

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
 Data File : BM050478.D
 Acq On : 17 Jul 2025 17:17
 Operator : RC/JU
 Sample : Q2605-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VB16135

Quant Time: Jul 17 18:11:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	494460	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	1766095	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	1123391	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	2323089	20.000	ng	0.00
76) Chrysene-d12	21.427	240	2420132	20.000	ng	0.00
86) Perylene-d12	24.456	264	2634526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3362226	117.046	ng	0.00
7) Phenol-d6	7.011	99	3871242	106.905	ng	0.00
23) Nitrobenzene-d5	8.999	82	2744219	79.274	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2121093	155.399	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	6912790	75.992	ng	0.00
79) Terphenyl-d14	19.821	244	11370933	82.668	ng	0.00

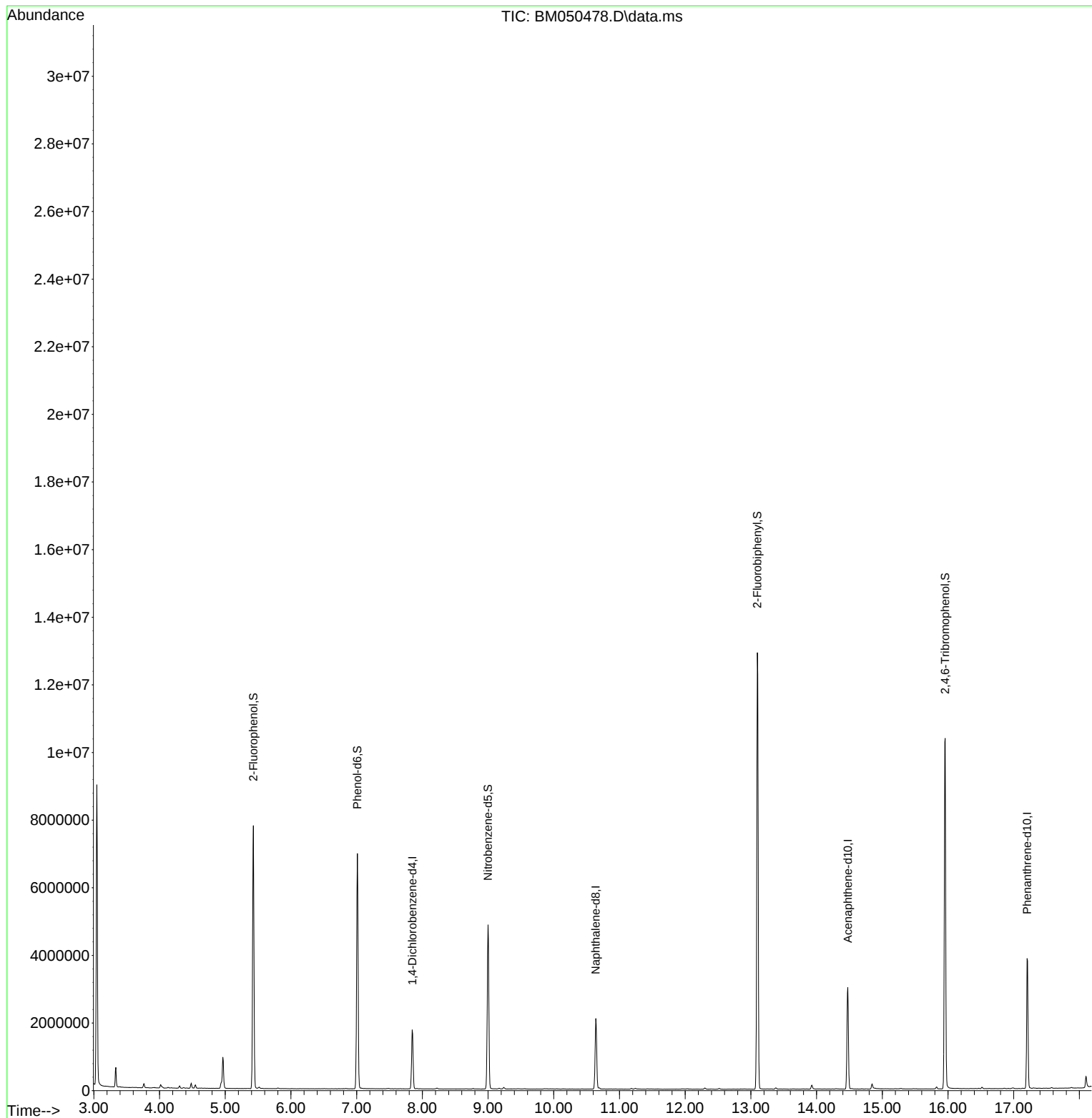
Target Compounds	Qvalue

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

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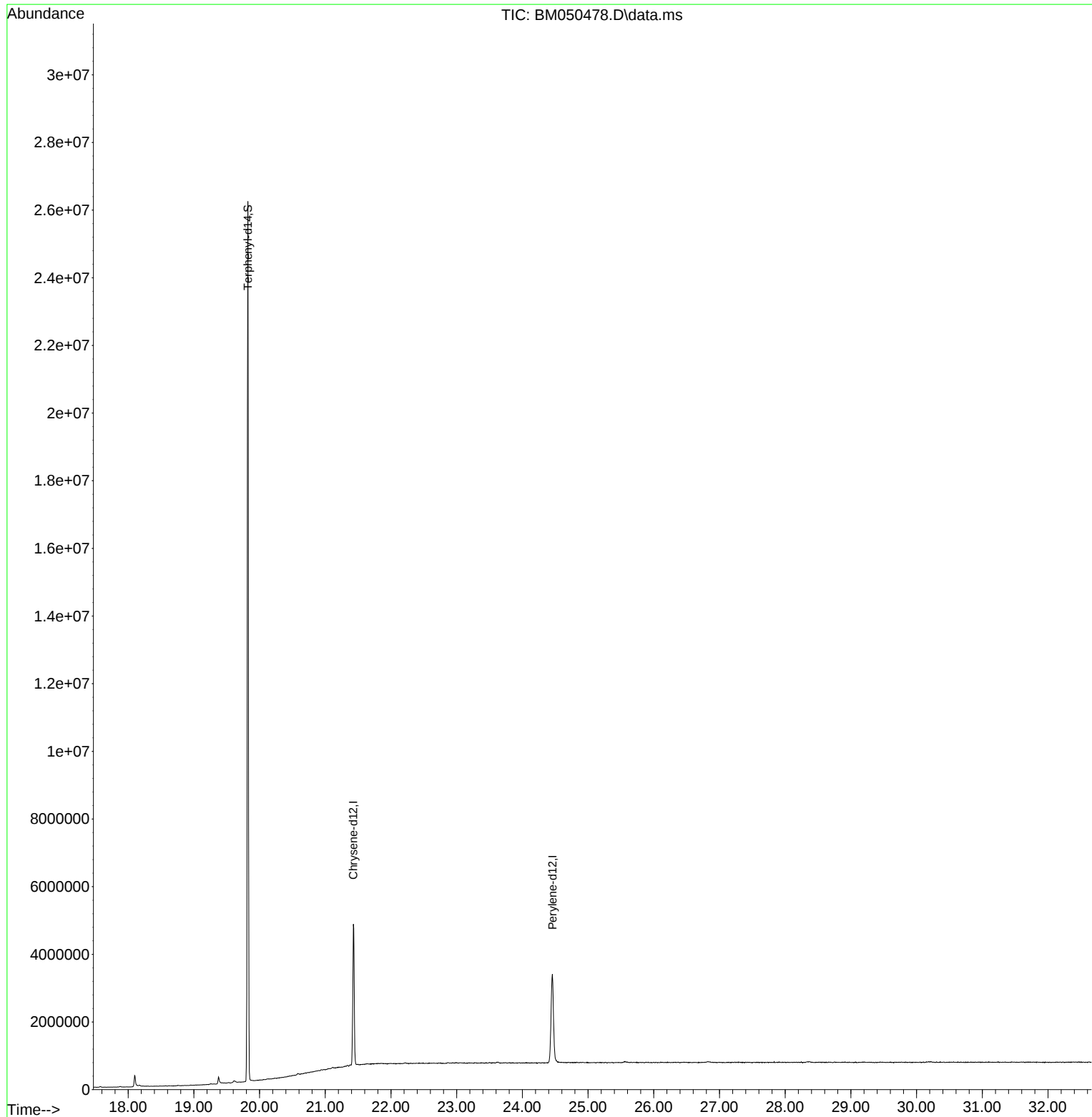
Quant Time: Jul 17 18:11:22 2025
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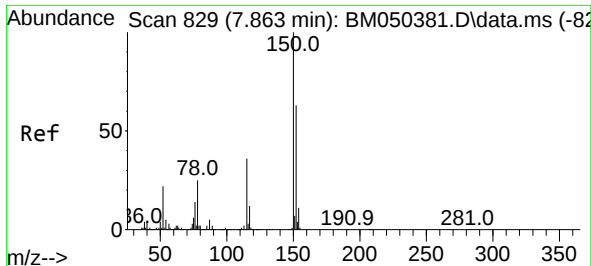


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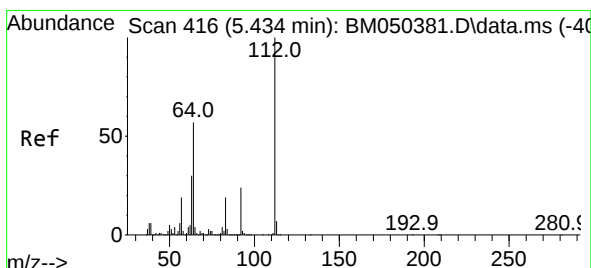
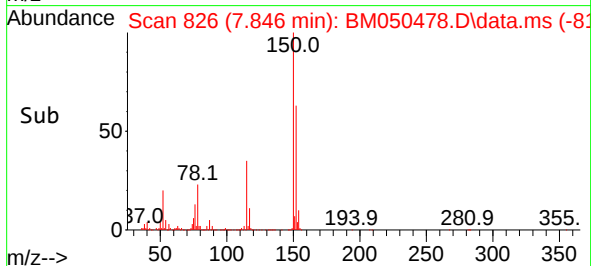
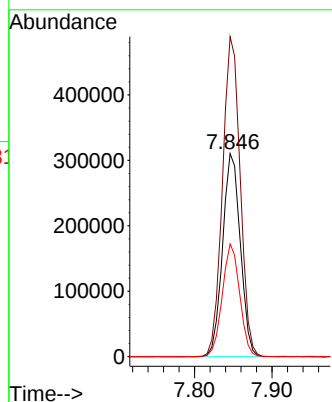
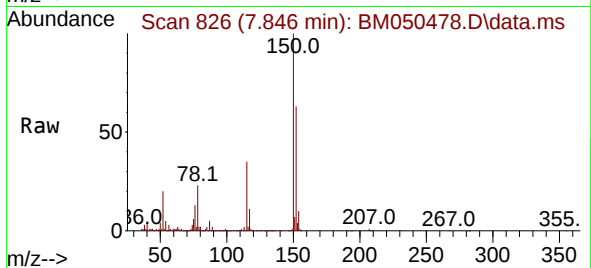




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BM050478.D
 Acq: 17 Jul 2025 17:17

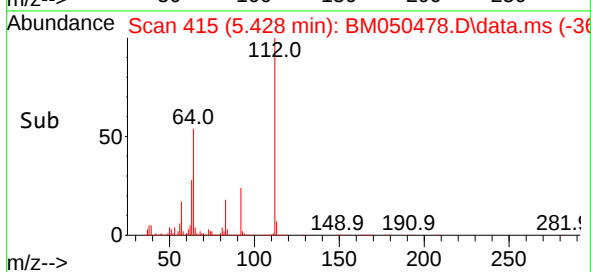
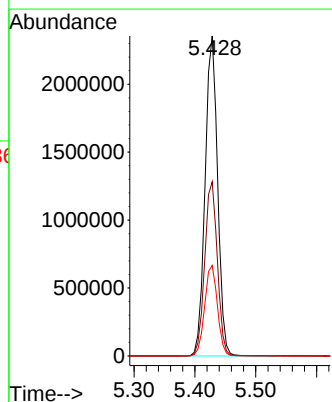
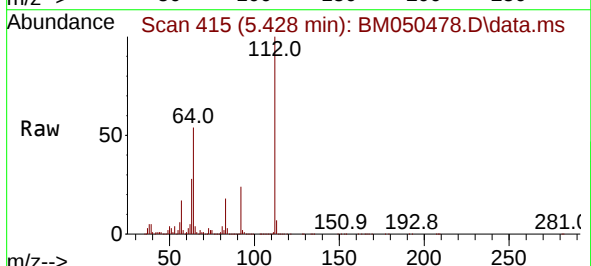
Instrument :
 BNA_M
 ClientSampleId :
 VB16135

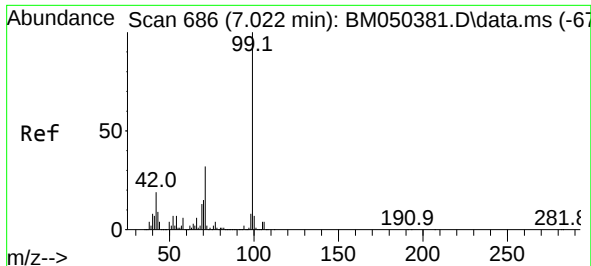
Tgt Ion:152 Resp: 494460
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.4
 115 55.6 45.8 68.8



#5
 2-Fluorophenol
 Concen: 117.046 ng
 RT: 5.428 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: BM050478.D
 Acq: 17 Jul 2025 17:17

Tgt Ion:112 Resp: 3362226
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.5 68.3
 63 28.3 24.2 36.4



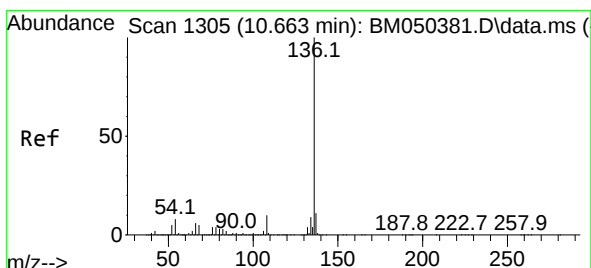
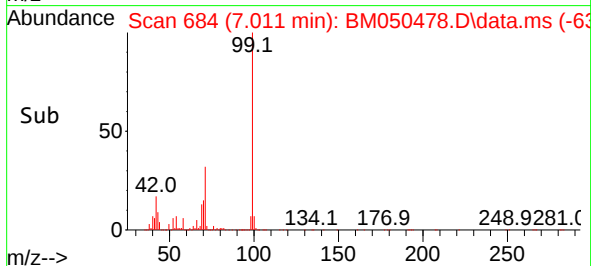
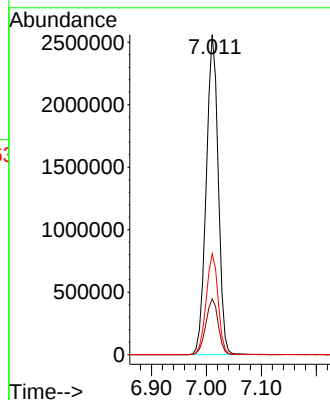
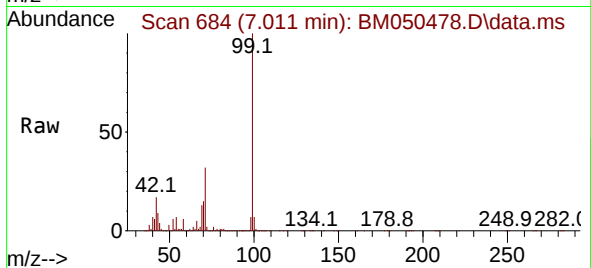


#7
Phenol-d6
Concen: 106.905 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050478.D
Acq: 17 Jul 2025 17:17

Instrument :
BNA_M
ClientSampleId :
VB16135

Tgt Ion: 99 Resp: 3871242

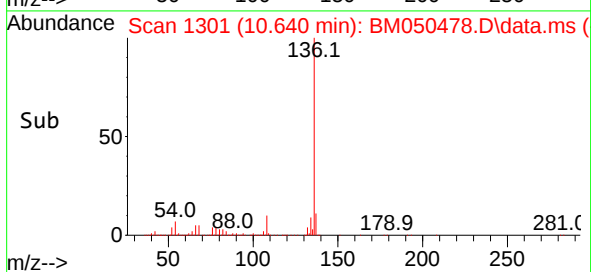
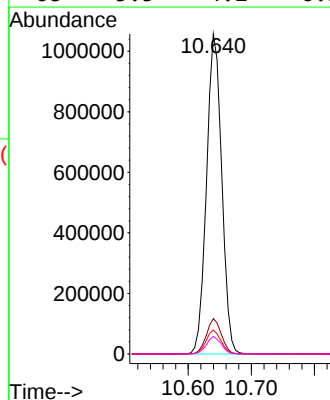
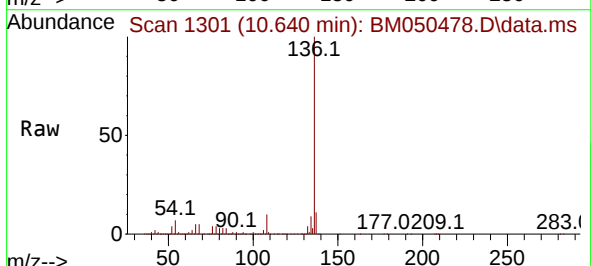
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.6
71	31.6	25.9	38.9

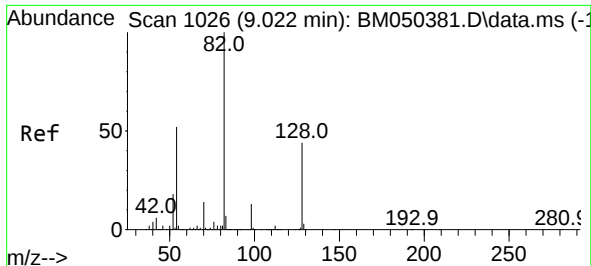


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM050478.D
Acq: 17 Jul 2025 17:17

Tgt Ion: 136 Resp: 1766095

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	6.3	9.5
68	5.5	4.2	6.2

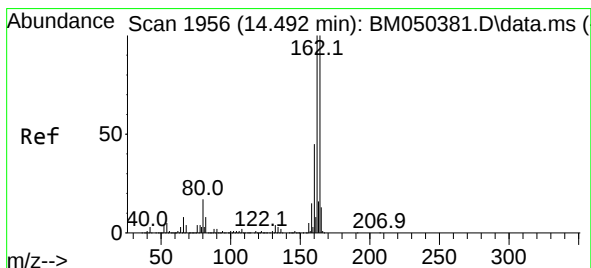
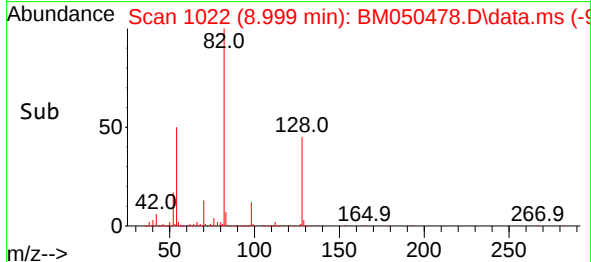
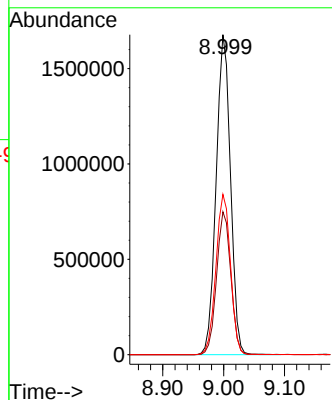
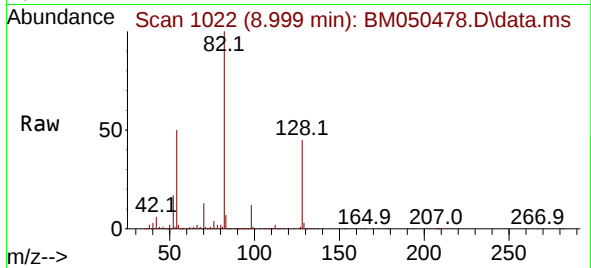




#23
 Nitrobenzene-d5
 Concen: 79.274 ng
 RT: 8.999 min Scan# 1026
 Delta R.T. -0.005 min
 Lab File: BM050478.D
 Acq: 17 Jul 2025 17:17

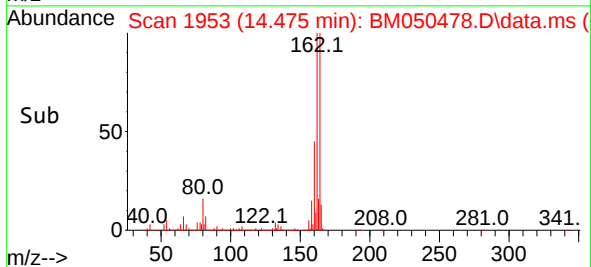
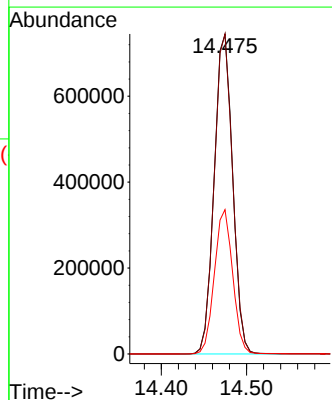
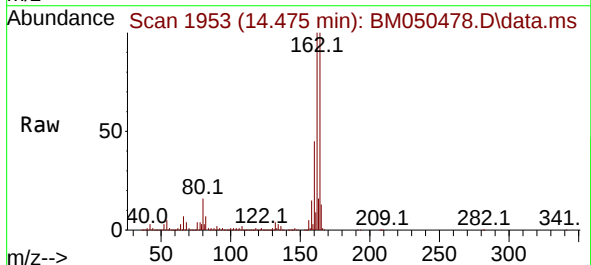
Instrument :
 BNA_M
 ClientSampleId :
 VB16135

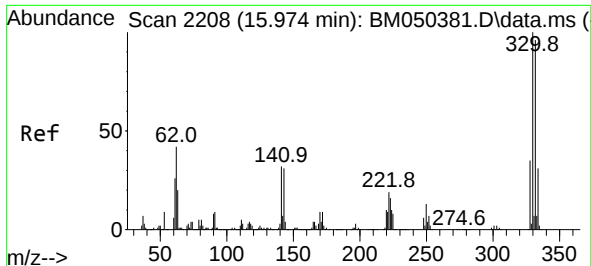
Tgt Ion: 82 Resp: 2744219
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.2 52.8
 54 50.1 41.5 62.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.475 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: BM050478.D
 Acq: 17 Jul 2025 17:17

Tgt Ion:164 Resp: 1123391
 Ion Ratio Lower Upper
 164 100
 162 100.2 79.9 119.9
 160 45.2 36.2 54.4

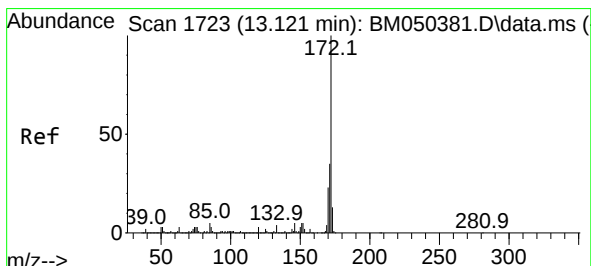
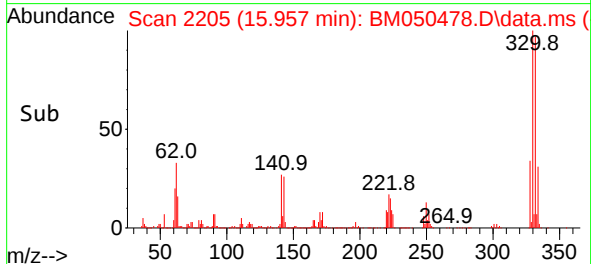
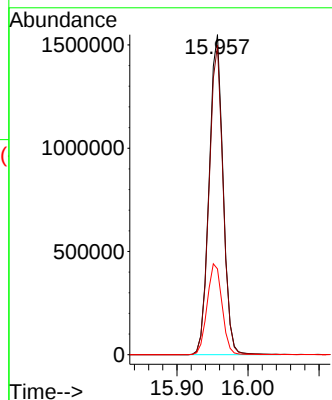
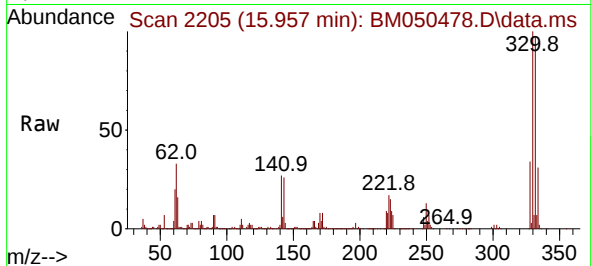




#42
2,4,6-Tribromophenol
Concen: 155.399 ng
RT: 15.957 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050478.D
Acq: 17 Jul 2025 17:17

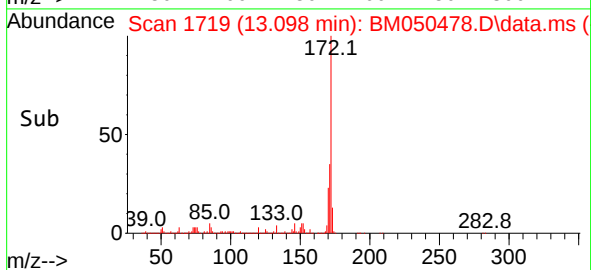
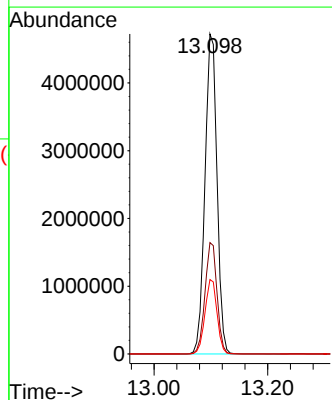
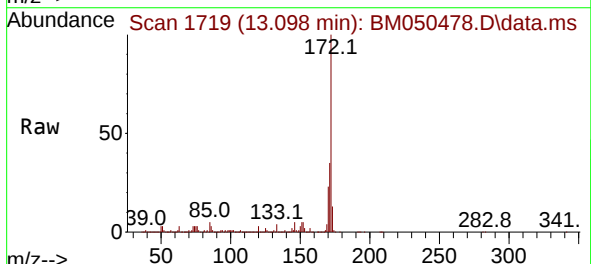
Instrument :
BNA_M
ClientSampleId :
VB16135

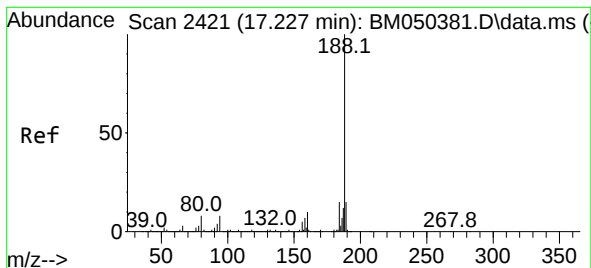
Tgt Ion:330 Resp: 2121093
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 30.4 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 75.992 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BM050478.D
Acq: 17 Jul 2025 17:17

Tgt Ion:172 Resp: 6912790
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.005 min

Lab File: BM050478.D

Acq: 17 Jul 2025 17:17

Instrument :

BNA_M

ClientSampleId :

VB16135

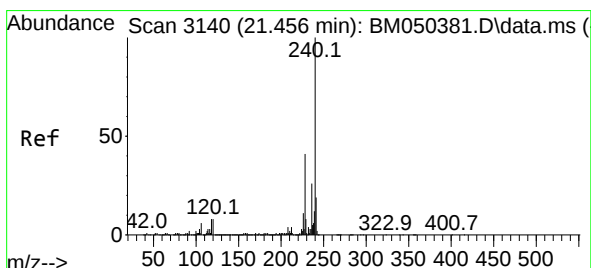
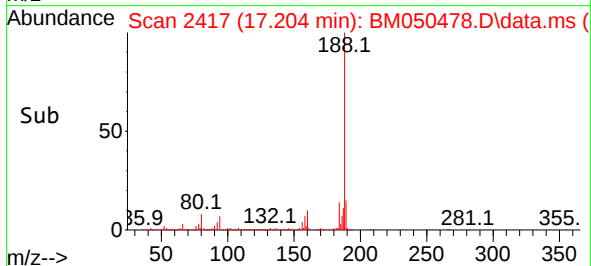
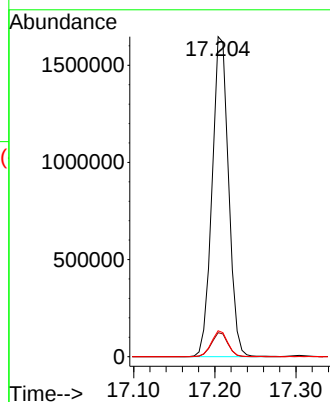
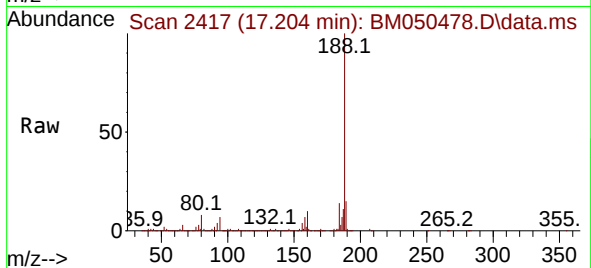
Tgt Ion:188 Resp: 2323089

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

80 8.1 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BM050478.D

Acq: 17 Jul 2025 17:17

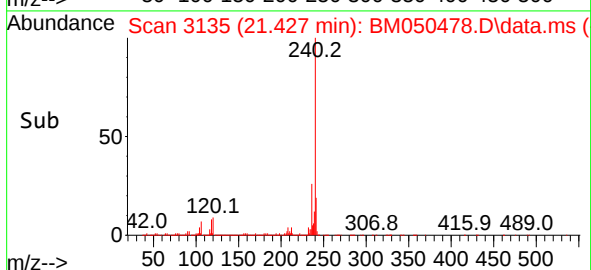
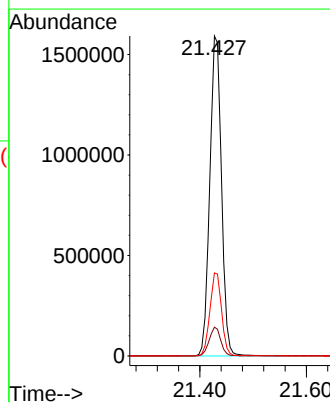
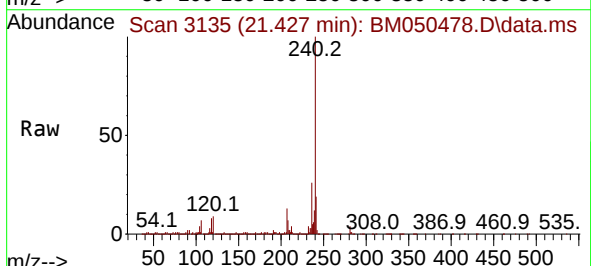
Tgt Ion:240 Resp: 2420132

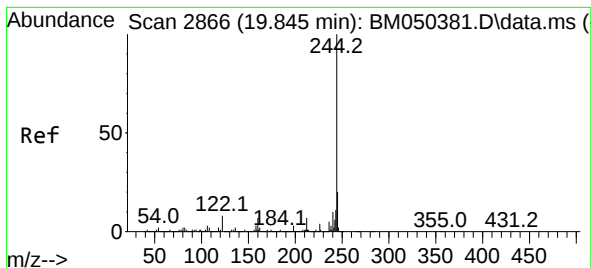
Ion Ratio Lower Upper

240 100

120 9.0 6.7 10.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 82.668 ng

RT: 19.821 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM050478.D

Acq: 17 Jul 2025 17:17

Instrument :

BNA_M

ClientSampleId :

VB16135

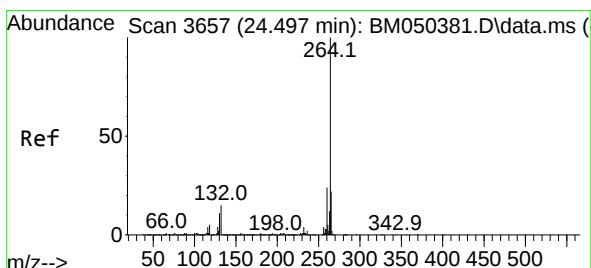
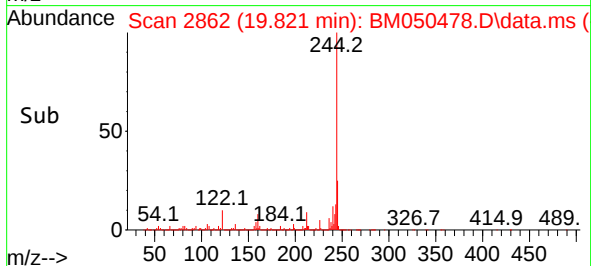
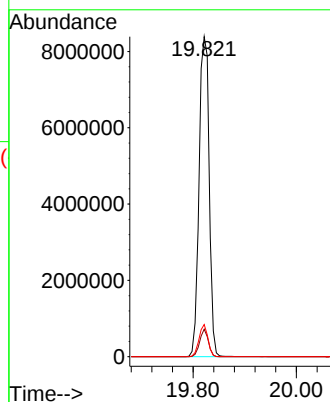
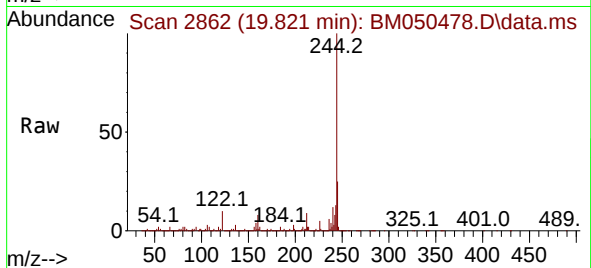
Tgt Ion:244 Resp:11370933

Ion Ratio Lower Upper

244 100

212 8.6 5.7 8.5#

122 10.1 6.2 9.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3650

Delta R.T. 0.000 min

Lab File: BM050478.D

Acq: 17 Jul 2025 17:17

Tgt Ion:264 Resp: 2634526

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.8 26.6

