

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050625\
 Data File : BF142307.D
 Acq On : 06 May 2025 11:36
 Operator : RC/JU
 Sample : PB167815TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167815TB

Quant Time: May 06 13:11:37 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)

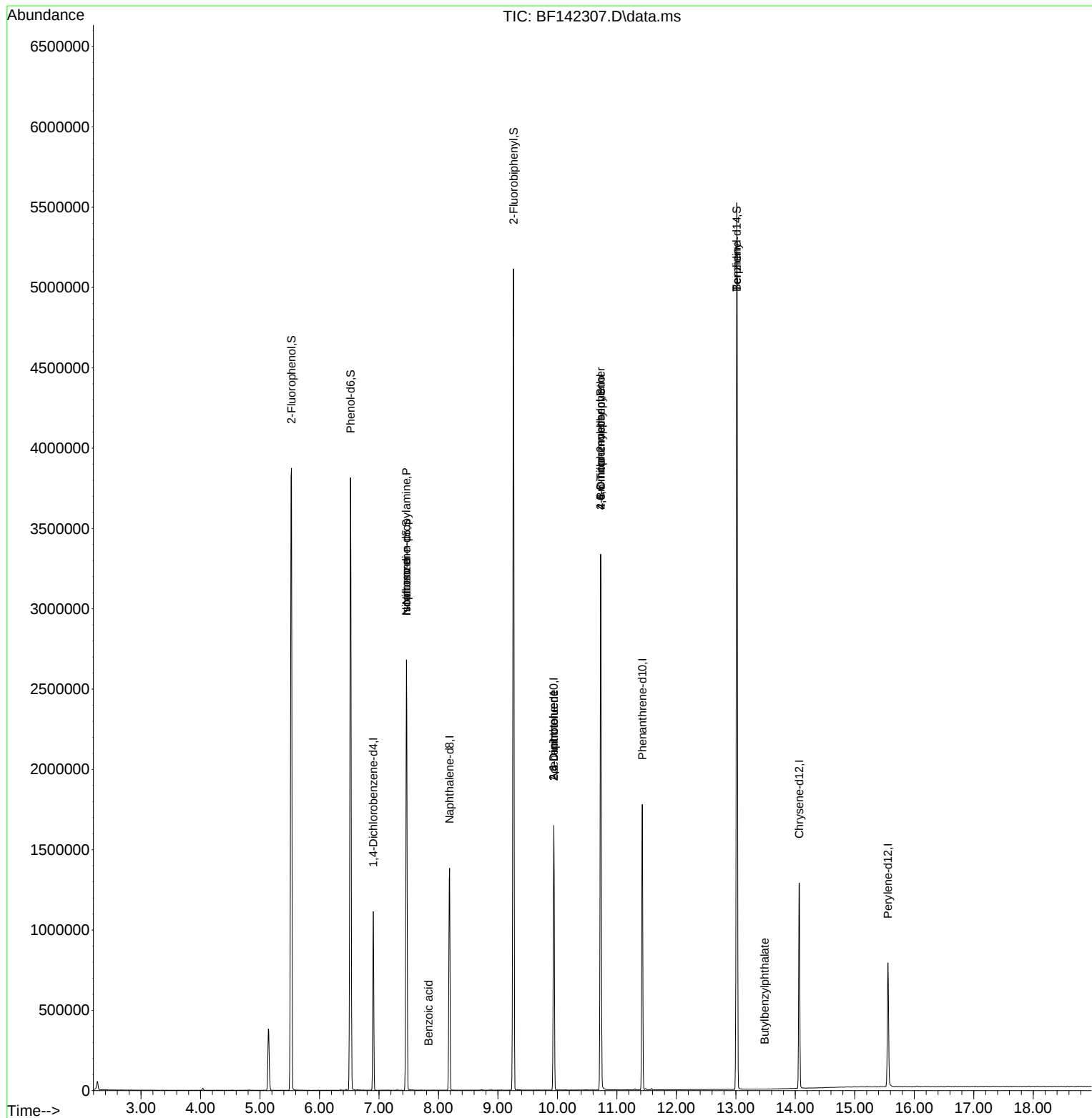
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	229456	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	901096	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	485818	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	890109	20.000	ng	0.00
76) Chrysene-d12	14.069	240	644722	20.000	ng	0.00
86) Perylene-d12	15.557	264	446049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1617862	120.364	ng	0.02
7) Phenol-d6	6.522	99	1964610	118.837	ng	0.00
23) Nitrobenzene-d5	7.463	82	1189585	80.512	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	614406	130.990	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2439559	71.601	ng	0.00
79) Terphenyl-d14	13.016	244	2797679	64.227	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	160174	15.663	ng	# 78
25) Isophorone	7.463	82	1169832	41.811	ng	# 62
32) Benzoic acid	7.834	122	200	6.042	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	61206	10.482	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	61206	8.172	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1153	7.421	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	37997	3.767	ng	# 1
77) Benzidine	13.016	184	34578	2.951	ng	# 95
80) Butylbenzylphthalate	13.486	149	55	3.662	ng	# 26

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

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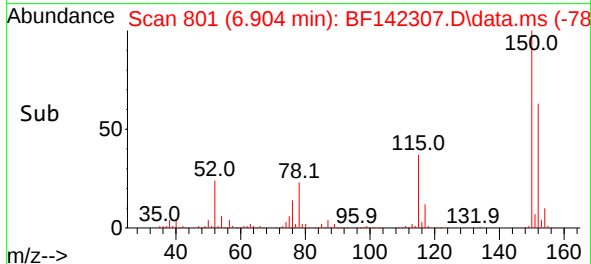
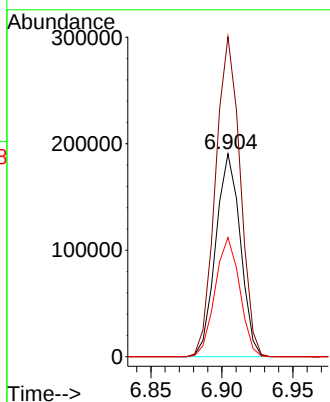
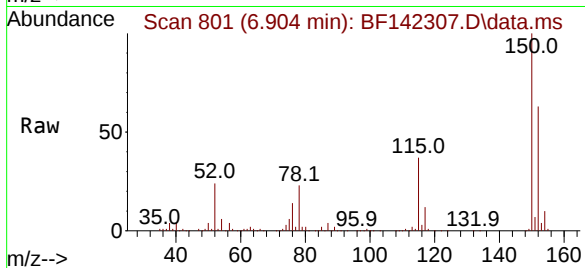




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

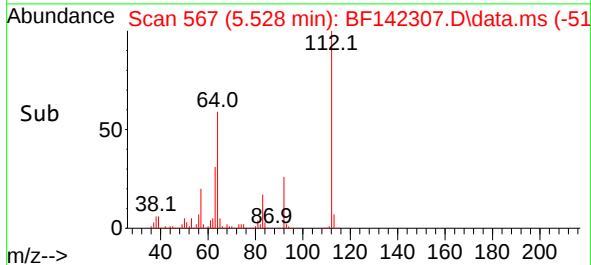
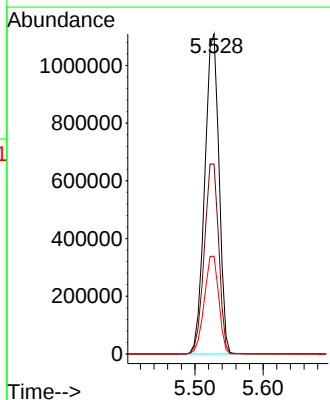
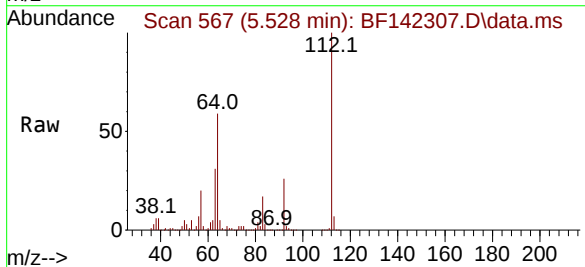
Instrument :
BNA_F
ClientSampleId :
PB167815TB

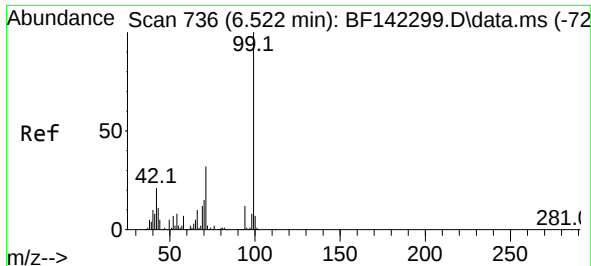
Tgt Ion:152 Resp: 229456
Ion Ratio Lower Upper
152 100
150 157.7 126.6 190.0
115 58.7 47.3 70.9



#5
2-Fluorophenol
Concen: 120.364 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion:112 Resp: 1617862
Ion Ratio Lower Upper
112 100
64 59.3 48.9 73.3
63 30.6 25.6 38.4

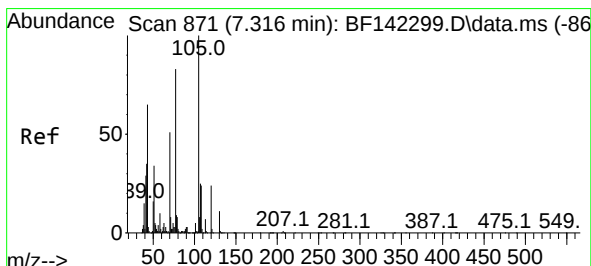
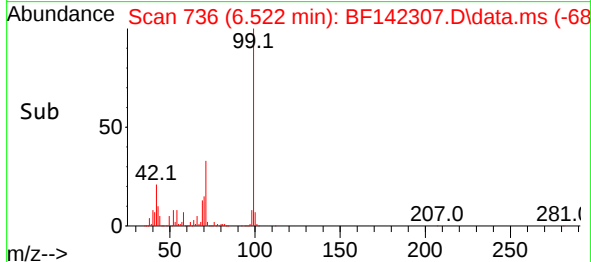
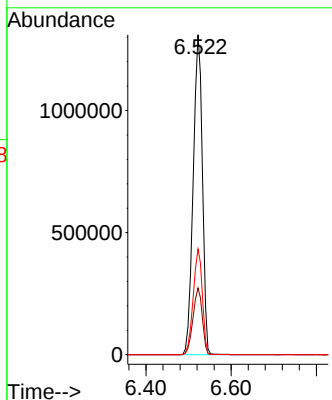
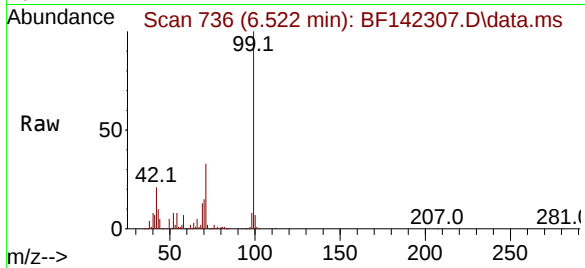




#7
Phenol-d6
Concen: 118.837 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

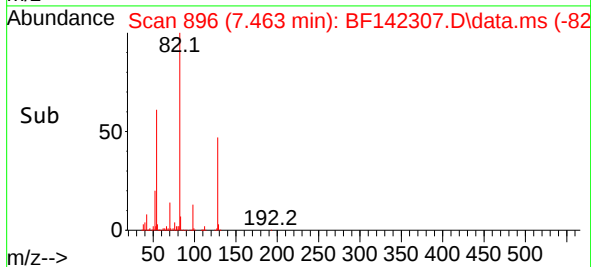
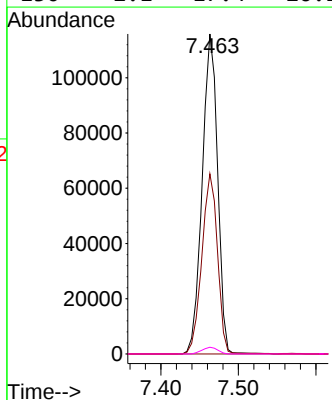
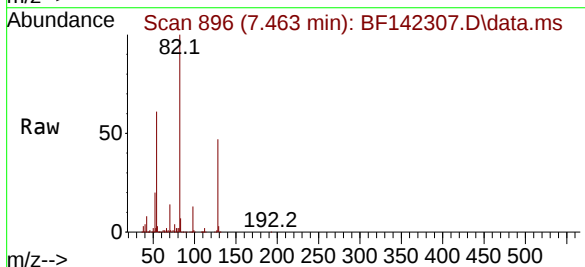
Instrument :
BNA_F
ClientSampleId :
PB167815TB

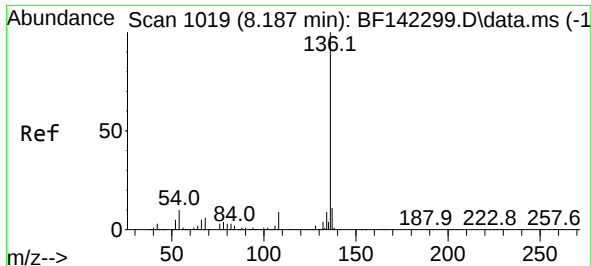
Tgt Ion: 99 Resp: 1964610
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 33.0 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.663 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion: 70 Resp: 160174
Ion Ratio Lower Upper
70 100
42 56.3 54.8 82.2
101 0.0 7.7 11.5#
130 2.1 17.4 26.2#

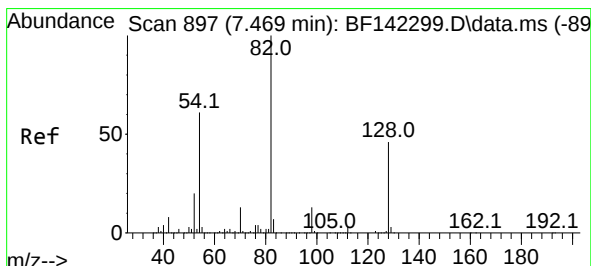
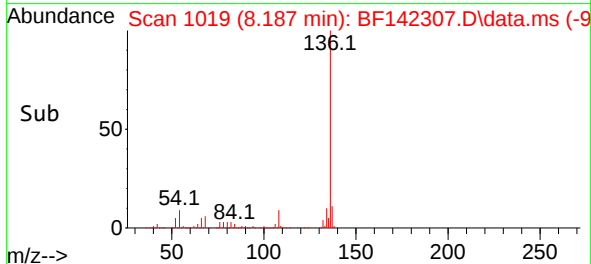
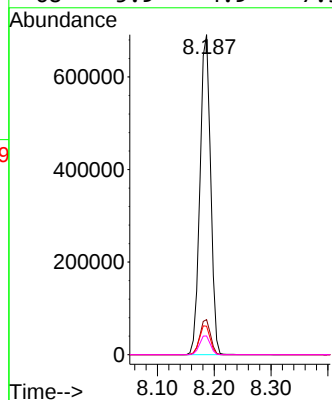
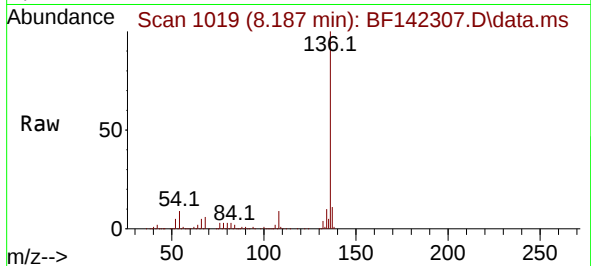




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

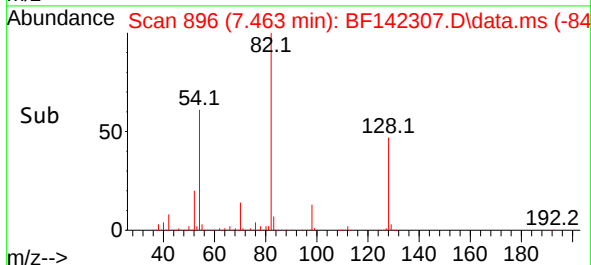
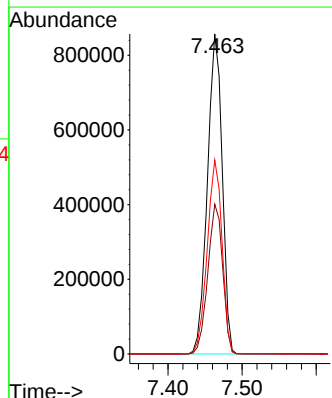
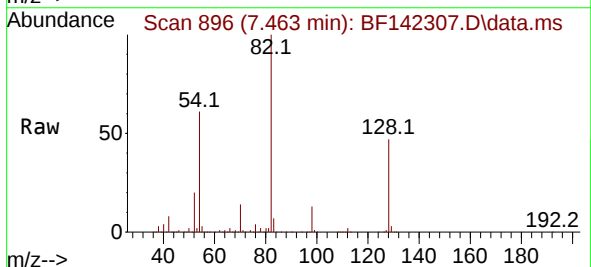
Instrument :
BNA_F
ClientSampleId :
PB167815TB

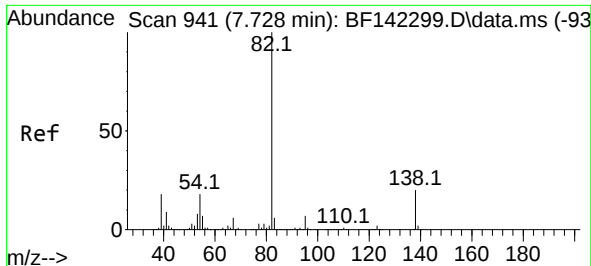
Tgt Ion:136	Resp: 901096
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 8.9	7.7 11.5
68 5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 80.512 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion: 82		Resp: 1189585	
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.0	55.6
54	60.6	48.6	73.0

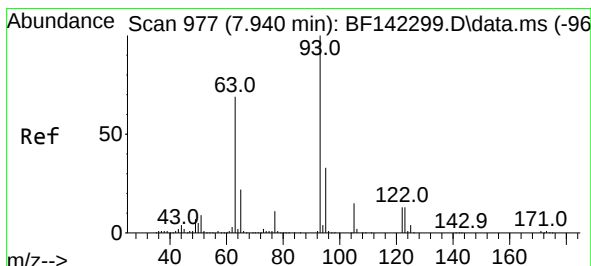
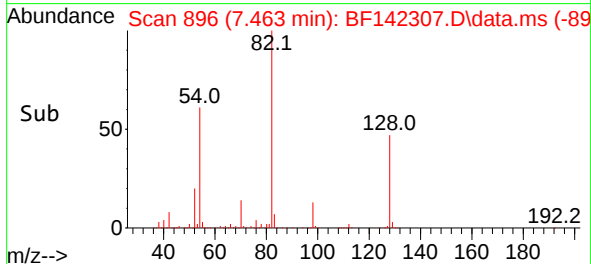
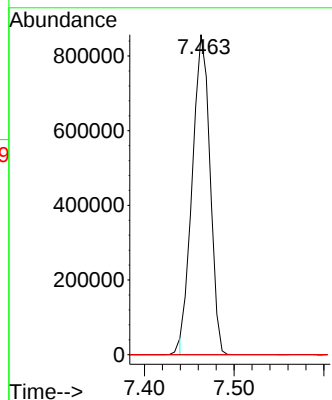
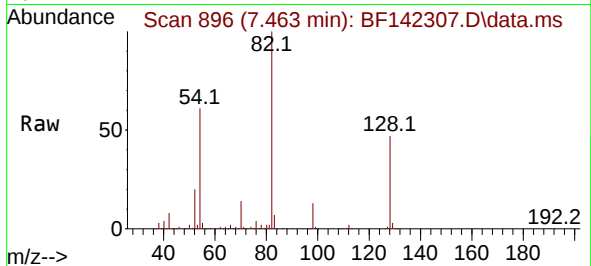




#25
Isophorone
Concen: 41.811 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

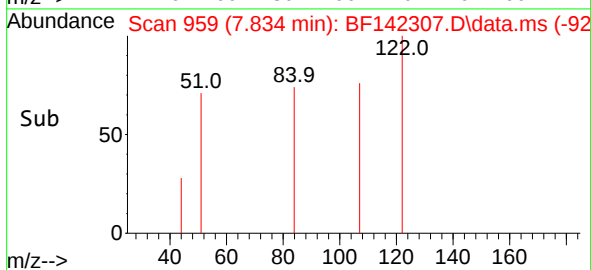
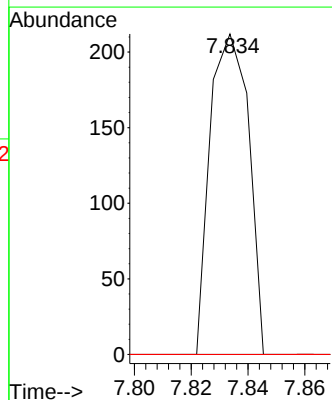
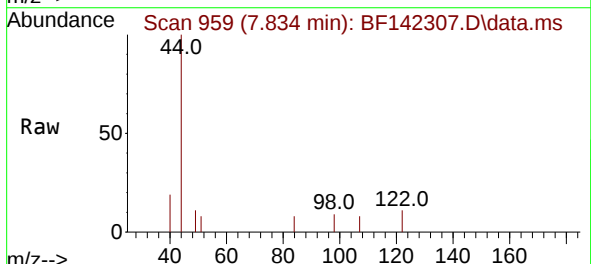
Instrument :
BNA_F
ClientSampleId :
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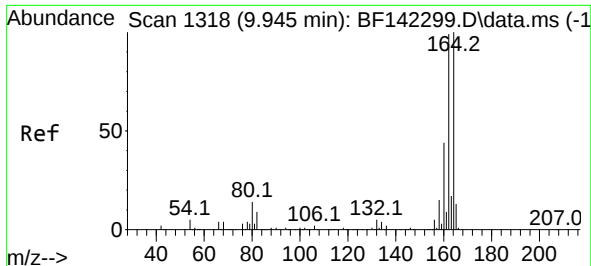
Tgt Ion: 82 Resp: 1169832
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.042 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.106 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion: 122 Resp: 200
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 0.0 67.7 107.7#

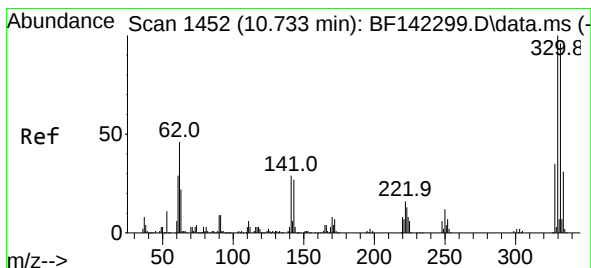
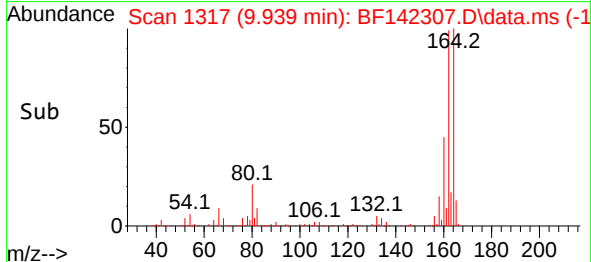
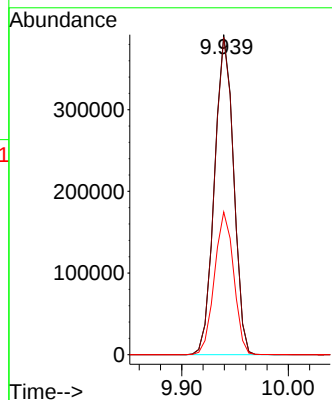
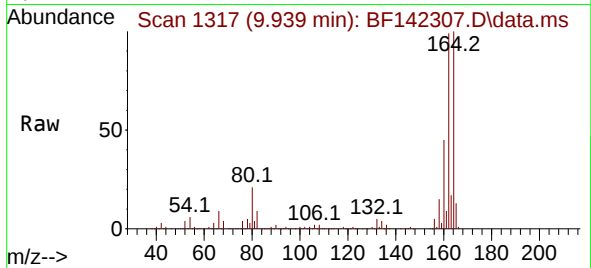




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

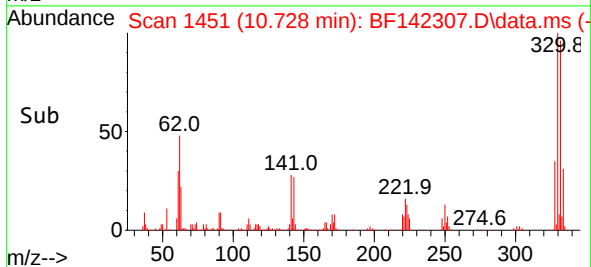
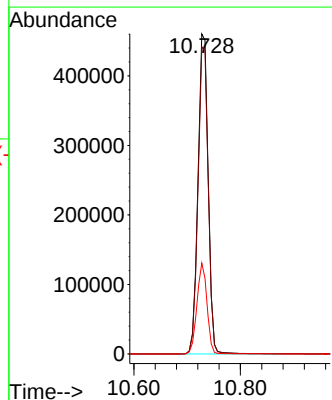
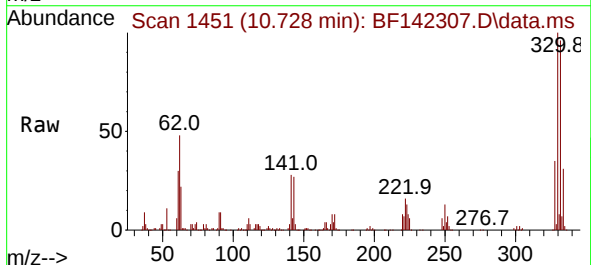
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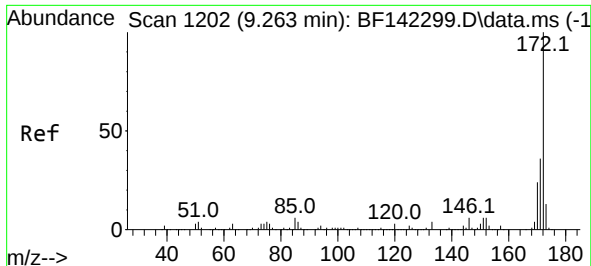
Tgt Ion:164 Resp: 485818
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 130.990 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion:330 Resp: 614406
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 28.0 24.9 37.3

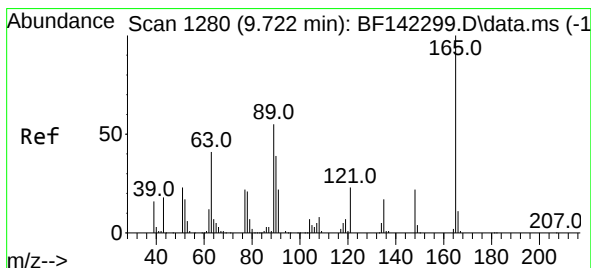
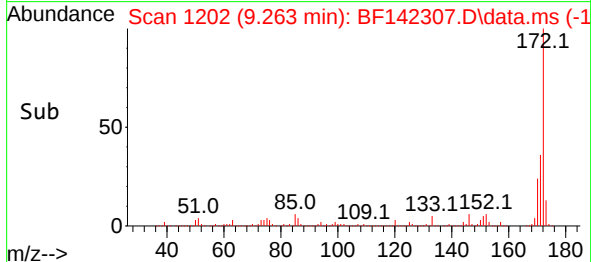
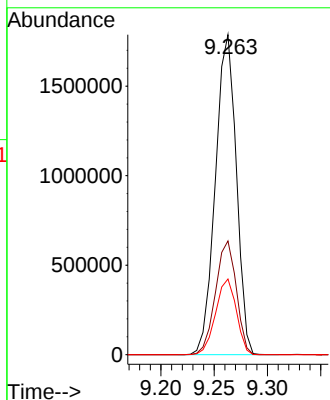
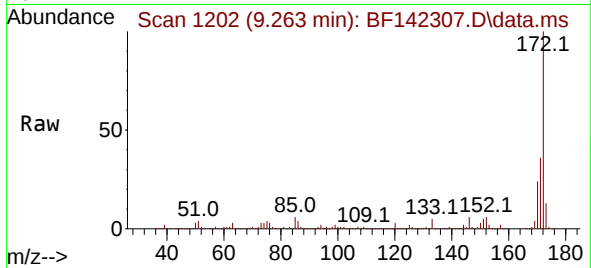




#45
2-Fluorobiphenyl
Concen: 71.601 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

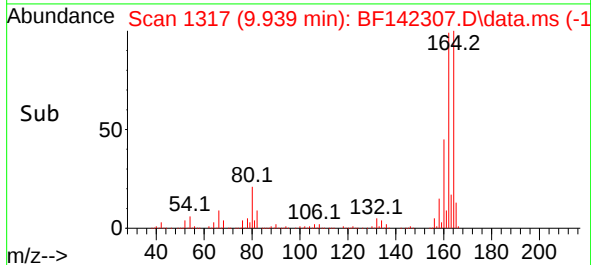
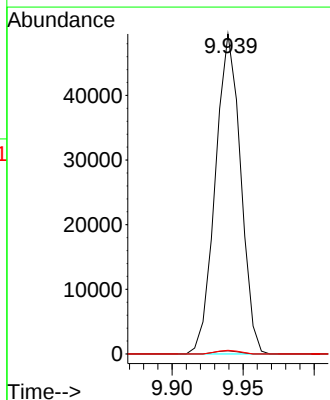
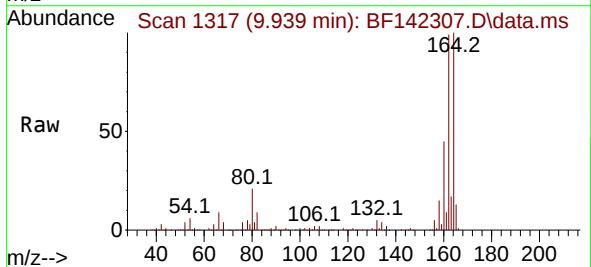
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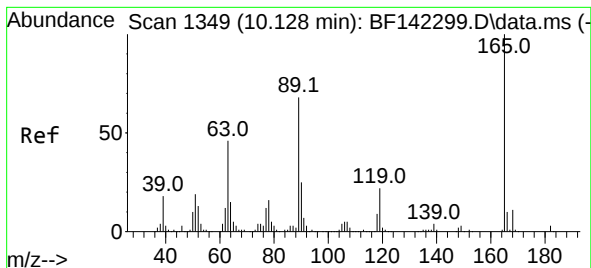
Tgt Ion:172 Resp: 2439559
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.6 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.482 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion:165 Resp: 61206
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.1 44.6 66.8#

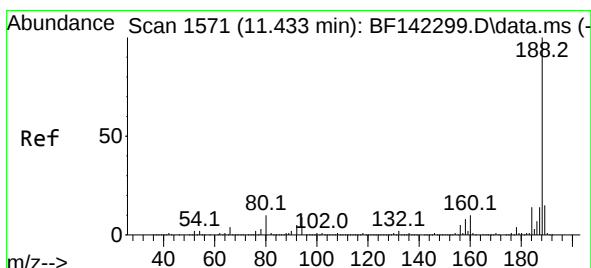
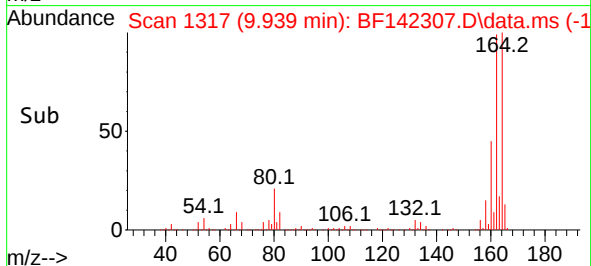
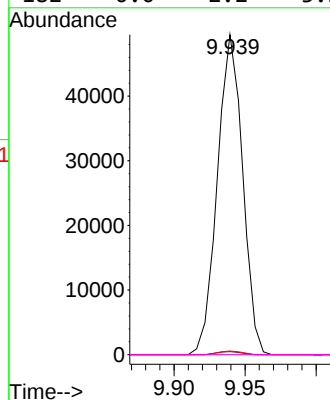
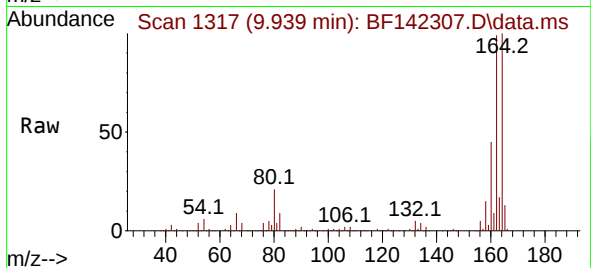




#57
2,4-Dinitrotoluene
Concen: 8.172 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

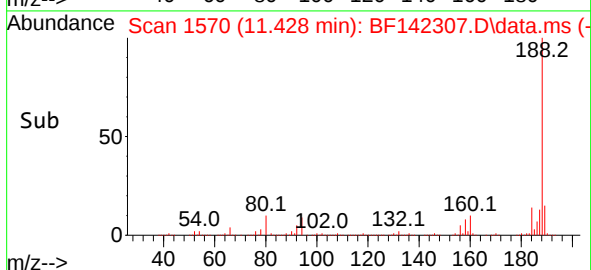
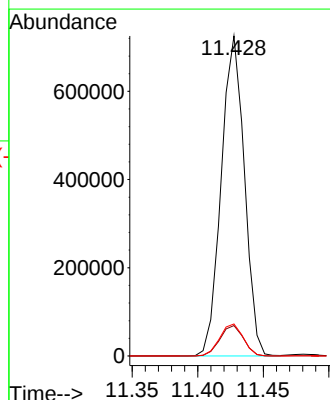
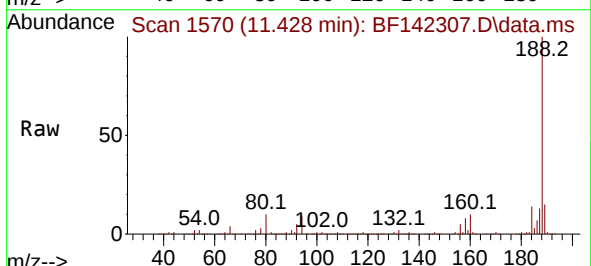
Instrument :
BNA_F
ClientSampleId :
PB167815TB

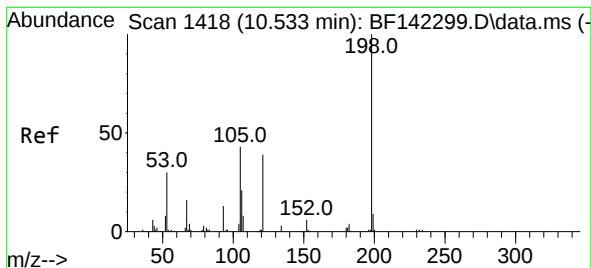
Tgt Ion:165 Resp: 61206
Ion Ratio Lower Upper
165 100
63 0.9 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion:188 Resp: 890109
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.0 7.9 11.9

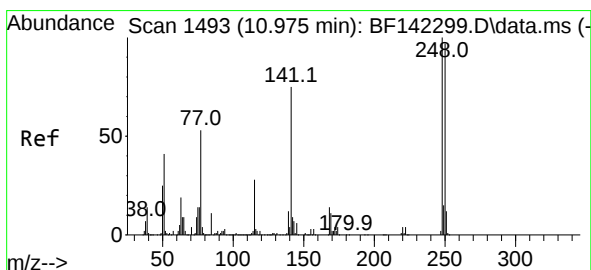
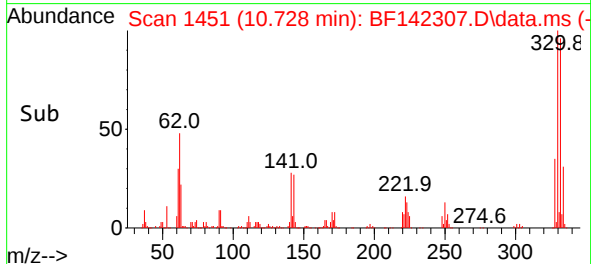
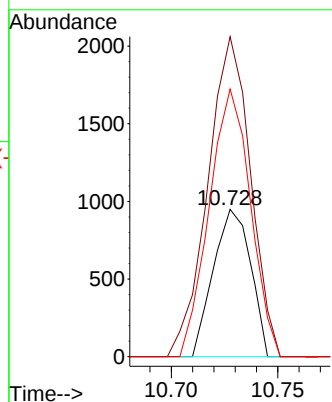
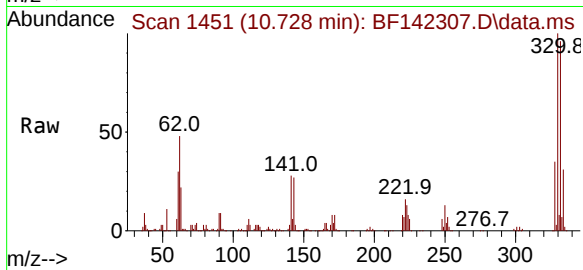




#65
4,6-Dinitro-2-methylphenol
Concen: 7.421 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.195 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

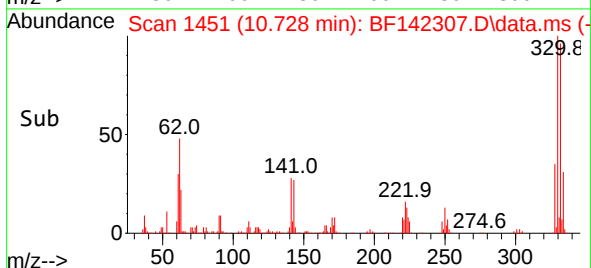
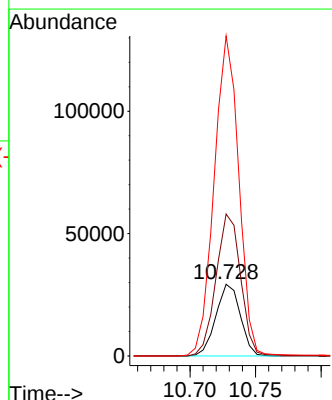
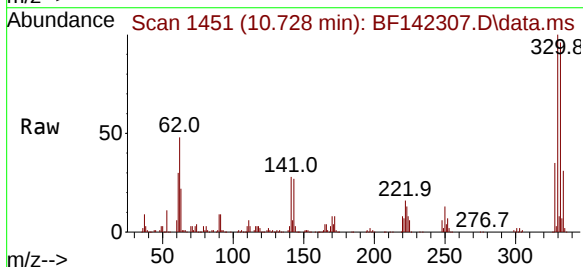
Instrument :
BNA_F
ClientSampleId :
PB167815TB

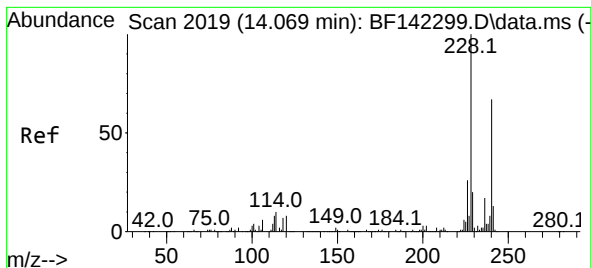
Tgt Ion:198 Resp: 1153
Ion Ratio Lower Upper
198 100
51 217.2 32.9 72.9#
105 181.7 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Tgt Ion:248 Resp: 37997
Ion Ratio Lower Upper
248 100
250 197.9 77.9 116.9#
141 446.3 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF142307.D

Acq: 06 May 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB167815TB

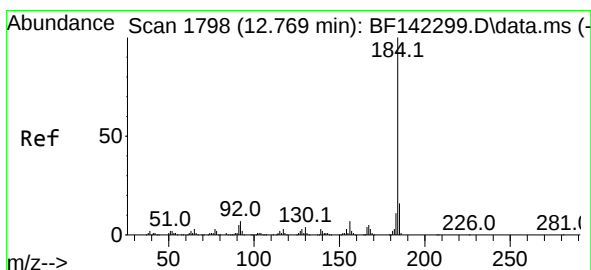
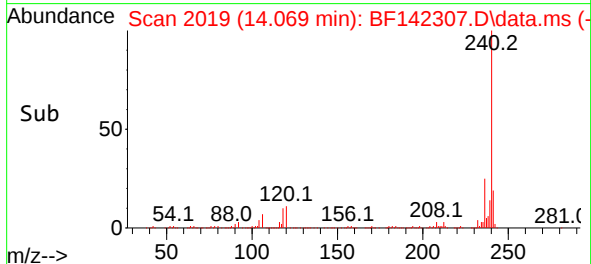
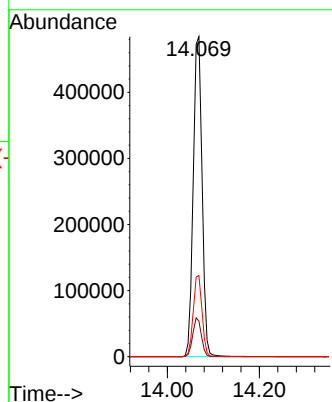
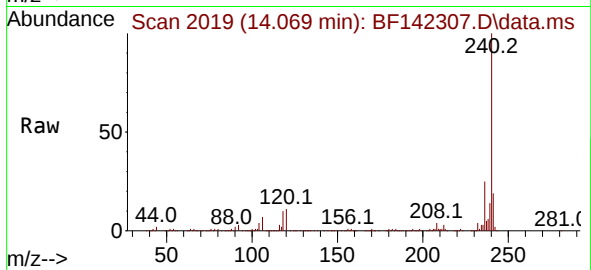
Tgt Ion:240 Resp: 644722

Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 25.4 20.0 30.0



#77

Benidine

Concen: 2.951 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF142307.D

Acq: 06 May 2025 11:36

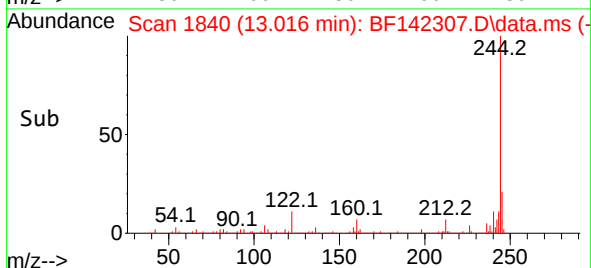
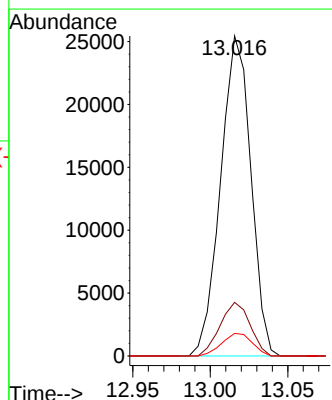
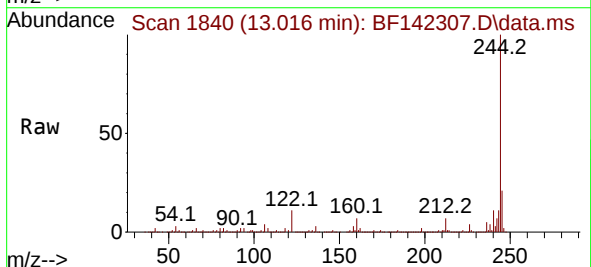
Tgt Ion:184 Resp: 34578

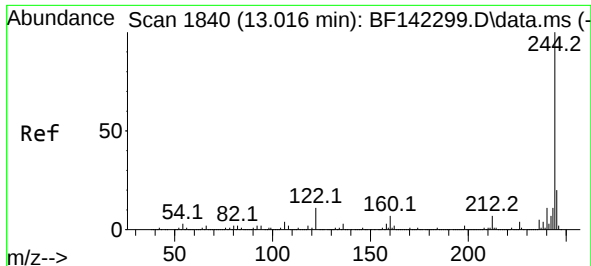
Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

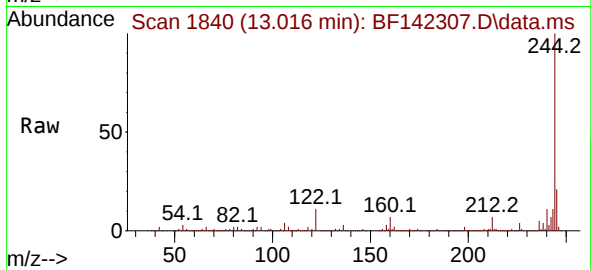
183 7.1 8.6 12.8#





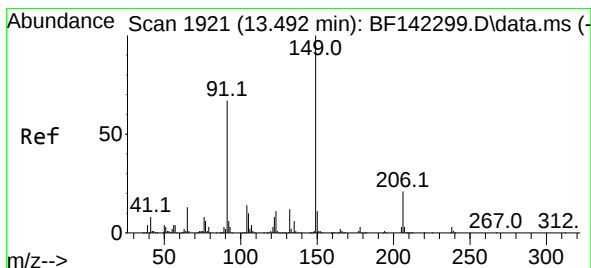
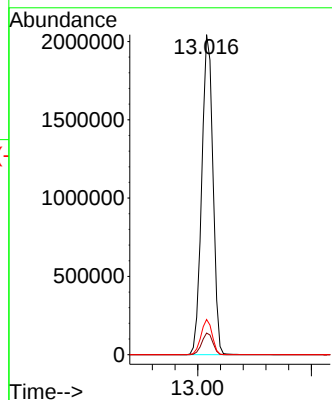
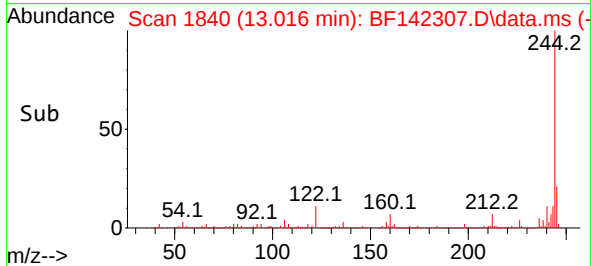
#79
 Terphenyl-d14
 Concen: 64.227 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142307.D
 Acq: 06 May 2025 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB167815TB



Tgt Ion:244 Resp: 2797679

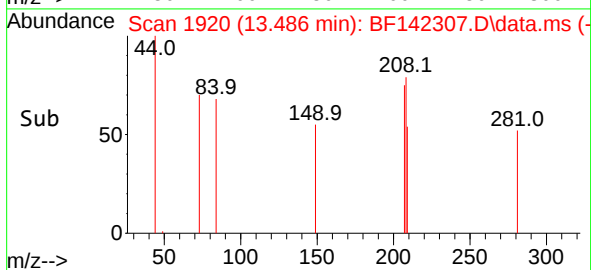
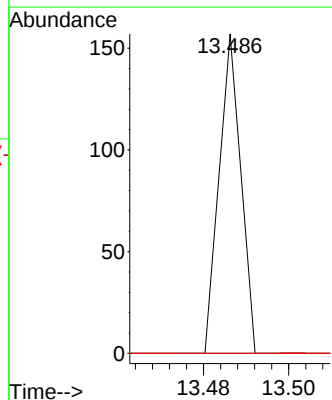
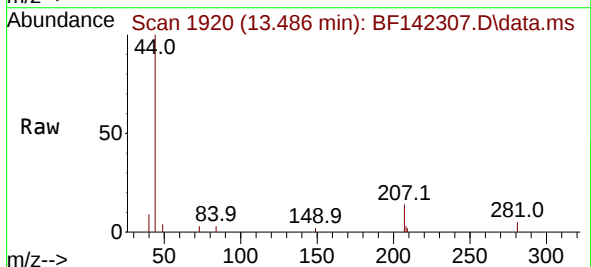
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.0	9.0	13.4

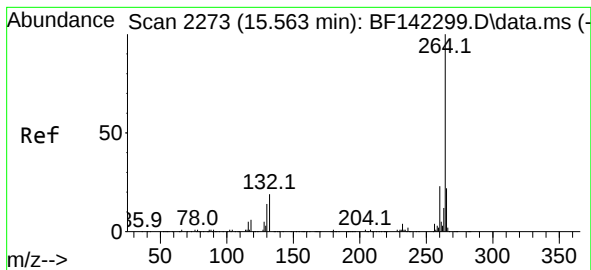


#80
 Butylbenzylphthalate
 Concen: 3.662 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142307.D
 Acq: 06 May 2025 11:36

Tgt Ion:149 Resp: 55

Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.8	80.6#
206	0.0	16.6	24.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142307.D
Acq: 06 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167815TB

Tgt Ion:264 Resp: 446049
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.1 17.5 26.3

