

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142455.D
 Acq On : 19 May 2025 17:00
 Operator : RC/JU
 Sample : Q2062-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 17:39:24 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)

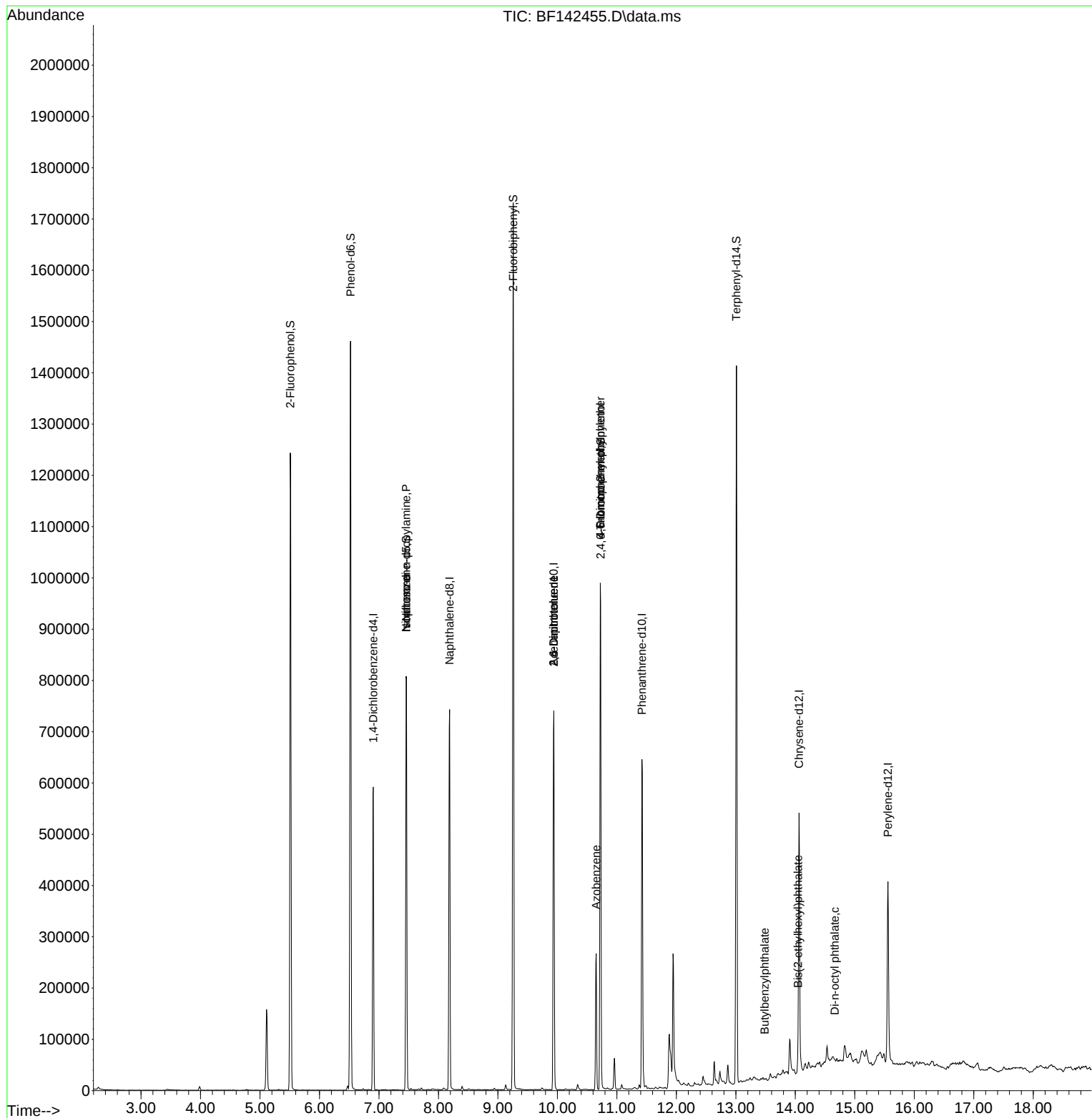
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	130511	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	474851	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	225814	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	344432	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	241690	20.000	ng	0.00
86) Perylene-d12	15.557	264	206963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	477721	62.486	ng	0.00
7) Phenol-d6	6.522	99	674877	71.772	ng	0.00
23) Nitrobenzene-d5	7.457	82	343061	44.061	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	177935	81.614	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	763523	48.212	ng	0.00
79) Terphenyl-d14	13.010	244	672792	41.202	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	45051	7.745	ng	# 76
25) Isophorone	7.457	82	336548	22.826	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	29027	10.695	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	29027	8.337	ng	# 25
63) Azobenzene	10.651	77	63959	4.622	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	322	7.356	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	11581	2.967	ng	# 1
80) Butylbenzylphthalate	13.486	149	901	3.792	ng	# 79
84) Bis(2-ethylhexyl)phtha...	14.045	149	8835	5.222	ng	# 97
85) Di-n-octyl phthalate	14.663	149	246	7.854	ng	# 65

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

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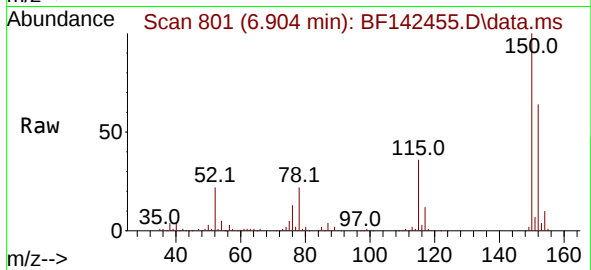
Quant Time: May 19 17:39:24 2025
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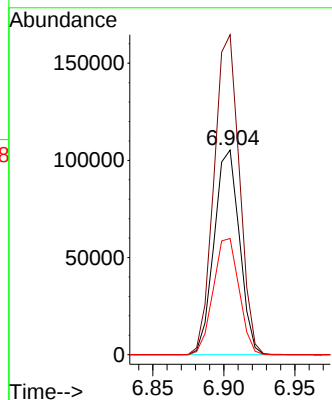
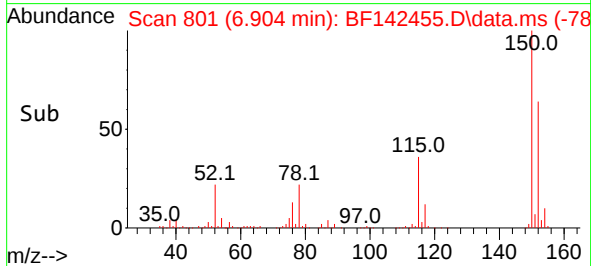


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142455.D
 Acq: 19 May 2025 17:00

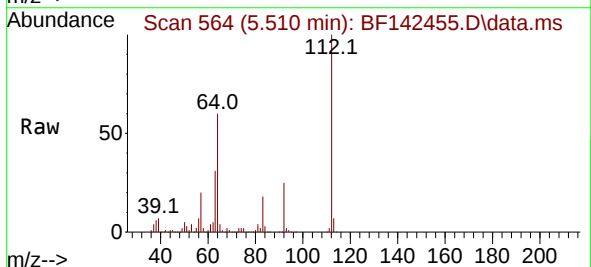
Instrument :
 BNA_F
 ClientSampleId :



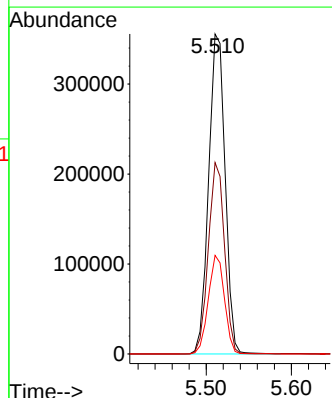
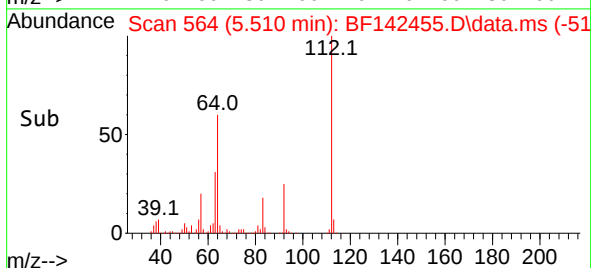
Tgt Ion:152 Resp: 130511
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.6 190.0
 115 56.8 47.3 70.9

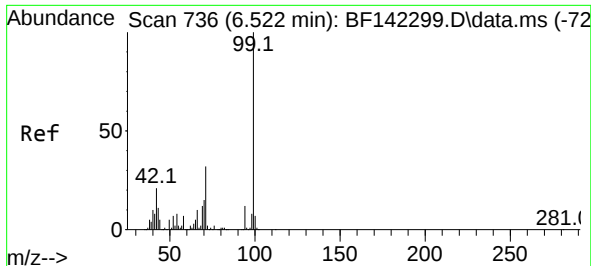


#5
 2-Fluorophenol
 Concen: 62.486 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF142455.D
 Acq: 19 May 2025 17:00



Tgt Ion:112 Resp: 477721
 Ion Ratio Lower Upper
 112 100
 64 59.8 48.9 73.3
 63 30.8 25.6 38.4

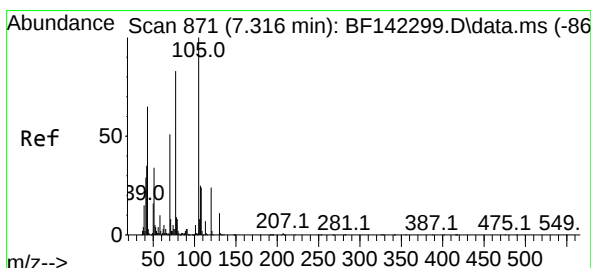
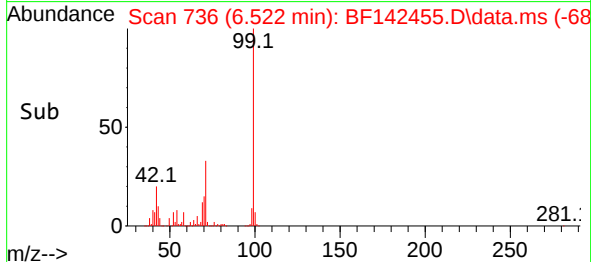
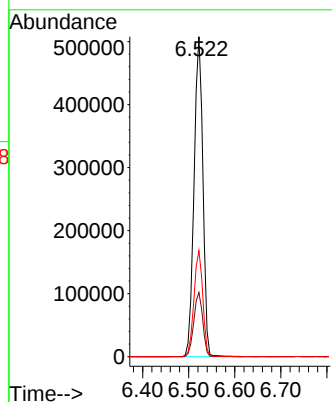
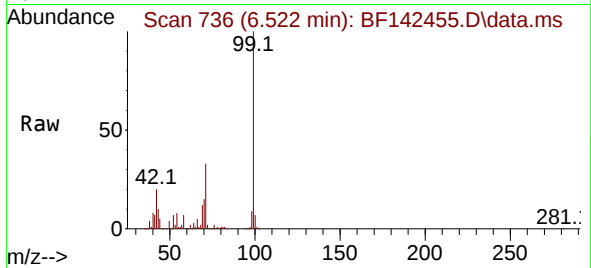




#7
Phenol-d6
Concen: 71.772 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

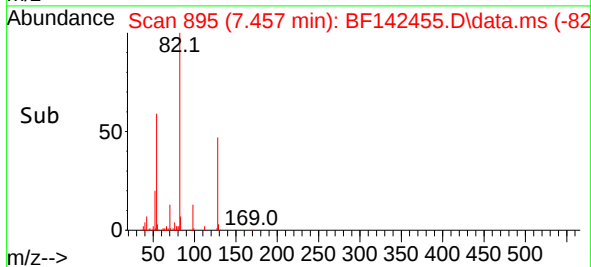
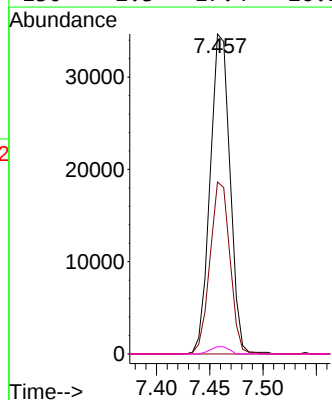
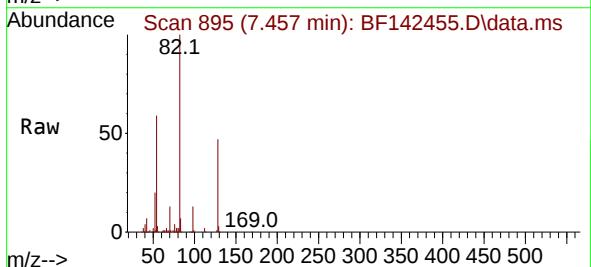
Instrument :
BNA_F
ClientSampleId :

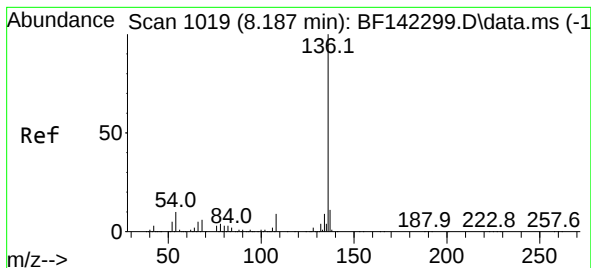
Tgt Ion: 99 Resp: 674877
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 33.1 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 7.745 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

Tgt Ion: 70 Resp: 45051
Ion Ratio Lower Upper
70 100
42 53.7 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: 8.187 min Scan# 1019

Delta R.T. 0.000 min

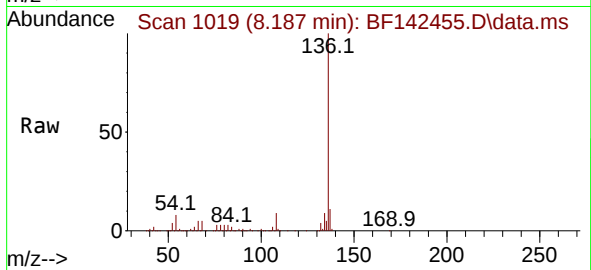
Lab File: BF142455.D

Acq: 19 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 474851

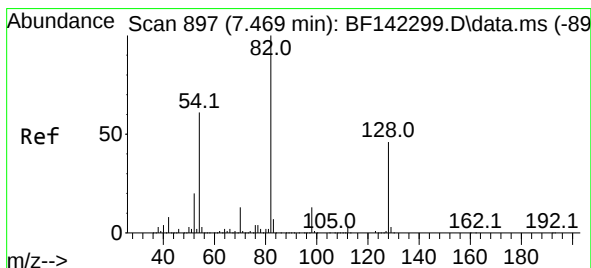
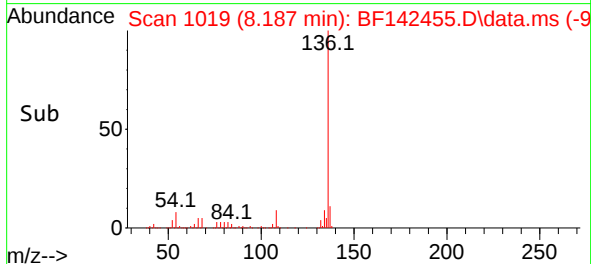
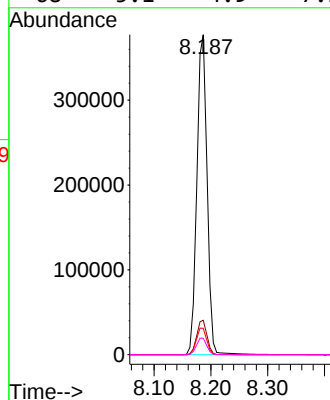
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.2 7.7 11.5

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 44.061 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

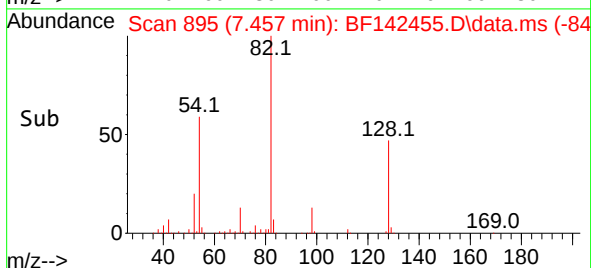
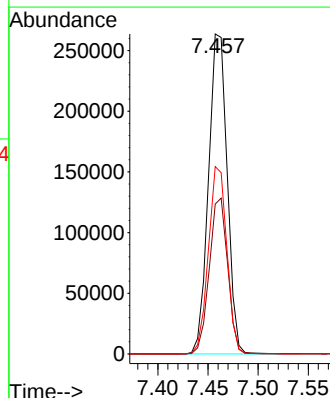
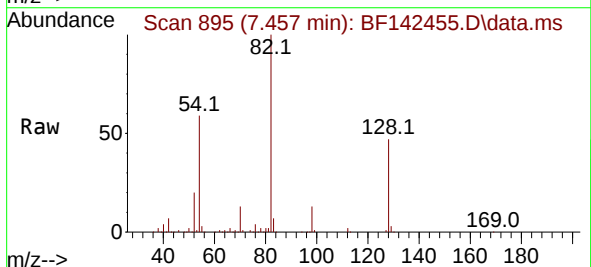
Tgt Ion: 82 Resp: 343061

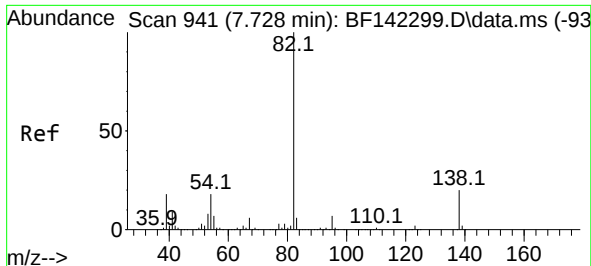
Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.6

54 58.6 48.6 73.0

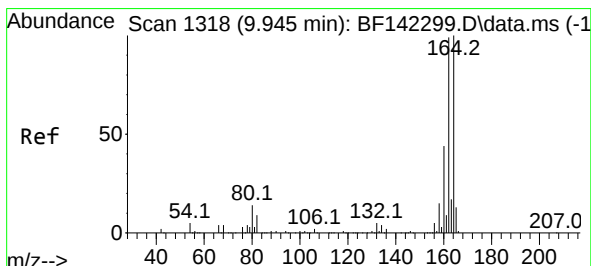
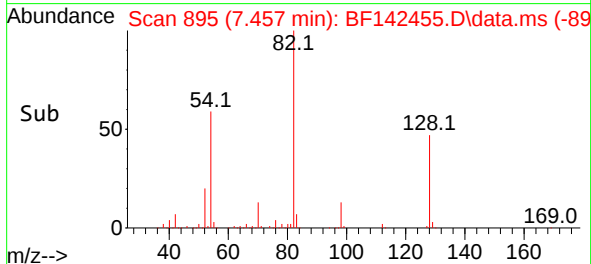
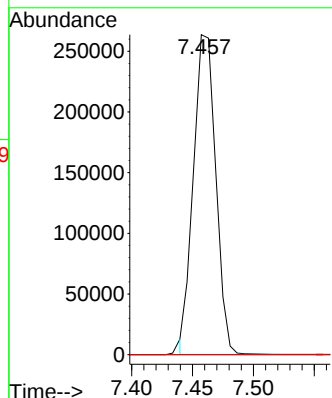
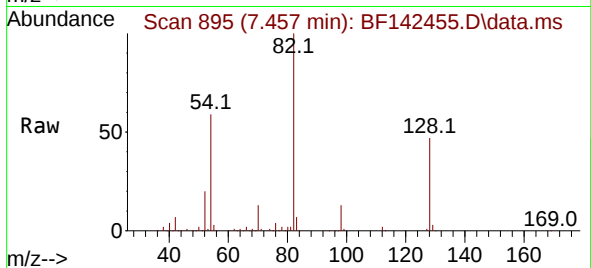




#25
Isophorone
Concen: 22.826 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

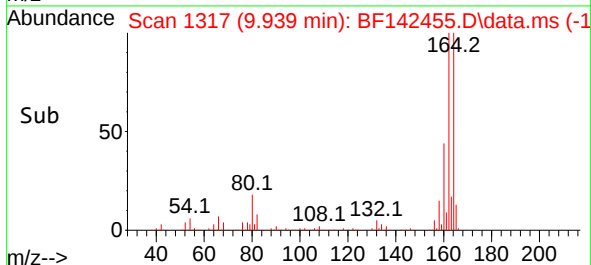
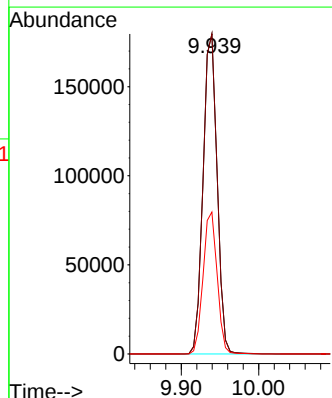
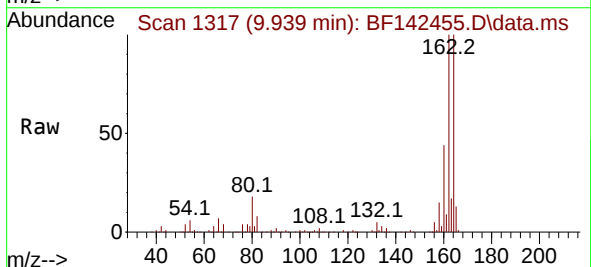
Instrument :
BNA_F
ClientSampleId :

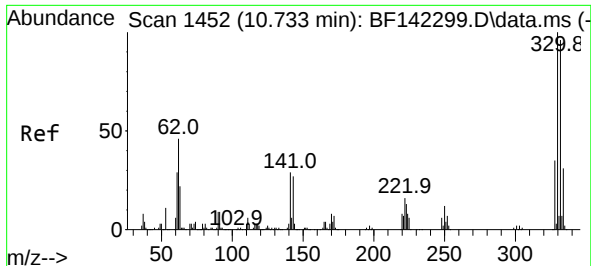
Tgt Ion: 82 Resp: 336548
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

Tgt Ion:164 Resp: 225814
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 81.614 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

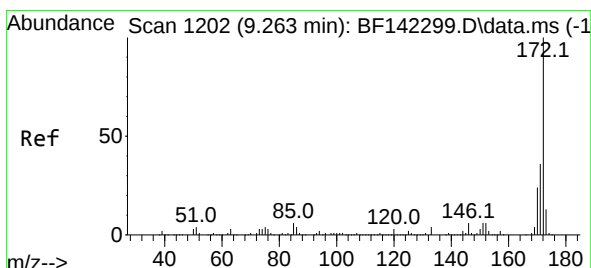
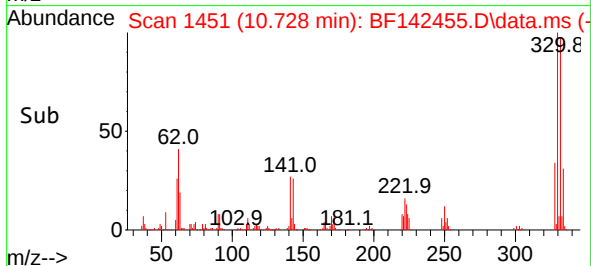
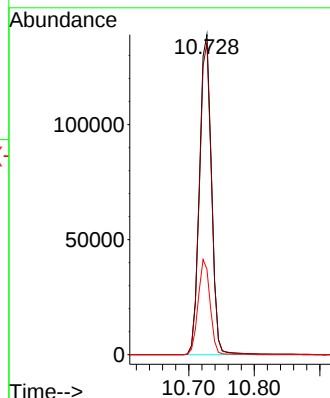
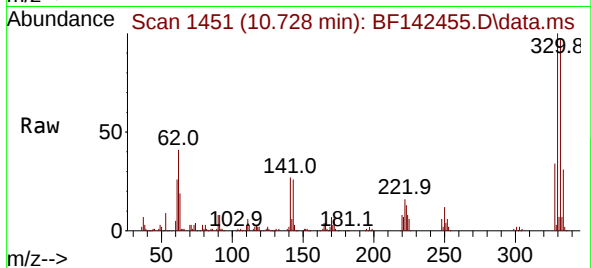
Tgt Ion:330 Resp: 177935

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 29.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 48.212 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

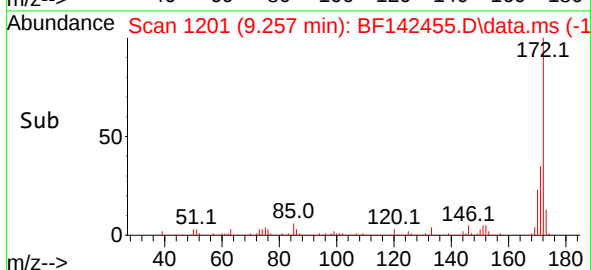
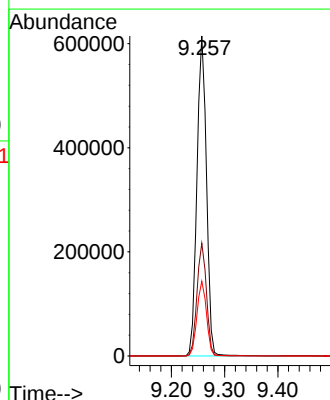
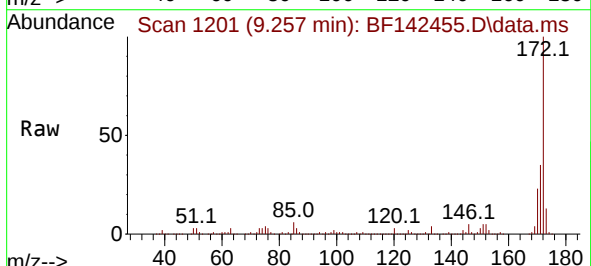
Tgt Ion:172 Resp: 763523

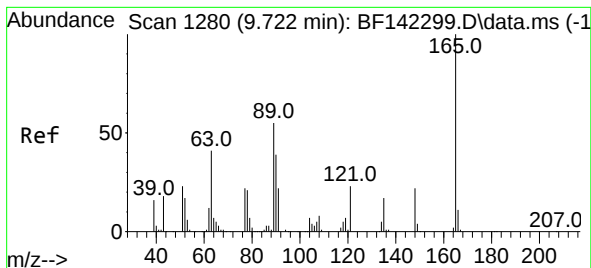
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.4 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 10.695 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.218 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

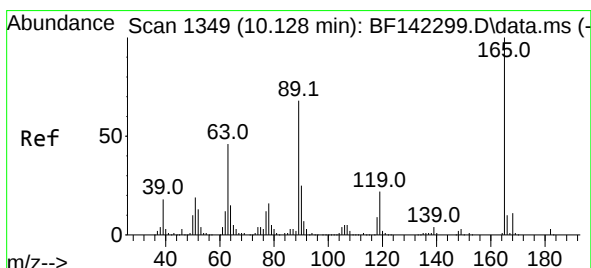
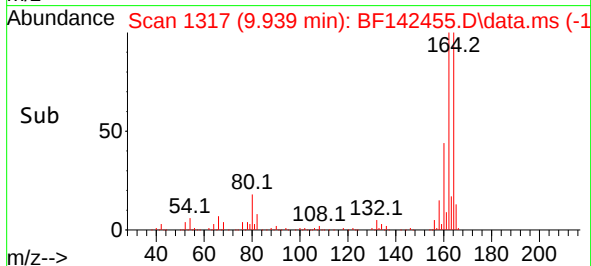
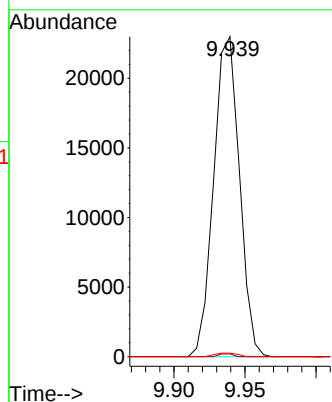
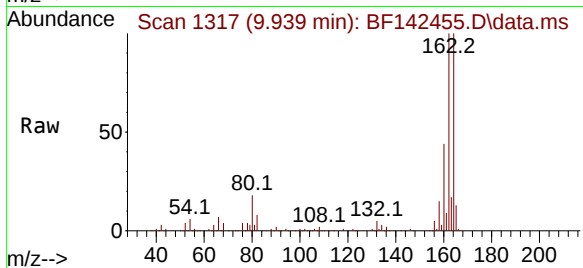
Tgt Ion:165 Resp: 29027

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: 8.337 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

Tgt Ion:165 Resp: 29027

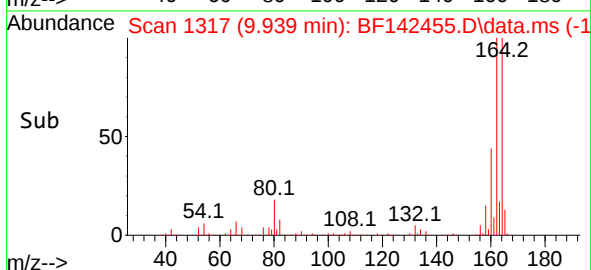
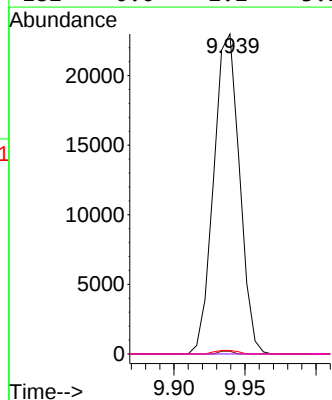
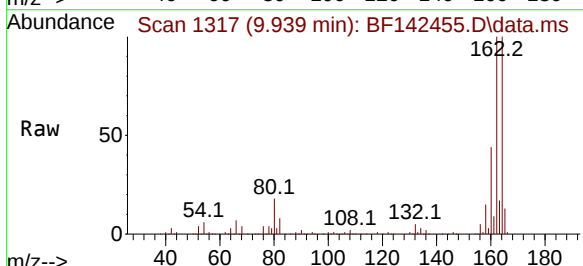
Ion Ratio Lower Upper

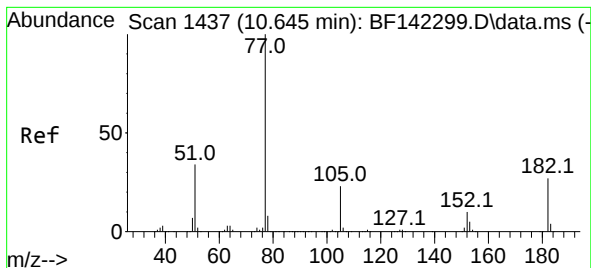
165 100

63 0.9 37.1 55.7#

89 1.1 54.4 81.6#

182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.622 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.006 min

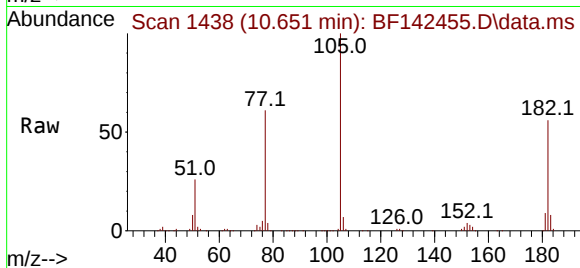
Lab File: BF142455.D

Acq: 19 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 63959

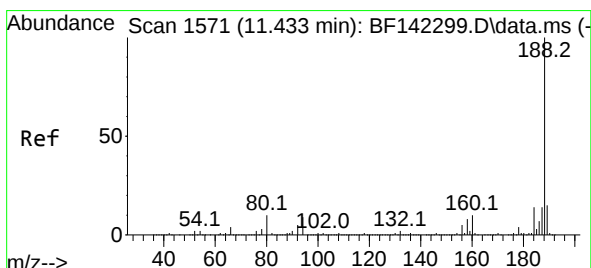
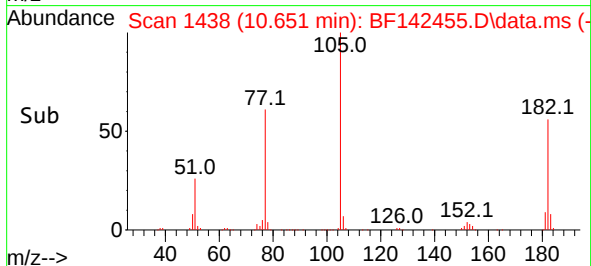
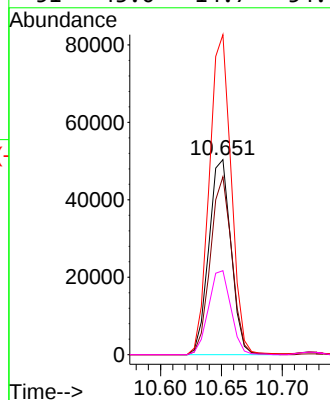
Ion Ratio Lower Upper

77 100

182 91.2 6.9 46.9#

105 164.0 2.7 42.7#

51 43.0 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

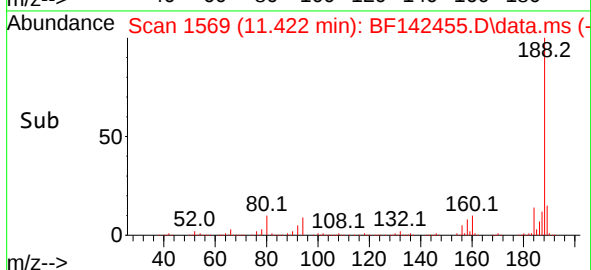
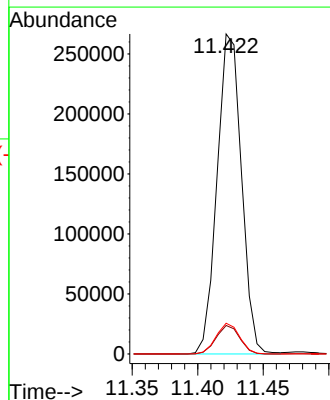
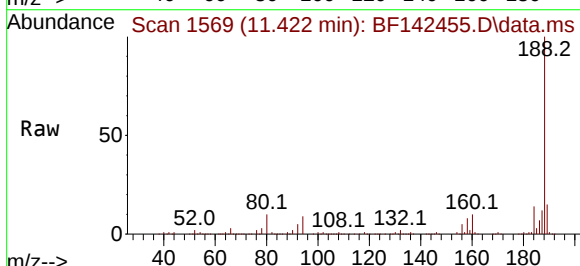
Tgt Ion: 188 Resp: 344432

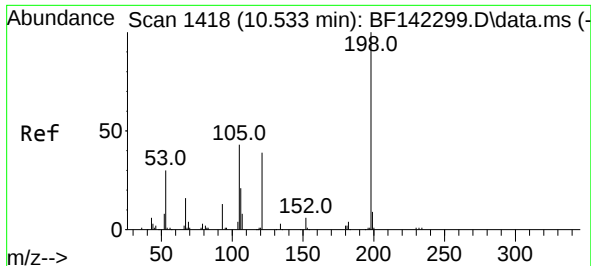
Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

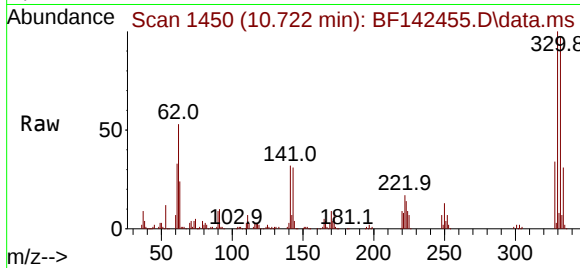
80 9.6 7.9 11.9



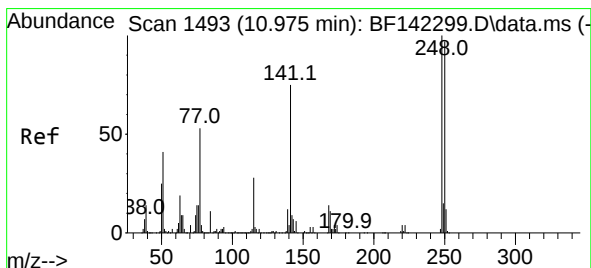
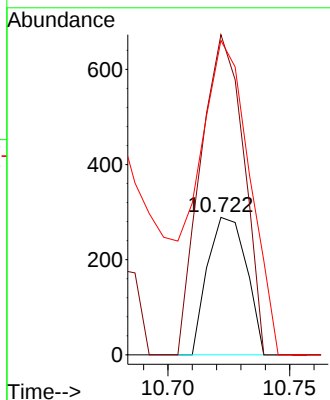
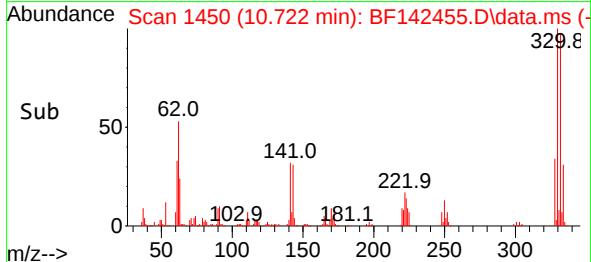


#65
4,6-Dinitro-2-methylphenol
Concen: 7.356 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

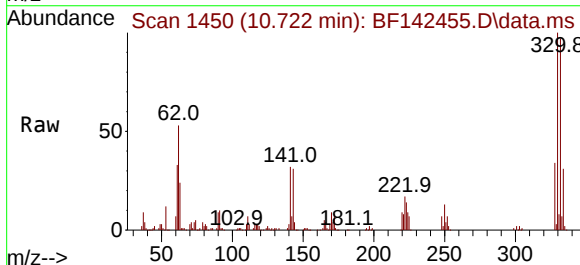
Instrument :
BNA_F
ClientSampleId :



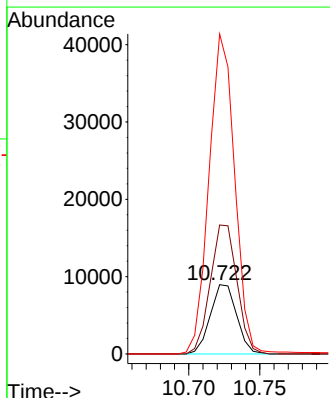
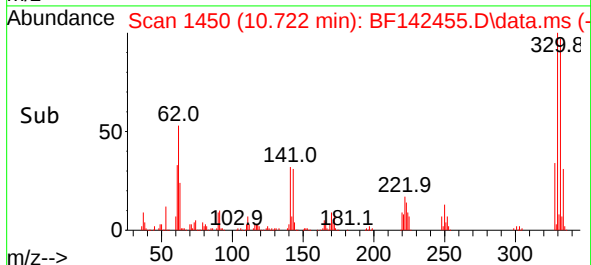
Tgt Ion:198 Resp: 322
Ion Ratio Lower Upper
198 100
51 232.9 32.9 72.9#
105 228.7 23.7 63.7#

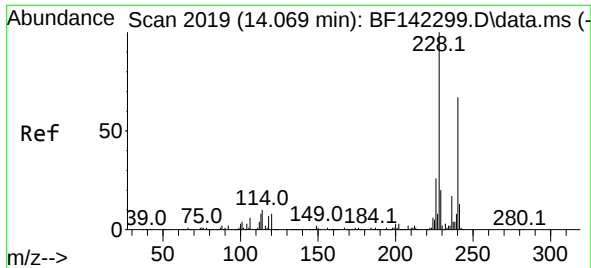


#67
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00



Tgt Ion:248 Resp: 11581
Ion Ratio Lower Upper
248 100
250 186.1 77.9 116.9#
141 462.1 59.8 89.8#

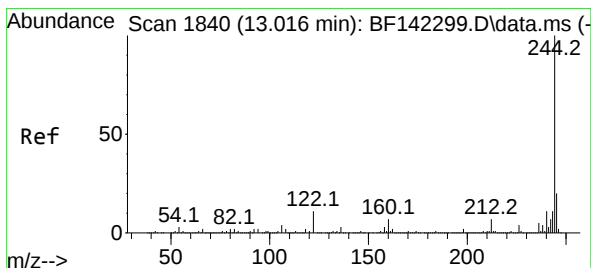
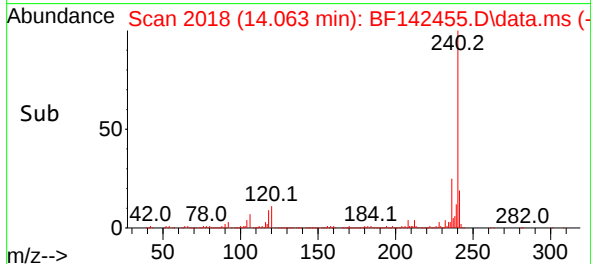
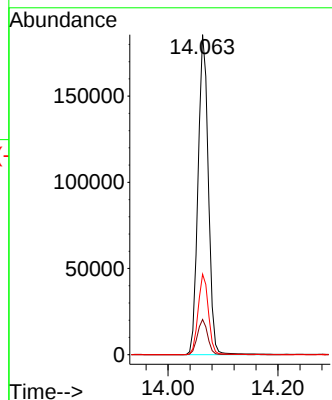
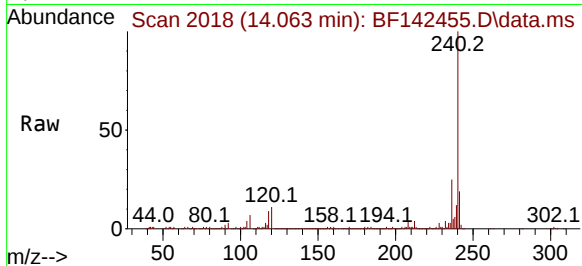




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

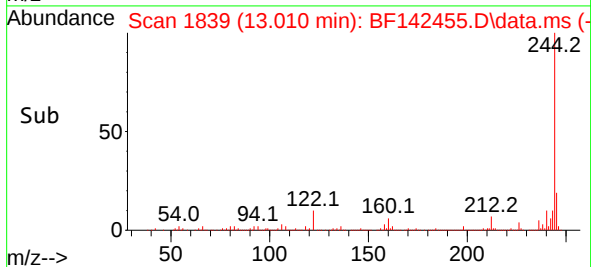
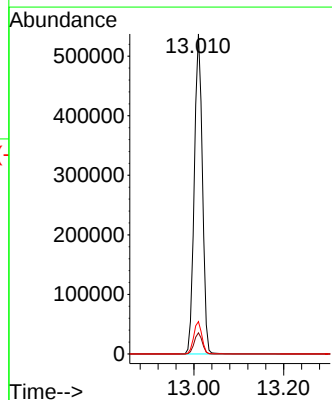
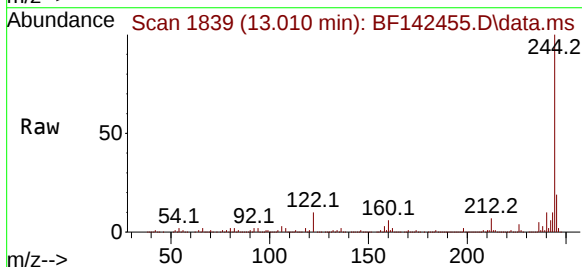
Instrument :
BNA_F
ClientSampleId :

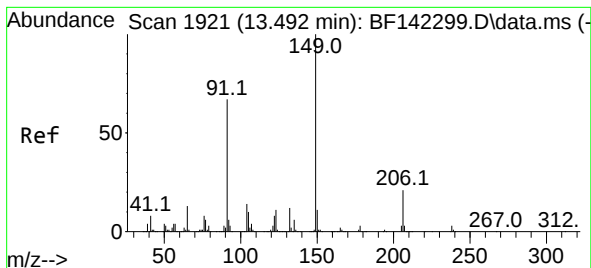
Tgt Ion:240 Resp: 241690
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.2 20.0 30.0



#79
Terphenyl-d14
Concen: 41.202 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

Tgt Ion:244 Resp: 672792
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.1 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.792 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142455.D

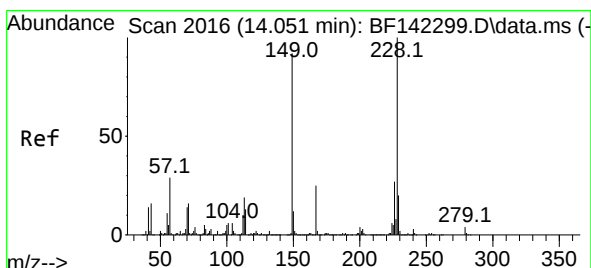
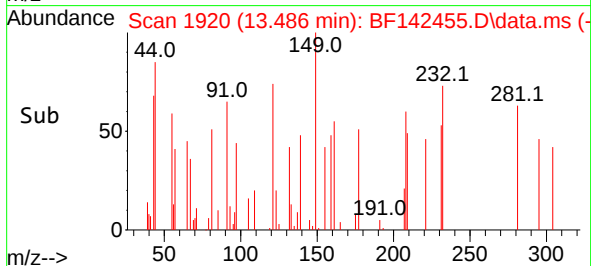
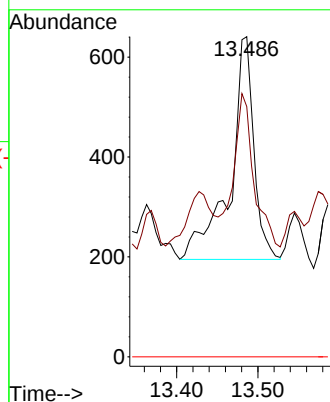
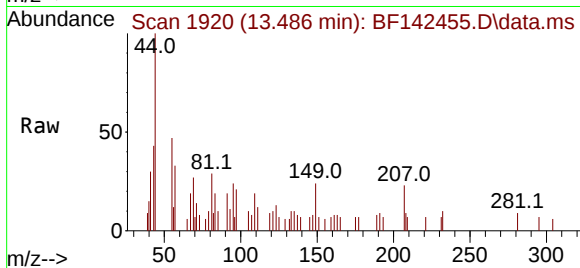
Acq: 19 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	901
Ion Ratio	Lower	Upper	
149	100		
91	78.2	53.8	80.6
206	0.0	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.222 ng

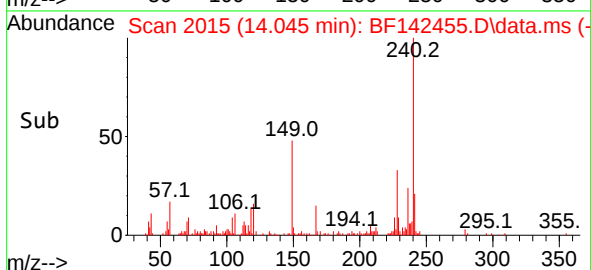
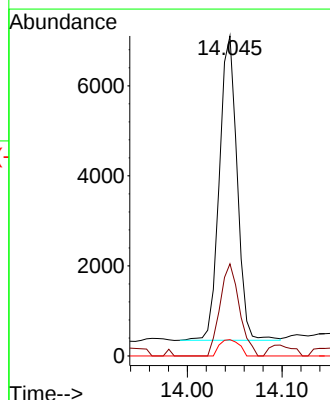
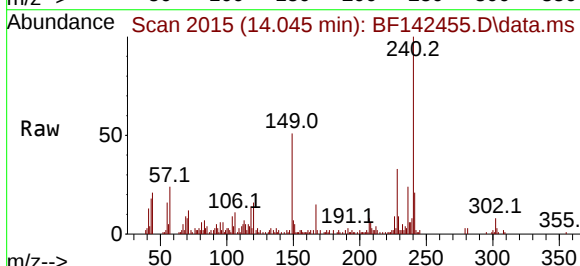
RT: 14.045 min Scan# 2015

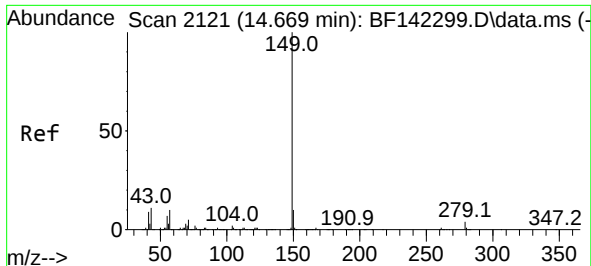
Delta R.T. -0.006 min

Lab File: BF142455.D

Acq: 19 May 2025 17:00

Tgt Ion:	149	Resp:	8835
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.0	33.0
279	5.1	3.0	4.6

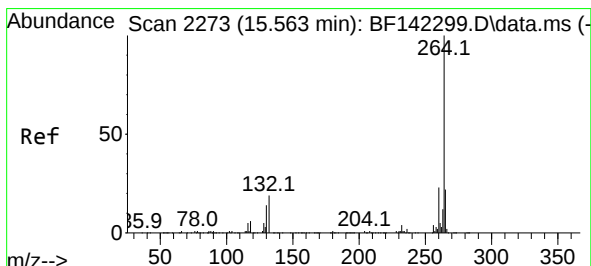
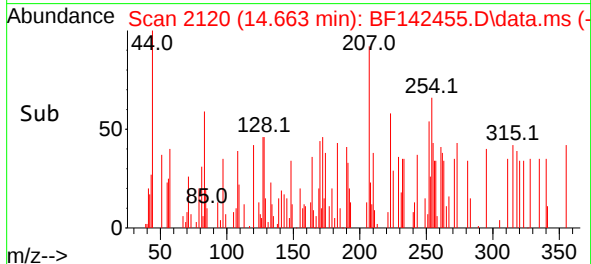
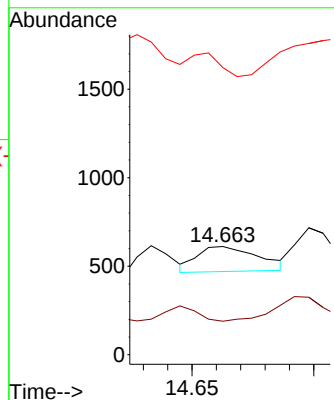
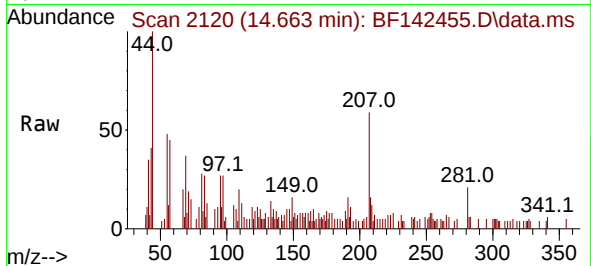




#85
Di-n-octyl phthalate
Concen: 7.854 ng
RT: 14.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 246
Ion Ratio Lower Upper
149 100
167 32.1 1.1 1.7#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142455.D
Acq: 19 May 2025 17:00

Tgt Ion:264 Resp: 206963
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.6 17.5 26.3

