

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142494.D
 Acq On : 21 May 2025 18:36
 Operator : RC/JU
 Sample : Q2071-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-9

Quant Time: May 22 01:01:43 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)

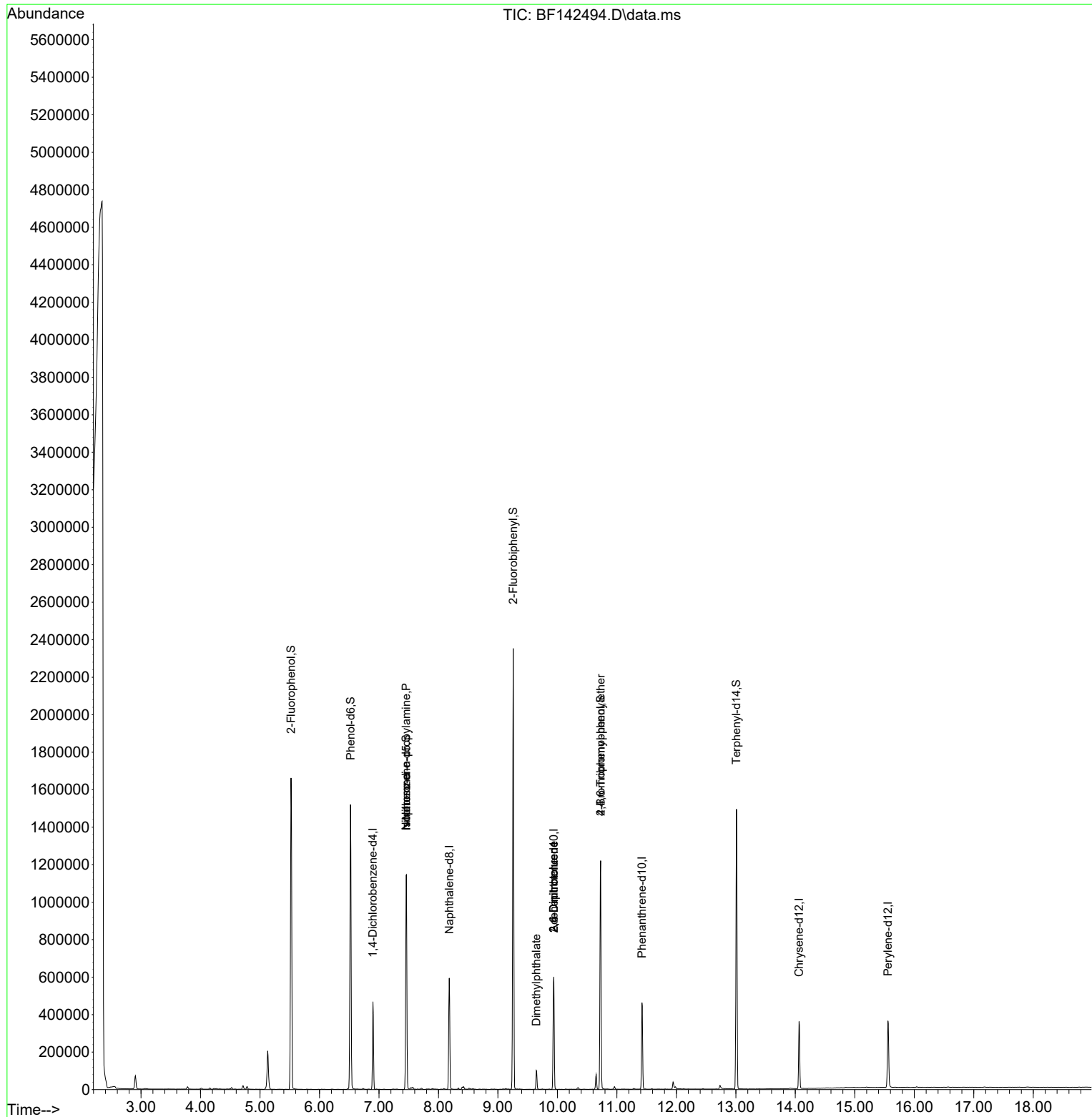
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98850	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	371466	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	182239	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	251745	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	181547	20.000	ng	-0.01
86) Perylene-d12	15.557	264	215609	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	644201	109.795	ng	0.00
7) Phenol-d6	6.522	99	710178	100.551	ng	-0.01
23) Nitrobenzene-d5	7.457	82	510620	74.956	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	221058	109.293	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1037765	76.413	ng	-0.01
79) Terphenyl-d14	13.010	244	719710	54.174	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	69328	15.838	ng	# 76
25) Isophorone	7.457	82	495866	43.536	ng	# 63
50) Dimethylphthalate	9.645	163	59983	4.988	ng	100
51) 2,6-Dinitrotoluene	9.939	165	23420	9.024	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	23420	6.910	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	14170	4.760	ng	# 1

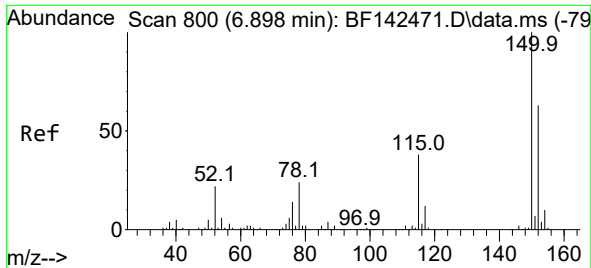
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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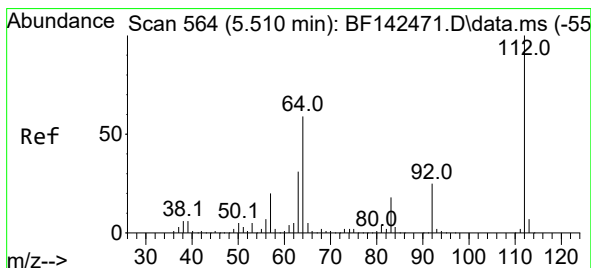
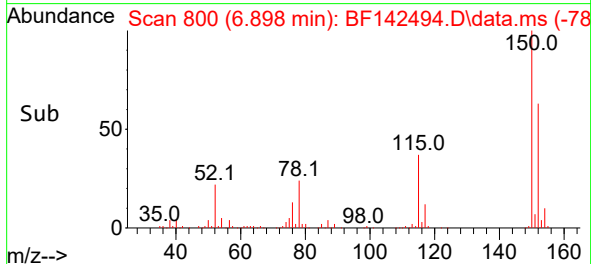
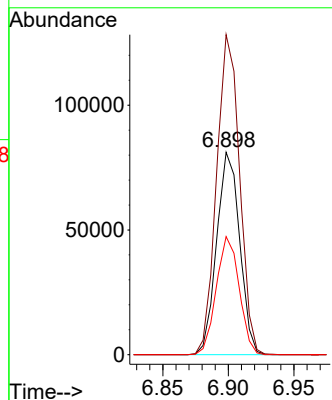
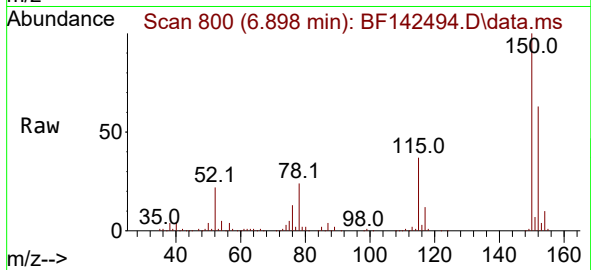




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

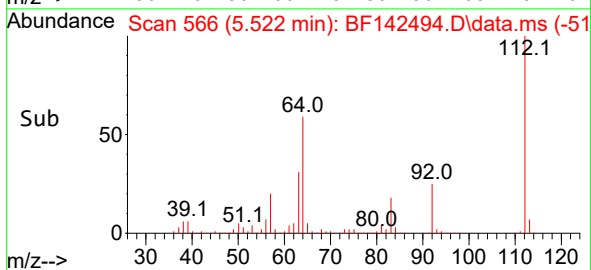
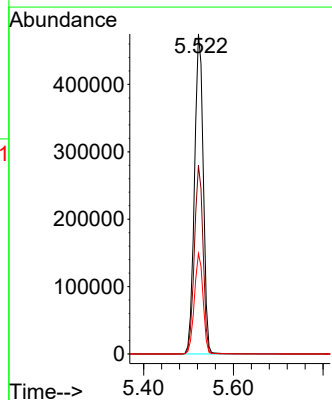
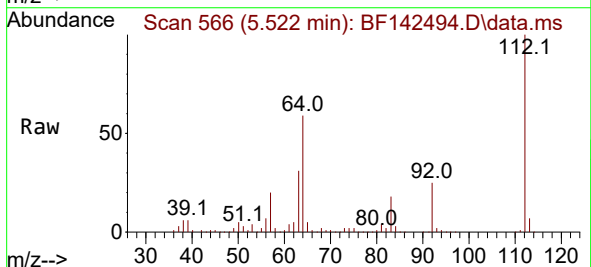
Instrument :
BNA_F
ClientSampleId :
L1-WC-9

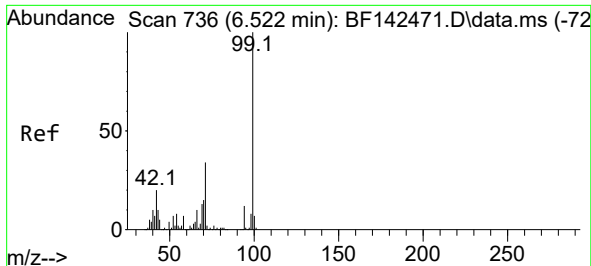
Tgt Ion:152 Resp: 98850
Ion Ratio Lower Upper
152 100
150 158.1 128.2 192.4
115 58.3 48.3 72.5



#5
2-Fluorophenol
Concen: 109.795 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:112 Resp: 644201
Ion Ratio Lower Upper
112 100
64 58.9 47.5 71.3
63 31.3 24.9 37.3

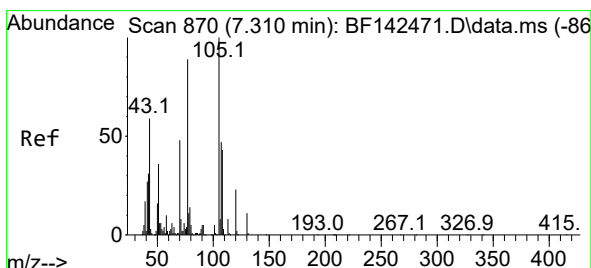
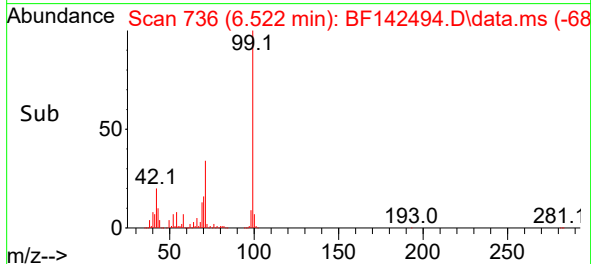
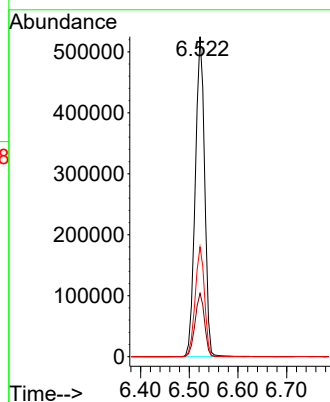
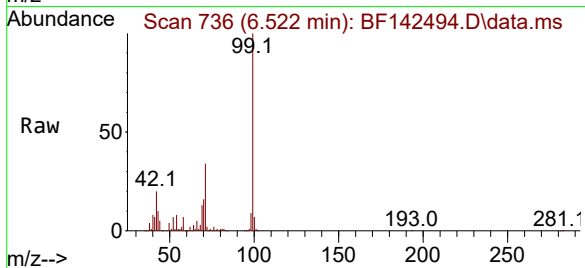




#7
Phenol-d6
Concen: 100.551 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

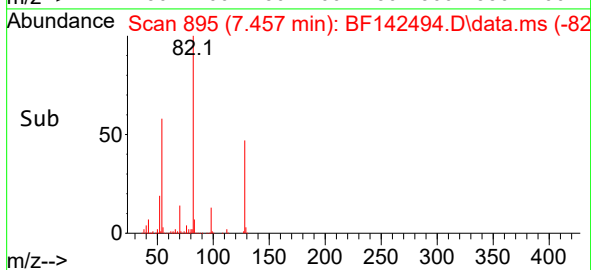
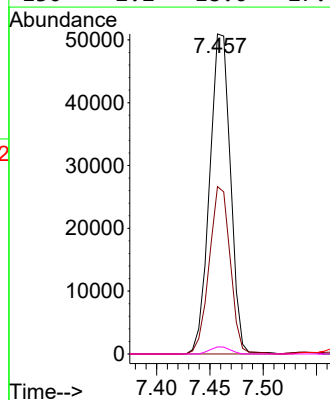
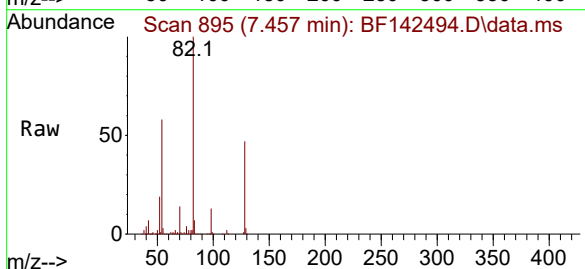
Instrument :
BNA_F
ClientSampleId :
L1-WC-9

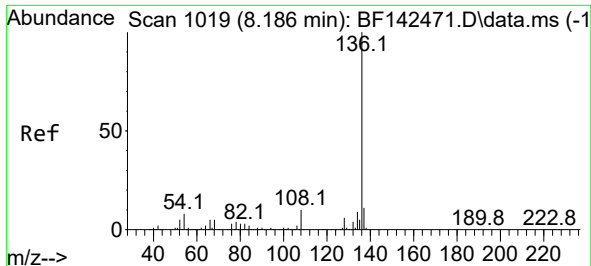
Tgt Ion: 99 Resp: 710178
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 34.3 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.838 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion: 70 Resp: 69328
Ion Ratio Lower Upper
70 100
42 52.3 52.4 78.6#
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142494.D

Acq: 21 May 2025 18:36

Instrument :

BNA_F

ClientSampleId :

L1-WC-9

Tgt Ion:136 Resp: 371466

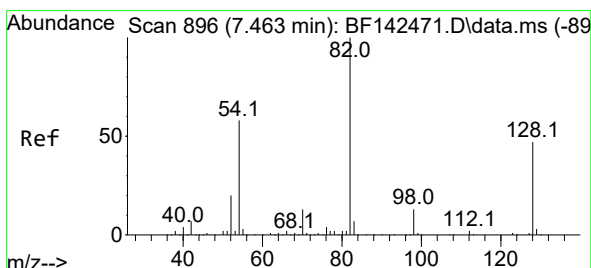
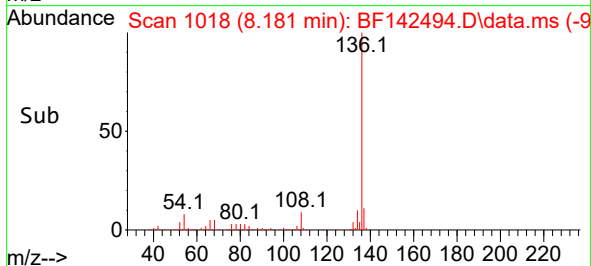
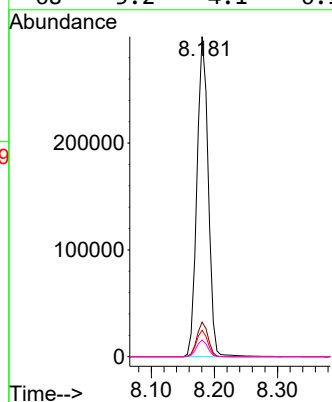
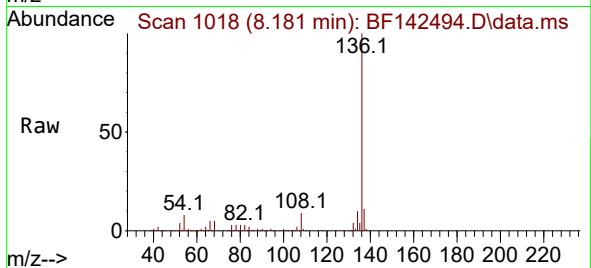
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.3 6.6 10.0

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 74.956 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142494.D

Acq: 21 May 2025 18:36

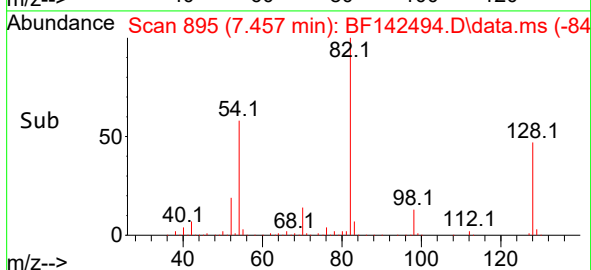
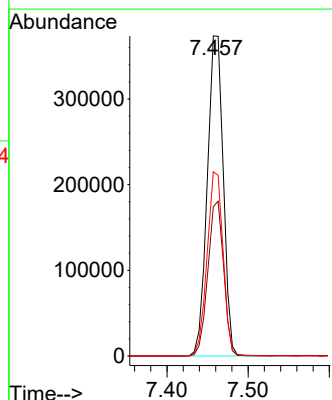
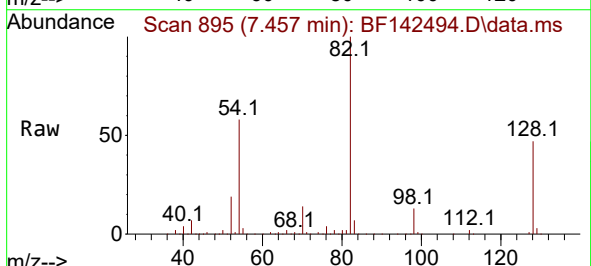
Tgt Ion: 82 Resp: 510620

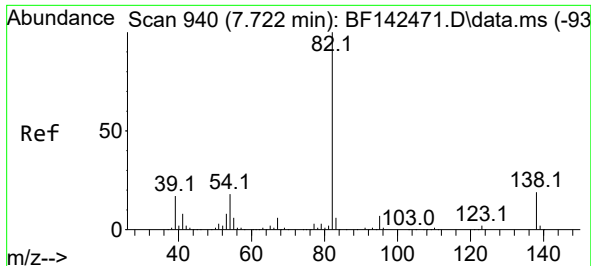
Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.2

54 57.5 46.6 70.0

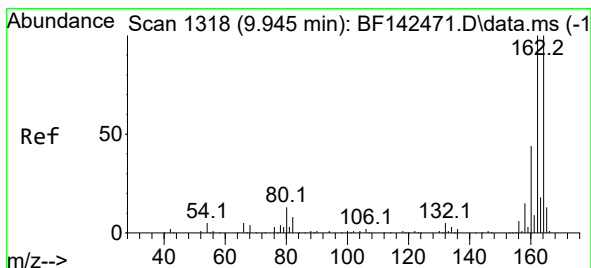
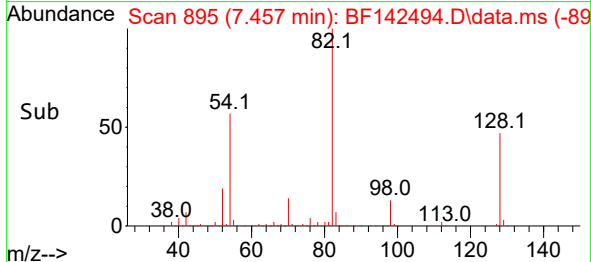
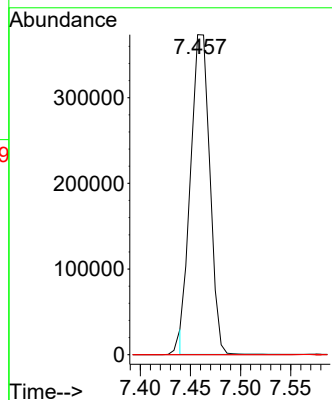
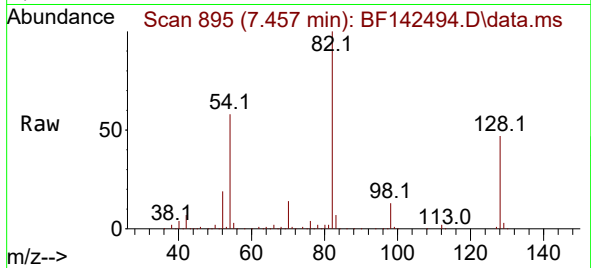




#25
Isophorone
Concen: 43.536 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

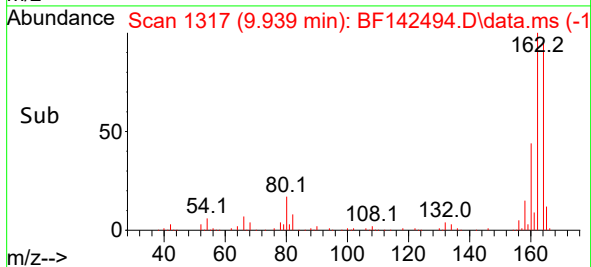
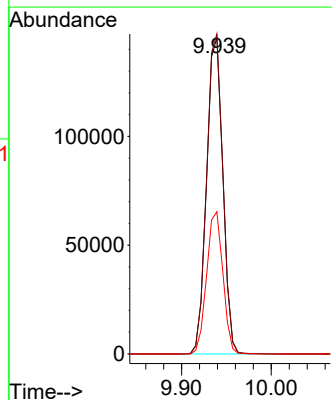
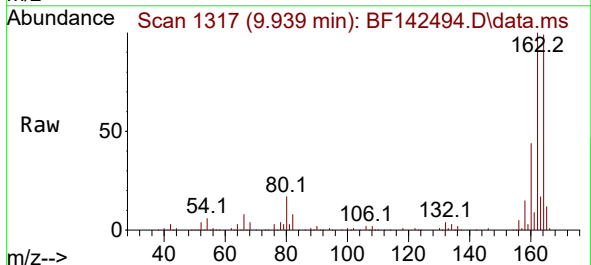
Instrument :
BNA_F
ClientSampleId :
L1-WC-9

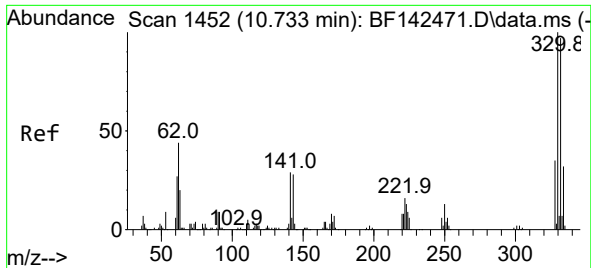
Tgt Ion: 82 Resp: 495866
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:164 Resp: 182239
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.4
160 45.0 35.6 53.4

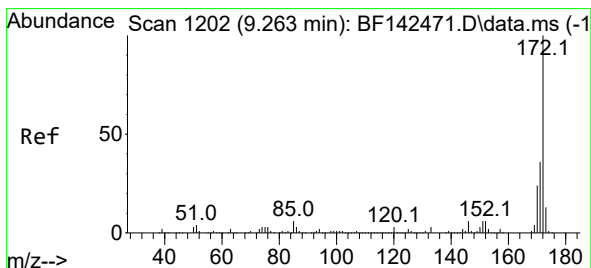
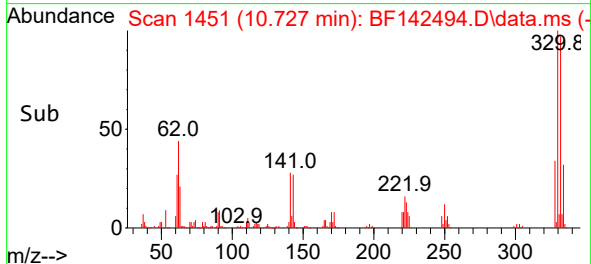
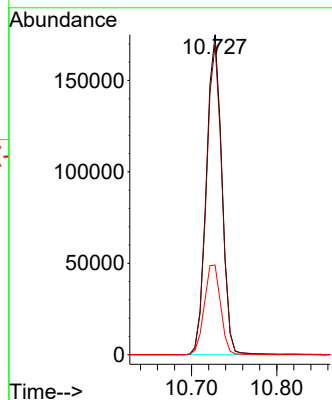
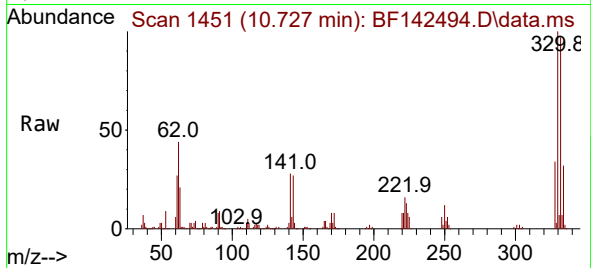




#42
2,4,6-Tribromophenol
Concen: 109.293 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

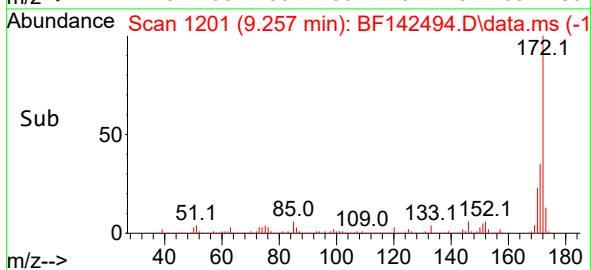
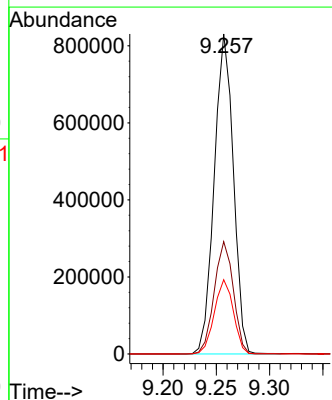
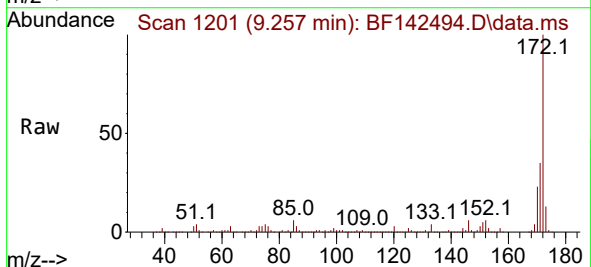
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ClientSampleId :
L1-WC-9

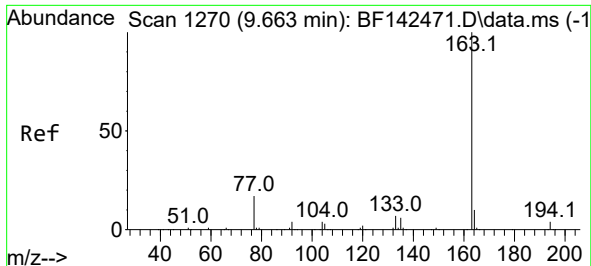
Tgt Ion:330 Resp: 221058
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 76.413 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:172 Resp: 1037765
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.2 18.9 28.3

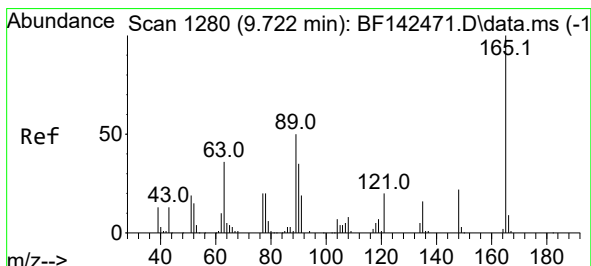
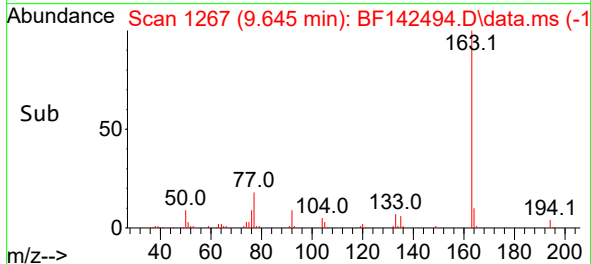
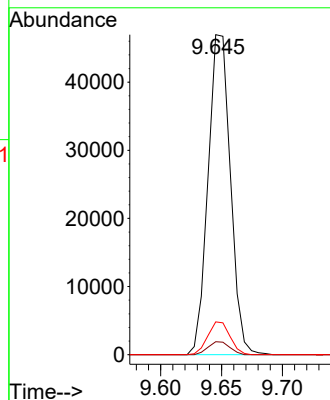
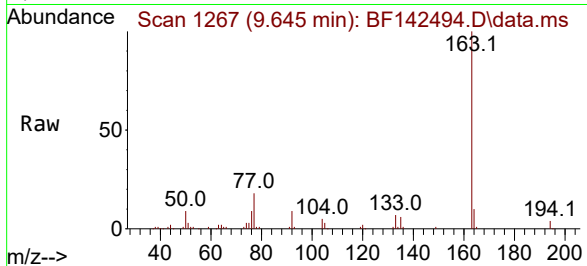




#50
Dimethylphthalate
Concen: 4.988 ng
RT: 9.645 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

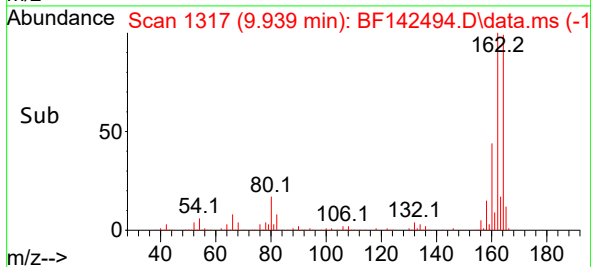
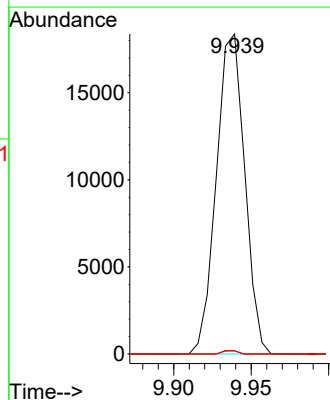
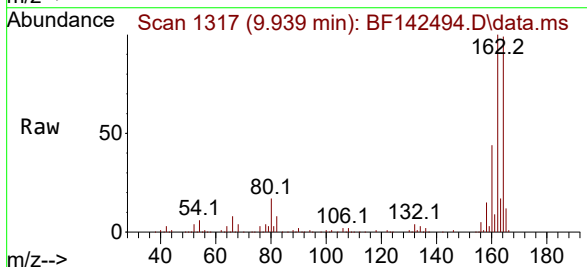
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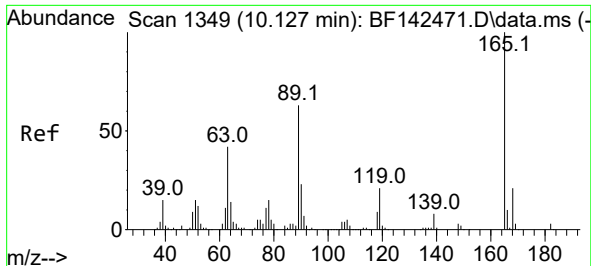
Tgt Ion:163 Resp: 59983
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 9.024 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.212 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:165 Resp: 23420
Ion Ratio Lower Upper
165 100
63 0.9 42.9 64.3#
89 1.0 40.2 60.4#

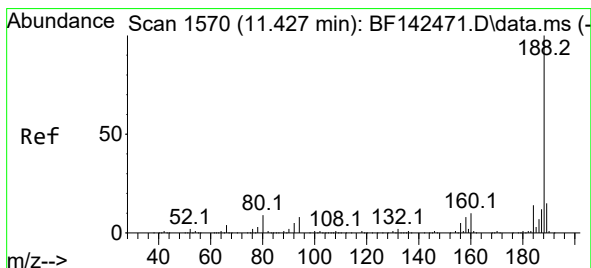
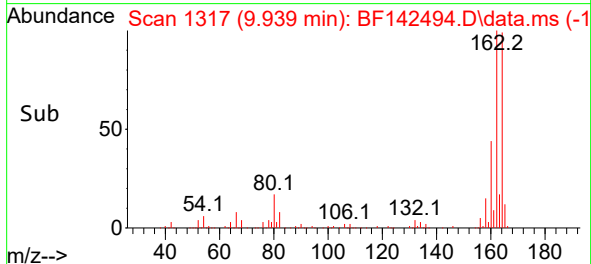
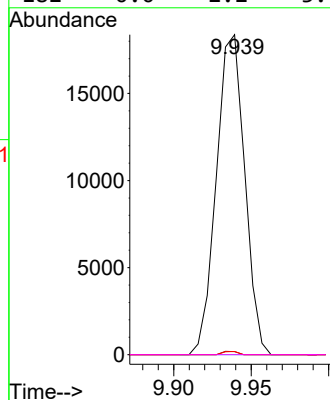
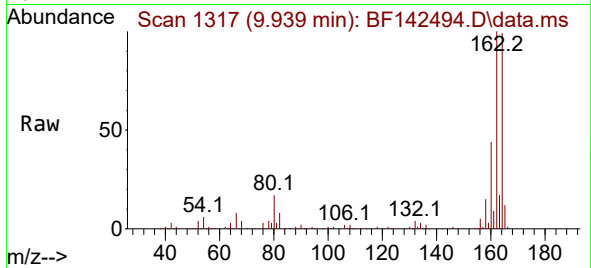




#57
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

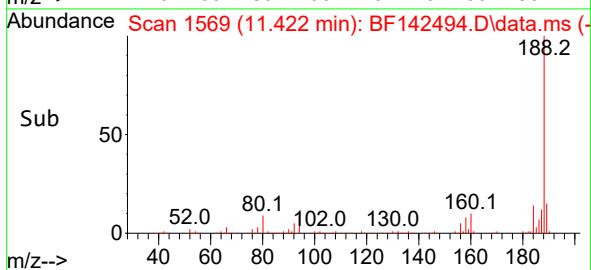
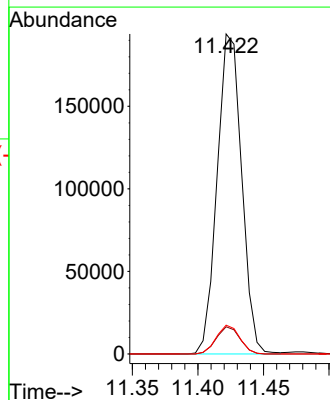
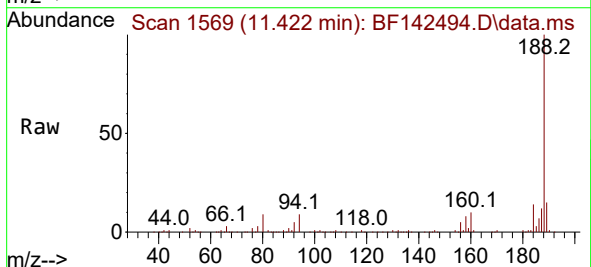
Instrument :
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L1-WC-9

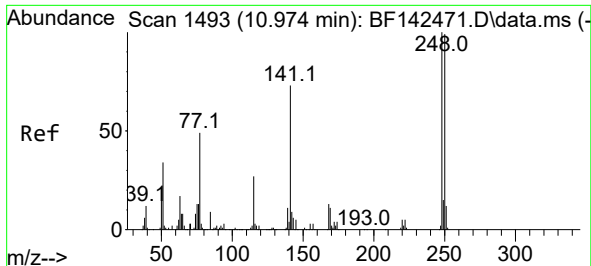
Tgt Ion:165 Resp: 23420
Ion Ratio Lower Upper
165 100
63 0.9 33.6 50.4#
89 1.0 50.2 75.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:188 Resp: 251745
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.4 11.0

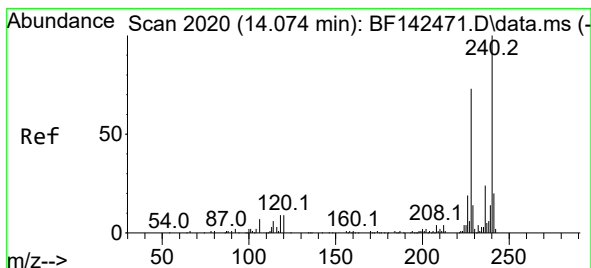
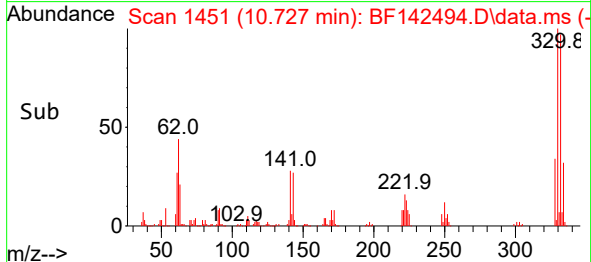
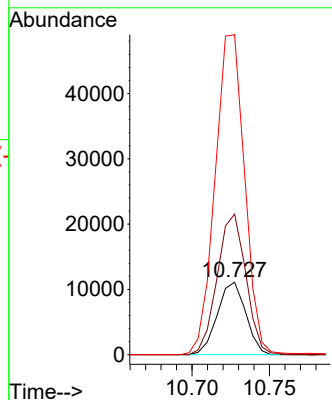
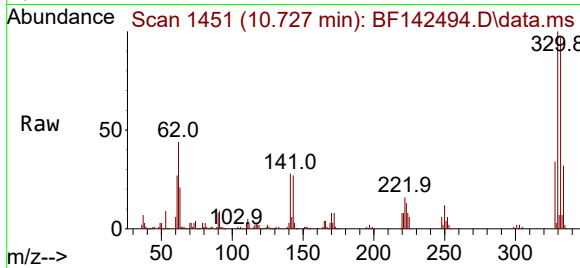




#67
4-Bromophenyl-phenylether
Concen: 4.760 ng
RT: 10.727 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

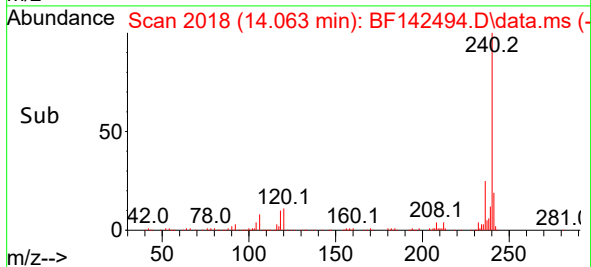
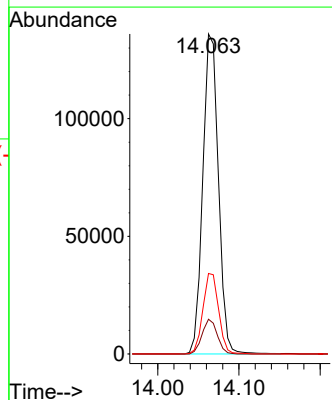
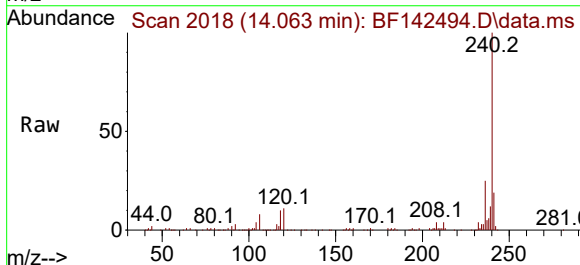
Instrument :
BNA_F
ClientSampleId :
L1-WC-9

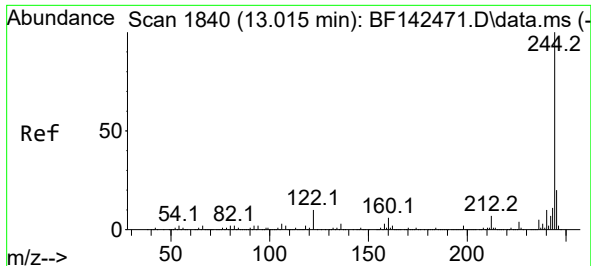
Tgt Ion:248 Resp: 14170
Ion Ratio Lower Upper
248 100
250 194.0 79.0 118.4#
141 441.2 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:240 Resp: 181547
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.2 19.6 29.4

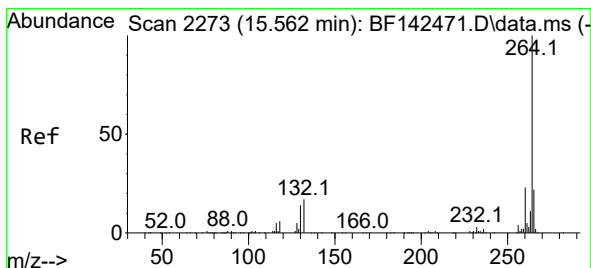
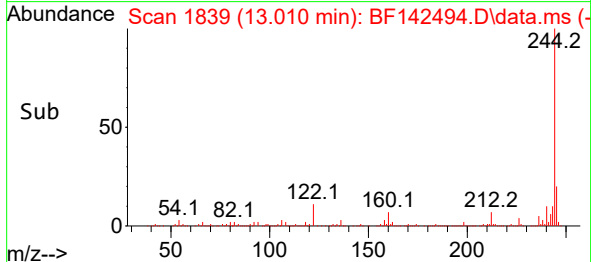
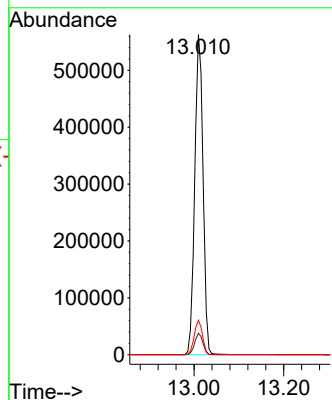
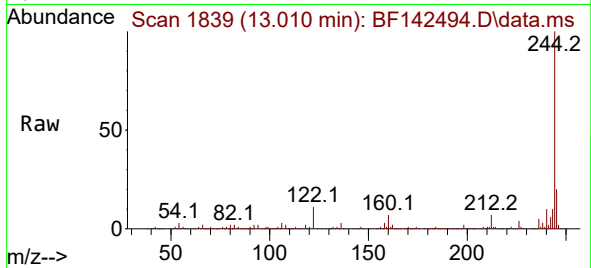




#79
 Terphenyl-d14
 Concen: 54.174 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142494.D
 Acq: 21 May 2025 18:36

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-9

Tgt Ion:244 Resp: 719710
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142494.D
 Acq: 21 May 2025 18:36

Tgt Ion:264 Resp: 215609
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.7 17.7 26.5

