

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142461.D
 Acq On : 19 May 2025 19:54
 Operator : RC/JU
 Sample : Q1984-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 05:50:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

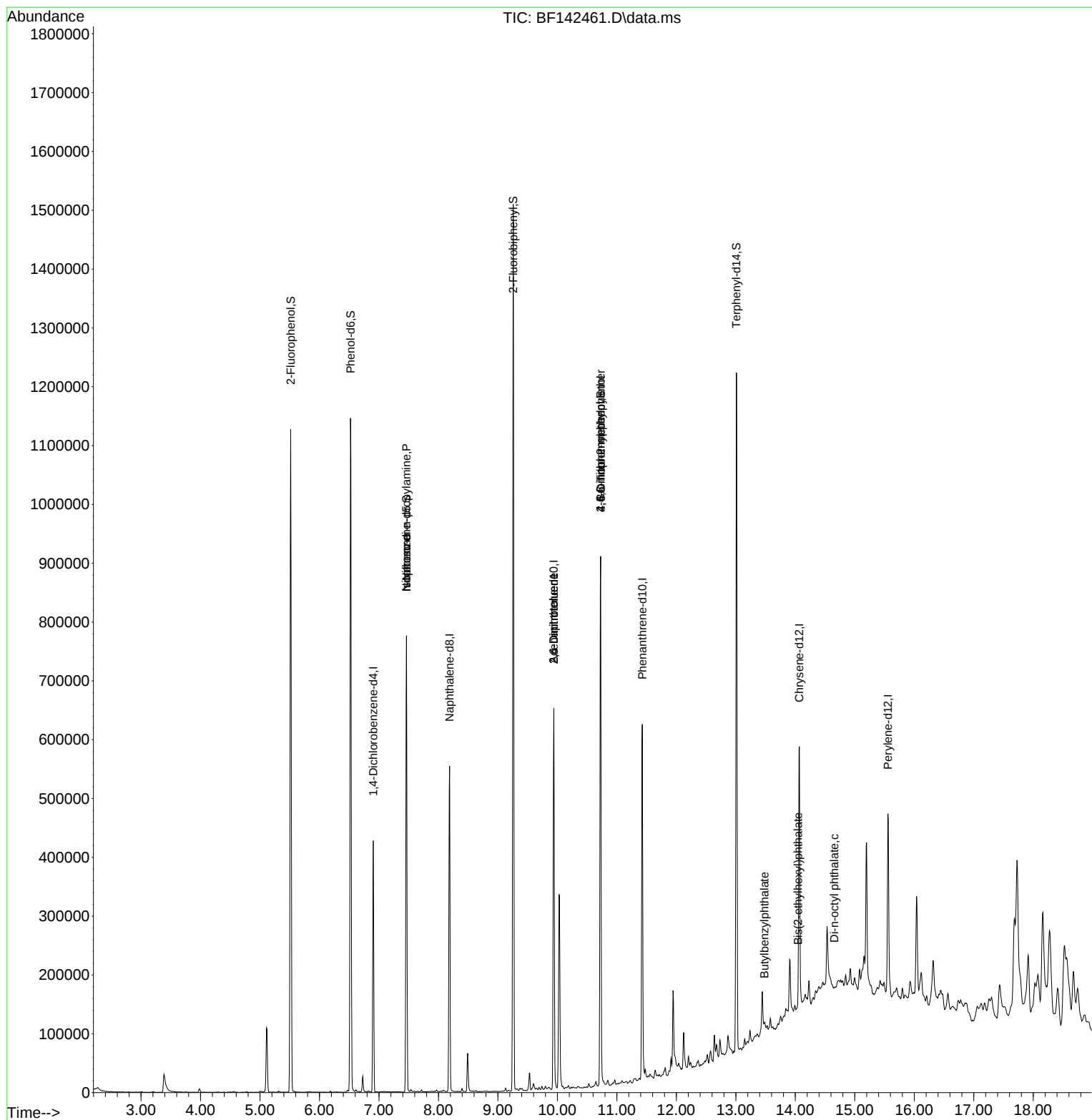
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	91014	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	349016	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	191800	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	317081	20.000	ng	0.00
76) Chrysene-d12	14.068	240	223361	20.000	ng	0.00
86) Perylene-d12	15.557	264	187737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	428241	80.322	ng	0.00
7) Phenol-d6	6.522	99	526932	80.357	ng	0.00
23) Nitrobenzene-d5	7.463	82	316645	55.331	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	159304	86.027	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	658963	48.989	ng	0.00
79) Terphenyl-d14	13.010	244	552504	36.612	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	41695	10.279	ng	# 77
25) Isophorone	7.463	82	312523	28.839	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	24889	10.796	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	24889	8.417	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	143	7.267	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	10113	2.814	ng	# 1
80) Butylbenzylphthalate	13.480	149	857	3.796	ng	# 69
84) Bis(2-ethylhexyl)phtha...	14.045	149	1845	4.460	ng	# 76
85) Di-n-octyl phthalate	14.657	149	266	7.856	ng	# 63

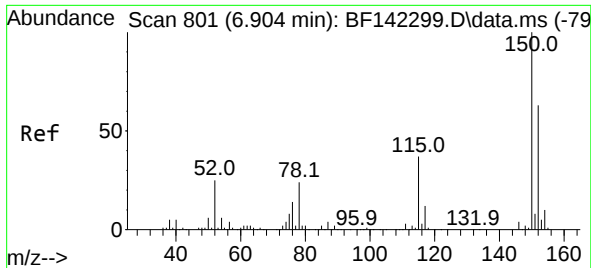
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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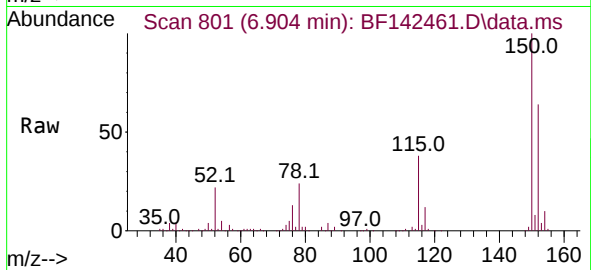
Quant Time: May 20 05:50:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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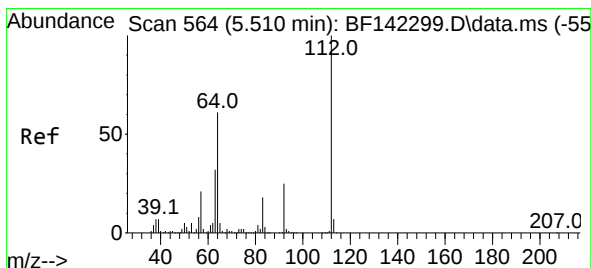
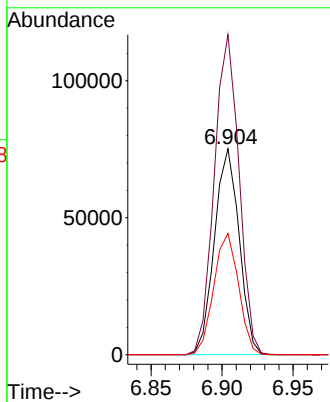
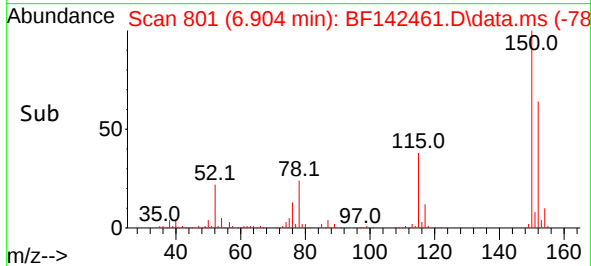


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142461.D
 Acq: 19 May 2025 19:54

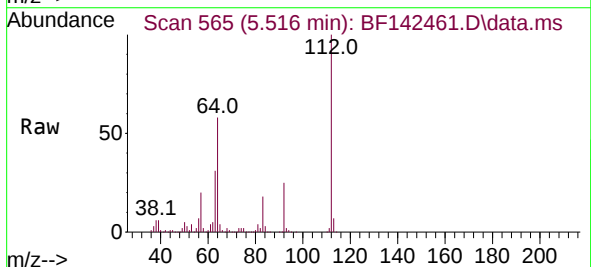
Instrument :
 BNA_F
 ClientSampleId :



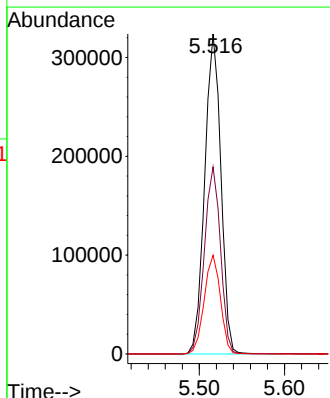
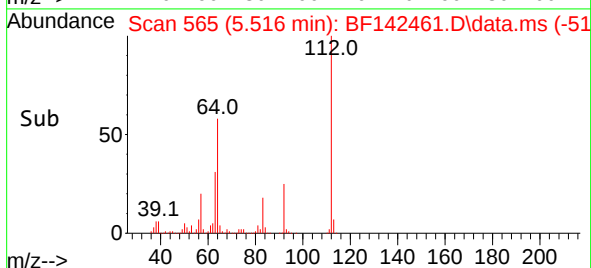
Tgt Ion:152 Resp: 91014
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.6 190.0
 115 58.8 47.3 70.9

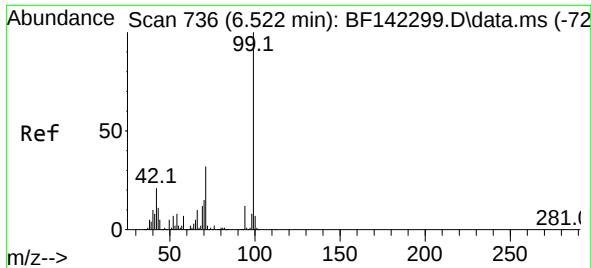


#5
 2-Fluorophenol
 Concen: 80.322 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142461.D
 Acq: 19 May 2025 19:54



Tgt Ion:112 Resp: 428241
 Ion Ratio Lower Upper
 112 100
 64 58.4 48.9 73.3
 63 30.9 25.6 38.4

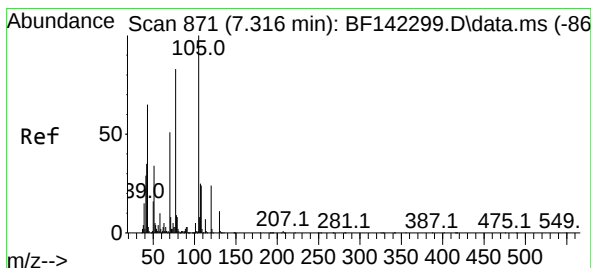
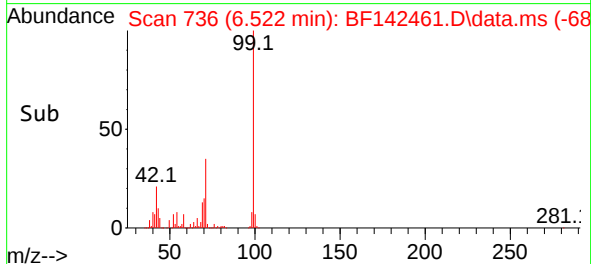
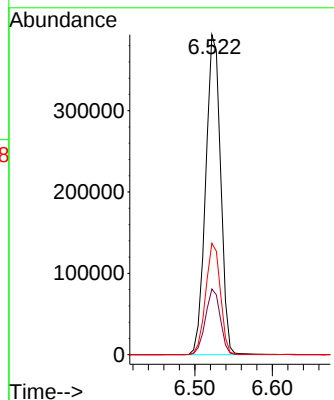
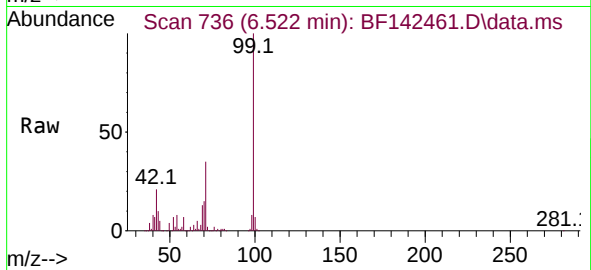




#7
Phenol-d6
Concen: 80.357 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

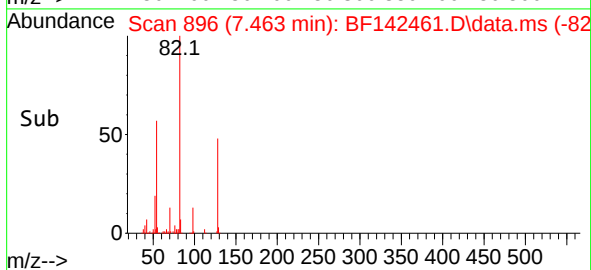
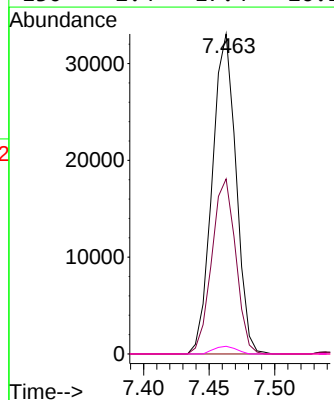
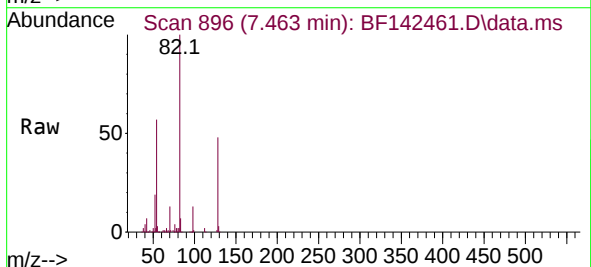
Instrument :
BNA_F
ClientSampleId :

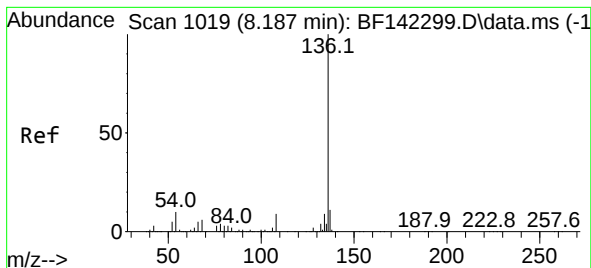
Tgt Ion: 99 Resp: 526932
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 34.8 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.279 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Tgt Ion: 70 Resp: 41695
Ion Ratio Lower Upper
70 100
42 54.7 54.8 82.2#
101 0.0 7.7 11.5#
130 2.4 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1

Delta R.T. -0.000 min

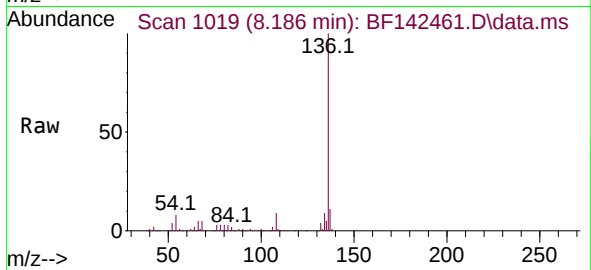
Lab File: BF142461.D

Acq: 19 May 2025 19:54

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 349016

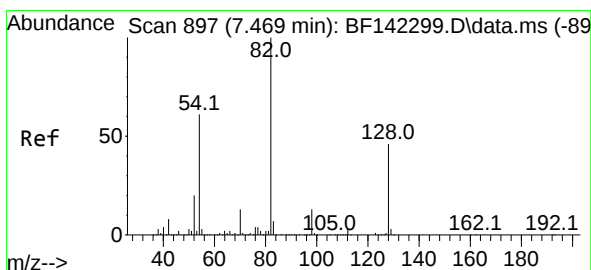
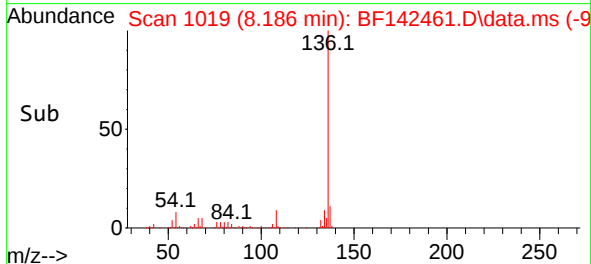
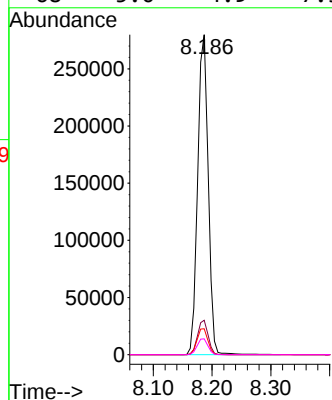
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.1 7.7 11.5

68 5.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 55.331 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142461.D

Acq: 19 May 2025 19:54

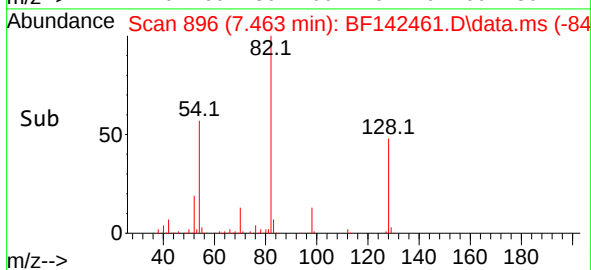
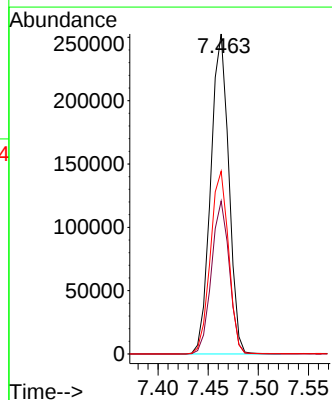
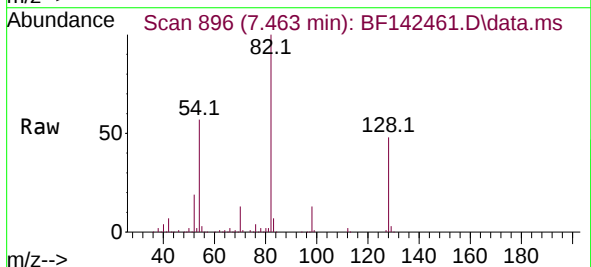
Tgt Ion: 82 Resp: 316645

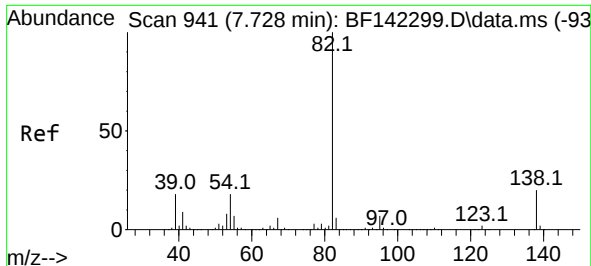
Ion Ratio Lower Upper

82 100

128 47.8 37.0 55.6

54 57.1 48.6 73.0

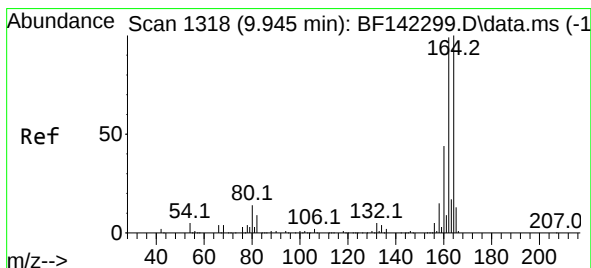
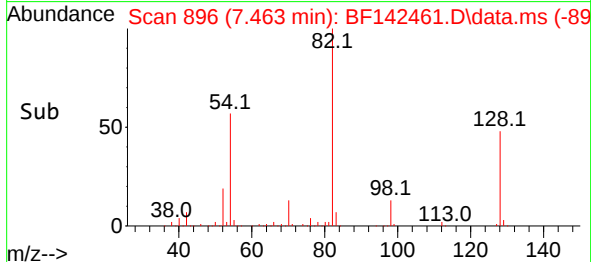
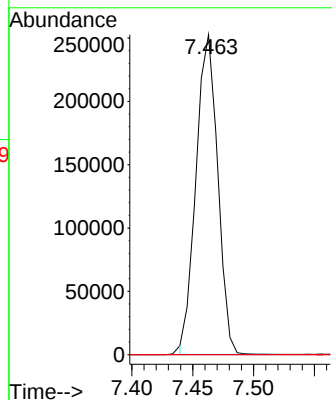
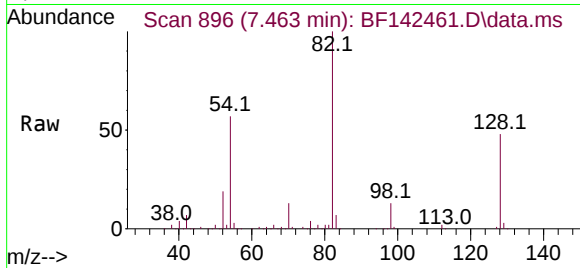




#25
Isophorone
Concen: 28.839 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

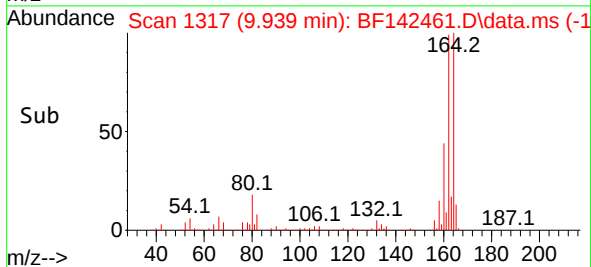
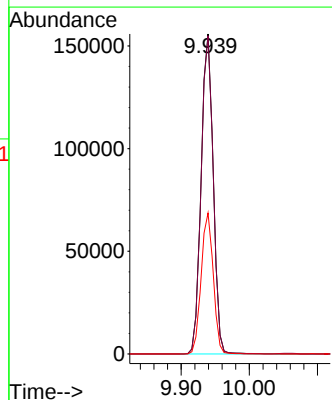
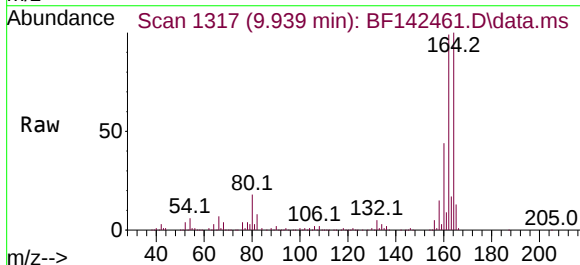
Instrument :
BNA_F
ClientSampleId :

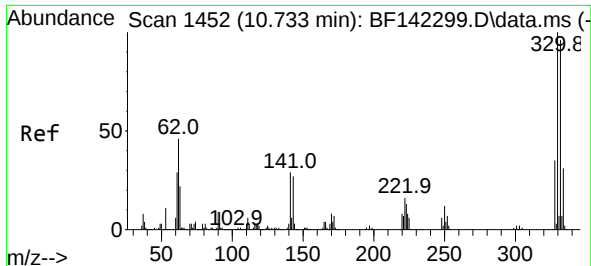
Tgt Ion: 82 Resp: 312523
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Tgt Ion:164 Resp: 191800
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 86.027 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

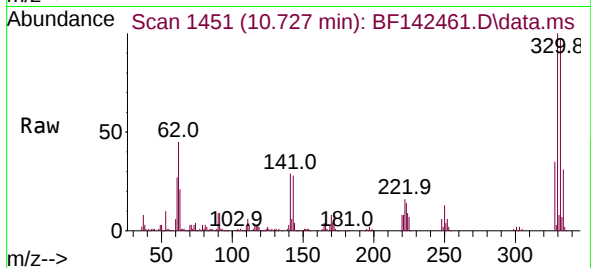
Lab File: BF142461.D

Acq: 19 May 2025 19:54

Instrument :

BNA_F

ClientSampleId :



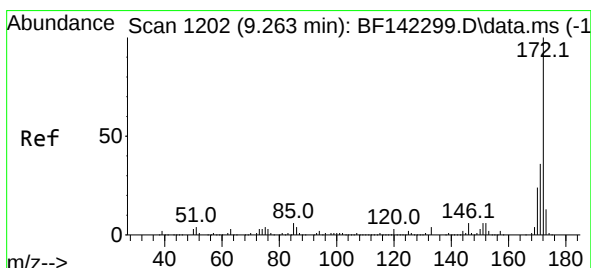
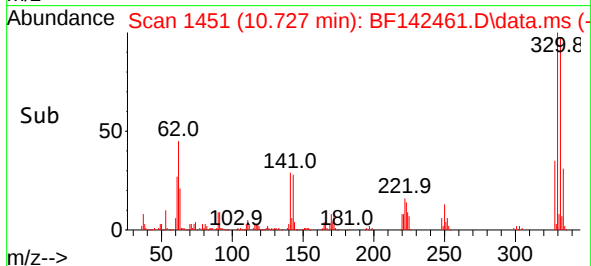
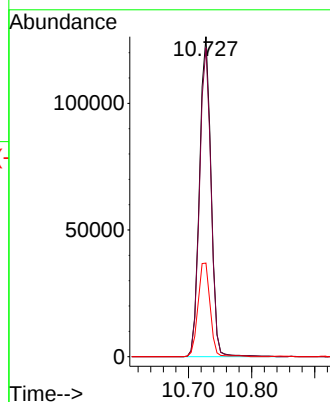
Tgt Ion:330 Resp: 159304

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 31.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 48.989 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142461.D

Acq: 19 May 2025 19:54

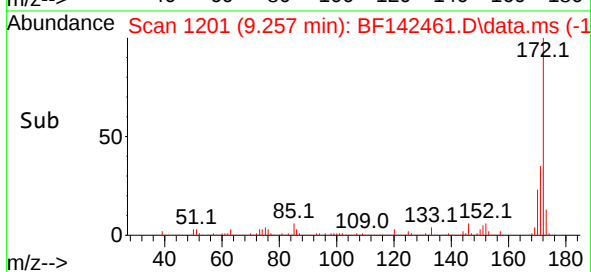
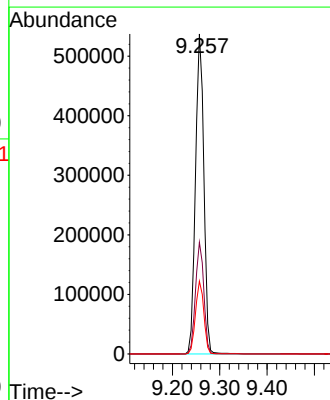
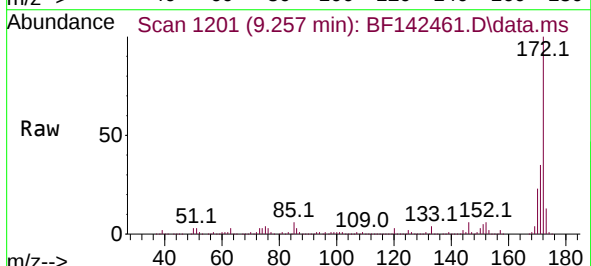
Tgt Ion:172 Resp: 658963

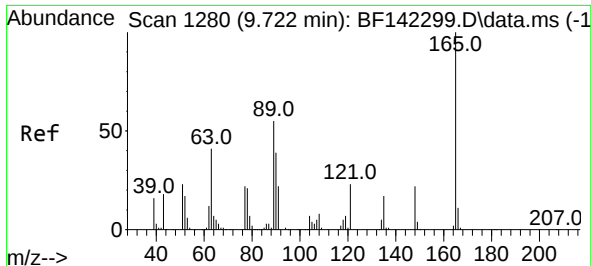
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

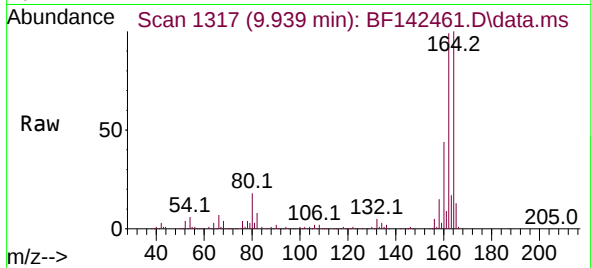
170 22.8 19.0 28.4



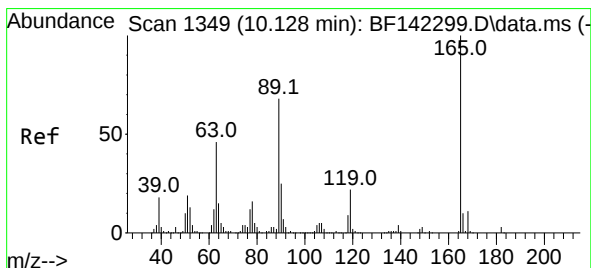
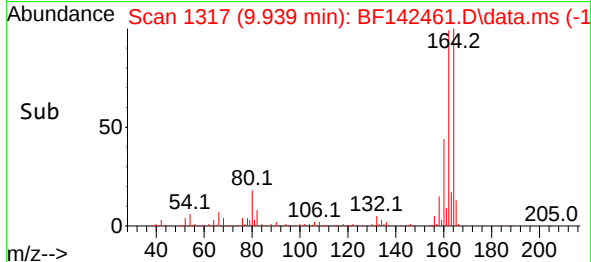
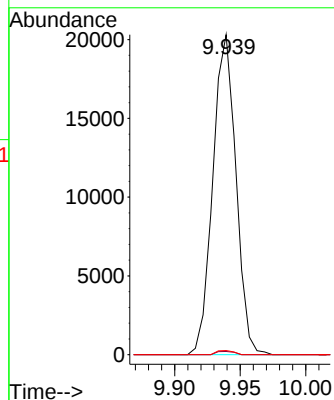


#51
2,6-Dinitrotoluene
Concen: 10.796 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Instrument :
BNA_F
ClientSampleId :

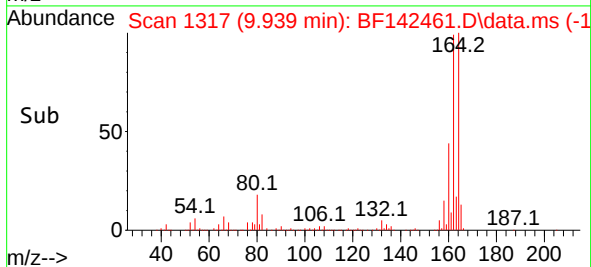
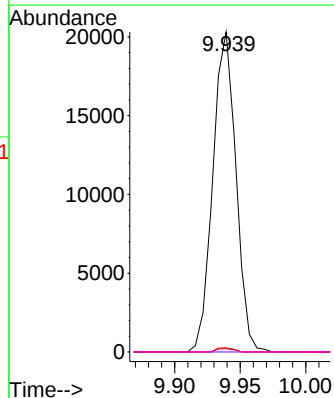
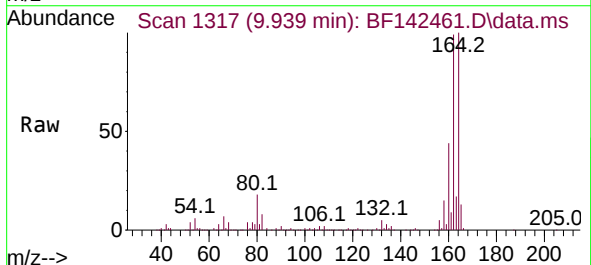


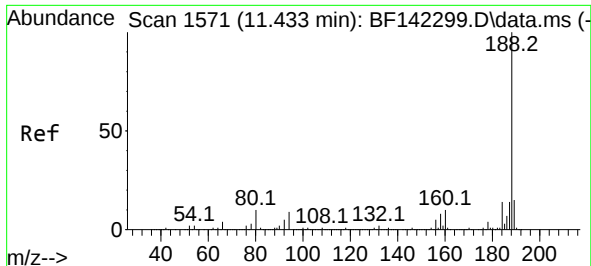
Tgt Ion:165 Resp: 24889
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.3 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.417 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

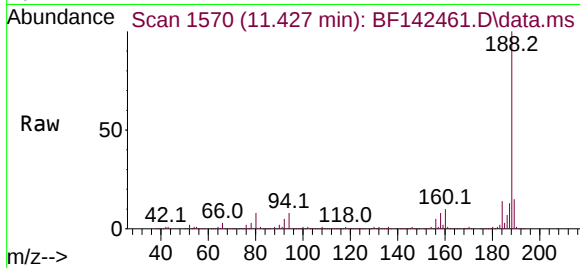
Tgt Ion:165 Resp: 24889
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.3 54.4 81.6#
182 0.0 2.2 3.2#



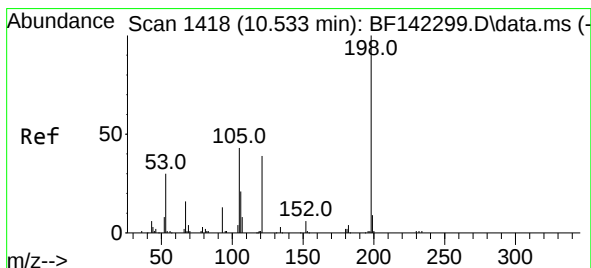
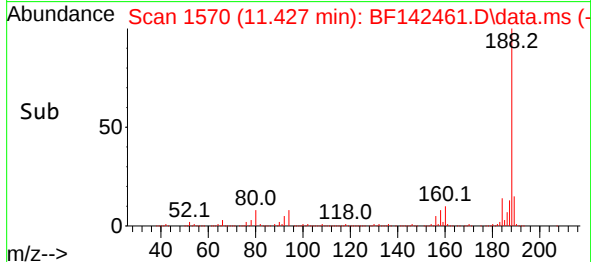
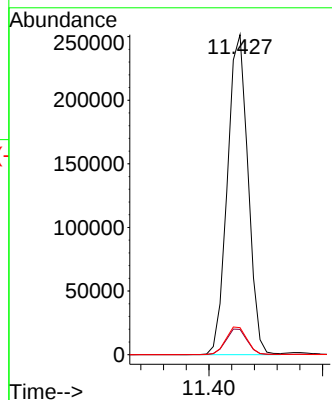


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Instrument :
BNA_F
ClientSampleId :

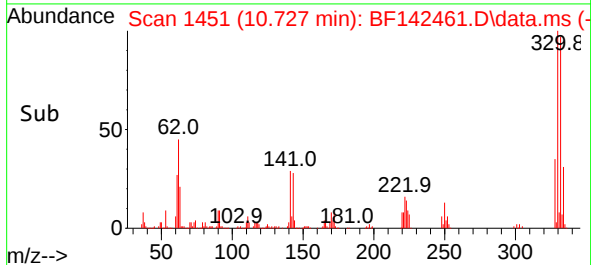
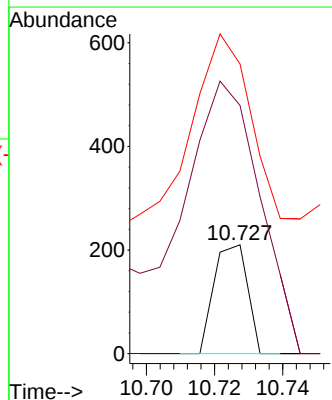
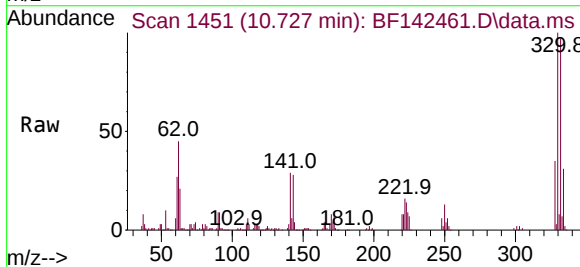


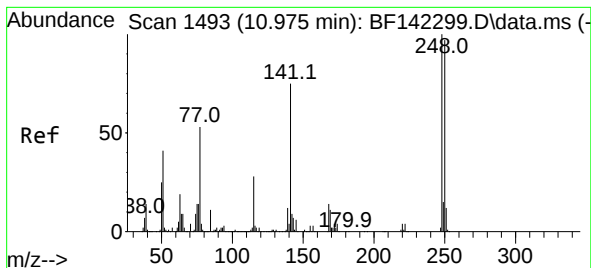
Tgt Ion:188 Resp: 317081
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.267 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.194 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

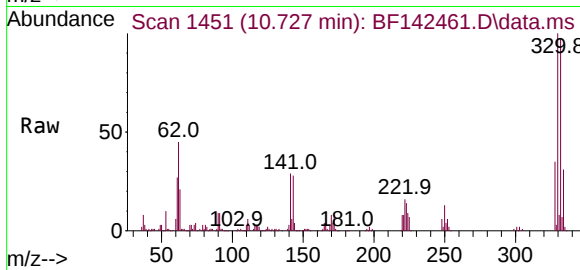
Tgt Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
51 228.1 32.9 72.9#
105 266.2 23.7 63.7#



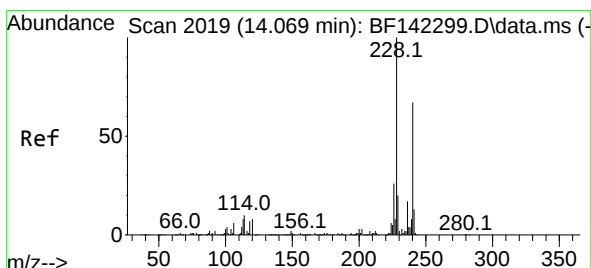
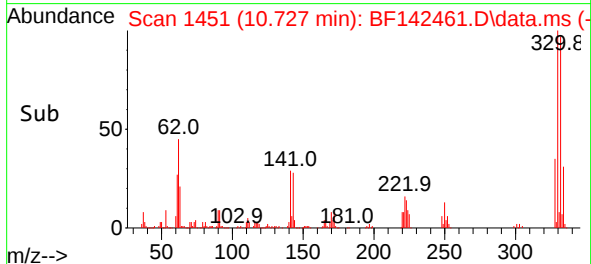
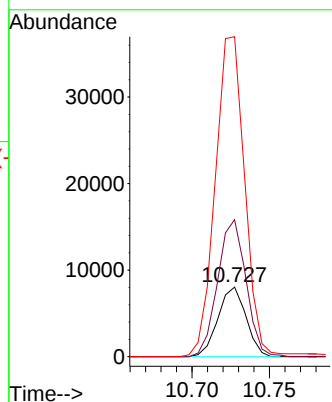


#67
4-Bromophenyl-phenylether
Concen: 2.814 ng
RT: 10.727 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Instrument :
BNA_F
ClientSampleId :

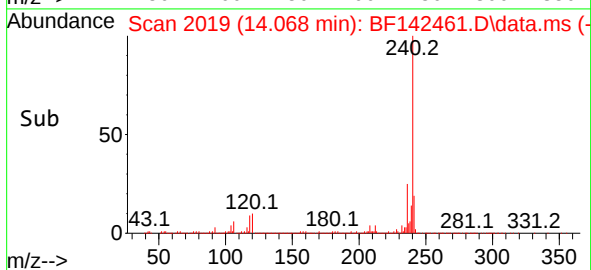
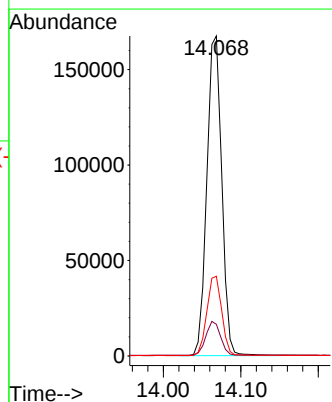
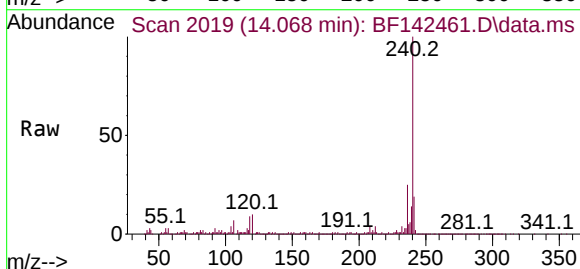


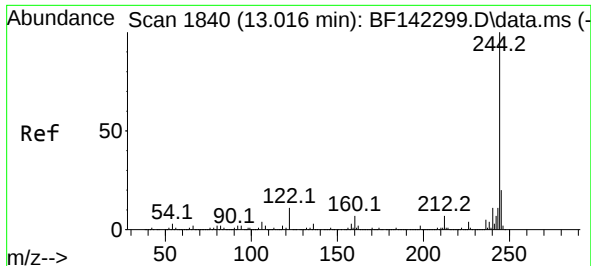
Tgt Ion:248 Resp: 10113
Ion Ratio Lower Upper
248 100
250 196.6 77.9 116.9#
141 459.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

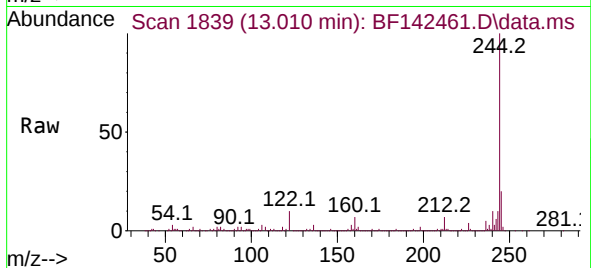
Tgt Ion:240 Resp: 223361
Ion Ratio Lower Upper
240 100
120 9.9 9.7 14.5
236 24.9 20.0 30.0



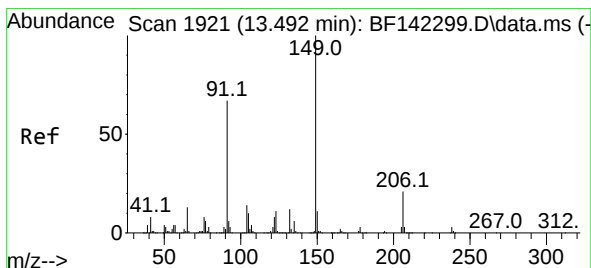
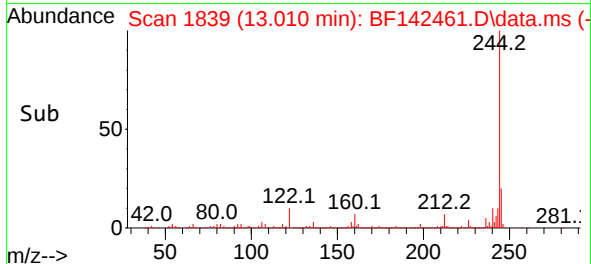
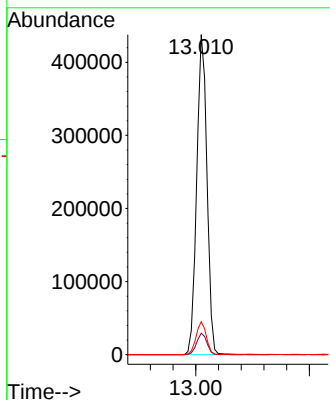


#79
 Terphenyl-d14
 Concen: 36.612 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142461.D
 Acq: 19 May 2025 19:54

Instrument :
 BNA_F
 ClientSampleId :

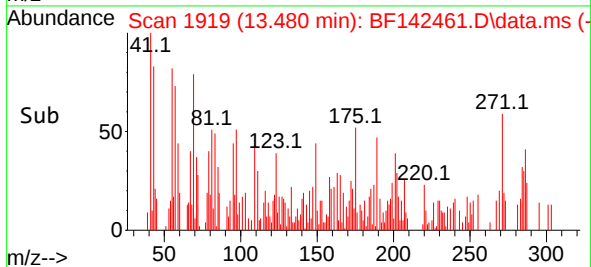
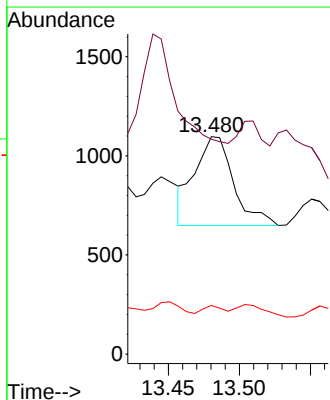
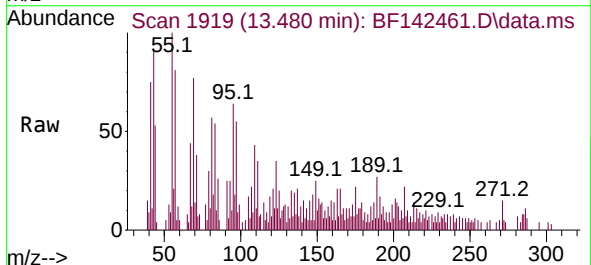


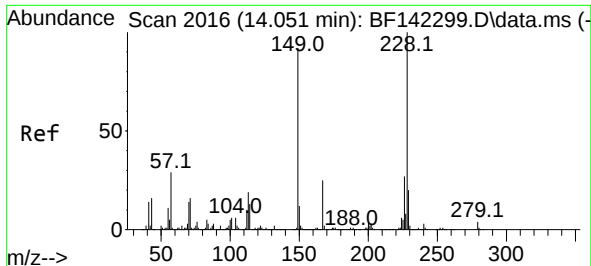
Tgt Ion:244 Resp: 552504
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.796 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142461.D
 Acq: 19 May 2025 19:54

Tgt Ion:149 Resp: 857
 Ion Ratio Lower Upper
 149 100
 91 98.8 53.8 80.6#
 206 22.3 16.6 24.8

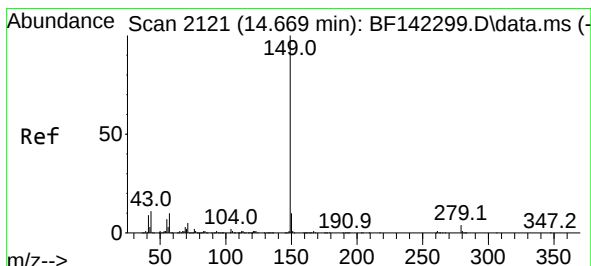
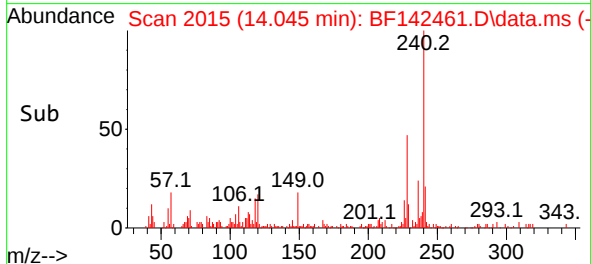
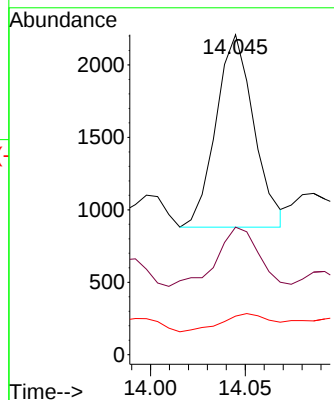
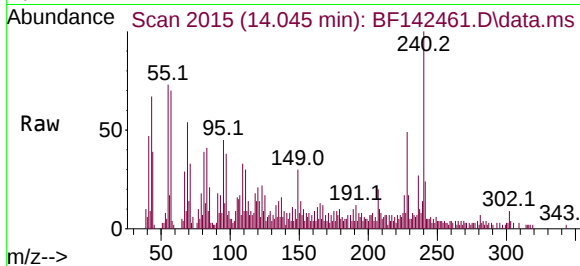




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.460 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

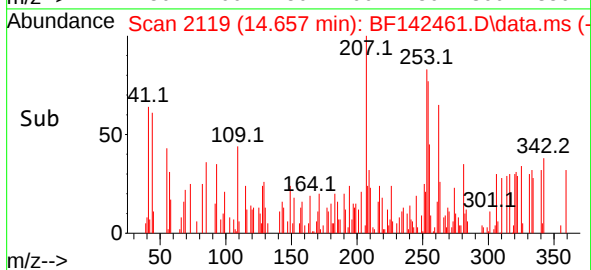
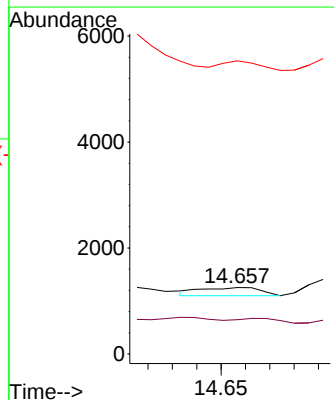
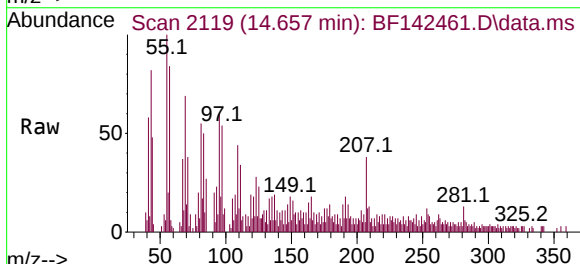
Instrument :
BNA_F
ClientSampleId :

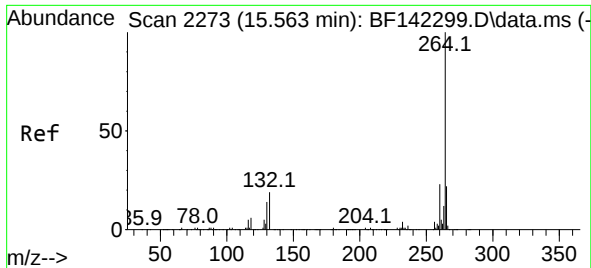
Tgt Ion:149 Resp: 1845
Ion Ratio Lower Upper
149 100
167 39.9 22.0 33.0#
279 12.0 3.0 4.6#



#85
Di-n-octyl phthalate
Concen: 7.856 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

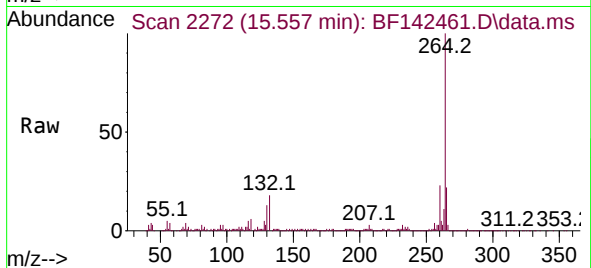
Tgt Ion:149 Resp: 266
Ion Ratio Lower Upper
149 100
167 39.8 1.1 1.7#
43 0.0 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 187737
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.1 17.5 26.3

