

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049894.D
 Acq On : 11 Apr 2025 10:17
 Operator : RC/JU
 Sample : PB167544BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167544BL

Quant Time: Apr 11 19:09:05 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)

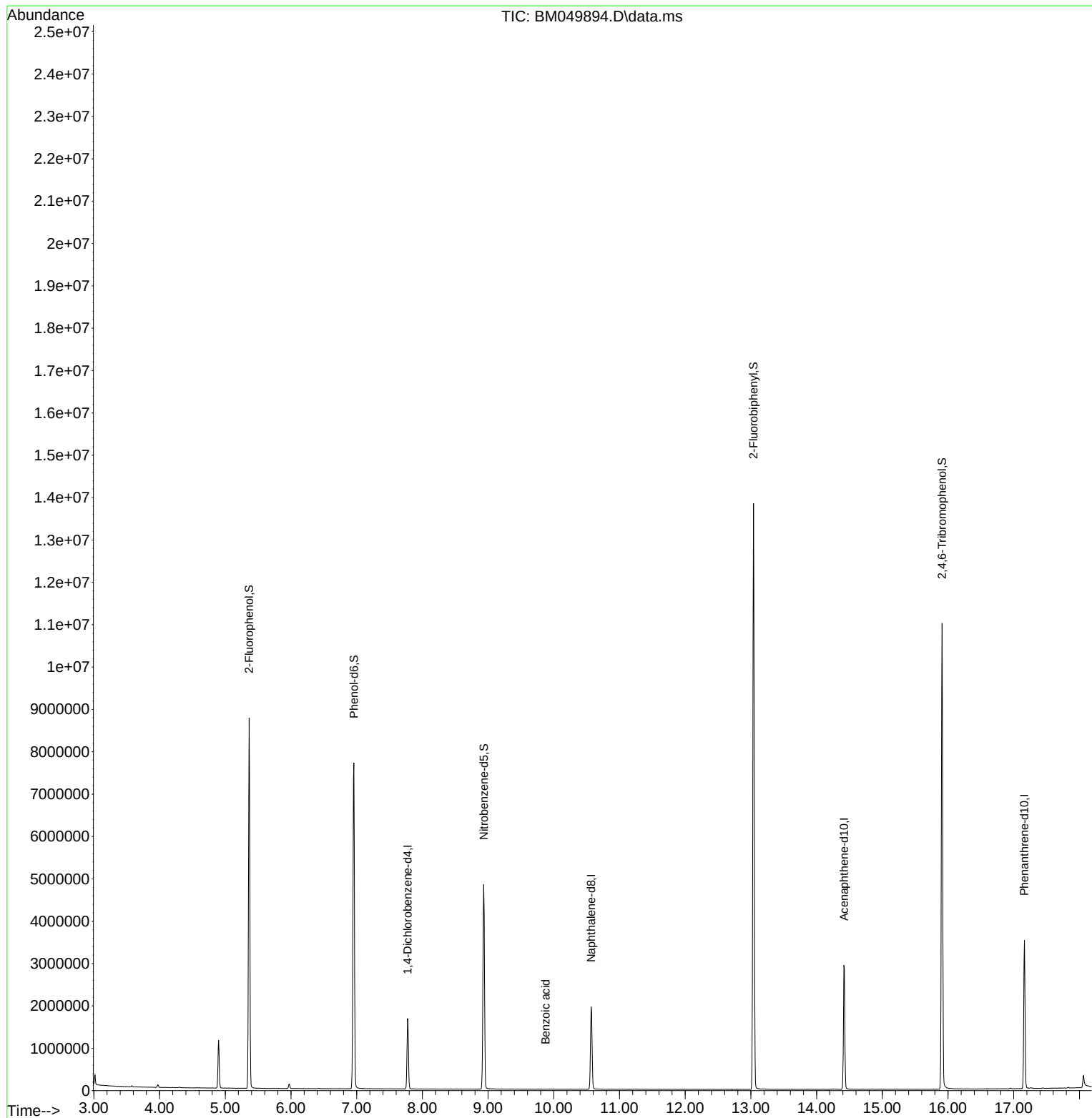
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	486554	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1686208	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1083671	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	2084347	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1600250	20.000	ng	0.00
86) Perylene-d12	24.397	264	1555142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3872807	135.161	ng	0.00
7) Phenol-d6	6.957	99	4713219	132.208	ng	0.00
23) Nitrobenzene-d5	8.934	82	2820535	93.145	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	2425155	153.857	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	7559795	94.597	ng	0.00
79) Terphenyl-d14	19.786	244	10363780	121.370	ng	0.00
Target Compounds						
32) Benzoic acid	9.875	122	106	8.542	ng	Qvalue # 61

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

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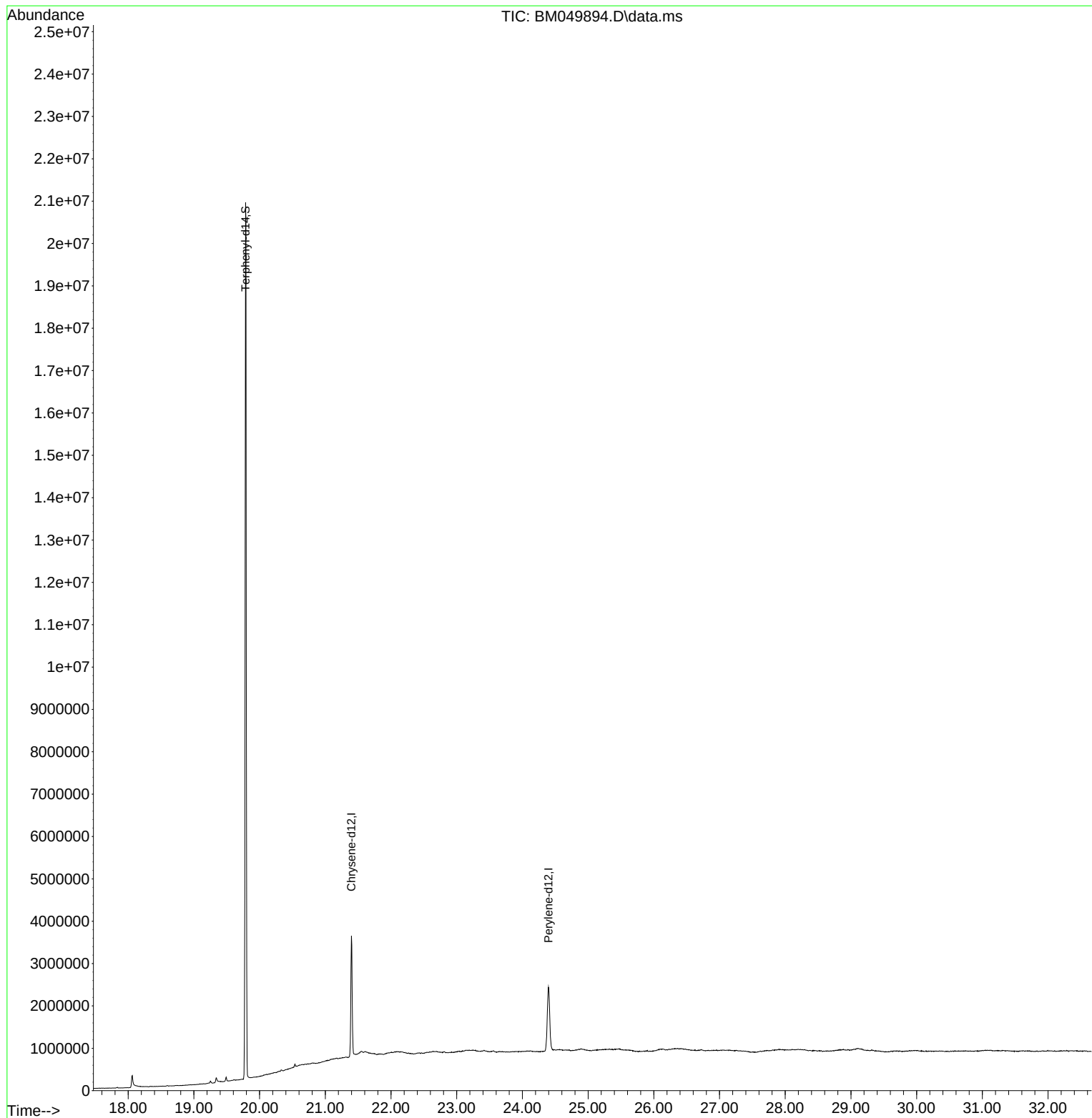
Quant Time: Apr 11 19:09:05 2025
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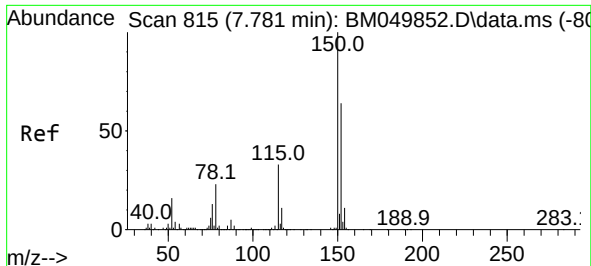


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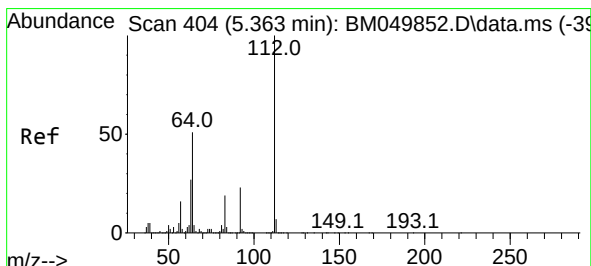
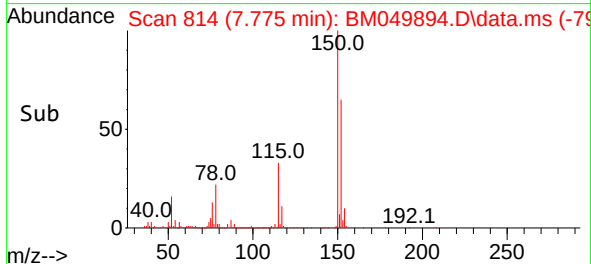
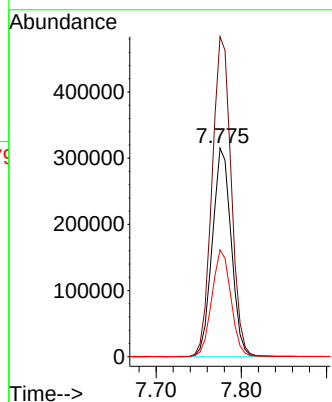
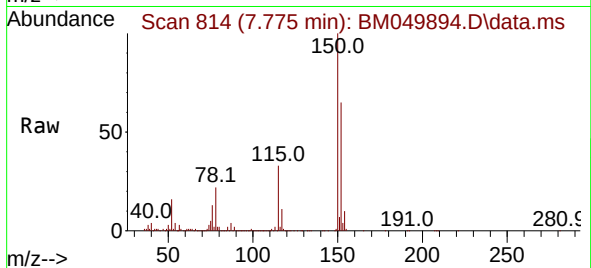




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

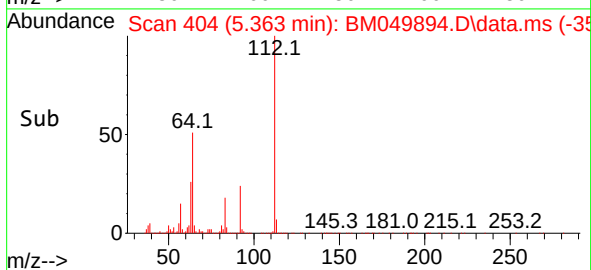
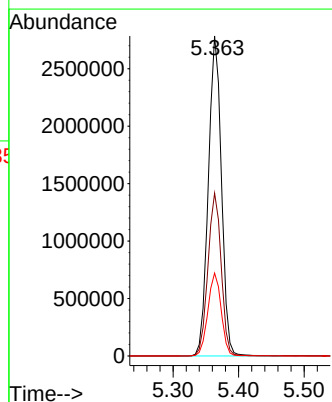
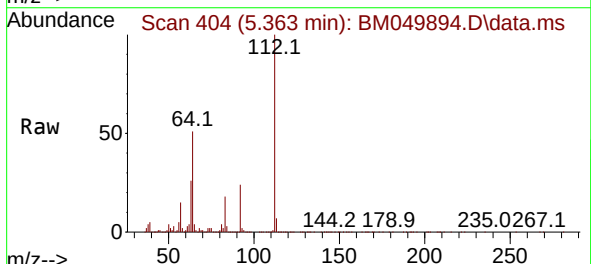
Instrument :
BNA_M
ClientSampleId :
PB167544BL

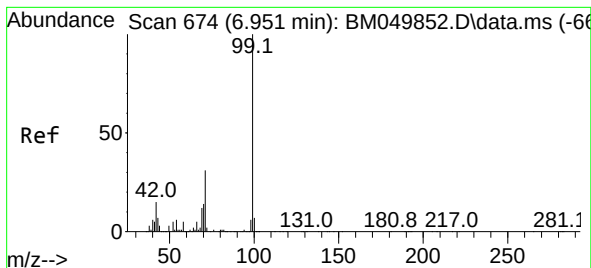
Tgt Ion:152 Resp: 486554
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 51.2 41.1 61.7



#5
2-Fluorophenol
Concen: 135.161 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:112 Resp: 3872807
Ion Ratio Lower Upper
112 100
64 50.9 41.0 61.6
63 25.9 21.5 32.3





#7

Phenol-d6

Concen: 132.208 ng

RT: 6.957 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM049894.D

Acq: 11 Apr 2025 10:17

Instrument :

BNA_M

ClientSampleId :

PB167544BL

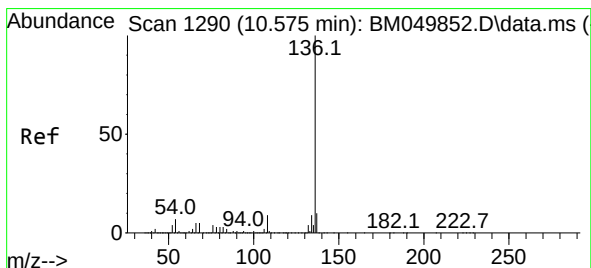
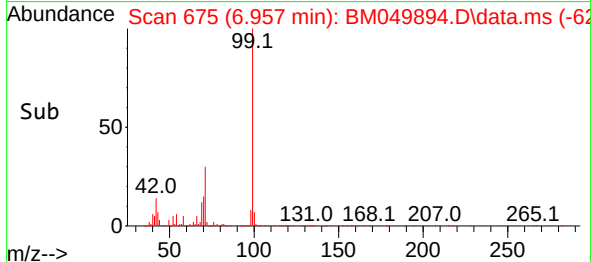
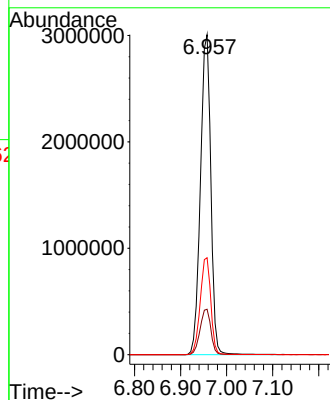
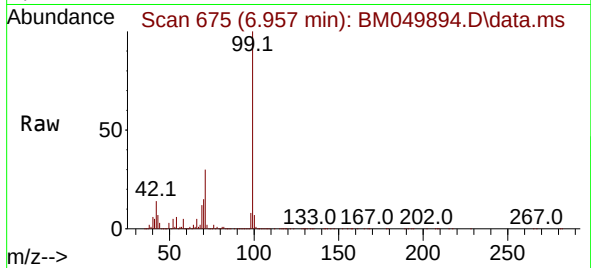
Tgt Ion: 99 Resp: 4713219

Ion Ratio Lower Upper

99 100

42 14.2 12.1 18.1

71 30.3 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: BM049894.D

Acq: 11 Apr 2025 10:17

Tgt Ion:136 Resp: 1686208

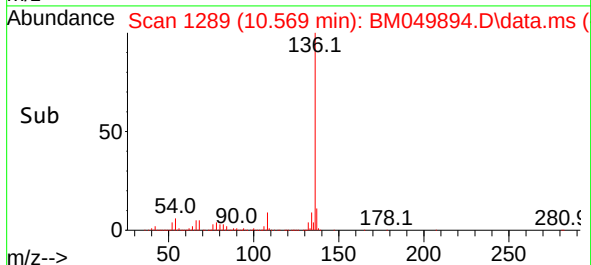
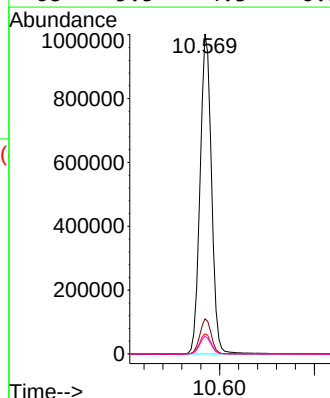
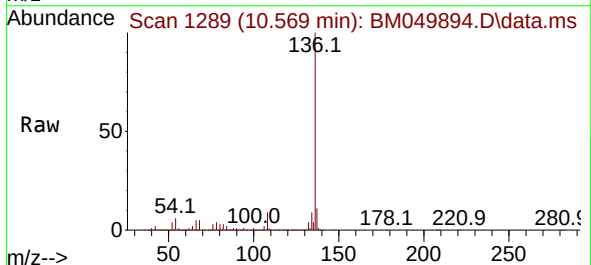
Ion Ratio Lower Upper

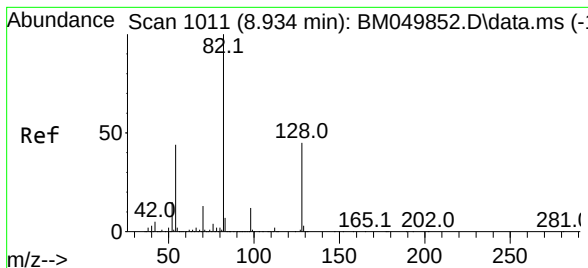
136 100

137 11.0 8.4 12.6

54 6.3 5.3 7.9

68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 93.145 ng

RT: 8.934 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BM049894.D

Acq: 11 Apr 2025 10:17

Instrument :

BNA_M

ClientSampleId :

PB167544BL

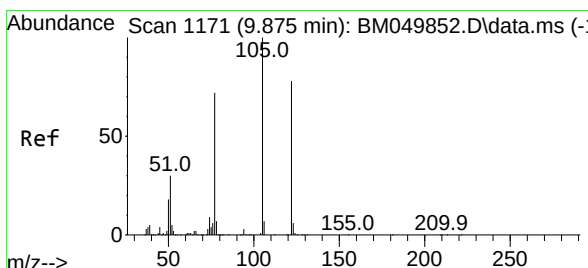
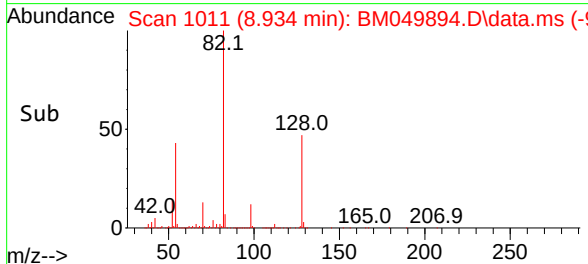
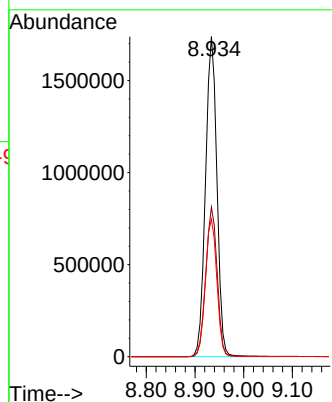
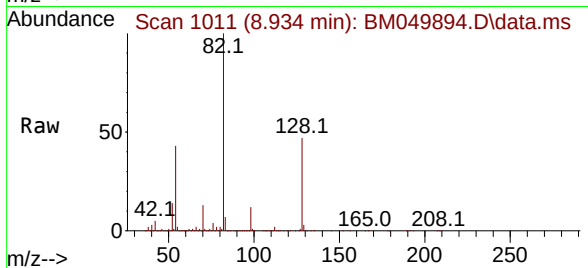
Tgt Ion: 82 Resp: 2820535

Ion Ratio Lower Upper

82 100

128 46.8 36.2 54.2

54 43.0 35.0 52.6



#32

Benzoic acid

Concen: 8.542 ng

RT: 9.875 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BM049894.D

Acq: 11 Apr 2025 10:17

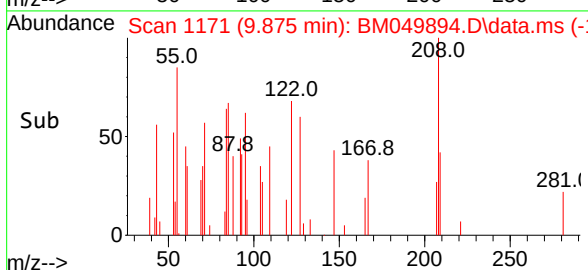
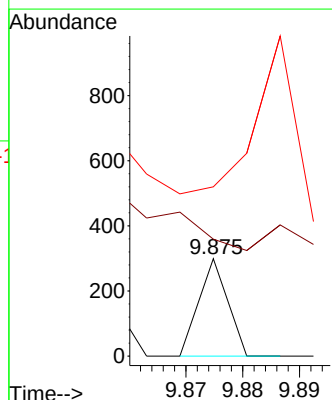
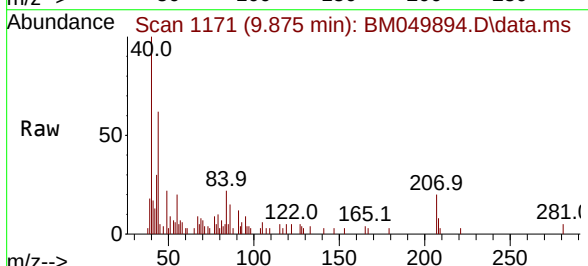
Tgt Ion:122 Resp: 106

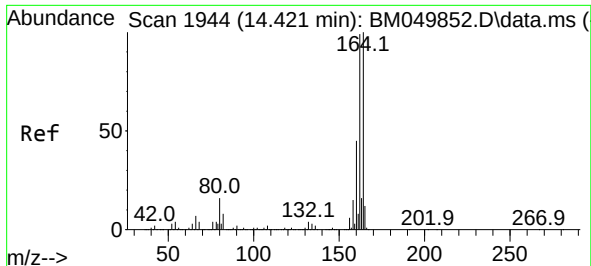
Ion Ratio Lower Upper

122 100

105 120.1 103.8 143.8

77 173.9 70.7 110.7#

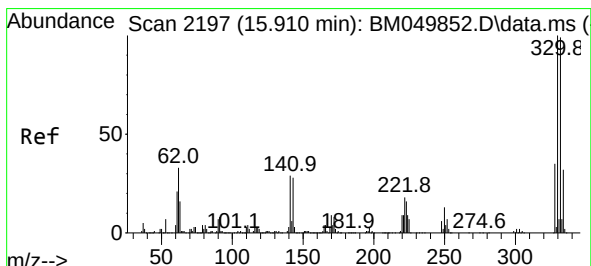
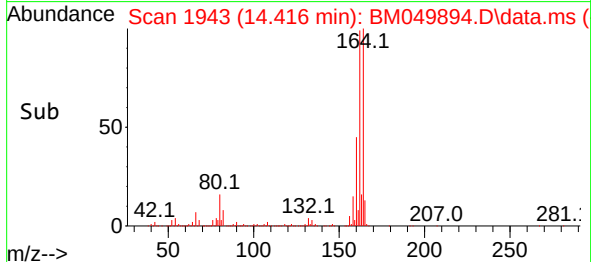
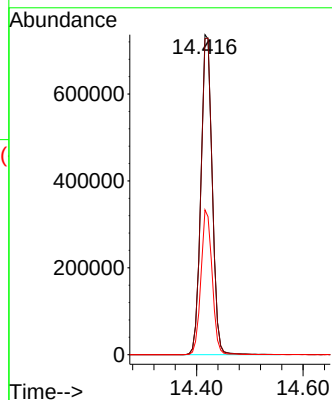
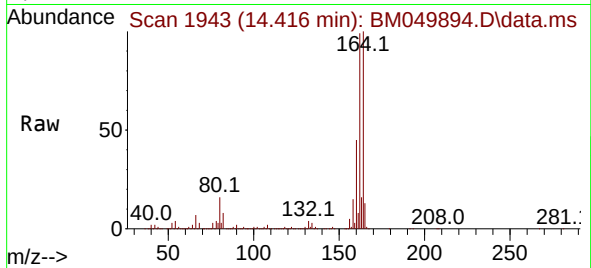




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

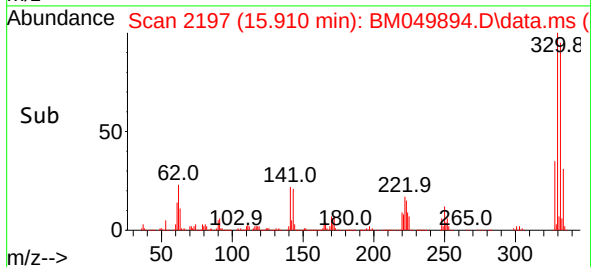
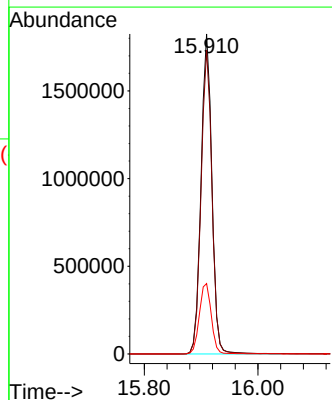
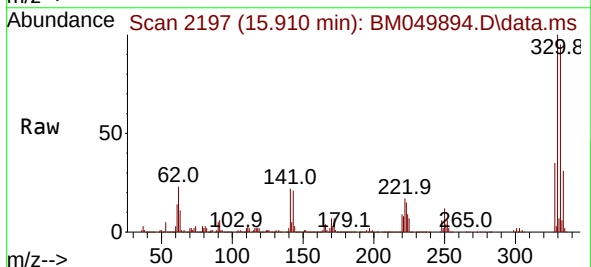
Instrument :
BNA_M
ClientSampleId :
PB167544BL

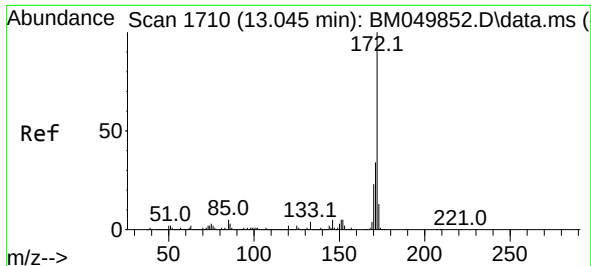
Tgt Ion:164 Resp: 1083671
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 45.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 153.857 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:330 Resp: 2425155
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 24.3 23.5 35.3

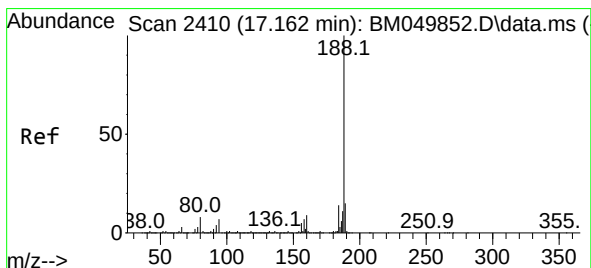
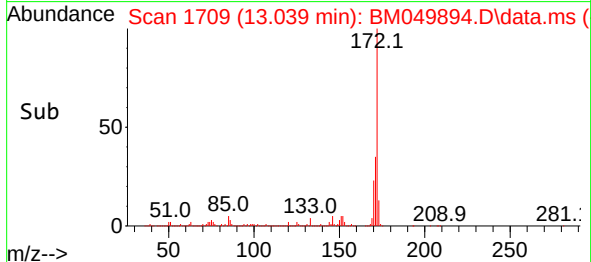
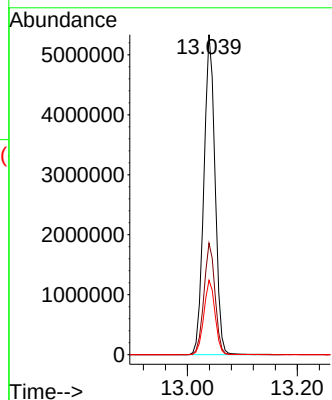
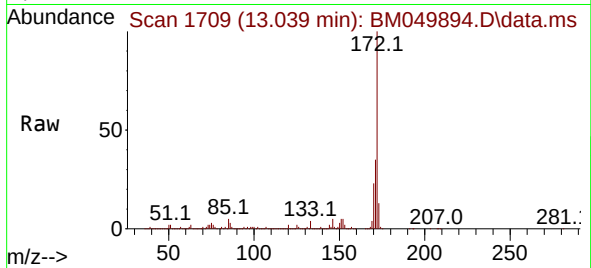




#45
2-Fluorobiphenyl
Concen: 94.597 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

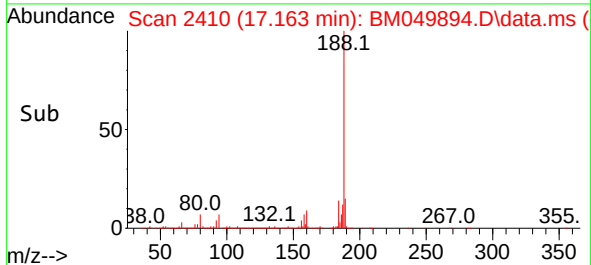
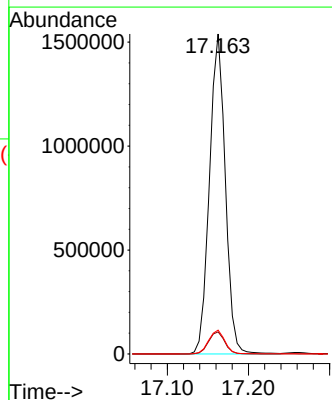
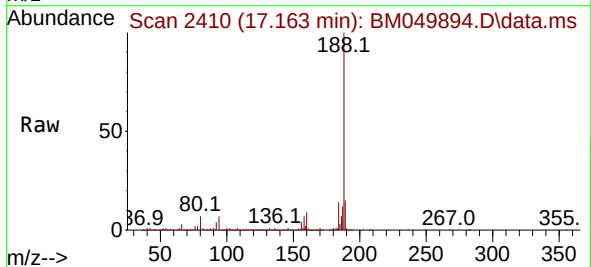
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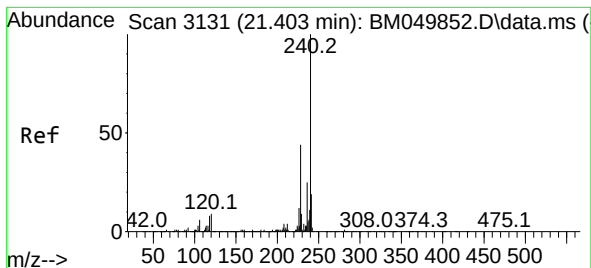
Tgt Ion:172 Resp: 7559795
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.2
170 23.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:188 Resp: 2084347
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.5 6.4 9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049894.D

Acq: 11 Apr 2025 10:17

Instrument :

BNA_M

ClientSampleId :

PB167544BL

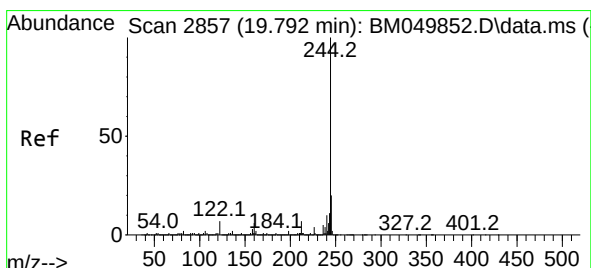
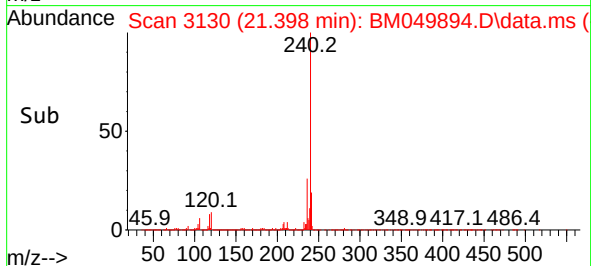
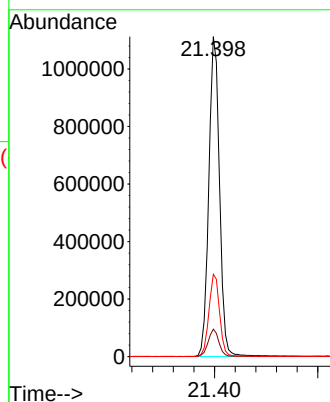
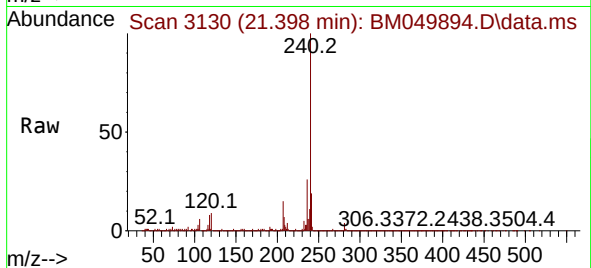
Tgt Ion:240 Resp: 1600250

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 25.7 20.4 30.6



#79

Terphenyl-d14

Concen: 121.370 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049894.D

Acq: 11 Apr 2025 10:17

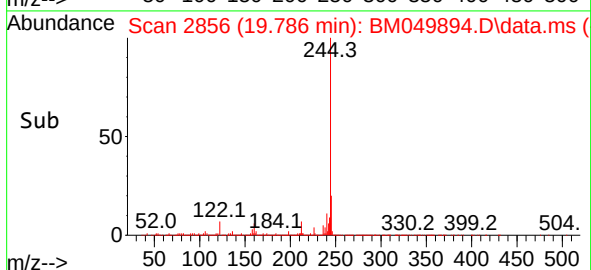
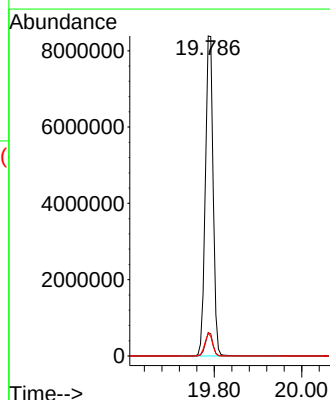
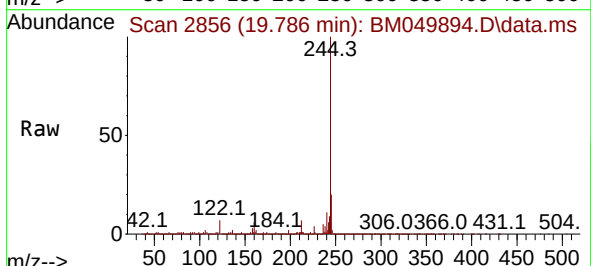
Tgt Ion:244 Resp:10363780

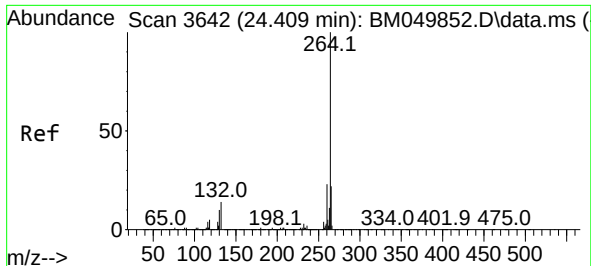
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 7.1 5.4 8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:264 Resp: 1555142

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.8	26.8

