

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142579.D
 Acq On : 30 May 2025 19:45
 Operator : RC/JU
 Sample : Q2150-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-51

Quant Time: May 30 22:29:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

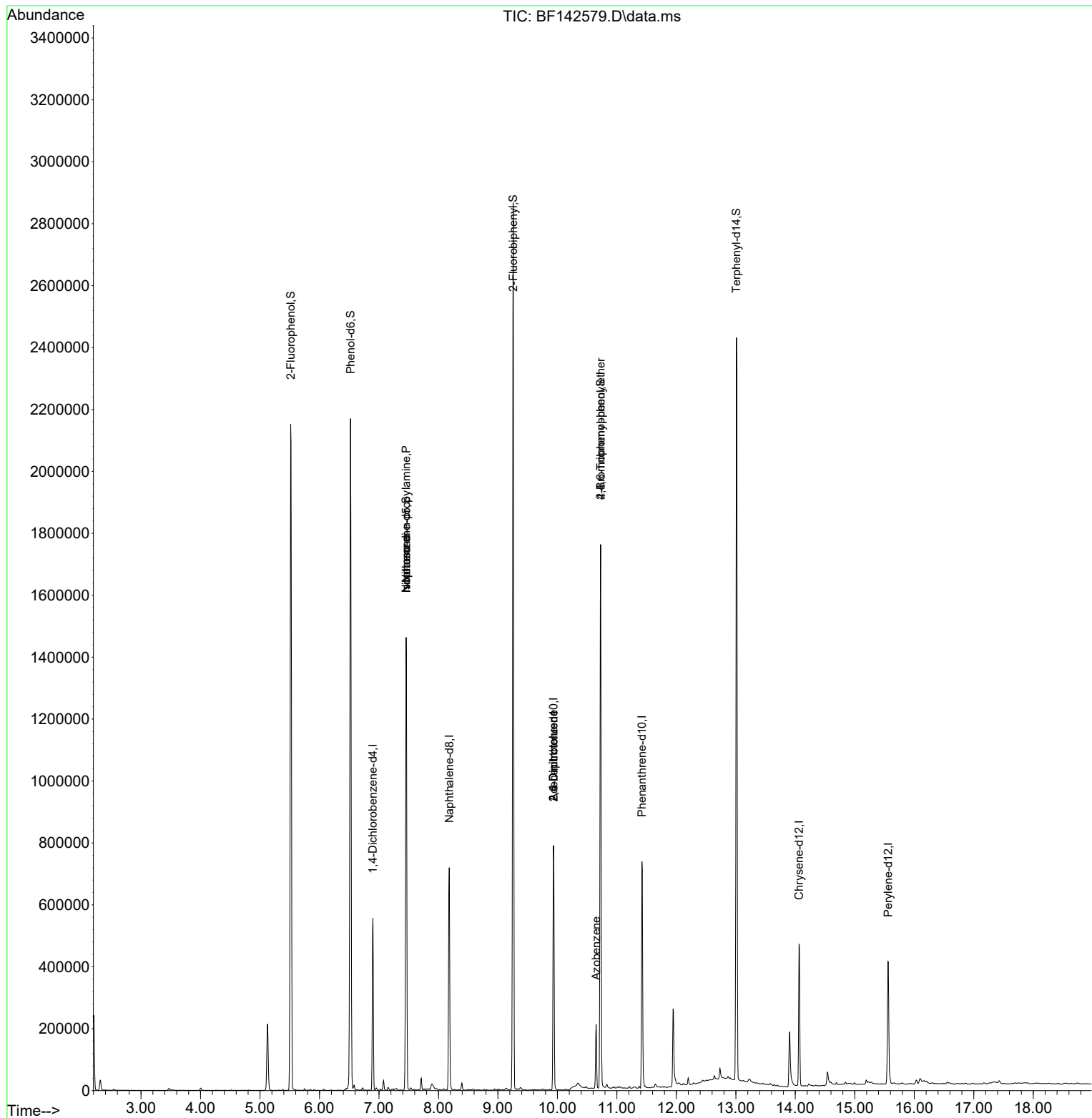
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123122	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	465540	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	241553	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	396120	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	234971	20.000	ng	-0.01
86) Perylene-d12	15.562	264	241563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	892849	122.174	ng	0.00
7) Phenol-d6	6.522	99	1110920	126.283	ng	-0.01
23) Nitrobenzene-d5	7.457	82	666097	78.020	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	325495	121.411	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1311542	72.858	ng	-0.01
79) Terphenyl-d14	13.010	244	1212570	70.521	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	88784	16.285	ng	# 75
25) Isophorone	7.457	82	631137	44.215	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	30569	8.886	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	30569	6.804	ng	# 28
63) Azobenzene	10.651	77	47671	3.410	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	19964	4.262	ng	# 1

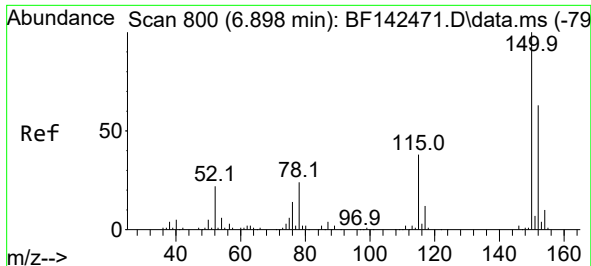
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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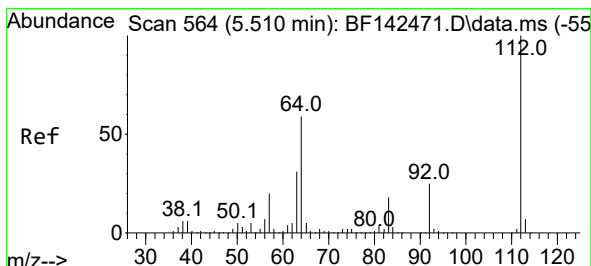
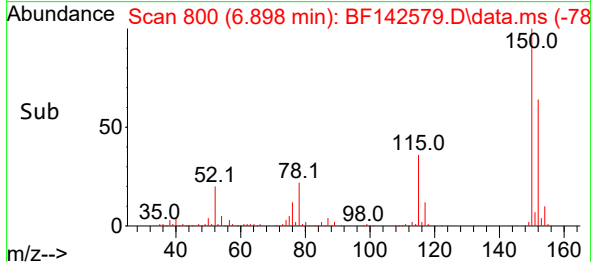
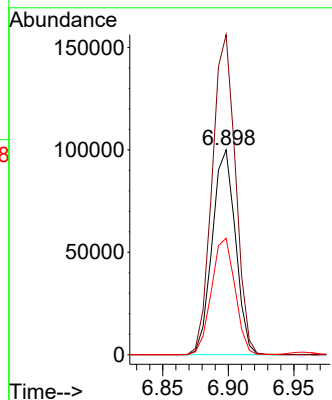
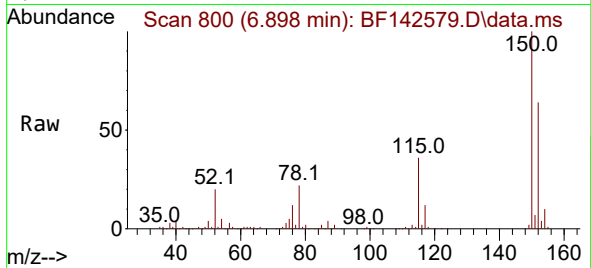




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

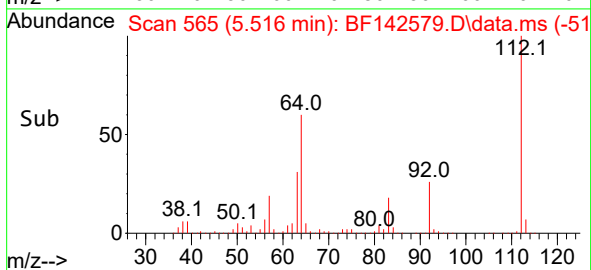
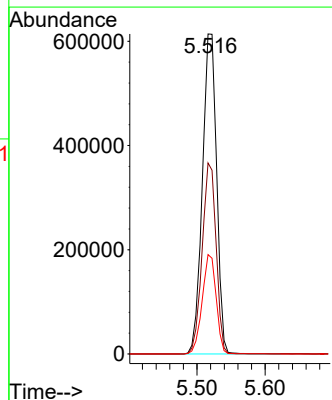
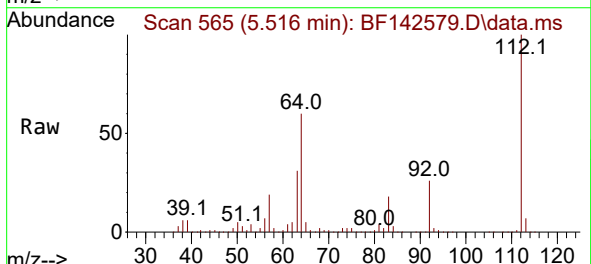
Instrument :
BNA_F
ClientSampleId :
TP-51

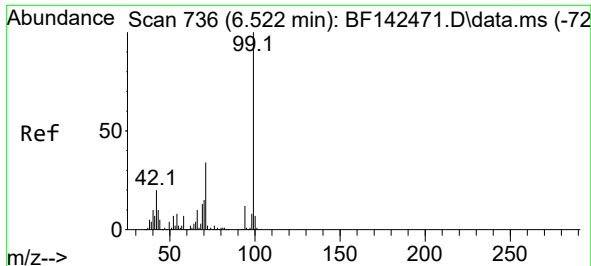
Tgt Ion:152 Resp: 123122
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 122.174 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:112 Resp: 892849
Ion Ratio Lower Upper
112 100
64 59.7 47.5 71.3
63 31.1 24.9 37.3

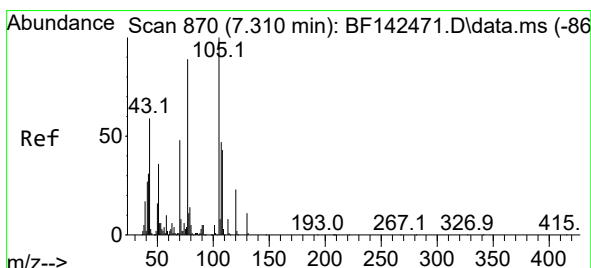
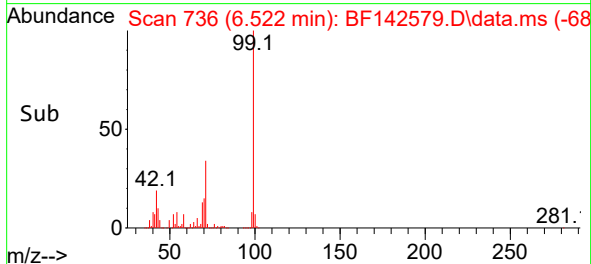
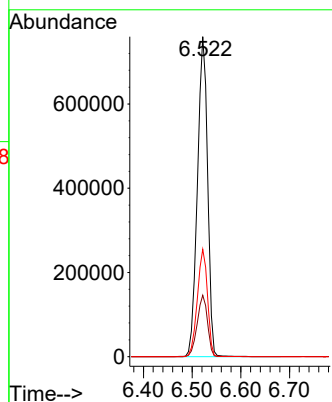
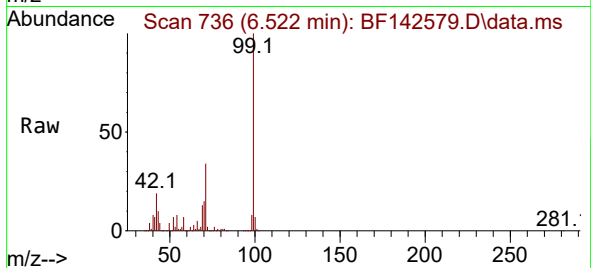




#7
Phenol-d6
Concen: 126.283 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

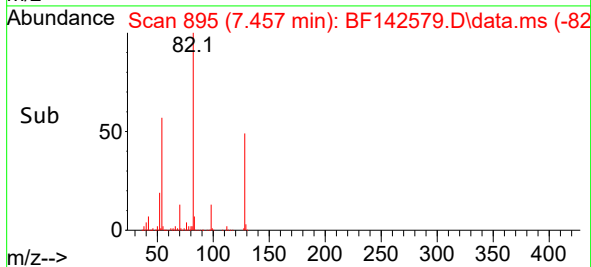
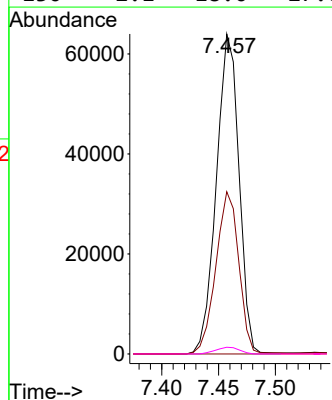
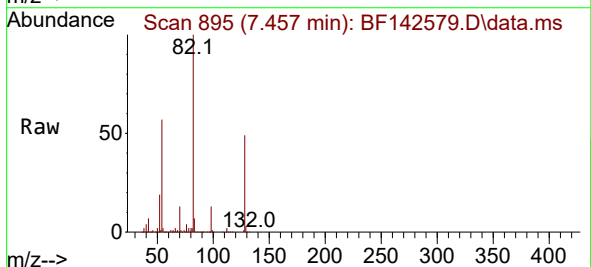
Instrument :
BNA_F
ClientSampleId :
TP-51

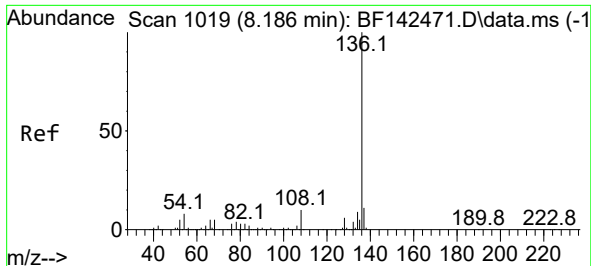
Tgt Ion: 99 Resp: 1110920
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 33.6 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.285 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion: 70 Resp: 88784
Ion Ratio Lower Upper
70 100
42 50.7 52.4 78.6#
101 0.0 7.8 11.8#
130 2.1 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142579.D

Acq: 30 May 2025 19:45

Instrument :

BNA_F

ClientSampleId :

TP-51

Tgt Ion:136 Resp: 465540

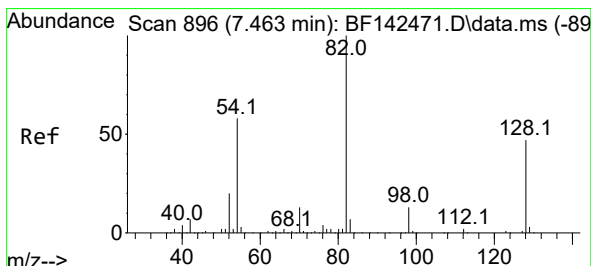
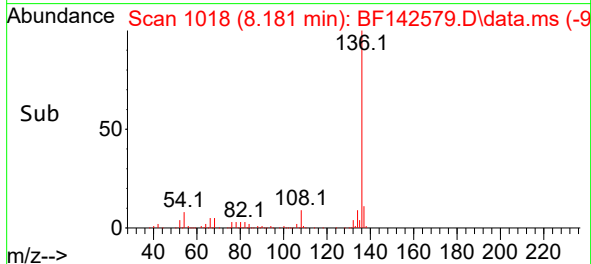
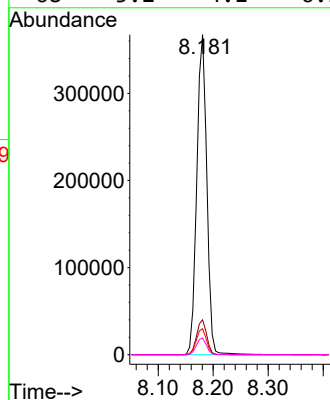
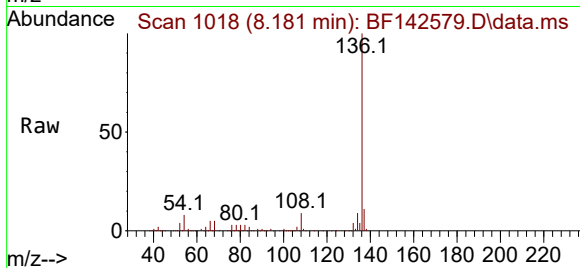
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.1 6.6 10.0

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 78.020 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142579.D

Acq: 30 May 2025 19:45

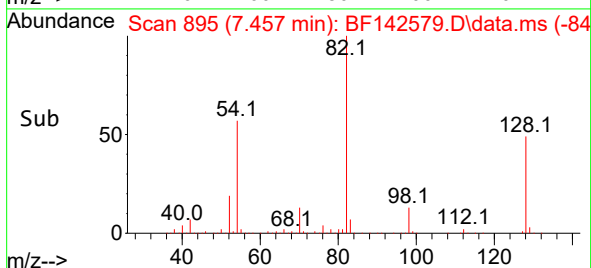
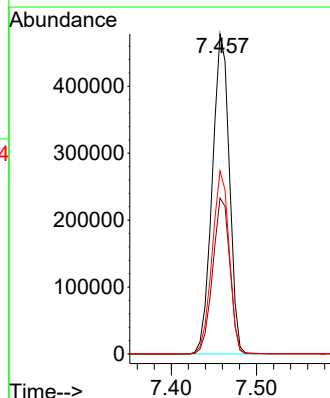
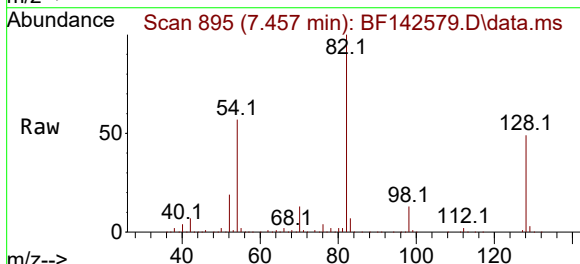
Tgt Ion: 82 Resp: 666097

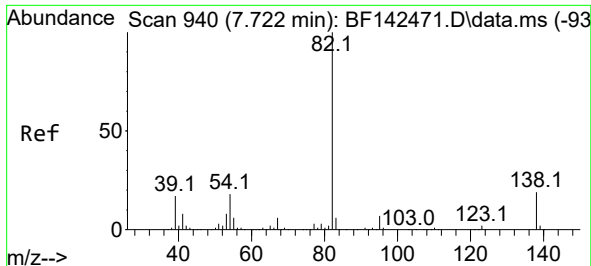
Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 57.2 46.6 70.0

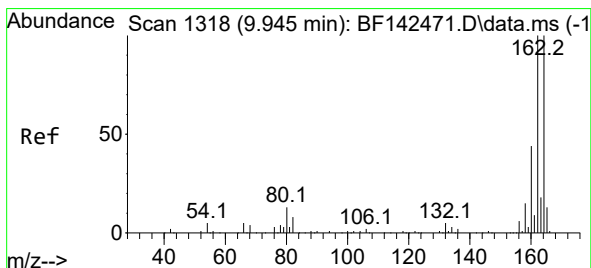
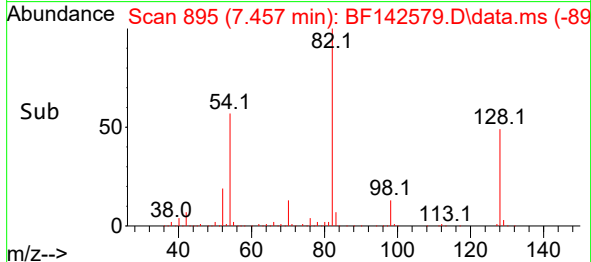
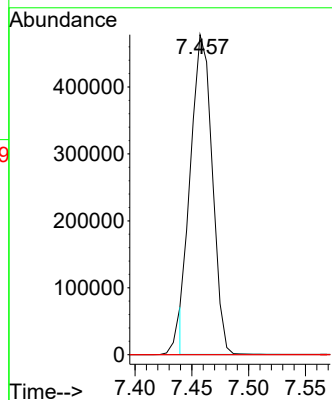
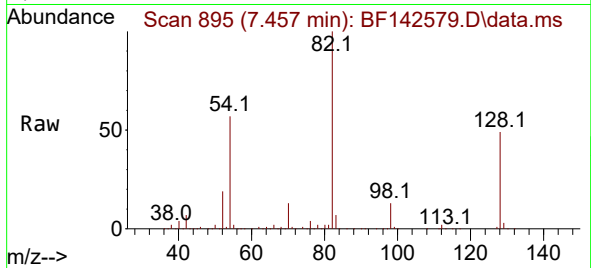




#25
Isophorone
Concen: 44.215 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

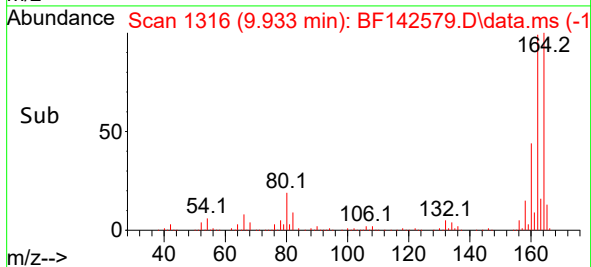
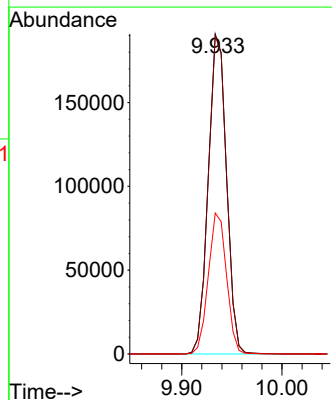
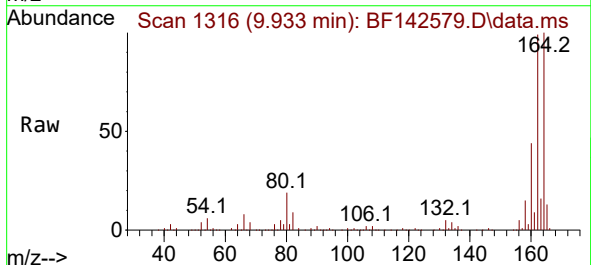
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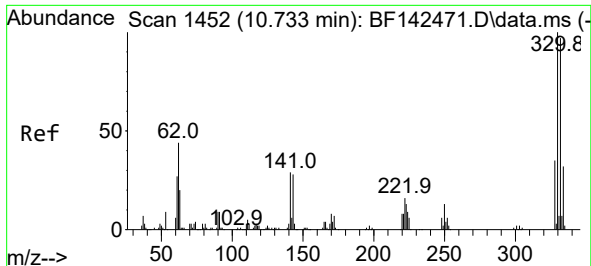
Tgt Ion: 82 Resp: 631137
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion: 164 Resp: 241553
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.4
160 44.0 35.6 53.4

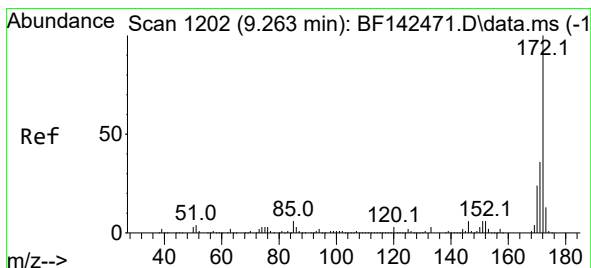
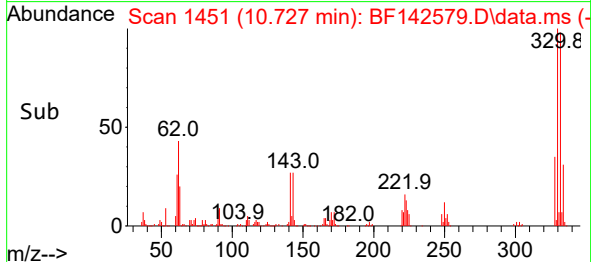
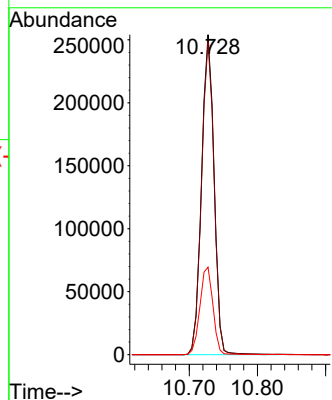
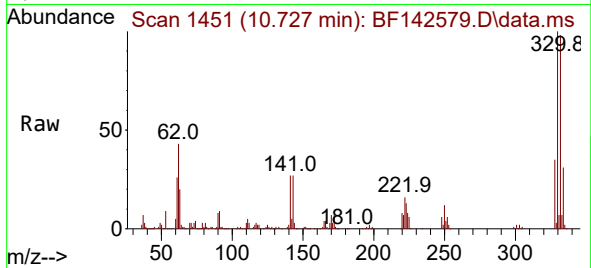




#42
2,4,6-Tribromophenol
Concen: 121.411 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

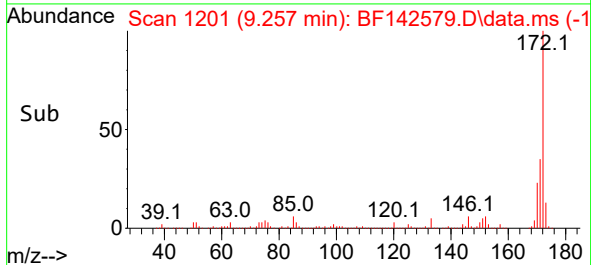
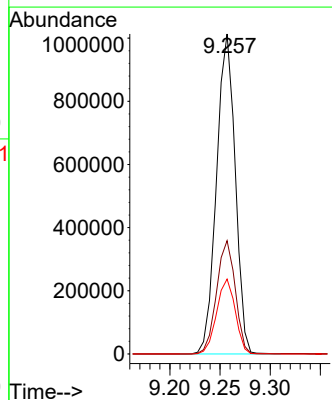
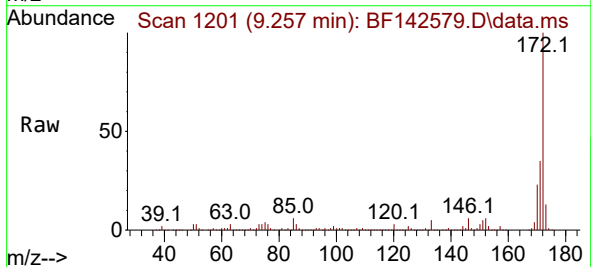
Instrument :
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ClientSampleId :
TP-51

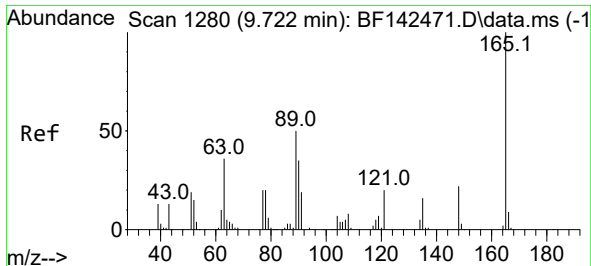
Tgt Ion: 330 Resp: 325495
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 28.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 72.858 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion: 172 Resp: 1311542
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.9 28.3

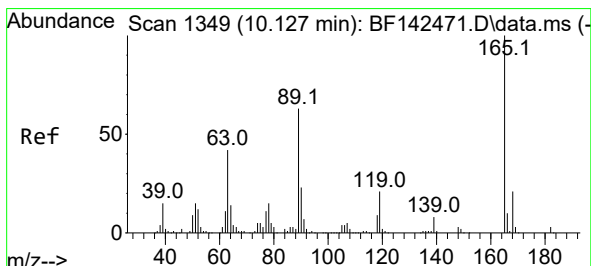
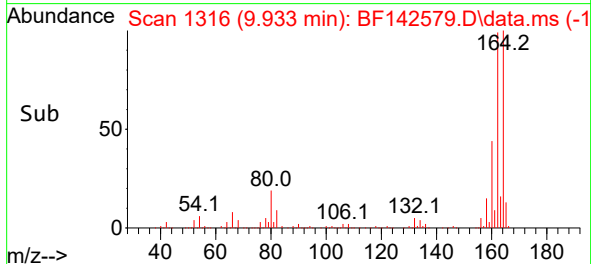
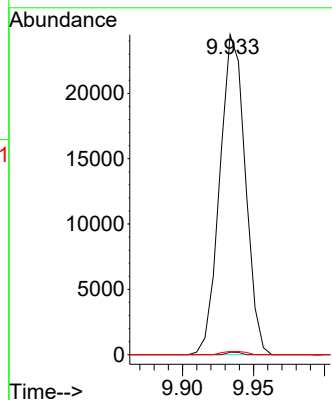
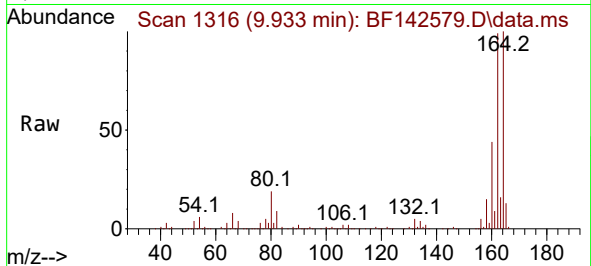




#51
2,6-Dinitrotoluene
Concen: 8.886 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

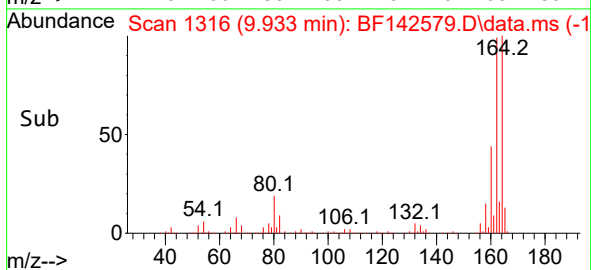
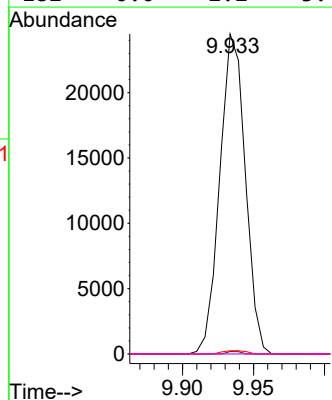
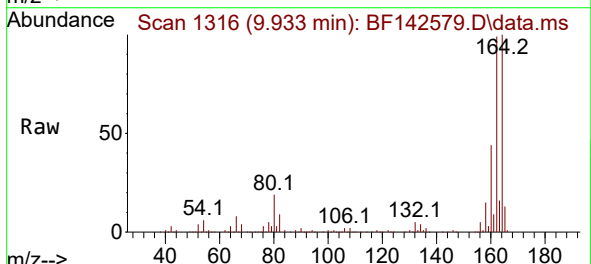
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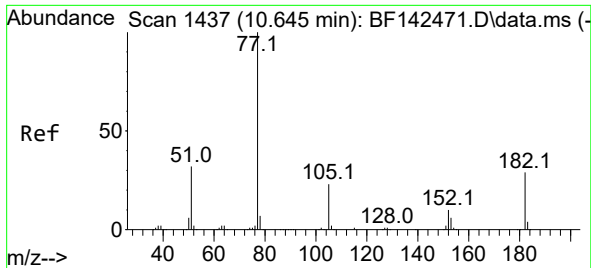
Tgt Ion:165 Resp: 30569
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 1.0 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.804 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:165 Resp: 30569
Ion Ratio Lower Upper
165 100
63 0.8 33.6 50.4#
89 1.0 50.2 75.4#
182 0.0 2.2 3.4#

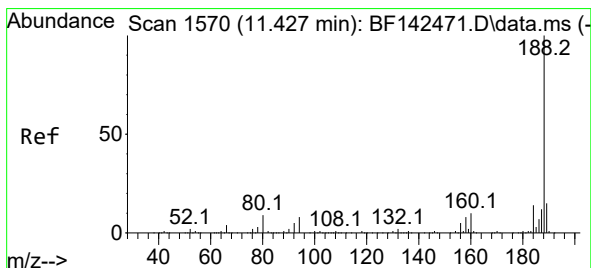
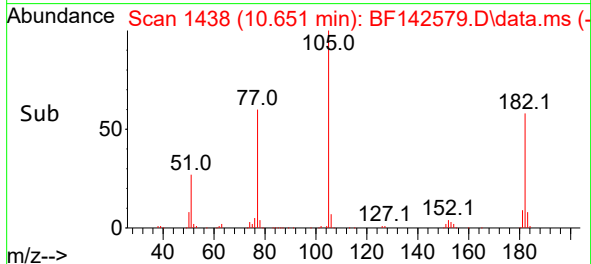
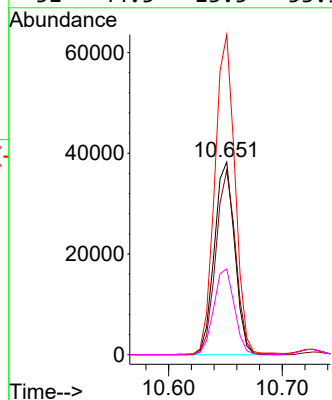
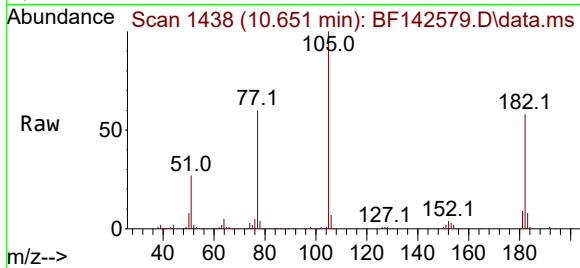




#63
Azobenzene
Concen: 3.410 ng
RT: 10.651 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

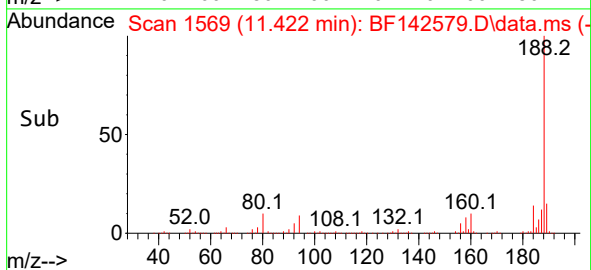
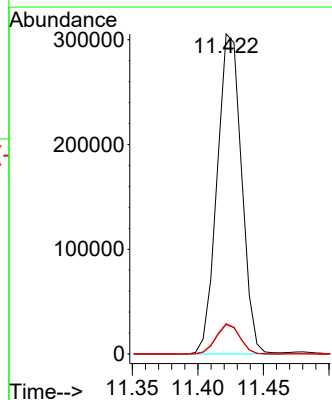
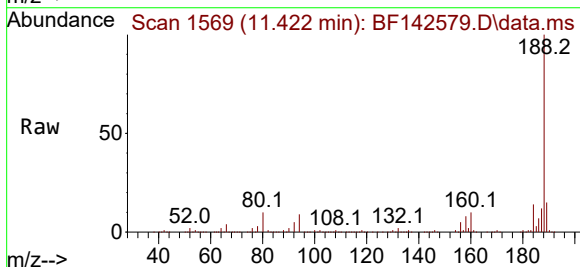
Instrument :
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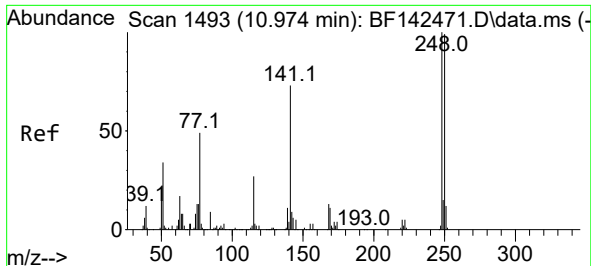
Tgt Ion: 77 Resp: 47671
Ion Ratio Lower Upper
77 100
182 95.6 9.0 49.0#
105 166.2 2.4 42.4#
51 44.5 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion: 188 Resp: 396120
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.5 7.4 11.0

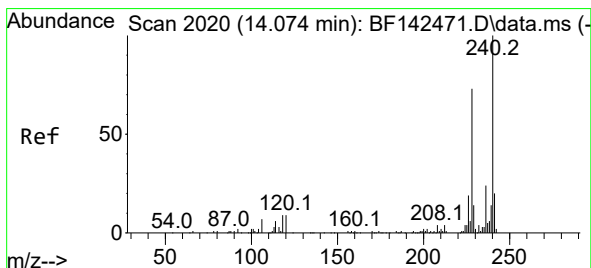
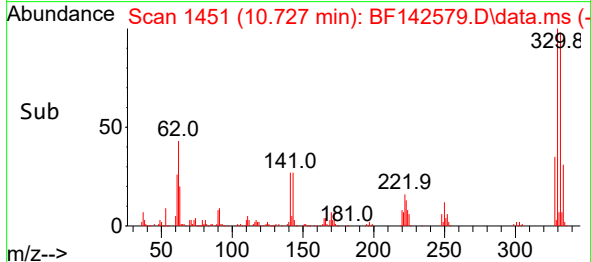
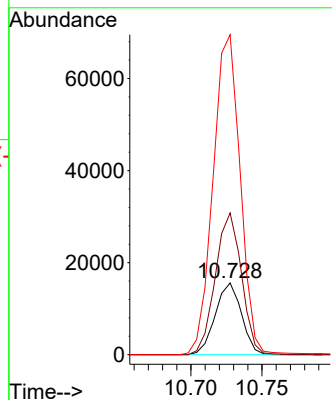
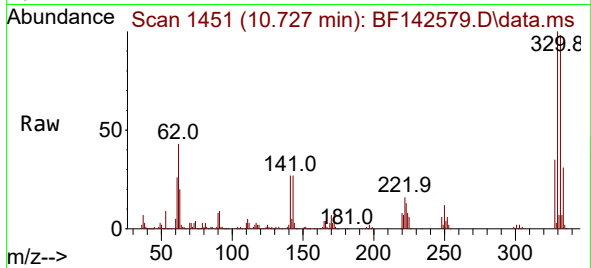




#67
4-Bromophenyl-phenylether
Concen: 4.262 ng
RT: 10.727 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

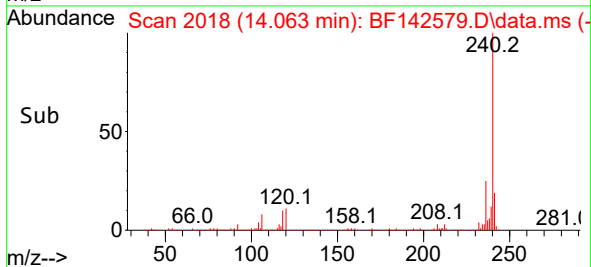
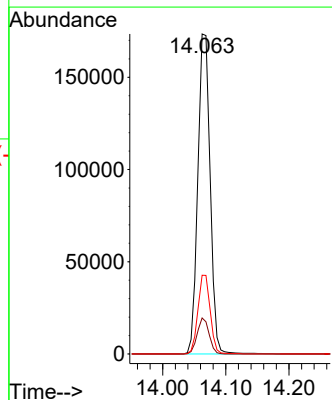
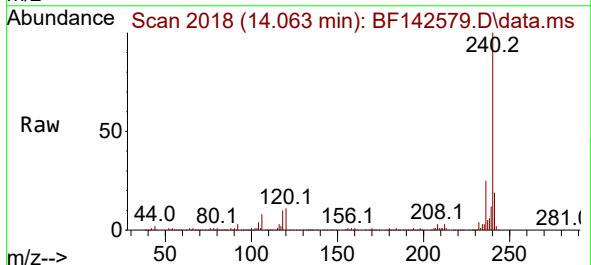
Instrument :
BNA_F
ClientSampleId :
TP-51

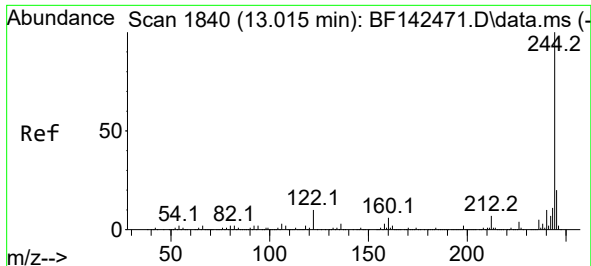
Tgt Ion:248 Resp: 19964
Ion Ratio Lower Upper
248 100
250 197.8 79.0 118.4#
141 446.3 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:240 Resp: 234971
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 24.6 19.6 29.4

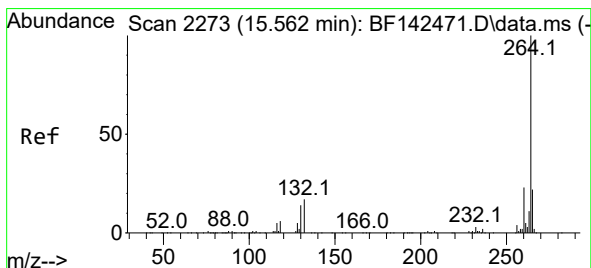
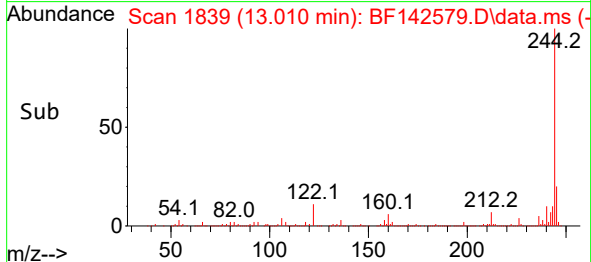
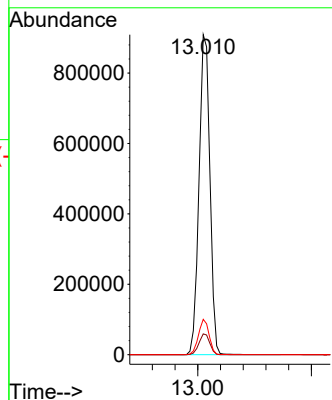
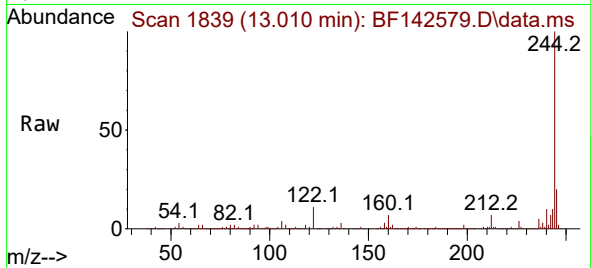




#79
Terphenyl-d14
Concen: 70.521 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Instrument :
BNA_F
ClientSampleId :
TP-51

Tgt Ion:244 Resp: 1212570
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 11.1 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142579.D
Acq: 30 May 2025 19:45

Tgt Ion:264 Resp: 241563
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.3 17.7 26.5

