
 164 100
 162 98.0 79.4 119.0
 160 44.0 36.2 54.2



#42
 2,4,6-Tribromophenol
 Concen: 105.133 ng
 RT: 15.910 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:330 Resp: 1333915
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 26.9 23.5 35.3



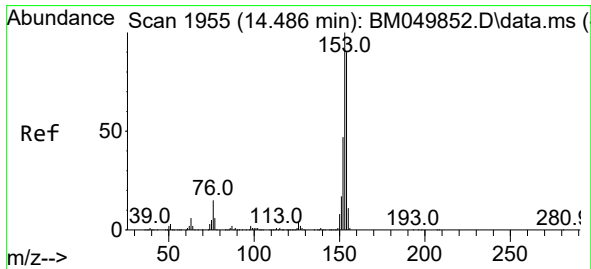
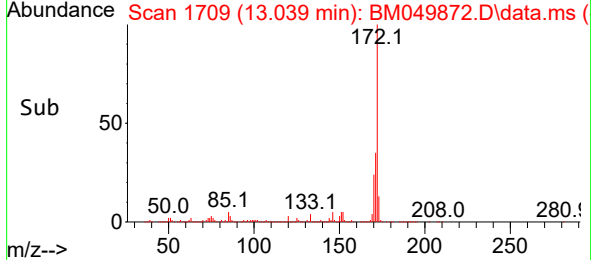
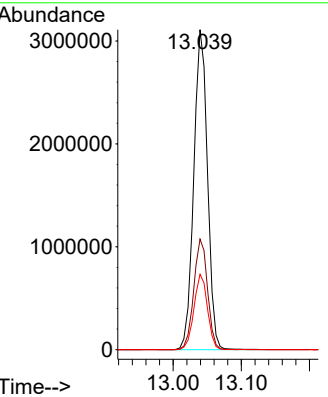
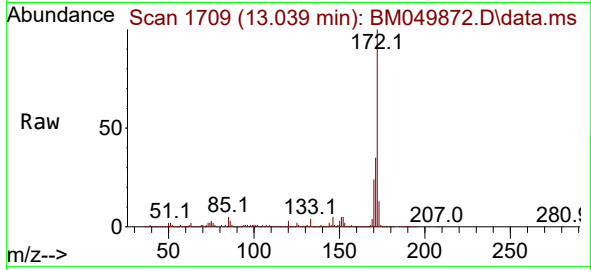


#45
 2-Fluorobiphenyl
 Concen: 67.517 ng
 RT: 13.039 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument : BNA_M
 ClientSampleId : TP-16

Tgt Ion:172 Resp: 4343222

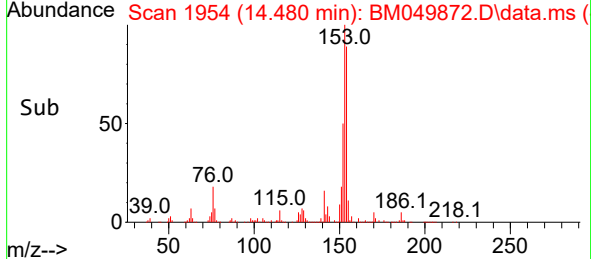
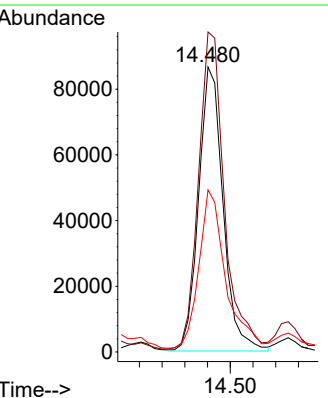
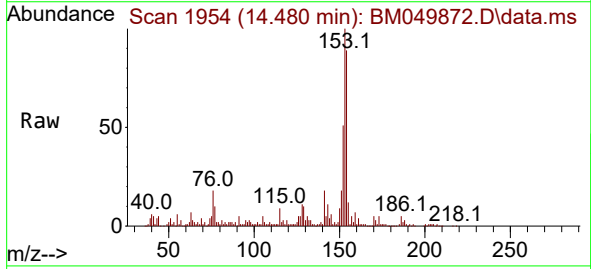
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	23.6	18.6	28.0

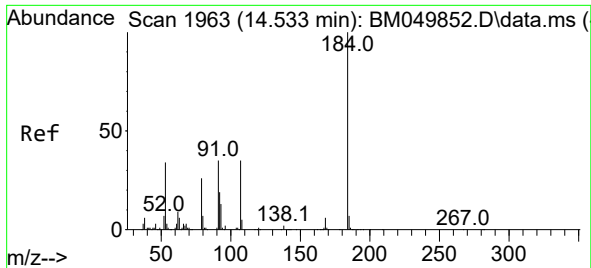


#52
 Acenaphthene
 Concen: 2.737 ng
 RT: 14.480 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:154 Resp: 129263

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.3	133.9
152	56.9	42.2	63.2

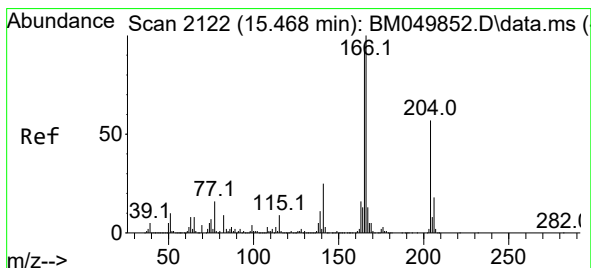
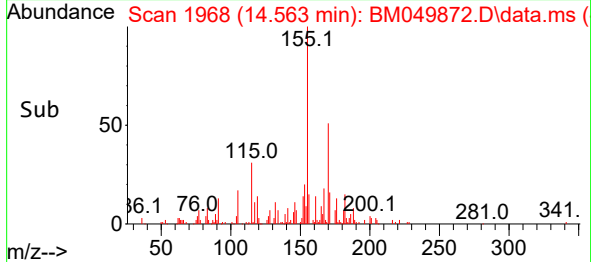
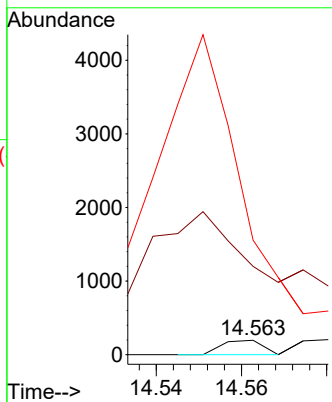
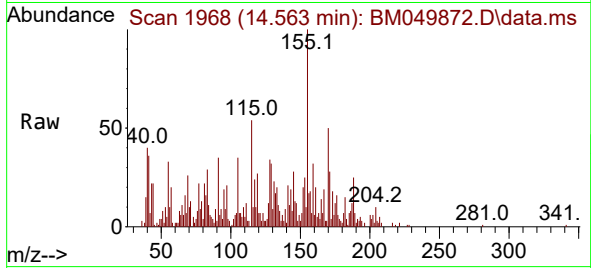




#54
 2,4-Dinitrophenol
 Concen: 7.238 ng
 RT: 14.563 min Scan# 1968
 Delta R.T. 0.030 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

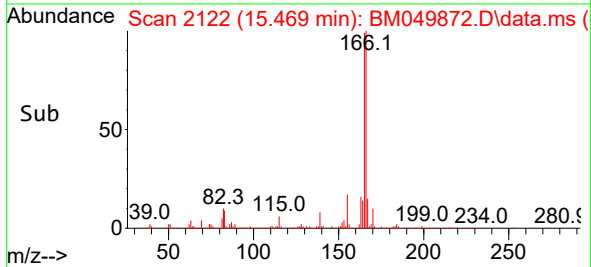
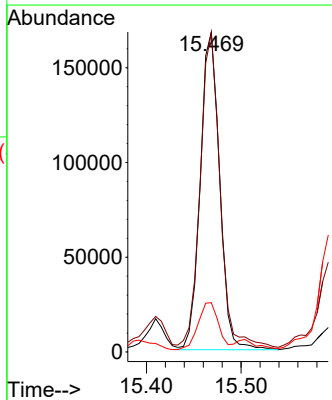
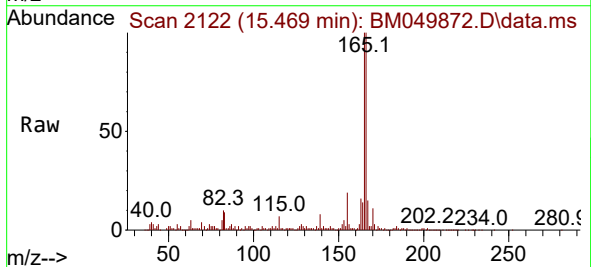
Instrument :
 BNA_M
 ClientSampleId :
 TP-16

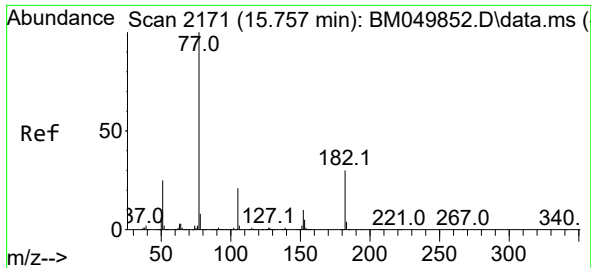
Tgt Ion	Resp	Lower	Upper
184	100		
63	609.6	38.4	57.6#
154	790.4	48.1	72.1#



#58
 Fluorene
 Concen: 3.788 ng
 RT: 15.469 min Scan# 2122
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

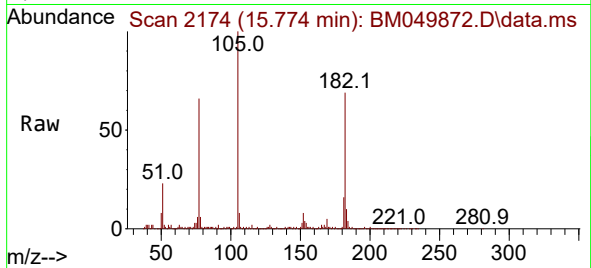
Tgt Ion	Resp	Lower	Upper
166	100		
165	99.7	76.3	114.5
167	15.4	10.7	16.1



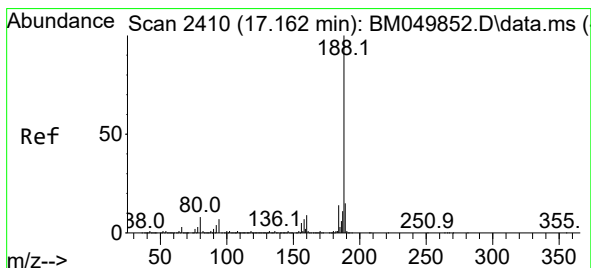
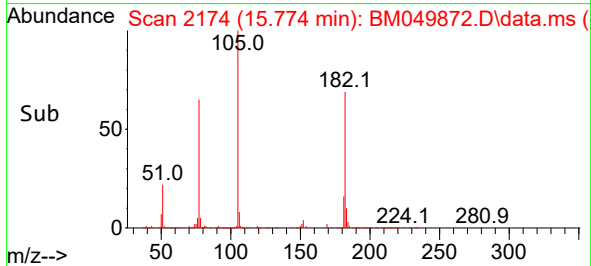
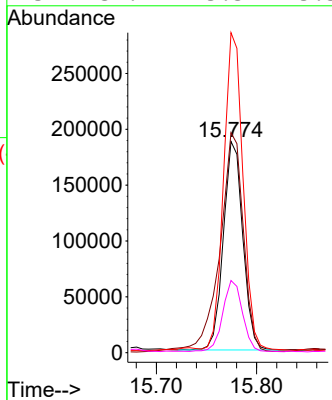


#63
 Azobenzene
 Concen: 4.970 ng
 RT: 15.774 min Scan# 2174
 Delta R.T. 0.018 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

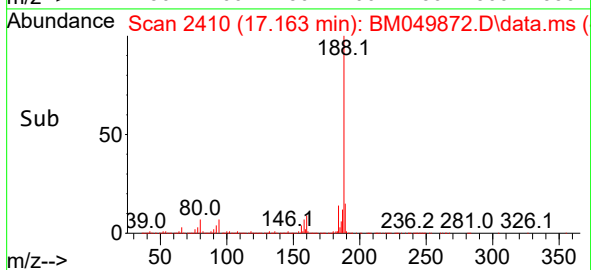
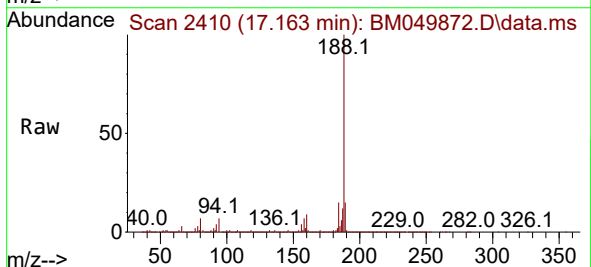
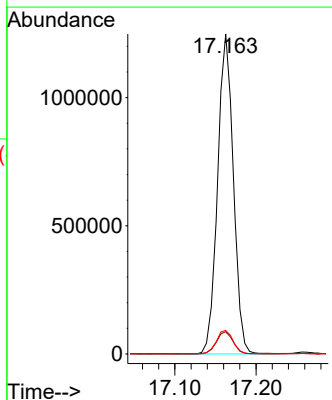


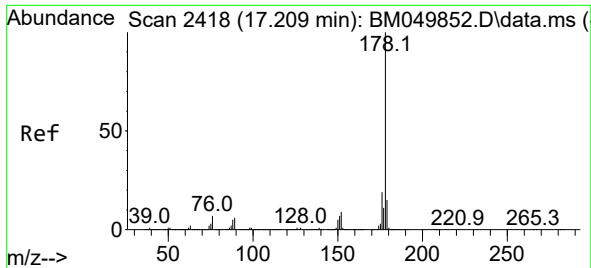
Tgt Ion: 77 Resp: 251102
 Ion Ratio Lower Upper
 77 100
 182 104.1 10.4 50.4#
 105 151.5 1.5 41.5#
 51 34.1 5.3 45.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.163 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:188 Resp: 1687663
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.6
 80 7.4 6.4 9.6

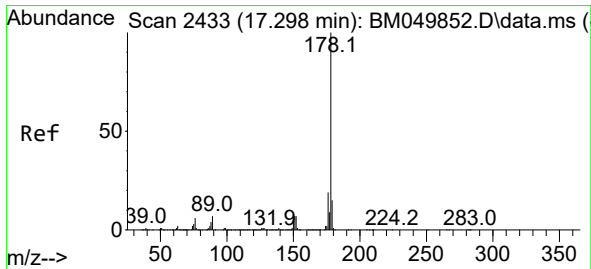
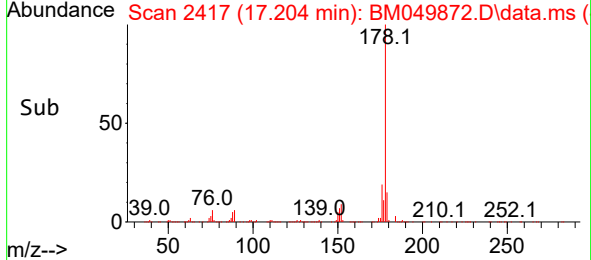
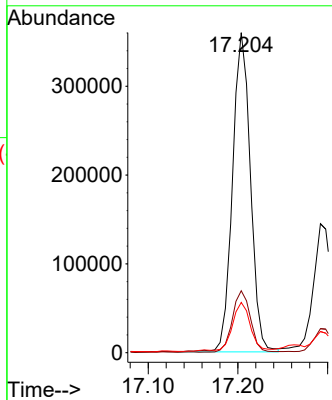
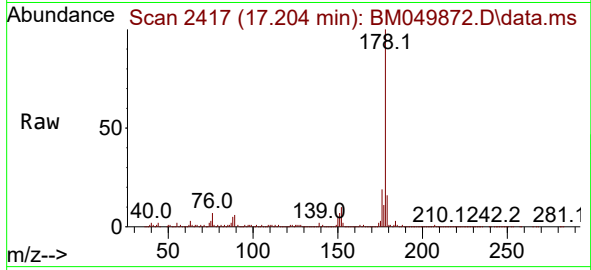




#71
 Phenanthrene
 Concen: 5.382 ng
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

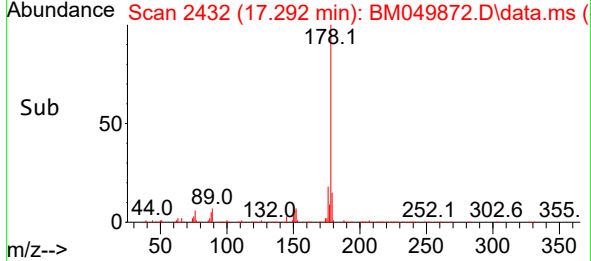
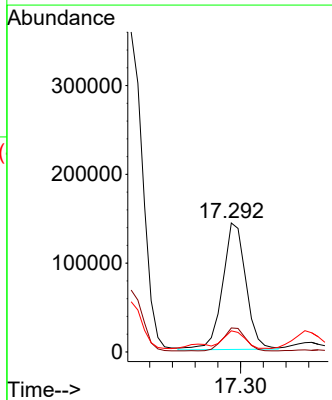
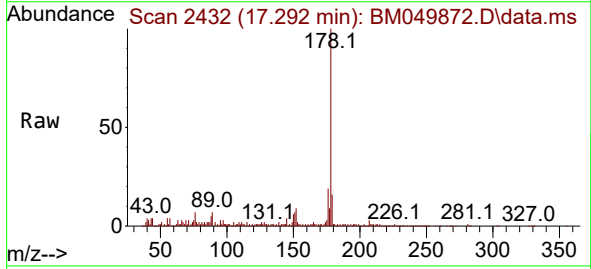
Instrument : BNA_M
 ClientSampleId : TP-16

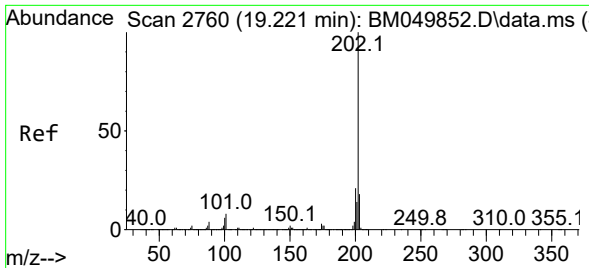
Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	497941	100		
176	19.3	15.4	23.2	
179	15.7	12.3	18.5	



#72
 Anthracene
 Concen: 2.230 ng
 RT: 17.292 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	203356	100		
176	18.7	15.1	22.7	
179	16.3	12.4	18.6	



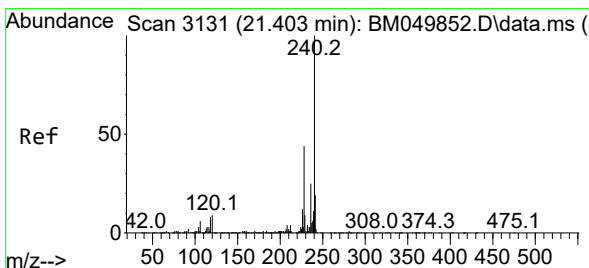
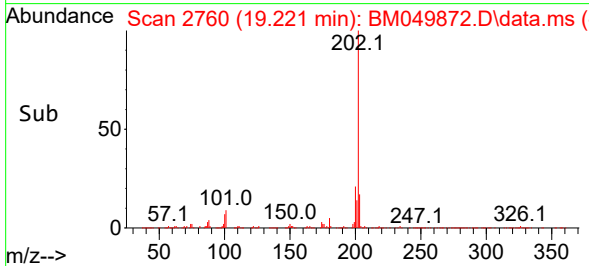
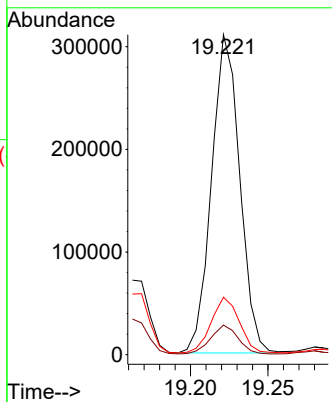
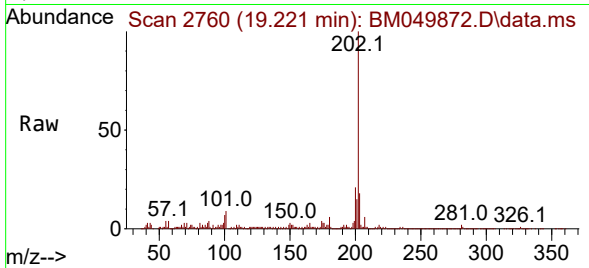


#75
 Fluoranthene
 Concen: 3.447 ng
 RT: 19.221 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

Tgt Ion: 202 Resp: 392103

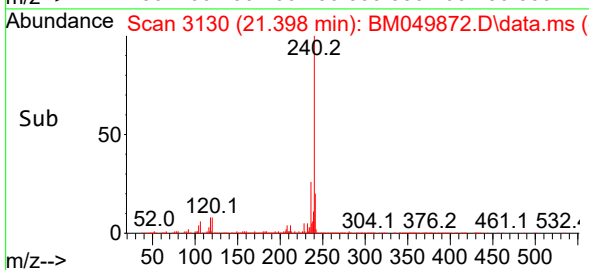
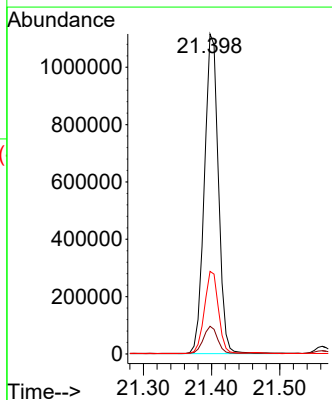
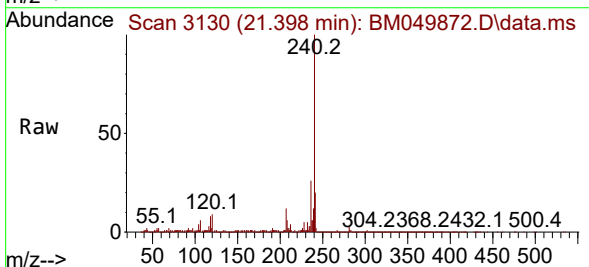
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.4
203	18.0	0.0	37.8

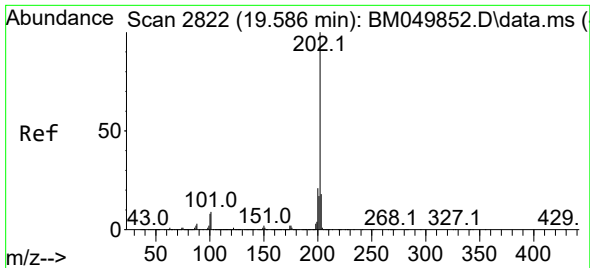


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.398 min Scan# 3130
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion: 240 Resp: 1593851

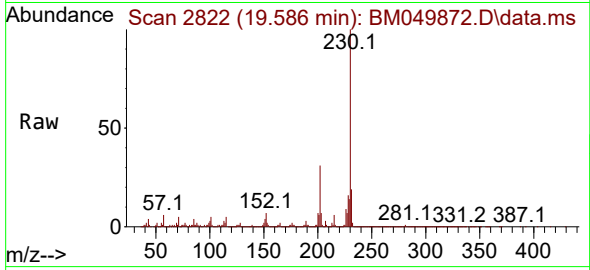
Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.8	20.4	30.6



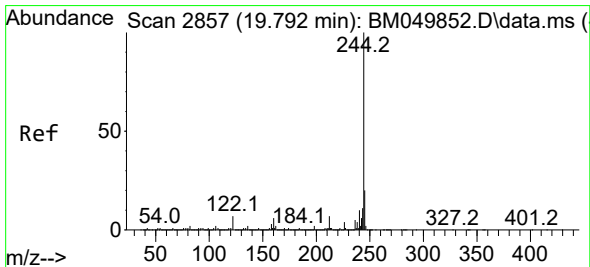
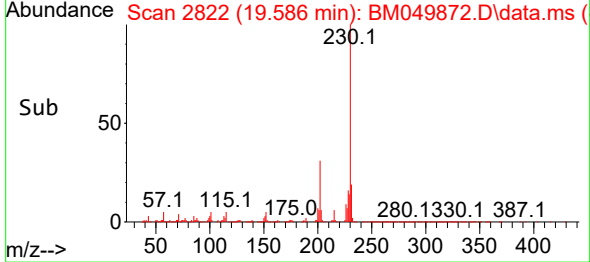
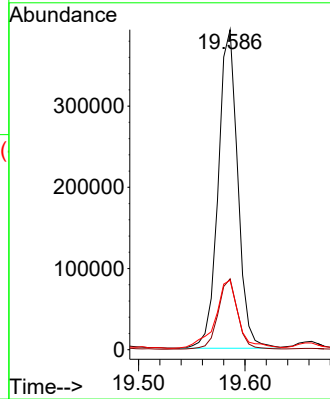


#78
 Pyrene
 Concen: 4.542 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

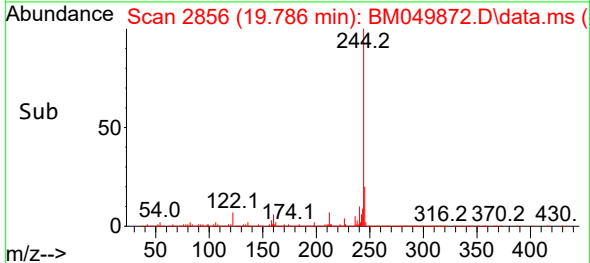
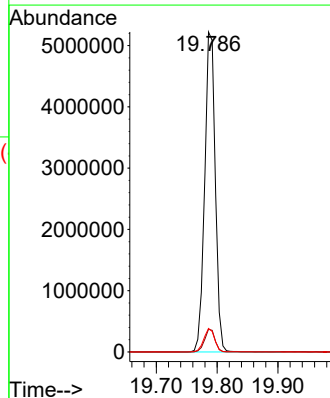
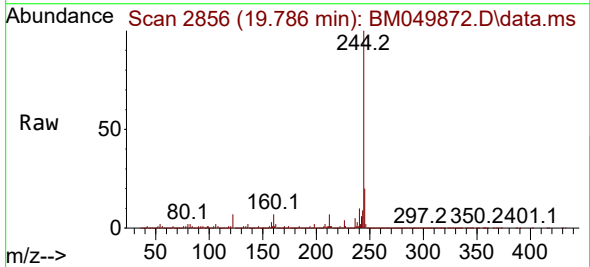


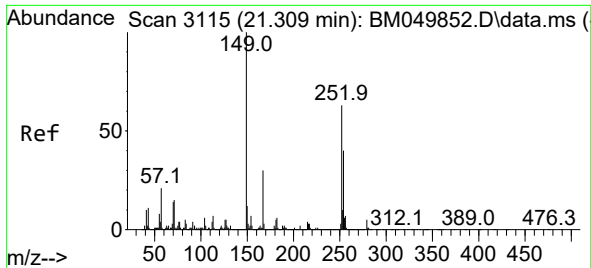
Tgt Ion:202 Resp: 498899
 Ion Ratio Lower Upper
 202 100
 200 22.2 16.5 24.7
 203 21.7 14.0 21.0#



#79
 Terphenyl-d14
 Concen: 73.896 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:244 Resp: 6284739
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 7.4 5.4 8.0



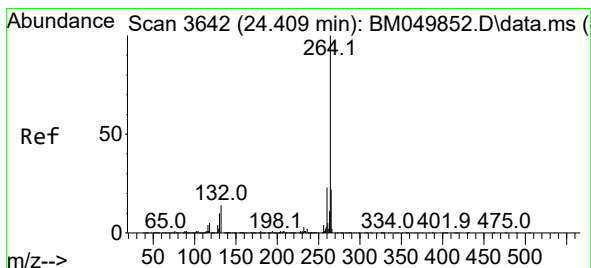
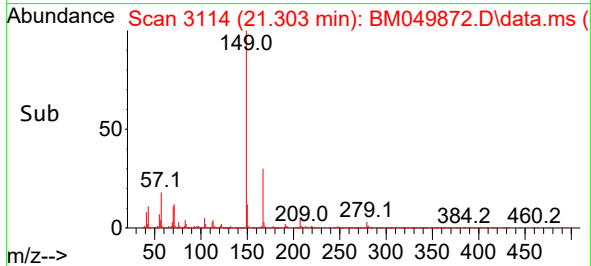
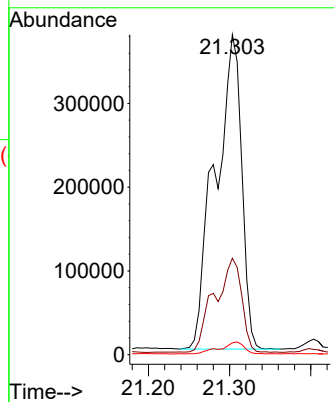
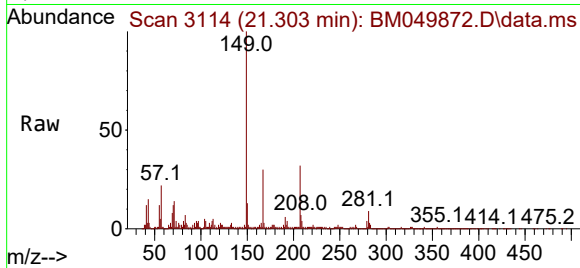


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.135 ng
 RT: 21.303 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

Tgt Ion:149 Resp: 850023

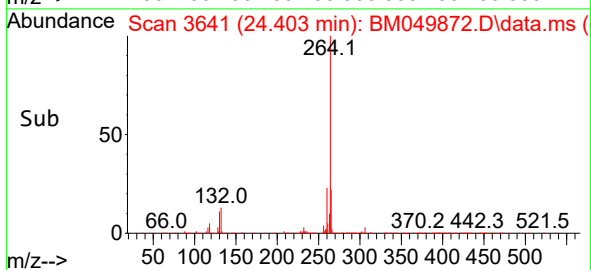
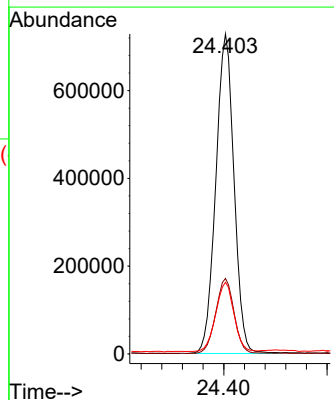
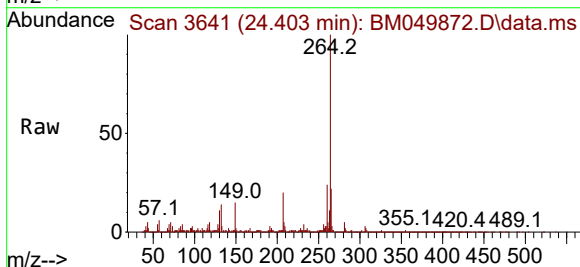
Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.8	35.6
279	3.7	3.8	5.8

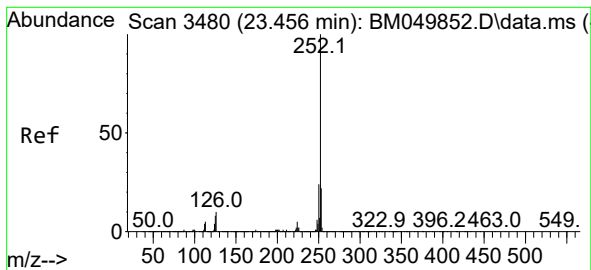


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:264 Resp: 1778865

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.4	17.8	26.8

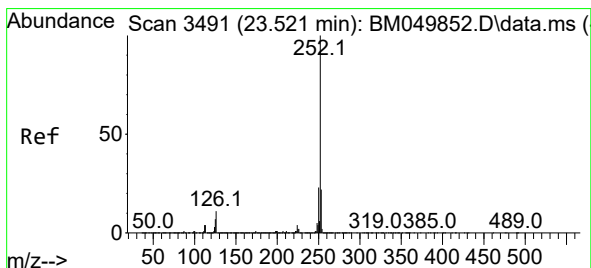
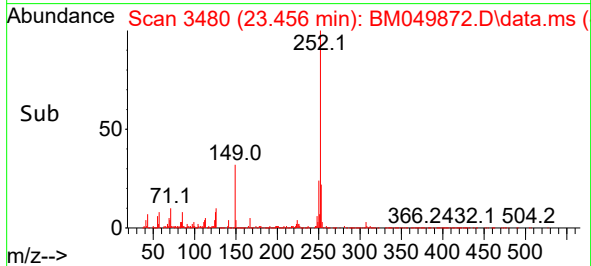
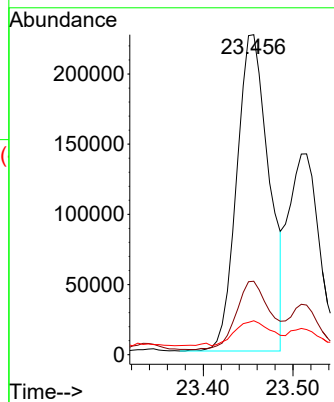
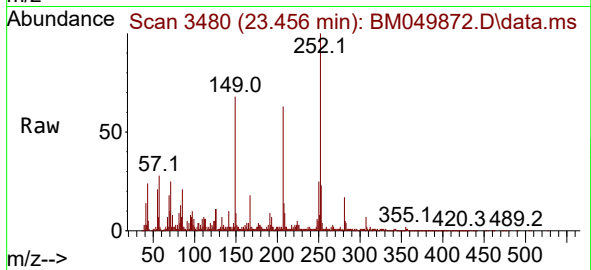




#88
 Benzo(b)fluoranthene
 Concen: 4.955 ng
 RT: 23.456 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

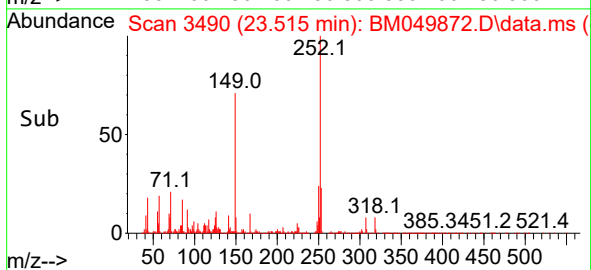
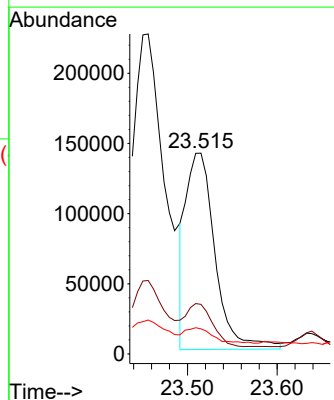
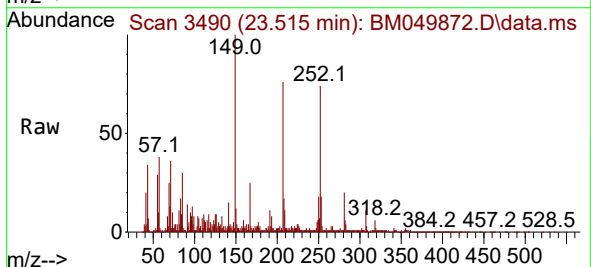
Instrument :
 BNA_M
 ClientSampleId :
 TP-16

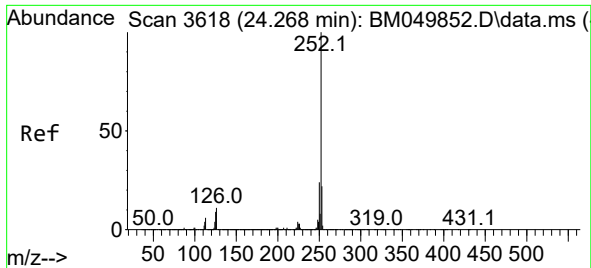
Tgt Ion:252 Resp: 562971
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.5 26.3
 125 10.6 6.2 9.4#



#89
 Benzo(k)fluoranthene
 Concen: 2.873 ng
 RT: 23.515 min Scan# 3490
 Delta R.T. -0.006 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Tgt Ion:252 Resp: 316358
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.4 26.2
 125 12.5 5.8 8.8#





#90
 Benzo(a)pyrene
 Concen: 2.921 ng
 RT: 24.256 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BM049872.D
 Acq: 09 Apr 2025 17:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-16

Tgt Ion:252 Resp: 291646

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	14.1	7.0	10.4

