

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142317.D
 Acq On : 12 May 2025 13:46
 Operator : RC/JU
 Sample : Q1986-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

Quant Time: May 12 14:10:38 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)

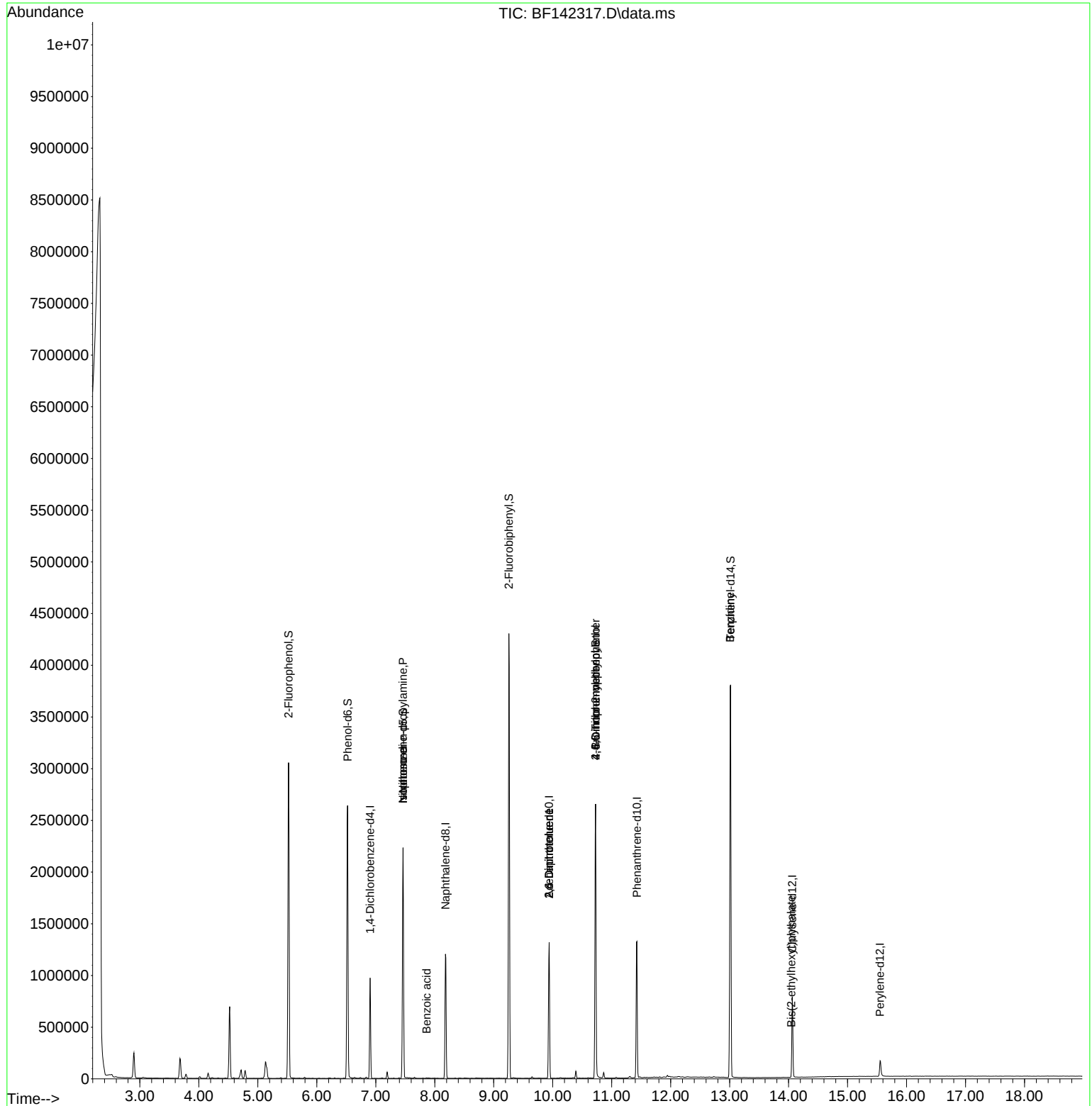
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	203246	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	766000	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	364537	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	700197	20.000	ng	0.00
76) Chrysene-d12	14.063	240	354541	20.000	ng	0.00
86) Perylene-d12	15.551	264	69424	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1176014	98.774	ng	0.01
7) Phenol-d6	6.522	99	1221433	83.411	ng	0.00
23) Nitrobenzene-d5	7.463	82	911040	72.535	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	478280	135.893	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1949519	76.255	ng	0.00
79) Terphenyl-d14	13.016	244	1942535	81.095	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	120583	13.312	ng	# 79
25) Isophorone	7.463	82	908746	38.208	ng	# 62
32) Benzoic acid	7.863	122	2240	6.372	ng	94
51) 2,6-Dinitrotoluene	9.939	165	46448	10.601	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	46448	8.264	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	871	7.412	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	28918	3.644	ng	# 1
77) Benzidine	13.010	184	24792	3.848	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.045	149	717	4.291	ng	# 52

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

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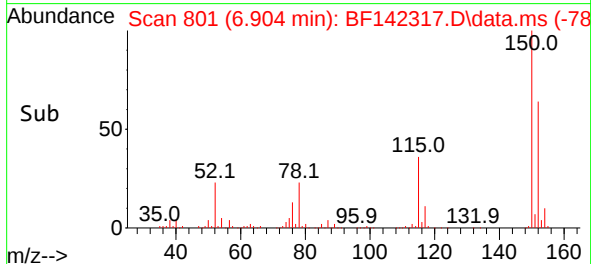
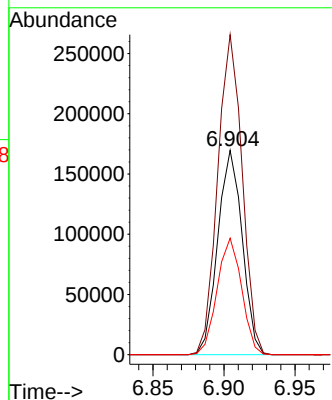
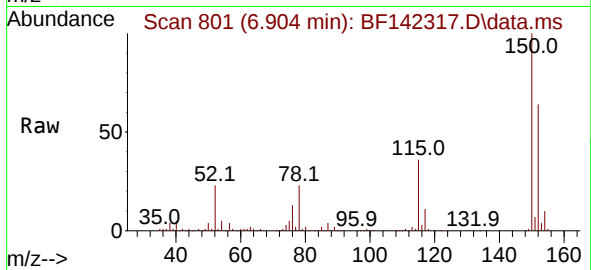




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

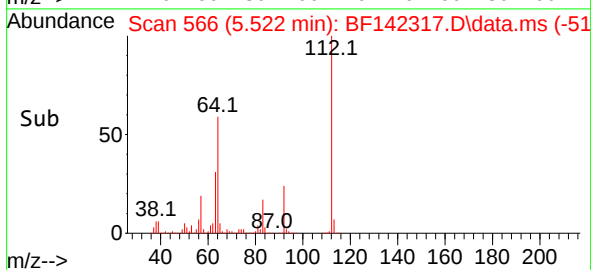
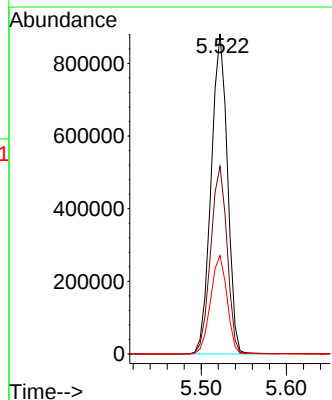
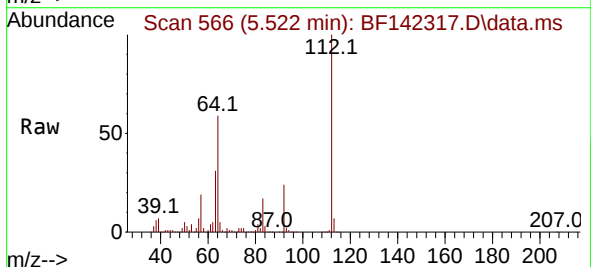
Instrument :
BNA_F
ClientSampleId :
COMP-11

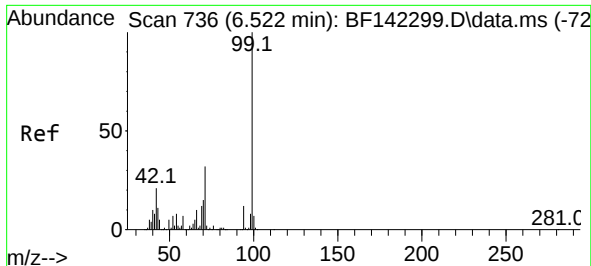
Tgt Ion:152 Resp: 203246
Ion Ratio Lower Upper
152 100
150 156.6 126.6 190.0
115 57.0 47.3 70.9



#5
2-Fluorophenol
Concen: 98.774 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:112 Resp: 1176014
Ion Ratio Lower Upper
112 100
64 58.6 48.9 73.3
63 30.7 25.6 38.4

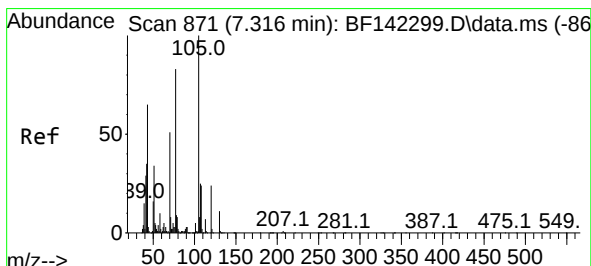
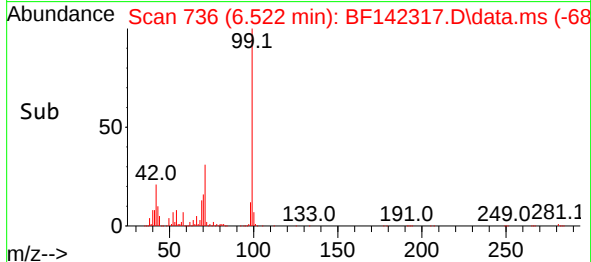
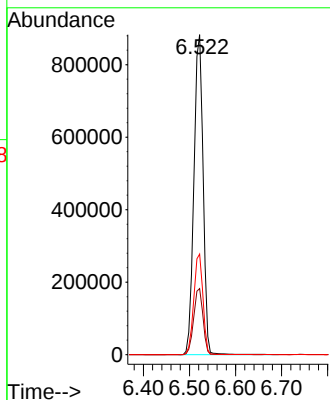
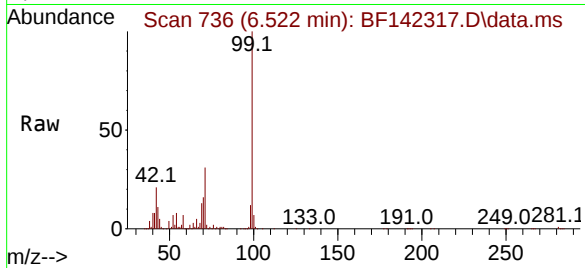




#7
Phenol-d6
Concen: 83.411 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

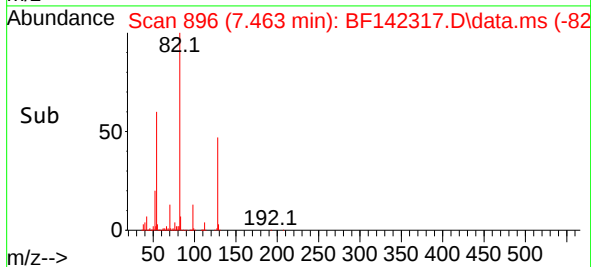
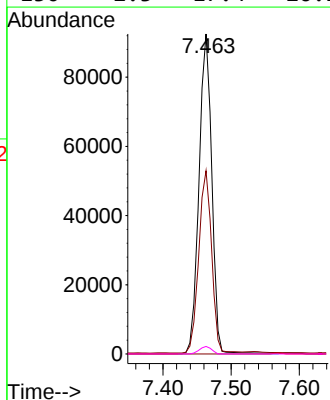
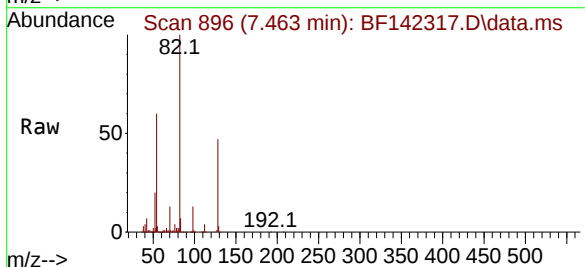
Instrument :
BNA_F
ClientSampleId :
COMP-11

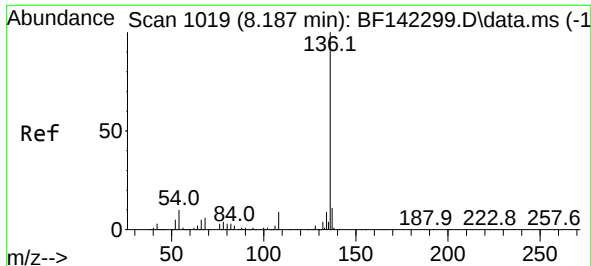
Tgt Ion: 99 Resp: 1221433
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 31.4 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion: 70 Resp: 120583
Ion Ratio Lower Upper
70 100
42 57.2 54.8 82.2
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#

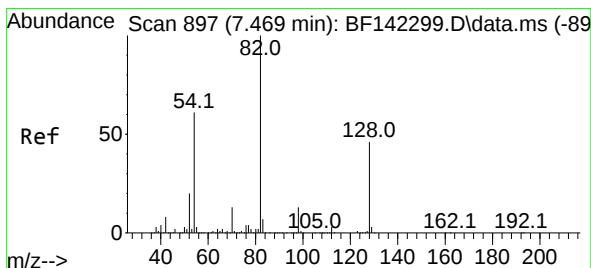
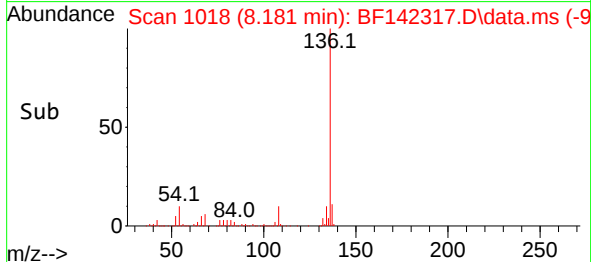
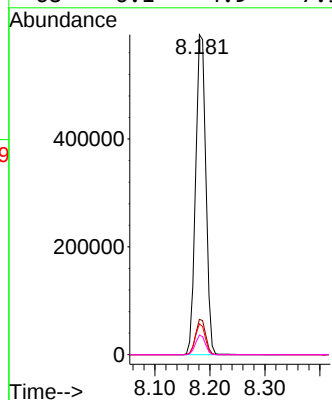
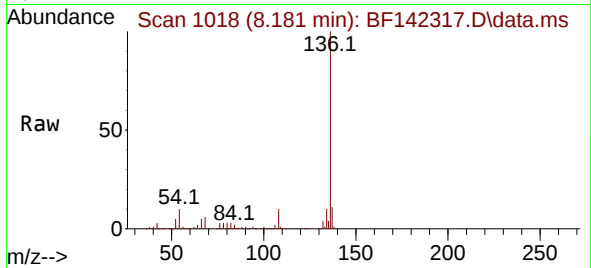




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

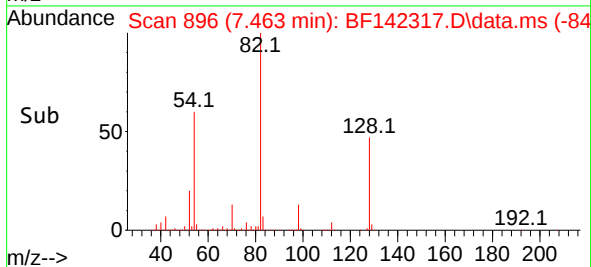
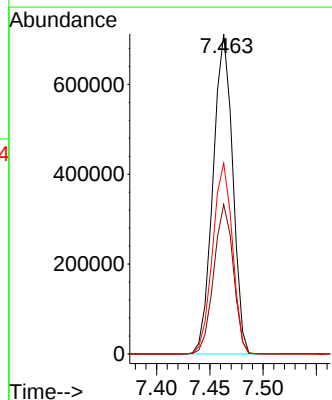
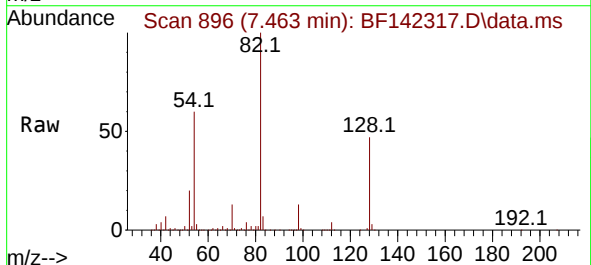
Instrument :
BNA_F
ClientSampleId :
COMP-11

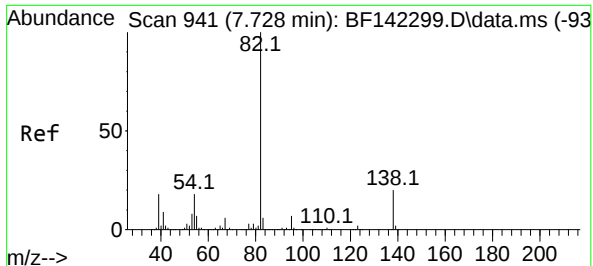
Tgt	Ion:136	Resp:	766000
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	7.7	11.5
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 72.535 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion: 82	Resp: 911040
Ion Ratio	Lower Upper
82 100	
128 46.7	37.0 55.6
54 59.6	48.6 73.0

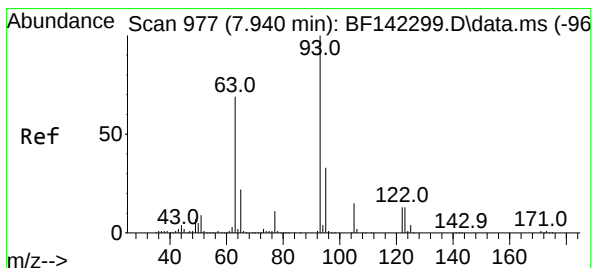
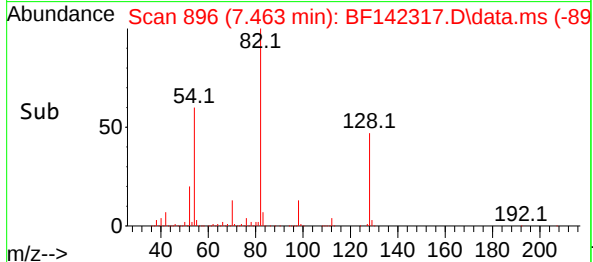
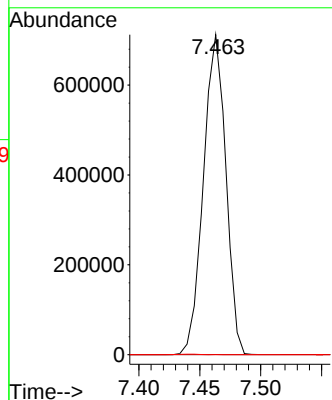
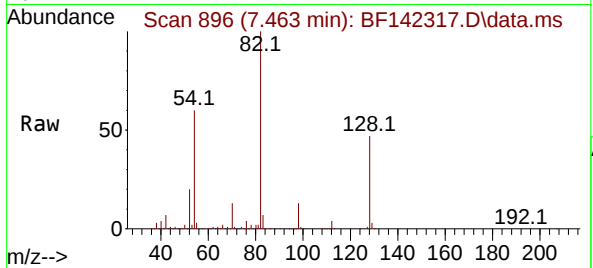




#25
Isophorone
Concen: 38.208 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

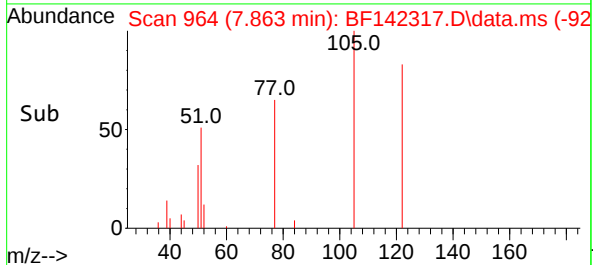
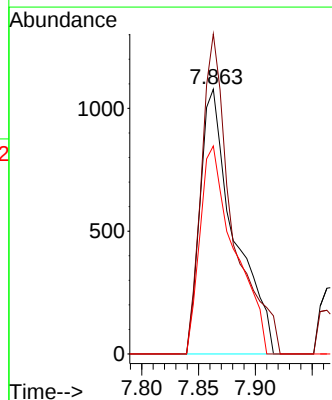
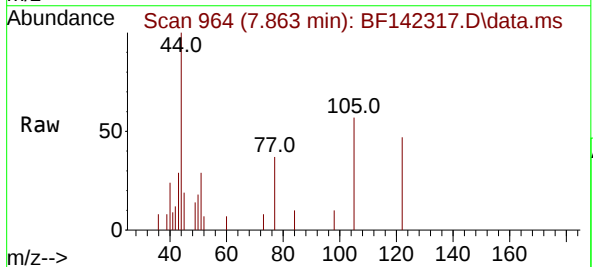
Instrument :
BNA_F
ClientSampleId :
COMP-11

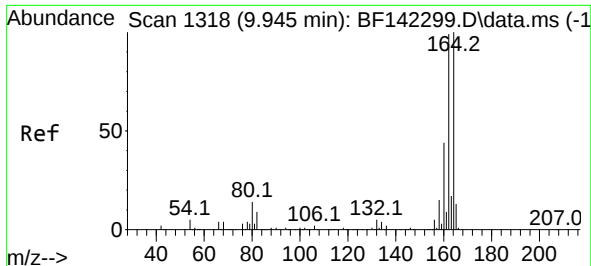
Tgt Ion: 82 Resp: 908746
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.372 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.077 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:122 Resp: 2240
Ion Ratio Lower Upper
122 100
105 120.9 97.9 137.9
77 78.6 67.7 107.7

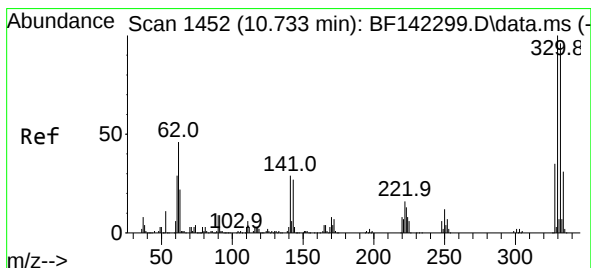
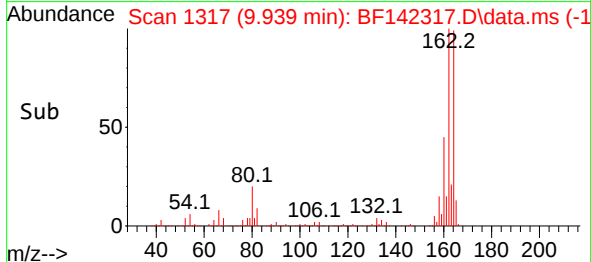
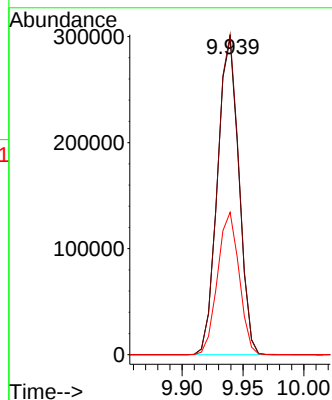
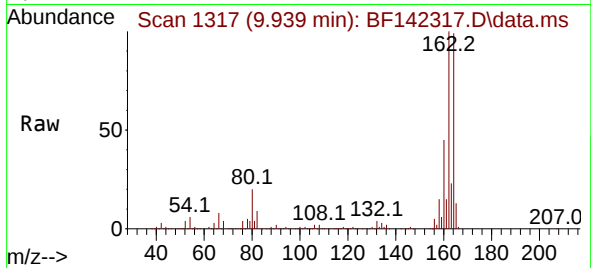




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

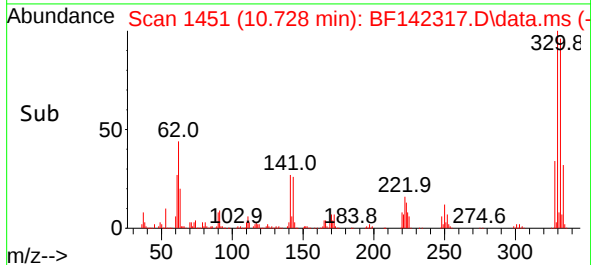
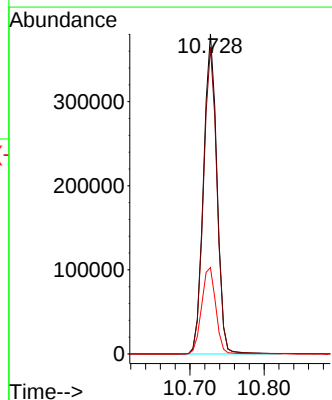
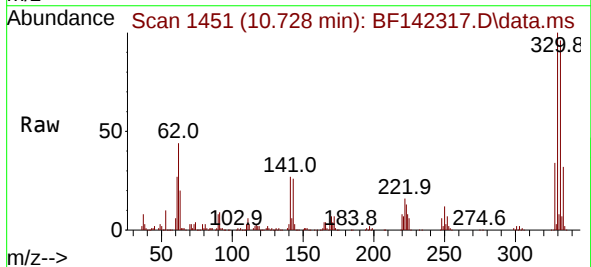
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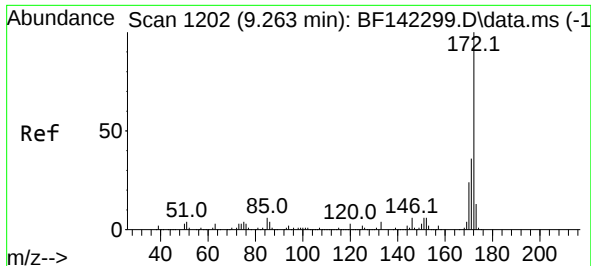
Tgt Ion:164 Resp: 364537
Ion Ratio Lower Upper
164 100
162 101.3 79.2 118.8
160 45.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 135.893 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:330 Resp: 478280
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 28.6 24.9 37.3

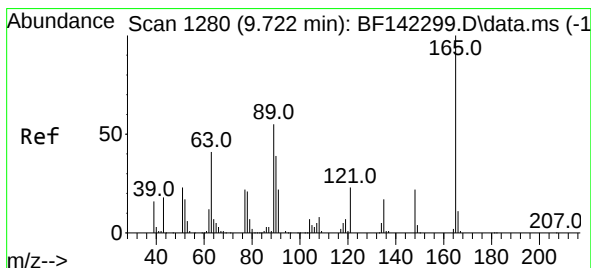
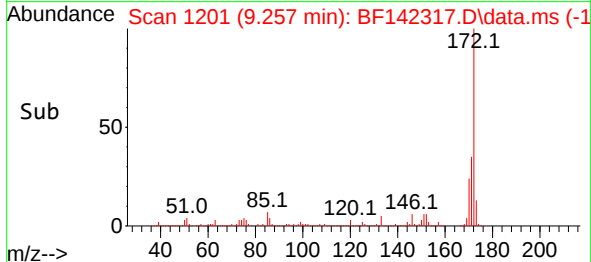
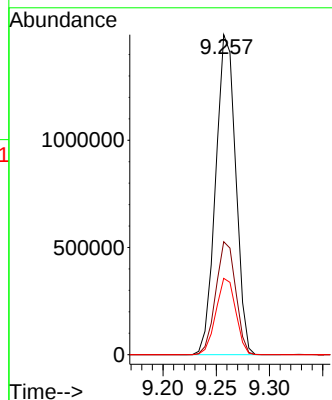
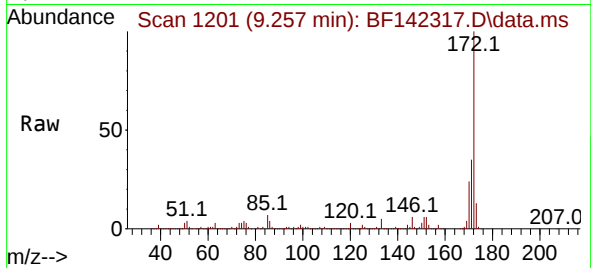




#45
2-Fluorobiphenyl
Concen: 76.255 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

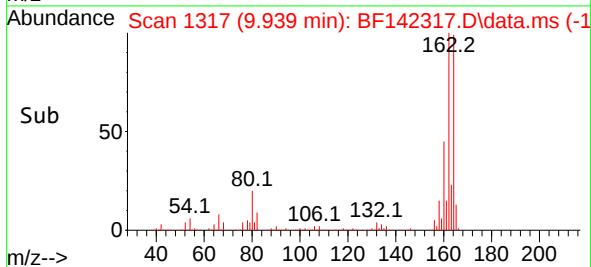
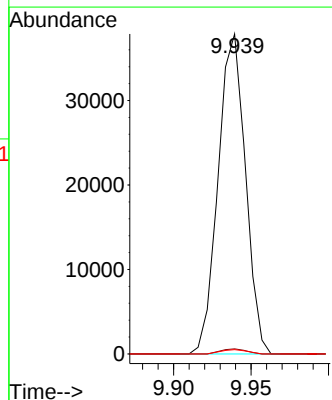
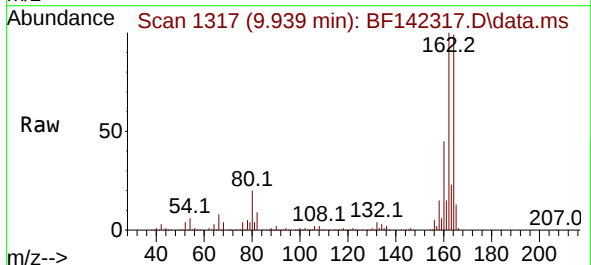
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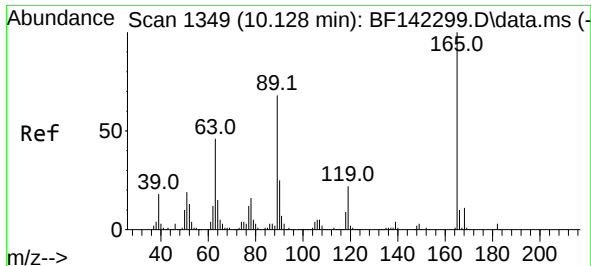
Tgt Ion:172 Resp: 1949519
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.601 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

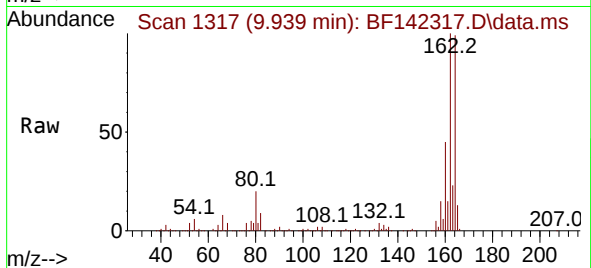
Tgt Ion:165 Resp: 46448
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.4 44.6 66.8#



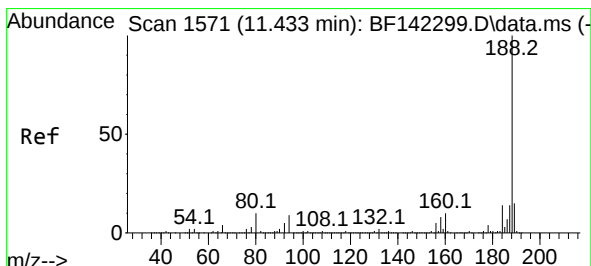
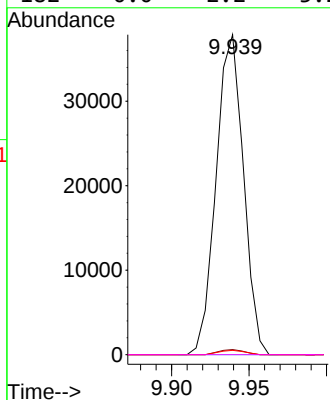
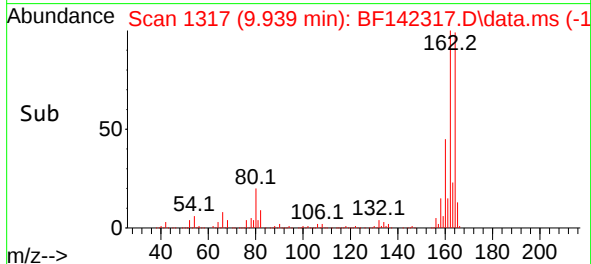


#57
2,4-Dinitrotoluene
Concen: 8.264 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Instrument :
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ClientSampleId :
COMP-11

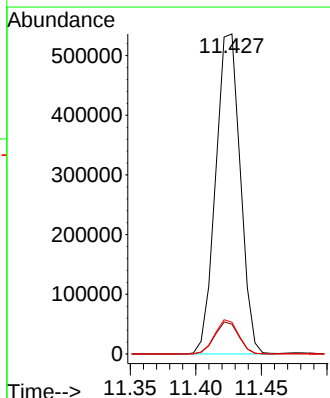
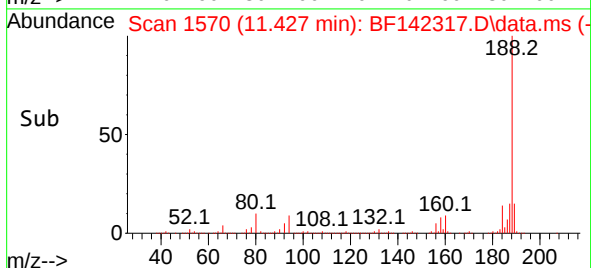
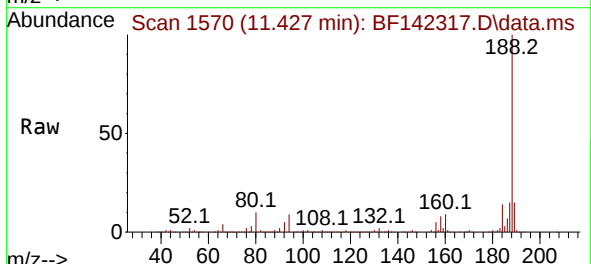


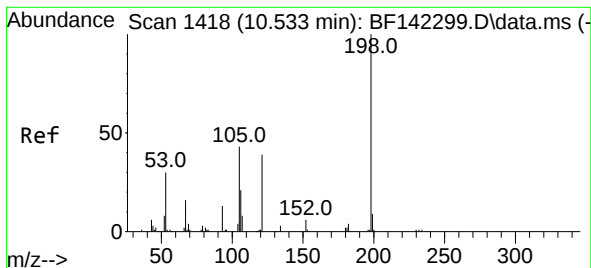
Tgt Ion:165 Resp: 46448
Ion Ratio Lower Upper
165 100
63 1.6 37.1 55.7#
89 1.4 54.4 81.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:188 Resp: 700197
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.9 7.9 11.9

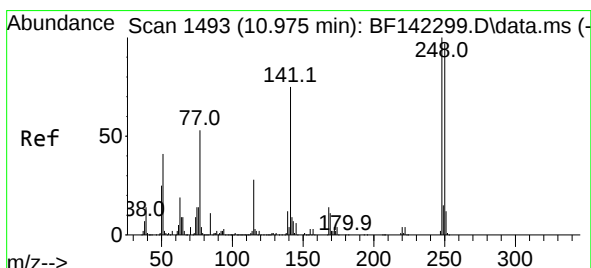
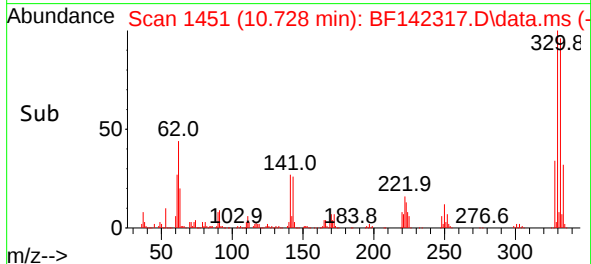
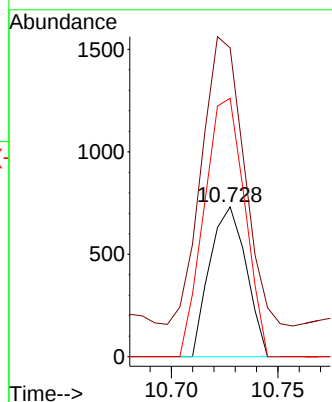
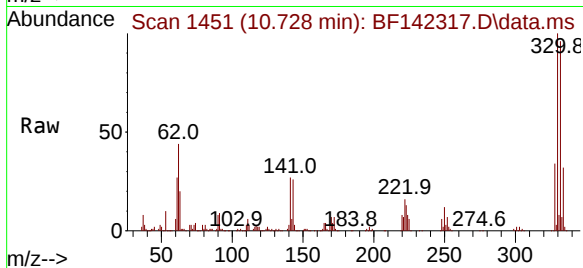




#65
4,6-Dinitro-2-methylphenol
Concen: 7.412 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.195 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

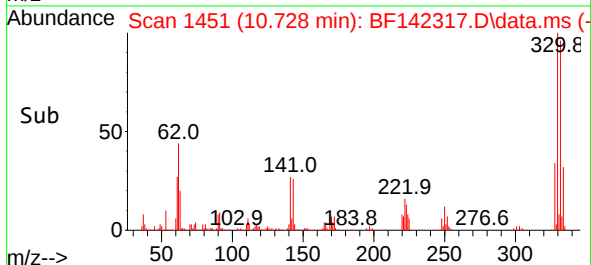
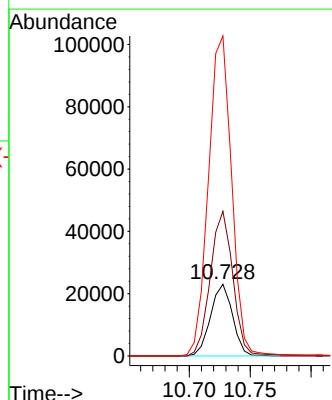
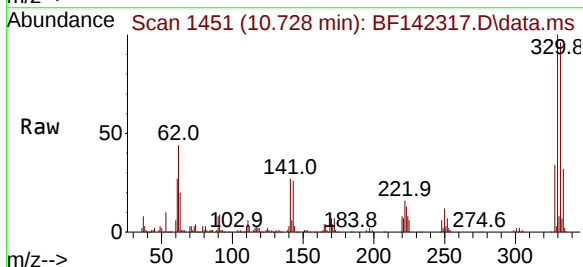
Instrument :
BNA_F
ClientSampleId :
COMP-11

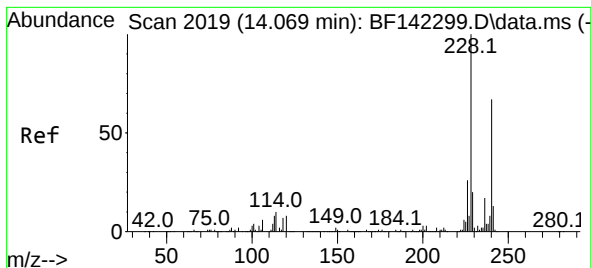
Tgt Ion:198 Resp: 871
Ion Ratio Lower Upper
198 100
51 206.2 32.9 72.9#
105 172.5 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 3.644 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:248 Resp: 28918
Ion Ratio Lower Upper
248 100
250 201.9 77.9 116.9#
141 446.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142317.D

Acq: 12 May 2025 13:46

Instrument :

BNA_F

ClientSampleId :

COMP-11

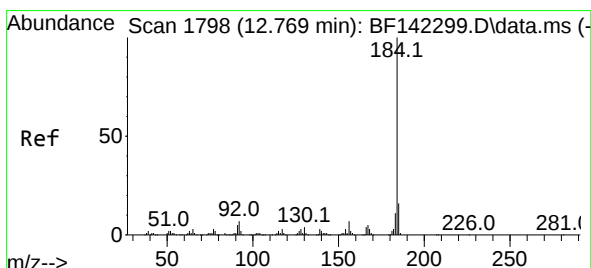
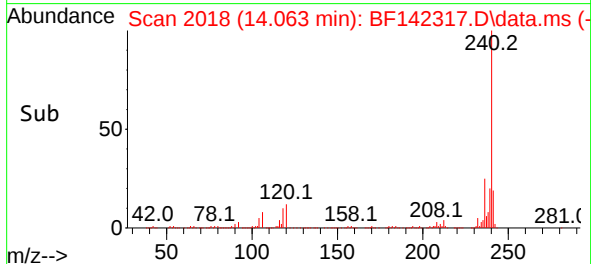
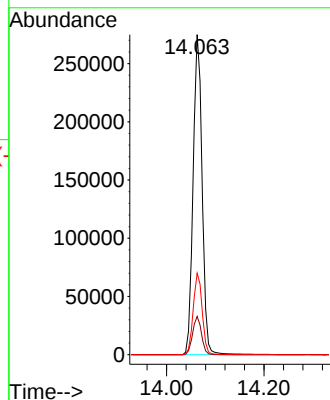
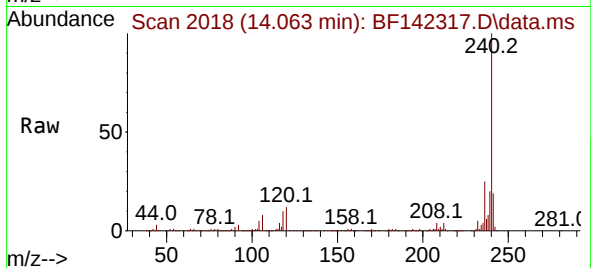
Tgt Ion:240 Resp: 354541

Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 25.4 20.0 30.0



#77

Benzdine

Concen: 3.848 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF142317.D

Acq: 12 May 2025 13:46

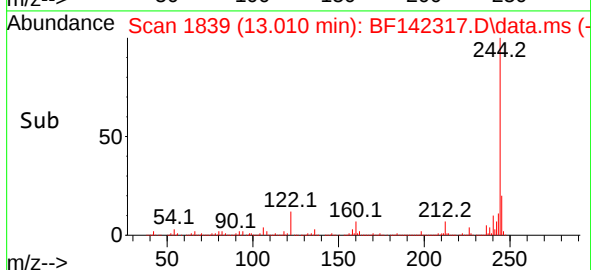
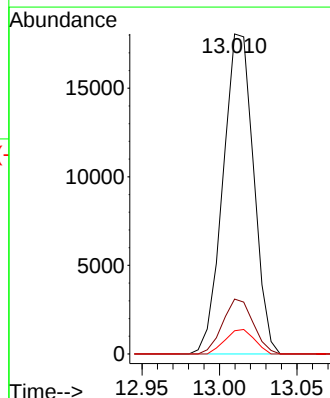
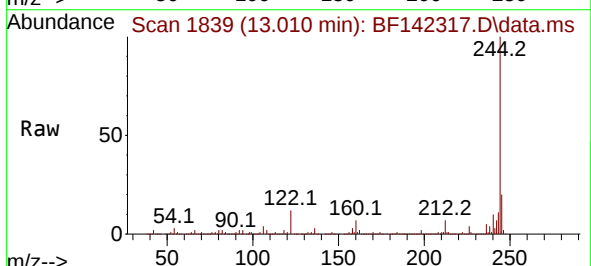
Tgt Ion:184 Resp: 24792

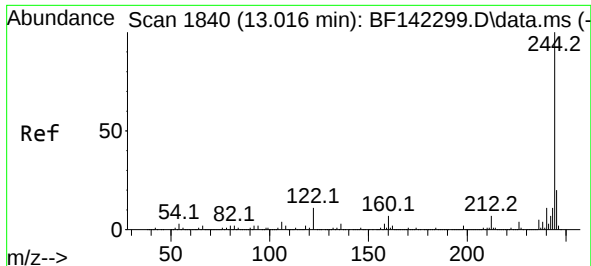
Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

183 7.2 8.6 12.8#

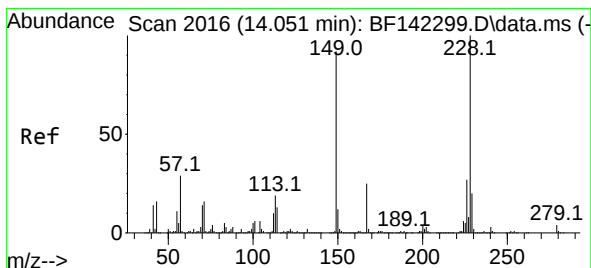
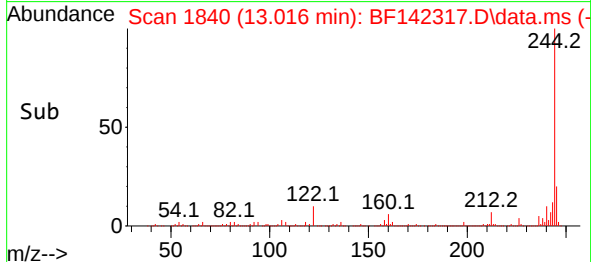
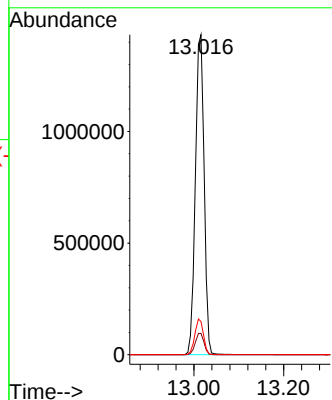
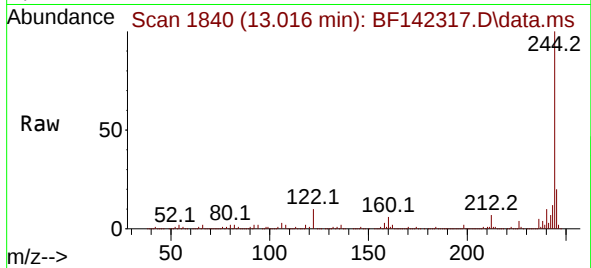




#79
 Terphenyl-d14
 Concen: 81.095 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142317.D
 Acq: 12 May 2025 13:46

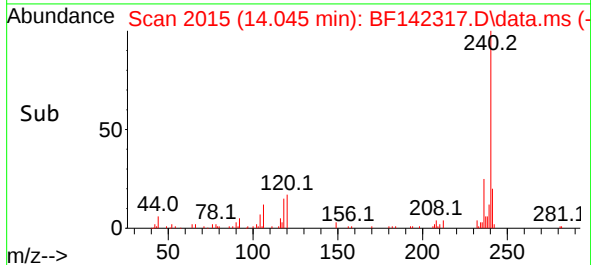
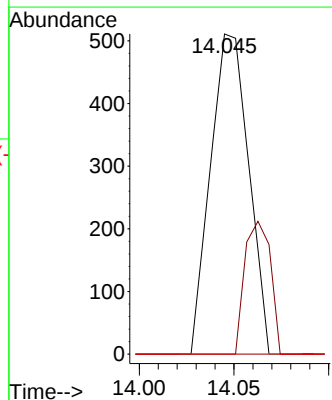
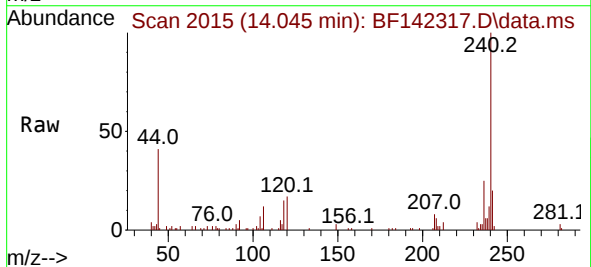
Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

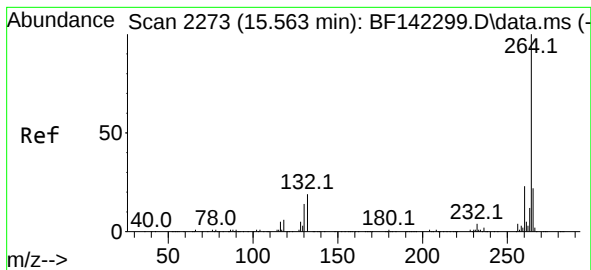
Tgt Ion:244 Resp: 1942535
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.3 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.291 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142317.D
 Acq: 12 May 2025 13:46

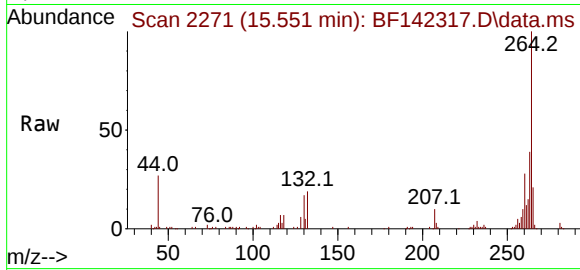
Tgt Ion:149 Resp: 717
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.0 33.0#
 279 0.0 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142317.D
 Acq: 12 May 2025 13:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-11



Tgt Ion:264 Resp: 69424
 Ion Ratio Lower Upper
 264 100
 260 28.4 18.6 27.8#
 265 20.9 17.5 26.3

