

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141329.D
 Acq On : 31 Jan 2025 13:53
 Operator : RC/JU
 Sample : Q1211-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3

Quant Time: Jan 31 14:16:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

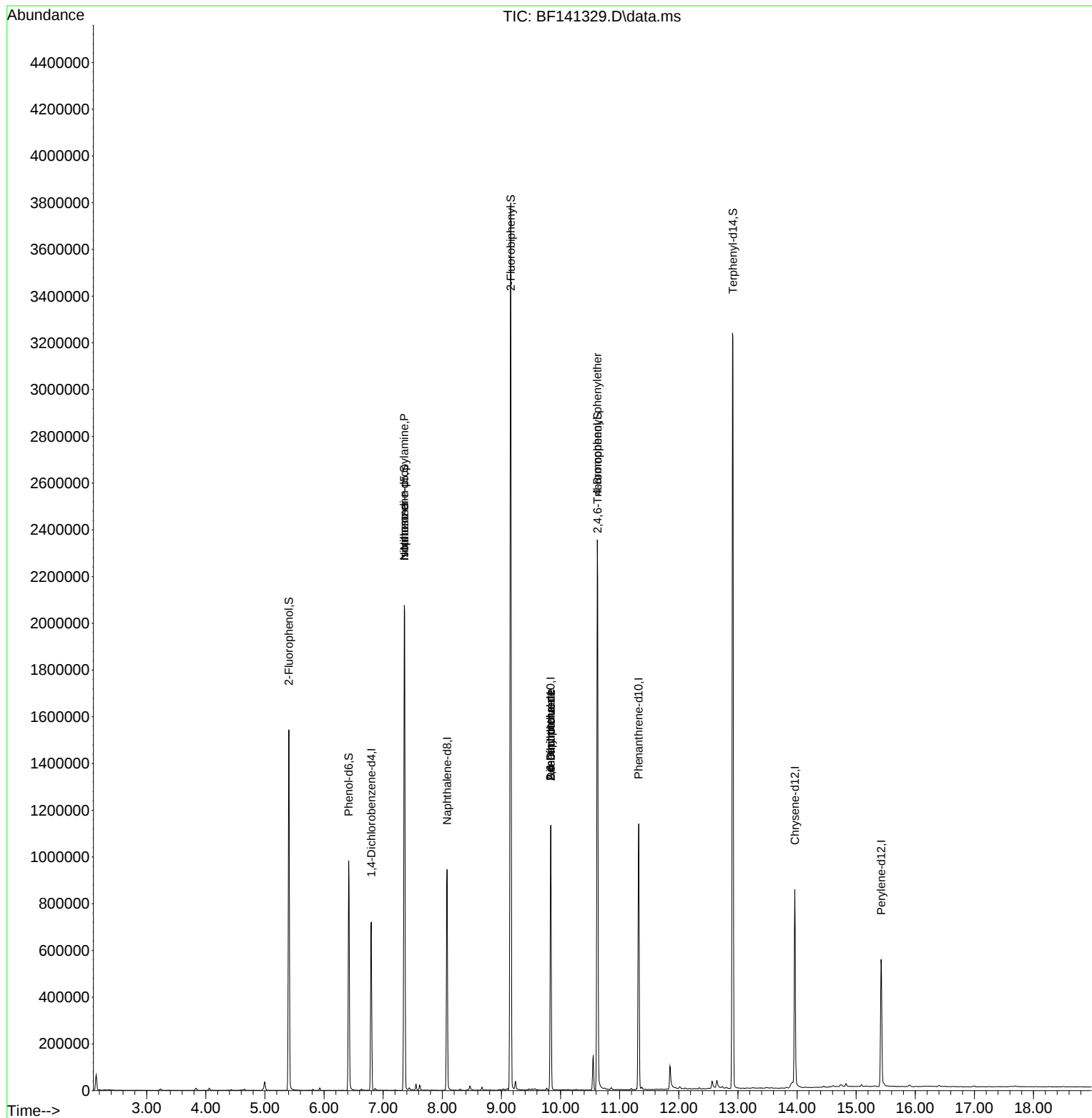
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	150168	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	598599	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	329514	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	566632	20.000	ng	0.00
76) Chrysene-d12	13.963	240	400669	20.000	ng	-0.01
86) Perylene-d12	15.421	264	319761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	558290	57.075	ng	0.00
7) Phenol-d6	6.416	99	437849	35.187	ng	-0.02
23) Nitrobenzene-d5	7.357	82	988633	87.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	403823	133.677	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1738039	81.185	ng	0.00
79) Terphenyl-d14	12.916	244	1686692	64.921	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	129577	17.525	ng	# 77
25) Isophorone	7.357	82	977995	49.826	ng	# 64
50) Dimethylphthalate	9.834	163	50269	2.259	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	42349	8.195	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	42349	6.330	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	27570	4.346	ng	# 1

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

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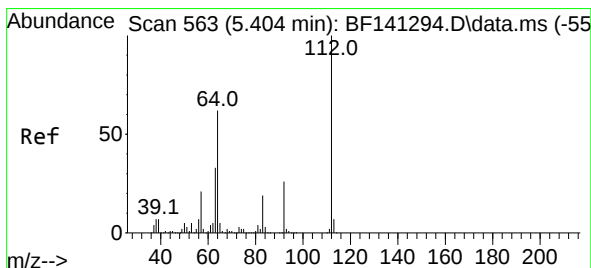
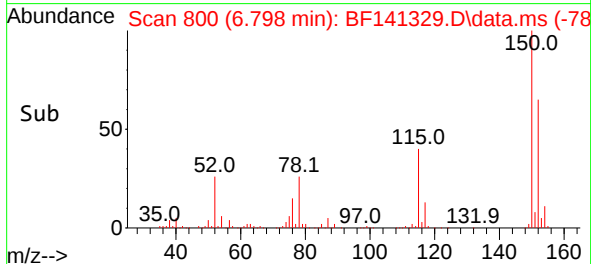
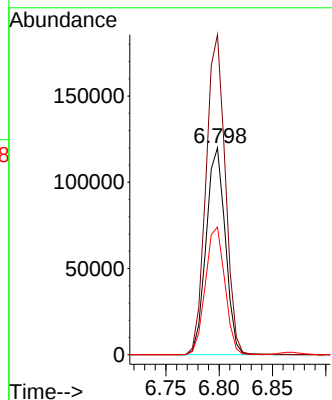
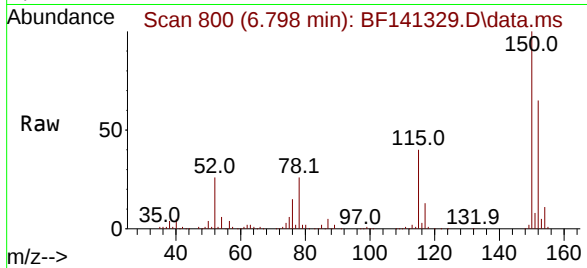




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

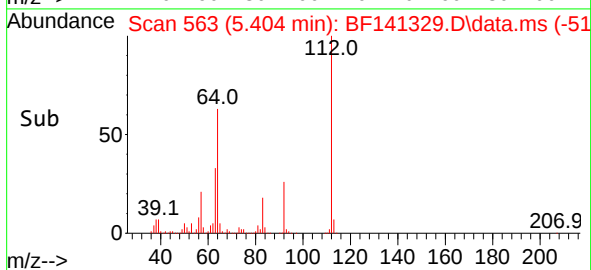
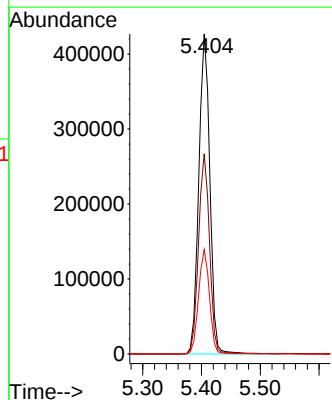
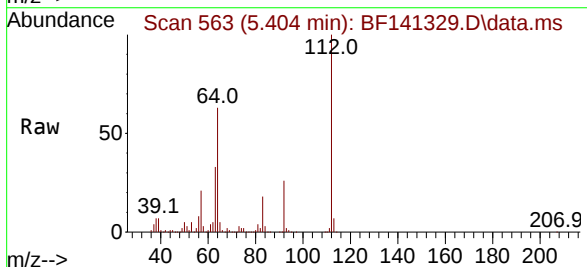
Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3

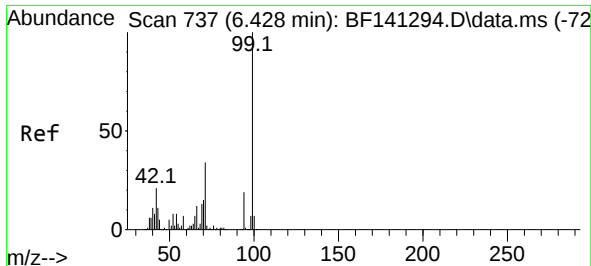
Tgt Ion:152 Resp: 150168
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 61.7 49.7 74.5



#5
 2-Fluorophenol
 Concen: 57.075 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

Tgt Ion:112 Resp: 558290
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.8 74.8
 63 32.6 26.1 39.1



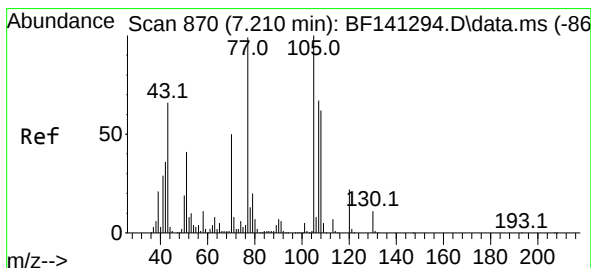
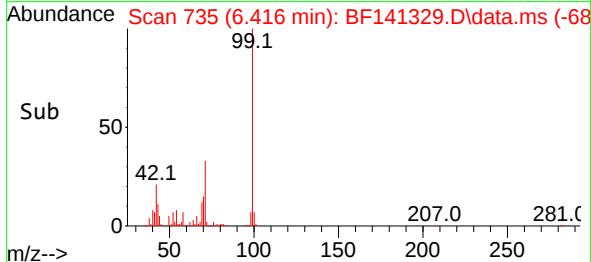
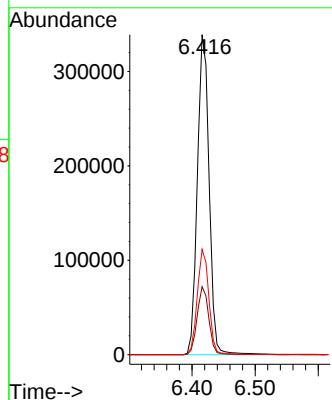
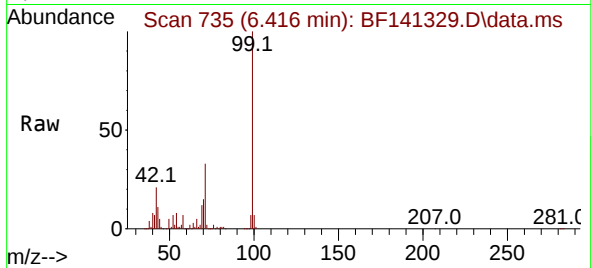


#7
Phenol-d6
Concen: 35.187 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion: 99 Resp: 437849

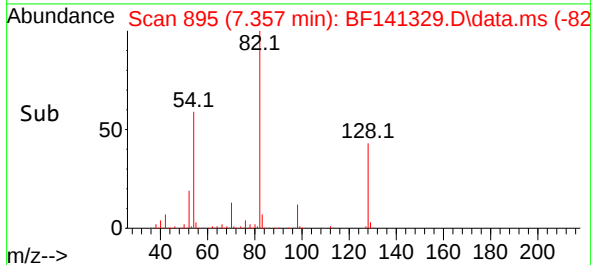
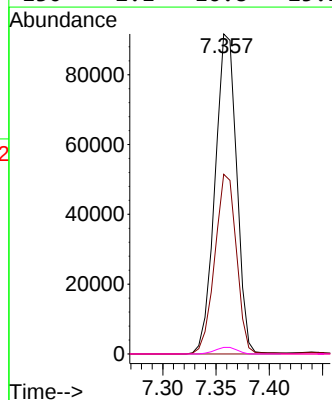
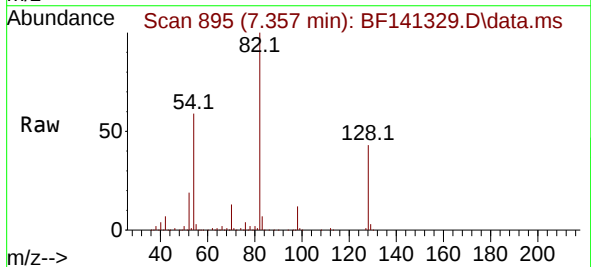
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	32.9	26.9	40.3

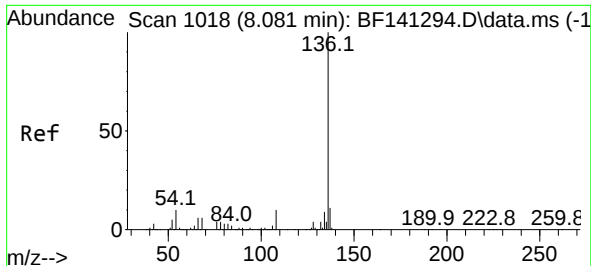


#19
n-Nitroso-di-n-propylamine
Concen: 17.525 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion: 70 Resp: 129577

Ion	Ratio	Lower	Upper
70	100		
42	56.2	56.8	85.2#
101	0.0	7.7	11.5#
130	2.1	16.8	25.2#

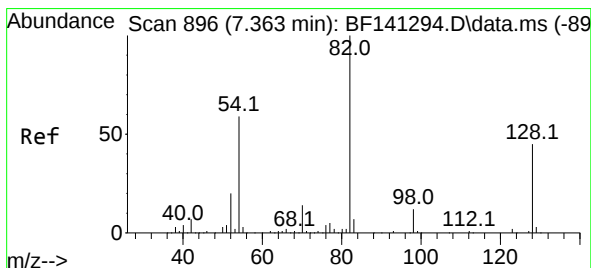
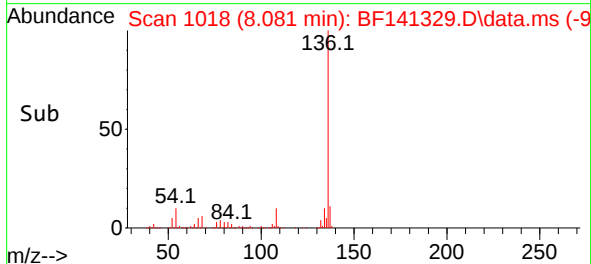
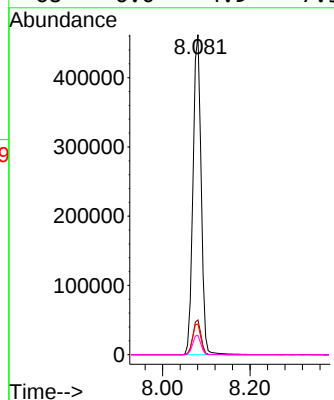
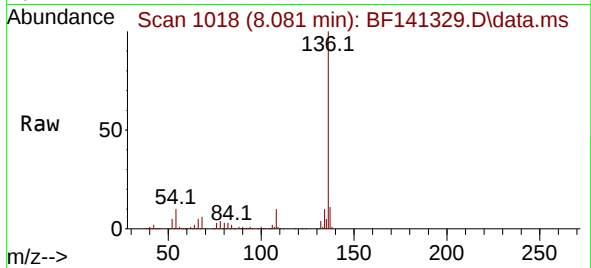




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

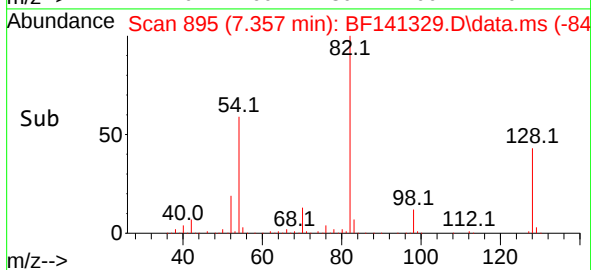
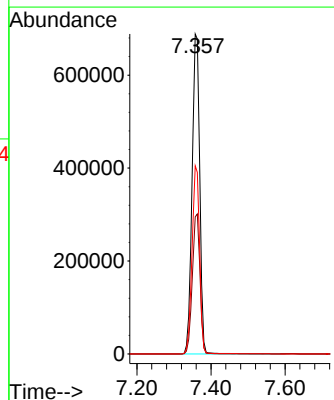
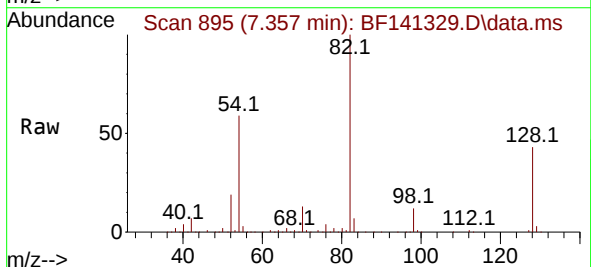
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

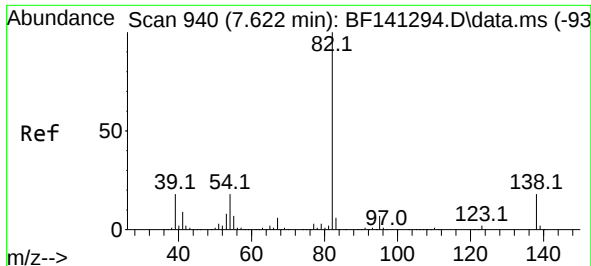
Tgt Ion:136	Resp: 598599
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 9.6	7.8 11.8
68 6.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 87.065 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion: 82	Resp: 988633
Ion Ratio	Lower Upper
82 100	
128 42.8	35.7 53.5
54 58.8	47.1 70.7

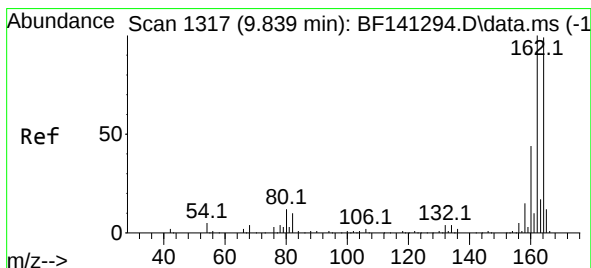
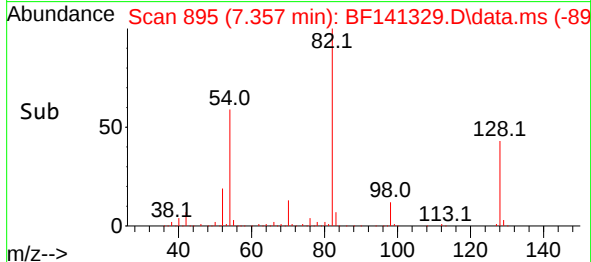
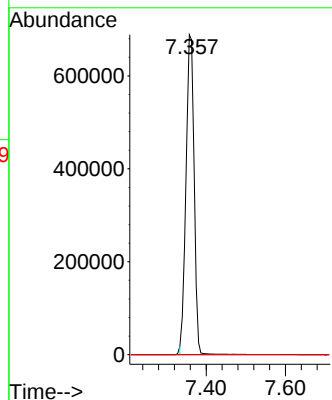
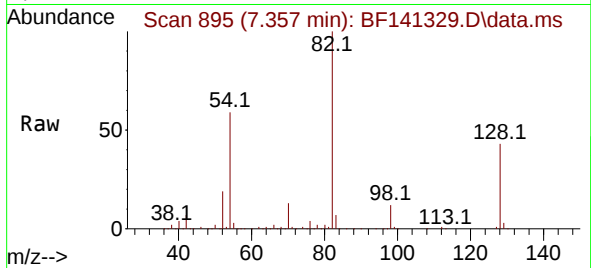




#25
Isophorone
Concen: 49.826 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

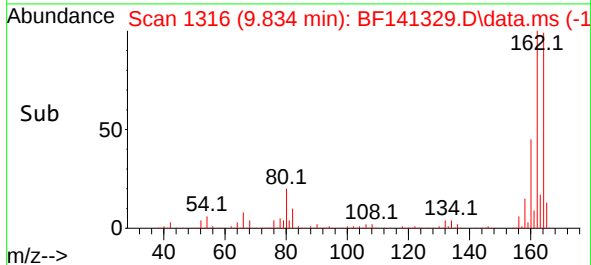
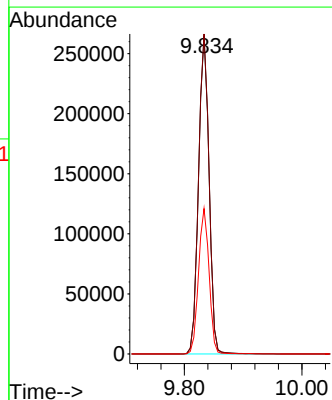
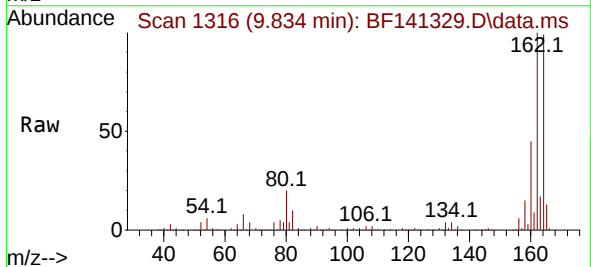
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

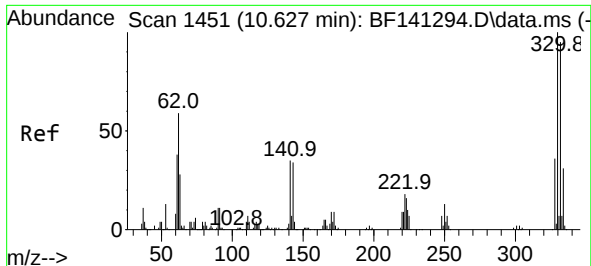
Tgt Ion: 82 Resp: 977995
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:164 Resp: 329514
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 133.677 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141329.D

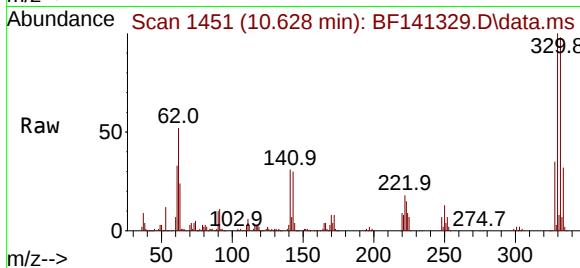
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Instrument :

BNA_F

ClientSampleId :

TAPIAL2-MW03-012825-00-T3



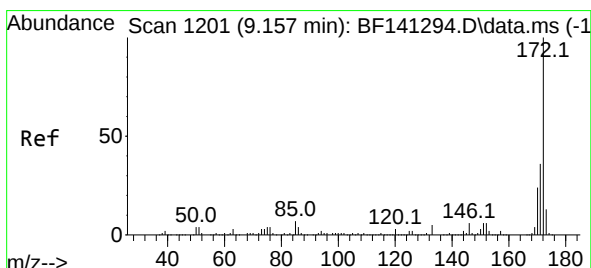
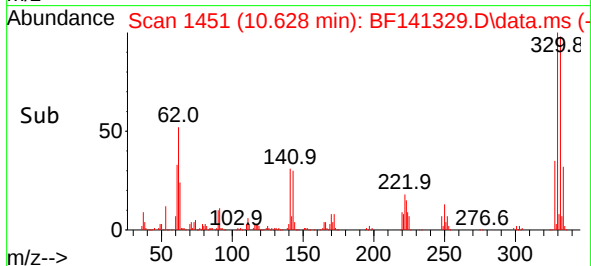
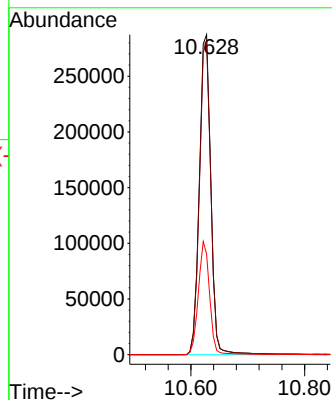
Tgt Ion:330 Resp: 403823

Ion Ratio Lower Upper

330 100

332 97.9 76.1 114.1

141 34.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 81.185 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141329.D

Acq: 31 Jan 2025 13:53

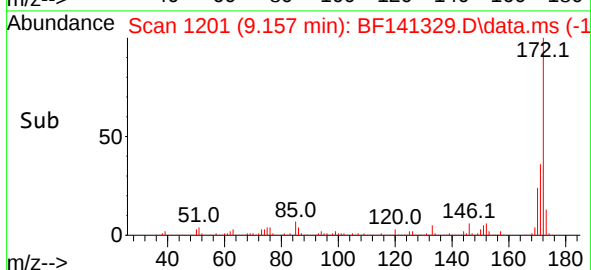
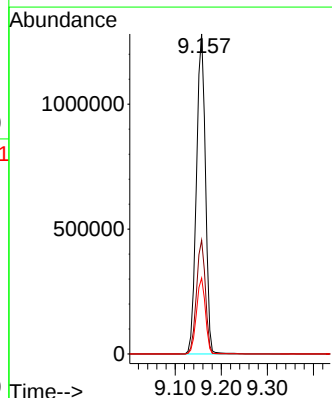
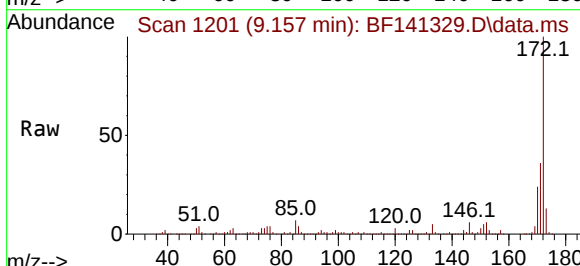
Tgt Ion:172 Resp: 1738039

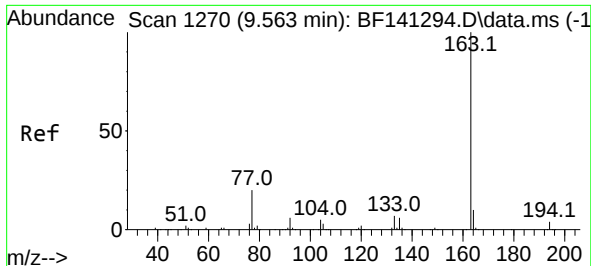
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.0 28.6

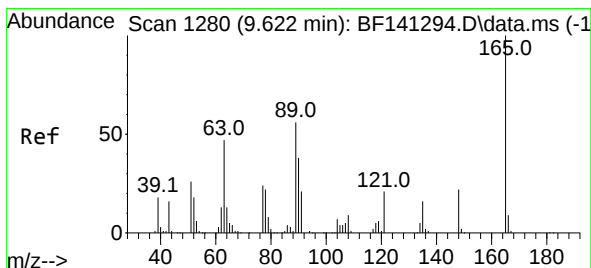
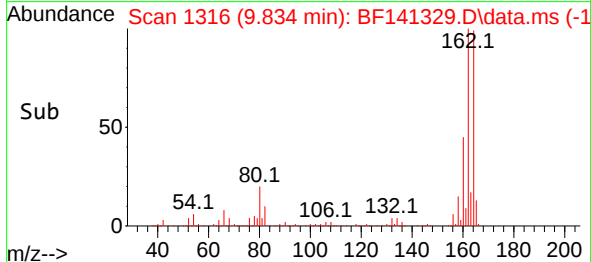
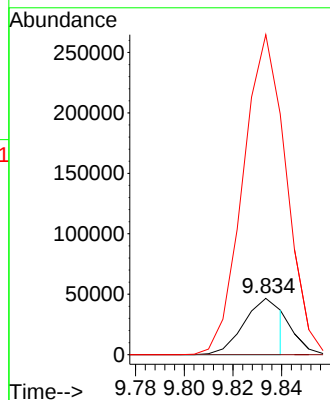
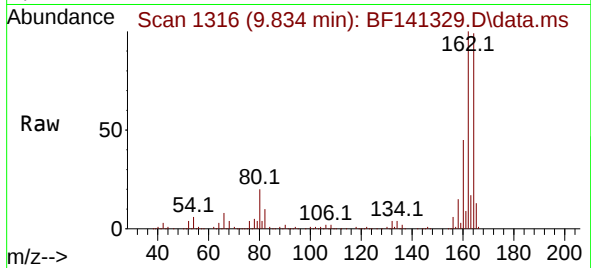




#50
Dimethylphthalate
Concen: 2.259 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

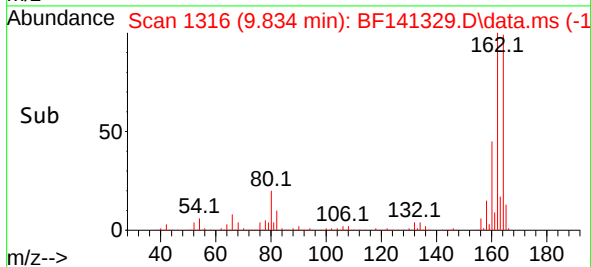
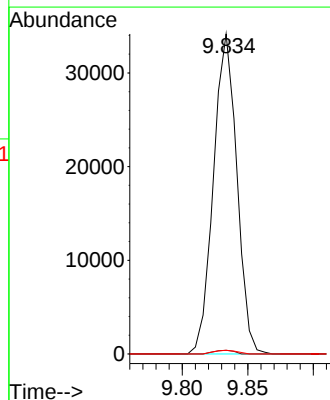
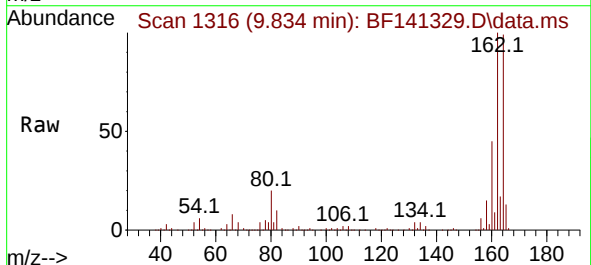
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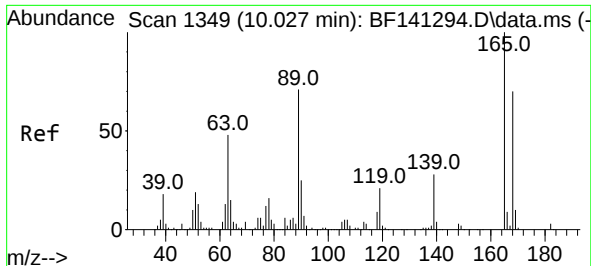
Tgt Ion:163 Resp: 50269
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 567.9 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:165 Resp: 42349
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 44.9 67.3#

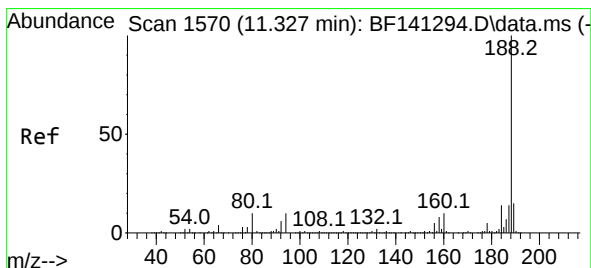
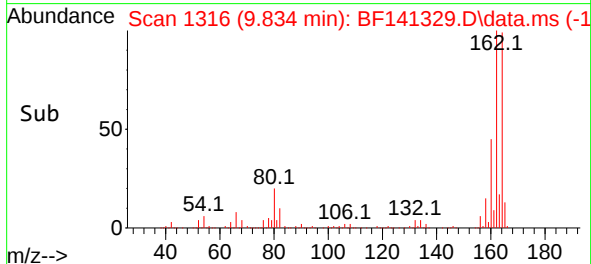
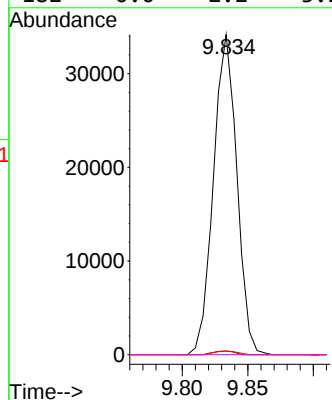
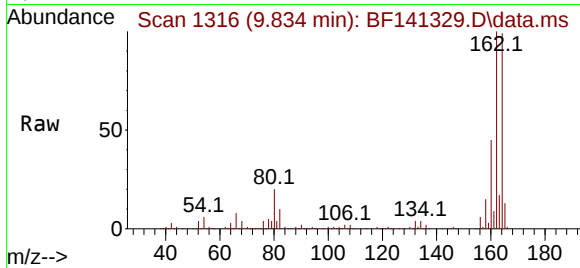




#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

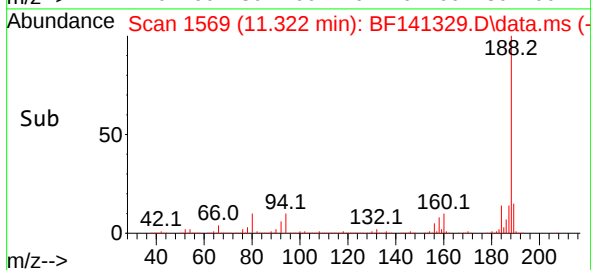
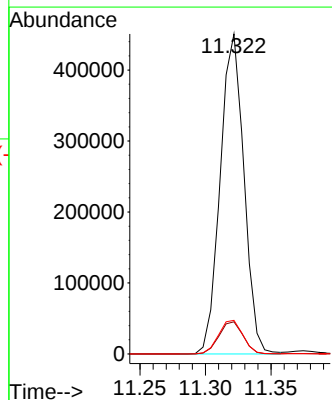
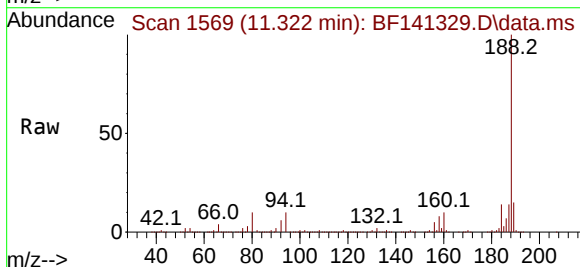
Instrument :
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ClientSampleId :
TAPIAL2-MW03-012825-00-T3

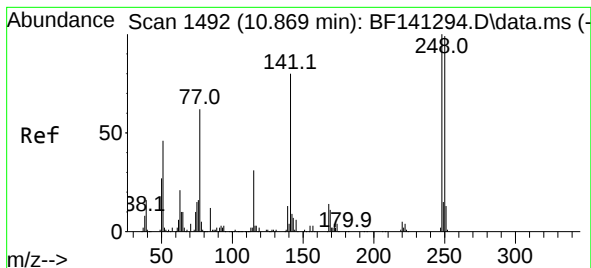
Tgt Ion:165 Resp: 42349
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:188 Resp: 566632
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.5 8.2 12.4





#67

4-Bromophenyl-phenylether

Concen: 4.346 ng

RT: 10.622 min Scan# 14

Delta R.T. -0.253 min

Lab File: BF141329.D

Acq: 31 Jan 2025 13:53

Instrument :

BNA_F

ClientSampleId :

TAPIAL2-MW03-012825-00-T3

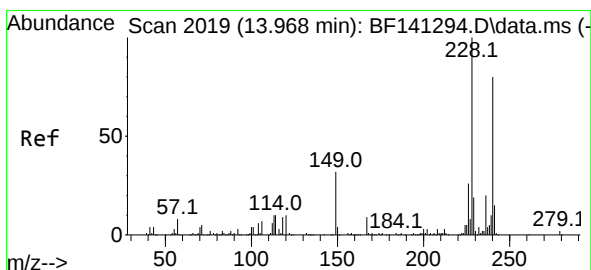
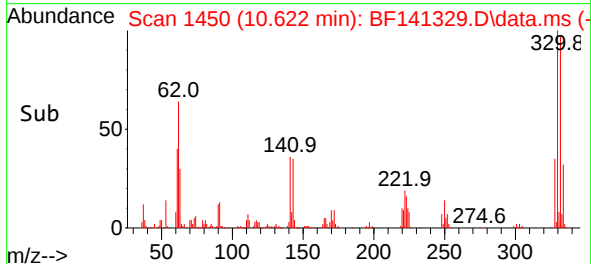
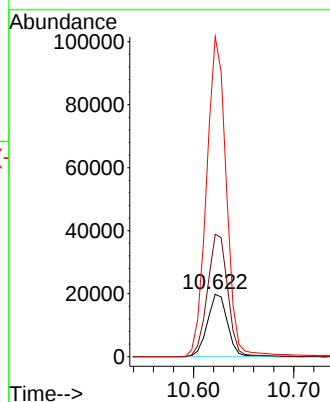
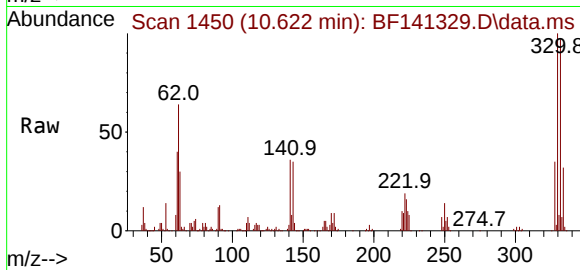
Tgt Ion:248 Resp: 27570

Ion Ratio Lower Upper

248 100

250 196.2 79.0 118.4#

141 512.7 63.7 95.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141329.D

Acq: 31 Jan 2025 13:53

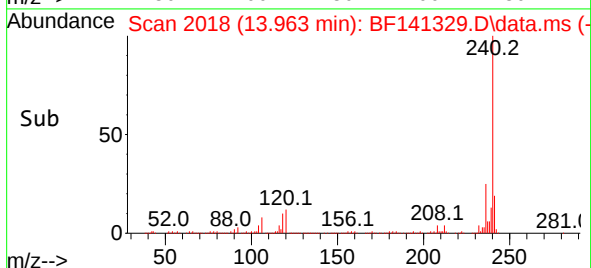
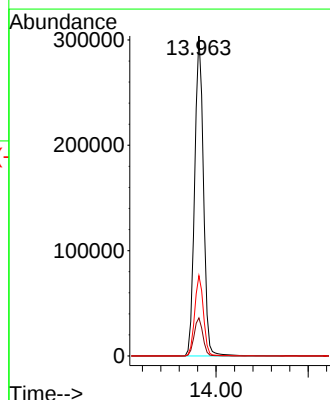
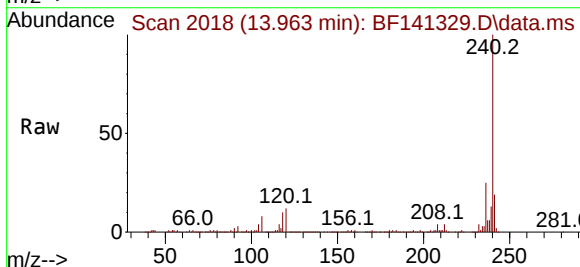
Tgt Ion:240 Resp: 400669

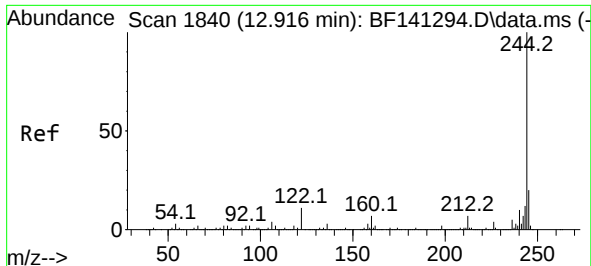
Ion Ratio Lower Upper

240 100

120 11.9 10.0 15.0

236 25.1 19.7 29.5

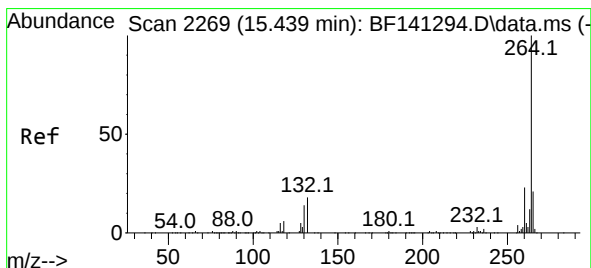
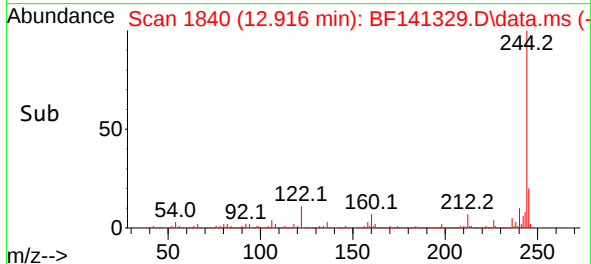
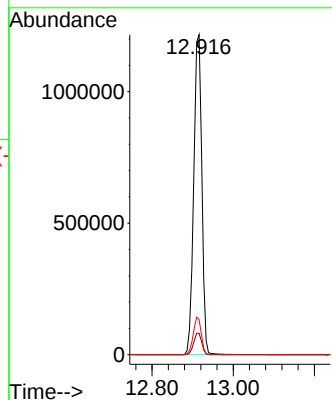
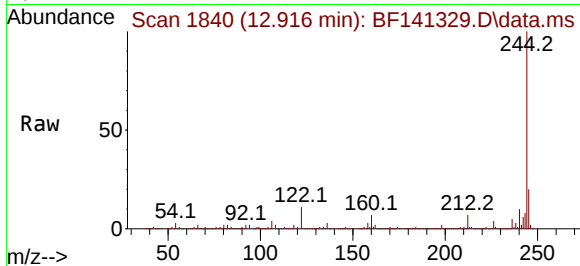




#79
 Terphenyl-d14
 Concen: 64.921 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3

Tgt Ion:244 Resp: 1686692
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

Tgt Ion:264 Resp: 319761
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.0 16.7 25.1

