

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142444.D
 Acq On : 19 May 2025 11:36
 Operator : RC/JU
 Sample : PB167987BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 11:58:23 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)

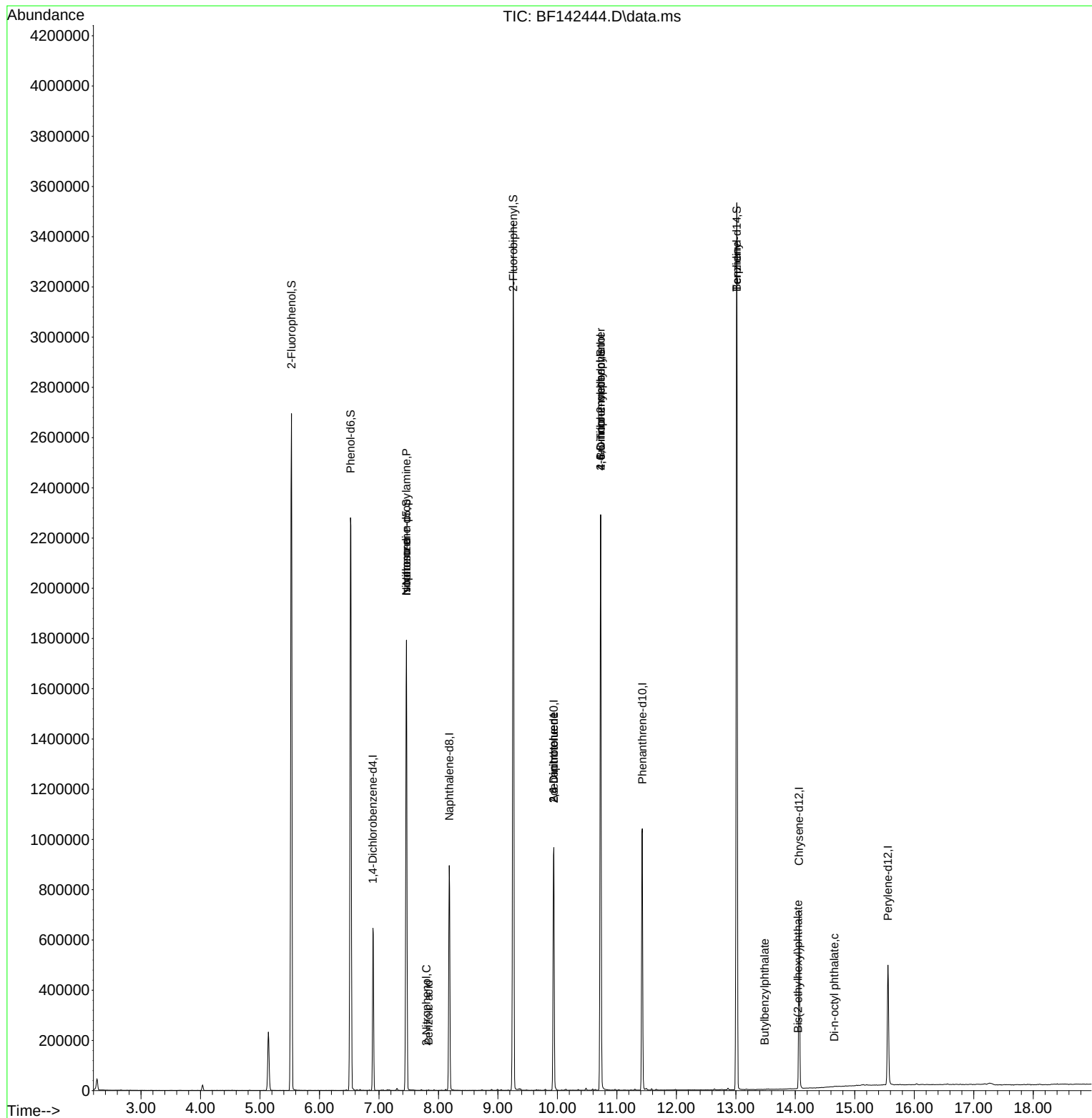
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	144027	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	587978	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	302454	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	558171	20.000	ng	0.00
76) Chrysene-d12	14.063	240	360634	20.000	ng	0.00
86) Perylene-d12	15.557	264	291777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1105033	130.974	ng	0.02
7) Phenol-d6	6.522	99	1223807	117.935	ng	0.00
23) Nitrobenzene-d5	7.463	82	819894	85.042	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	438373	150.121	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1617605	76.260	ng	0.00
79) Terphenyl-d14	13.016	244	1809693	74.273	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	110580	17.228	ng	# 74
25) Isophorone	7.463	82	811950	44.474	ng	# 62
26) 2-Nitrophenol	7.798	139	507	4.193	ng	# 76
32) Benzoic acid	7.834	122	808	6.183	ng	# 12
51) 2,6-Dinitrotoluene	9.939	165	38658	10.634	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	38658	8.290	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	755	7.432	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	26186	4.139	ng	# 1
77) Benzidine	13.016	184	22351	3.410	ng	98
80) Butylbenzylphthalate	13.486	149	378	3.696	ng	# 74
84) Bis(2-ethylhexyl)phtha...	14.045	149	579	4.280	ng	# 52
85) Di-n-octyl phthalate	14.657	149	1281	7.889	ng	# 60

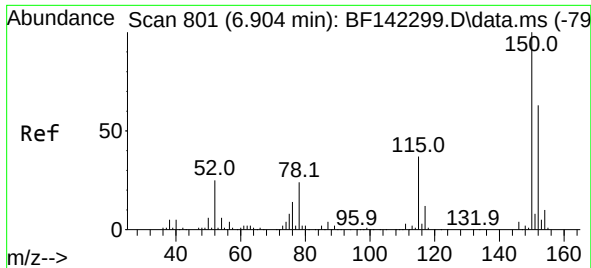
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142444.D
Acq On : 19 May 2025 11:36
Operator : RC/JU
Sample : PB167987BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 19 11:58:23 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

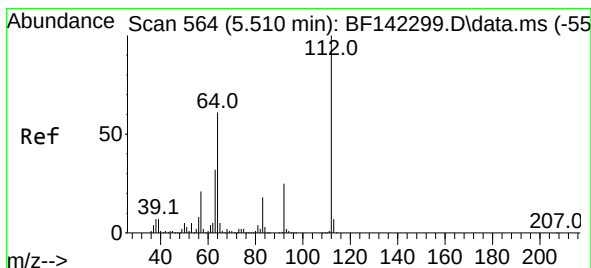
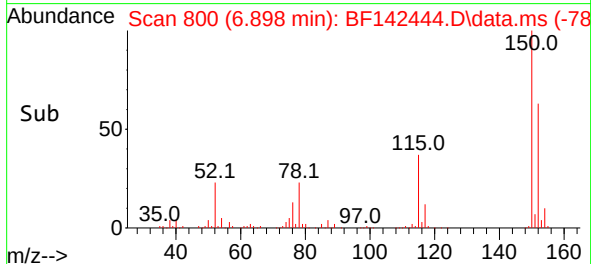
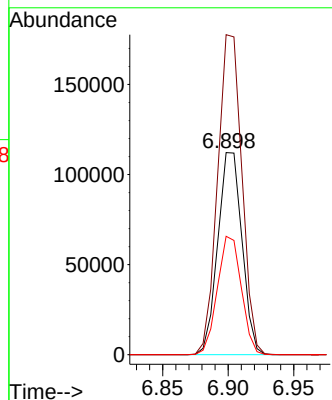
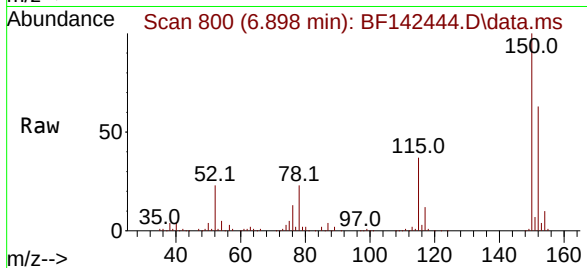




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142444.D
 Acq: 19 May 2025 11:36

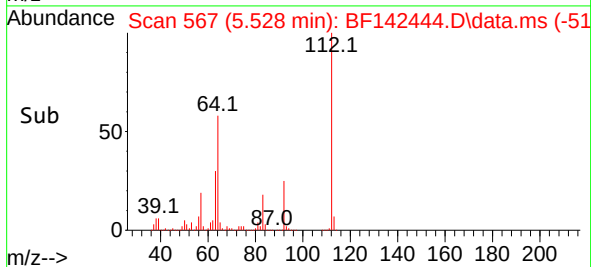
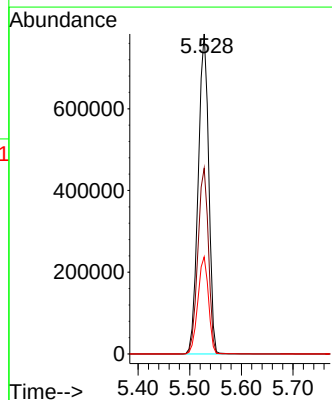
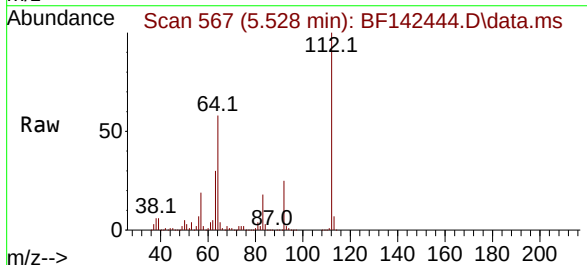
Instrument :
 BNA_F
 ClientSampleId :

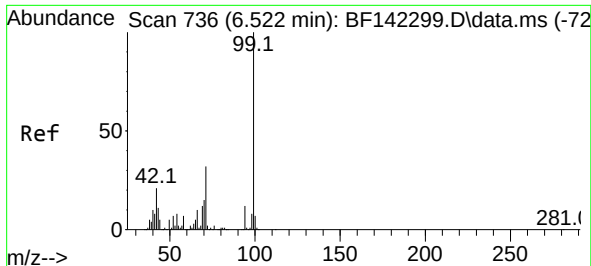
Tgt Ion:152 Resp: 144027
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.6 190.0
 115 58.6 47.3 70.9



#5
 2-Fluorophenol
 Concen: 130.974 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142444.D
 Acq: 19 May 2025 11:36

Tgt Ion:112 Resp: 1105033
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.9 73.3
 63 30.4 25.6 38.4



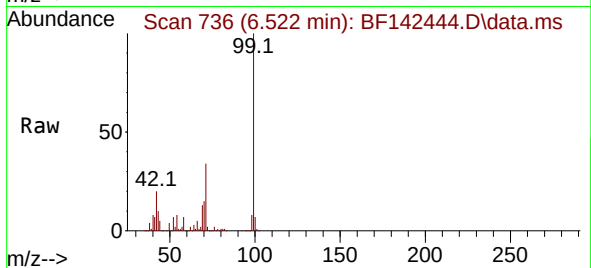


#7
Phenol-d6
Concen: 117.935 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :

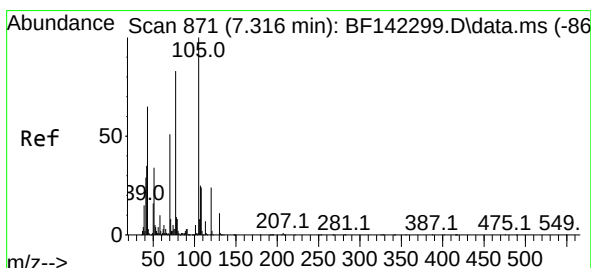
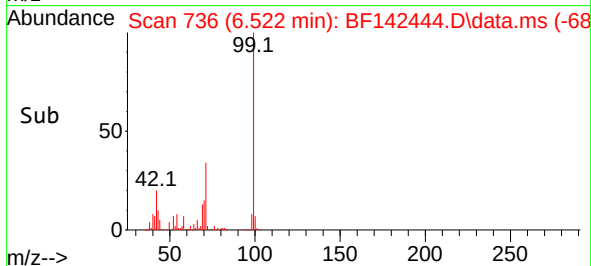
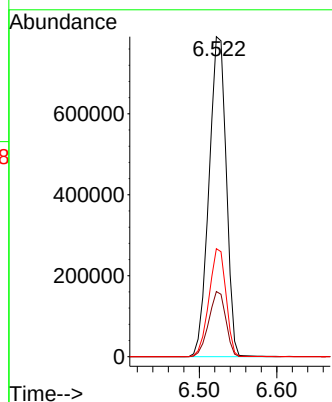
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1223807

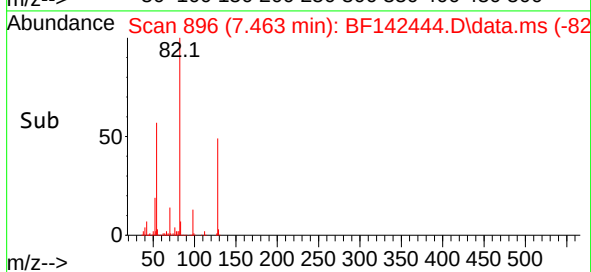
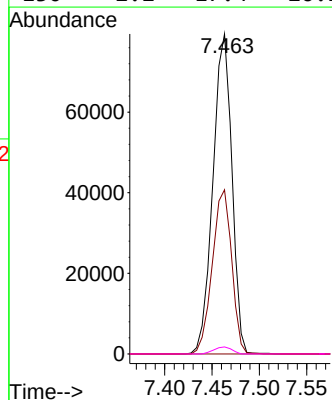
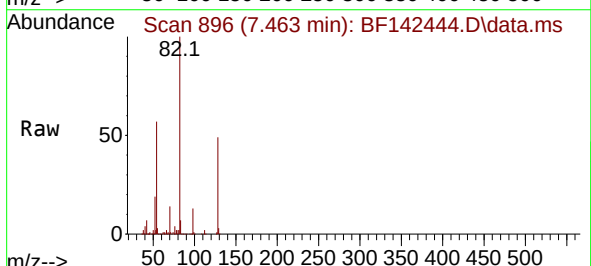
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	33.8	25.8	38.8

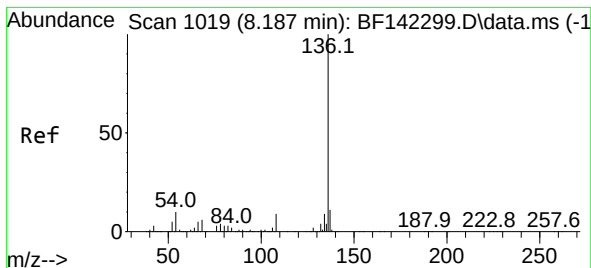


#19
n-Nitroso-di-n-propylamine
Concen: 17.228 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion: 70 Resp: 110580

Ion	Ratio	Lower	Upper
70	100		
42	51.3	54.8	82.2#
101	0.0	7.7	11.5#
130	2.2	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: BF142444.D

Acq: 19 May 2025 11:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 587978

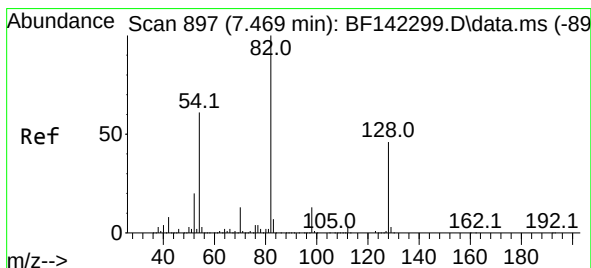
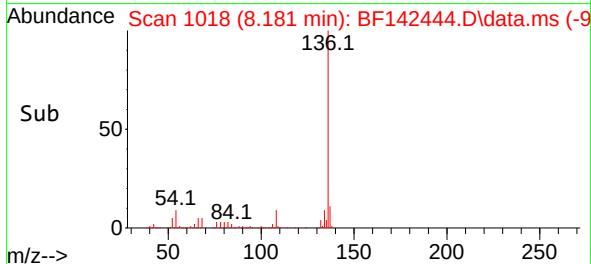
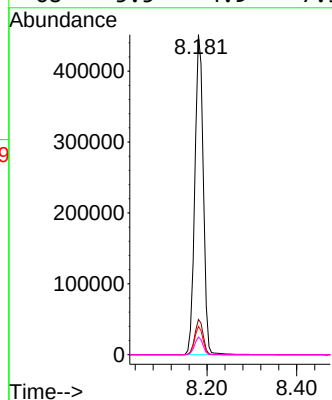
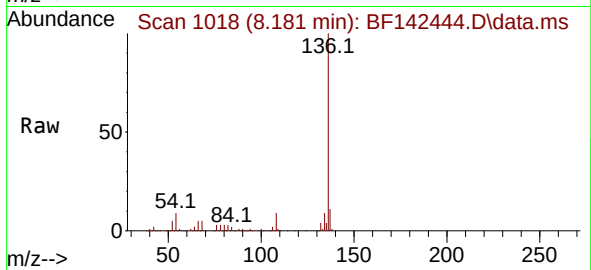
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 7.7 11.5

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 85.042 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142444.D

Acq: 19 May 2025 11:36

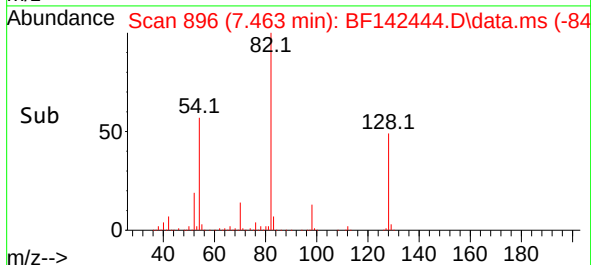
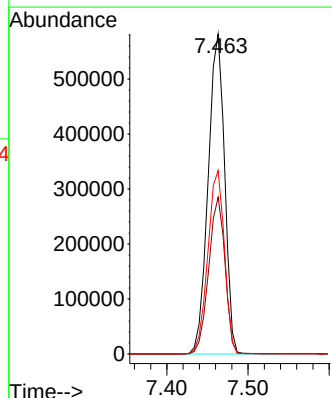
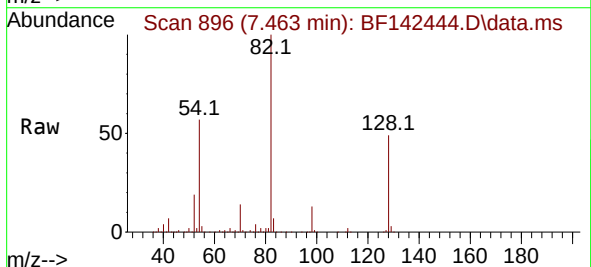
Tgt Ion: 82 Resp: 819894

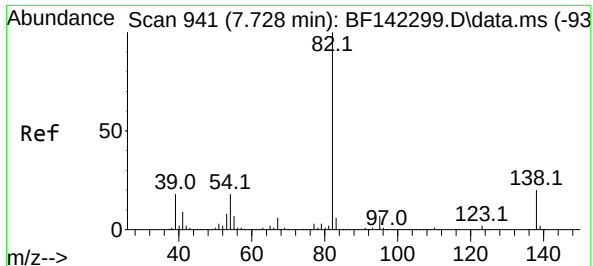
Ion Ratio Lower Upper

82 100

128 49.0 37.0 55.6

54 57.3 48.6 73.0

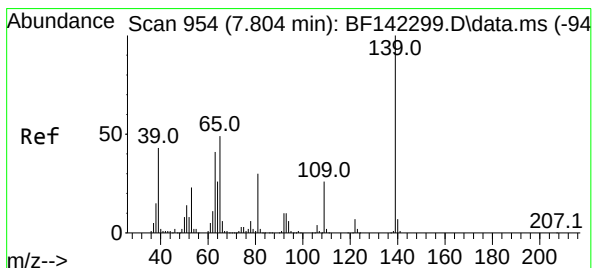
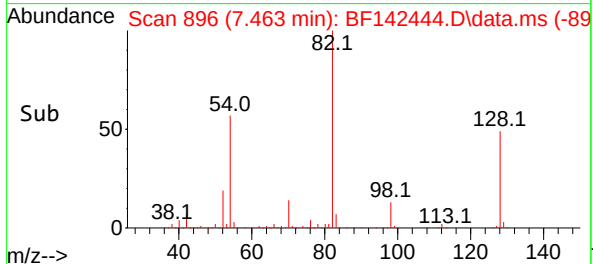
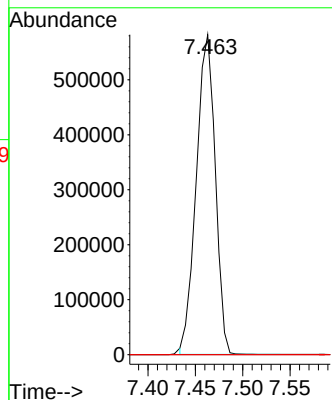
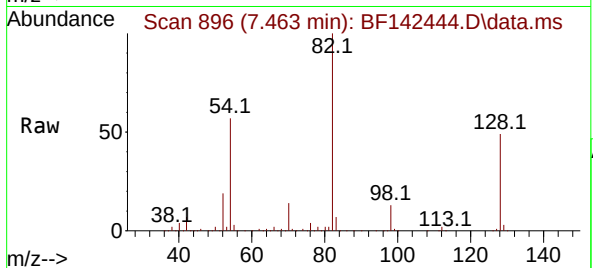




#25
Isophorone
Concen: 44.474 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

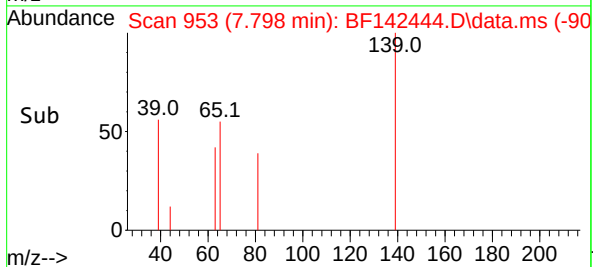
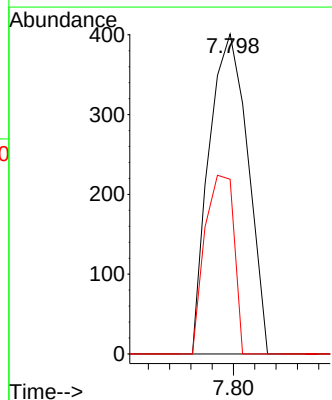
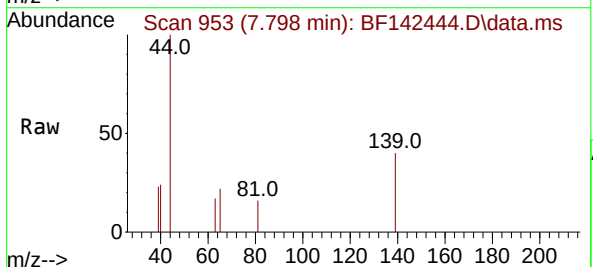
Instrument :
BNA_F
ClientSampleId :

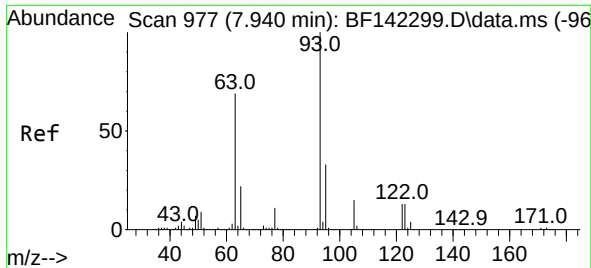
Tgt Ion: 82 Resp: 811950
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.193 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:139 Resp: 507
Ion Ratio Lower Upper
139 100
109 0.0 20.8 31.2#
65 54.6 38.9 58.3

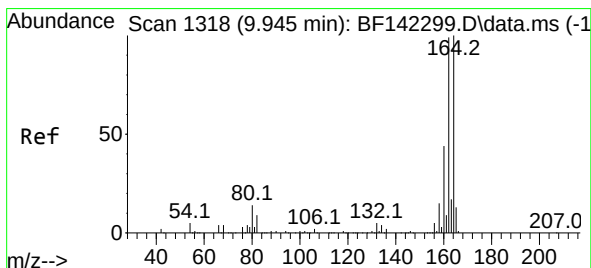
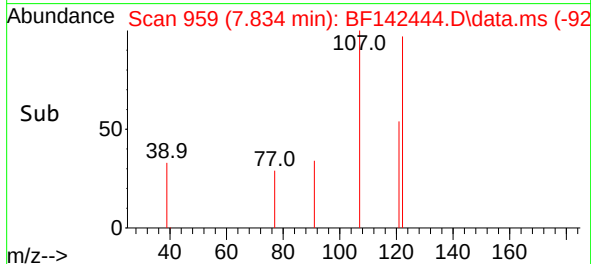
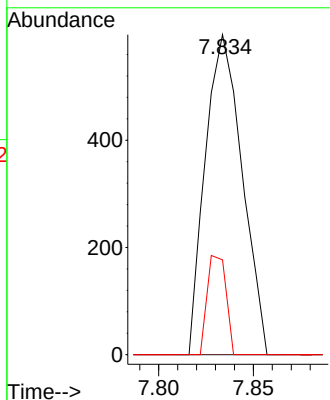
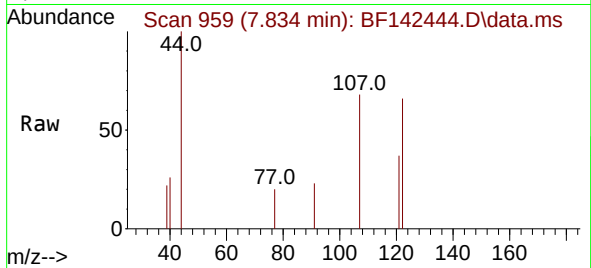




#32
Benzoic acid
Concen: 6.183 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

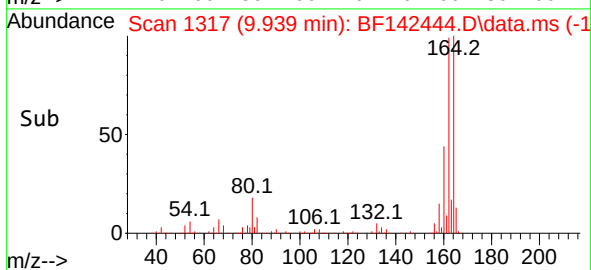
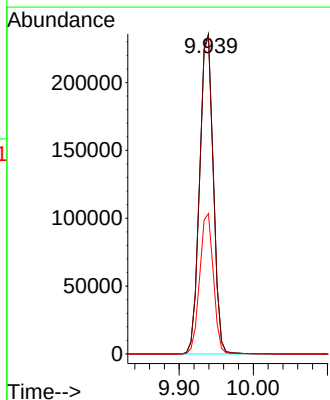
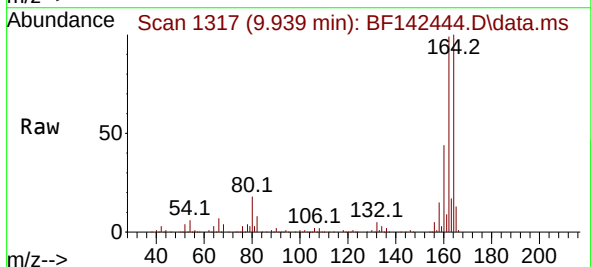
Instrument :
BNA_F
ClientSampleId :

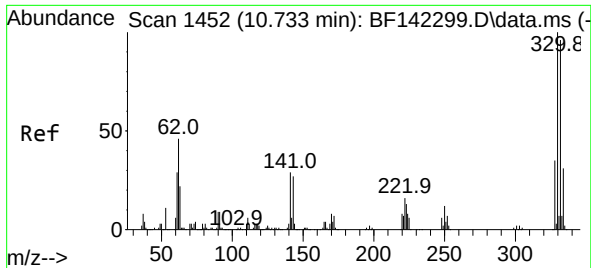
Tgt Ion:122 Resp: 808
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 29.6 67.7 107.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

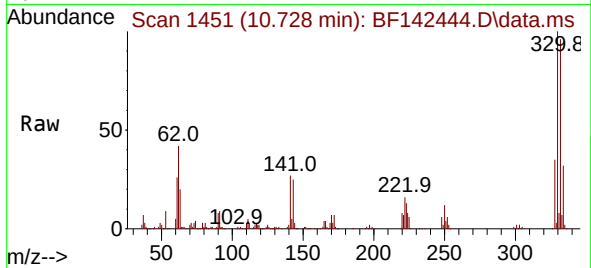
Tgt Ion:164 Resp: 302454
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 43.9 35.3 52.9



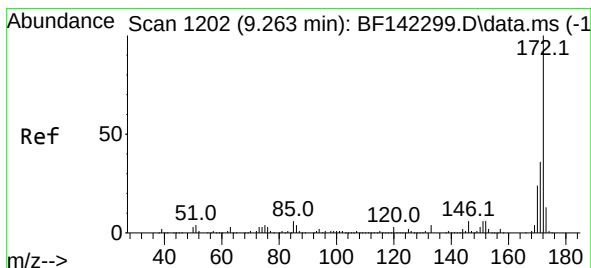
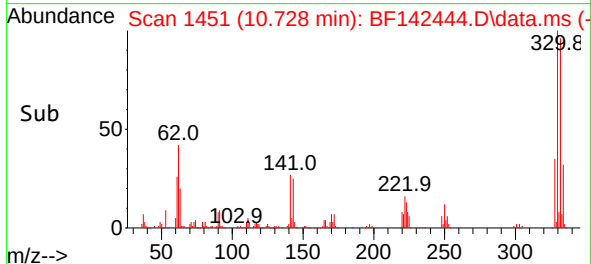
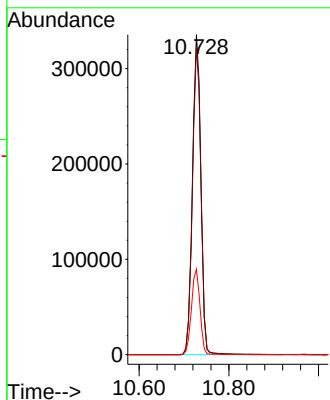


#42
 2,4,6-Tribromophenol
 Concen: 150.121 ng
 RT: 10.728 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142444.D
 Acq: 19 May 2025 11:36

Instrument :
 BNA_F
 ClientSampleId :

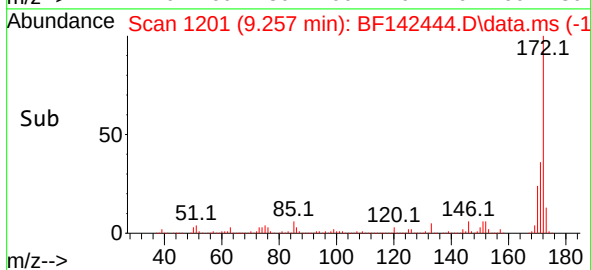
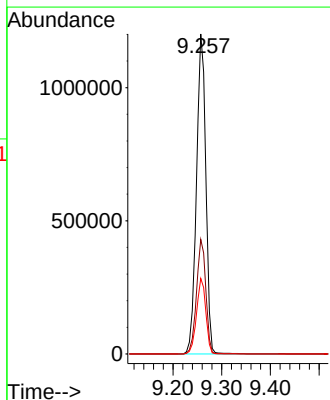
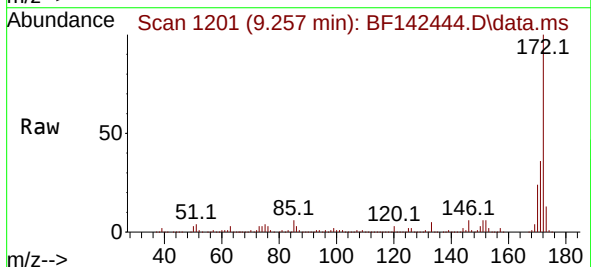


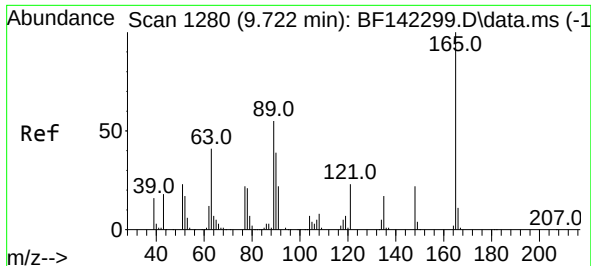
Tgt Ion: 330 Resp: 438373
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 27.1 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 76.260 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF142444.D
 Acq: 19 May 2025 11:36

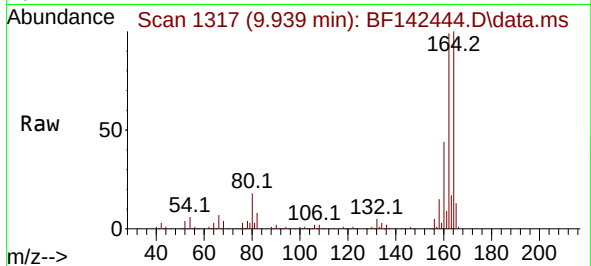
Tgt Ion: 172 Resp: 1617605
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.6 19.0 28.4



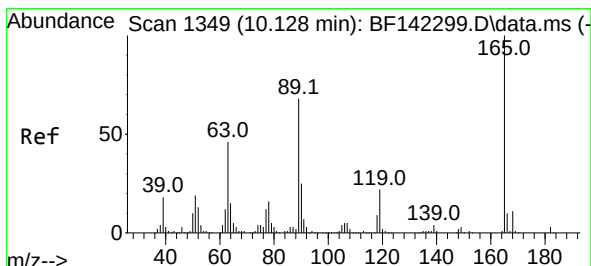
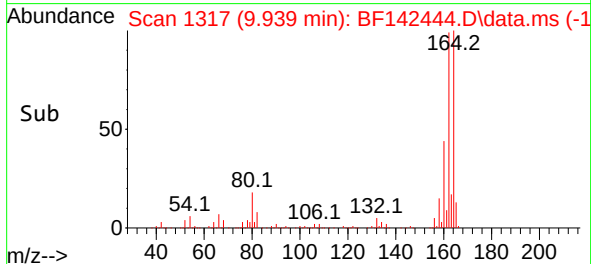
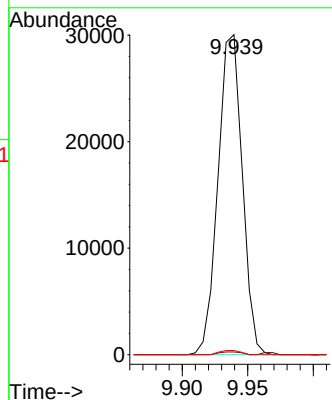


#51
2,6-Dinitrotoluene
Concen: 10.634 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :

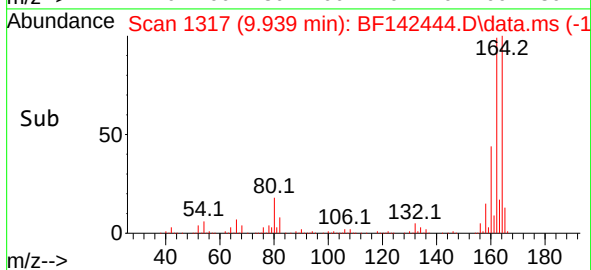
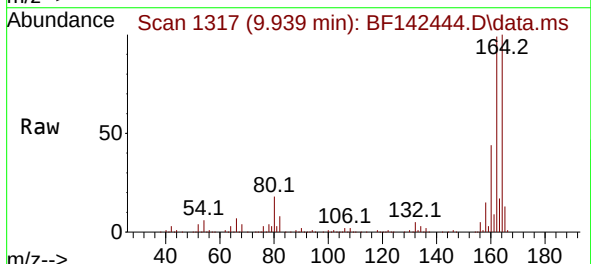
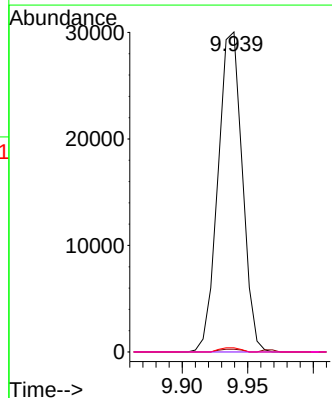


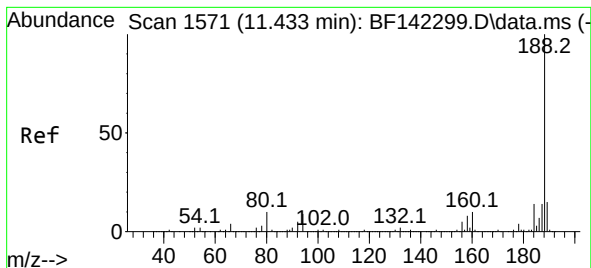
Tgt Ion:165 Resp: 38658
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.3 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.290 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:165 Resp: 38658
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142444.D

Acq: 19 May 2025 11:36

Instrument :

BNA_F

ClientSampleId :

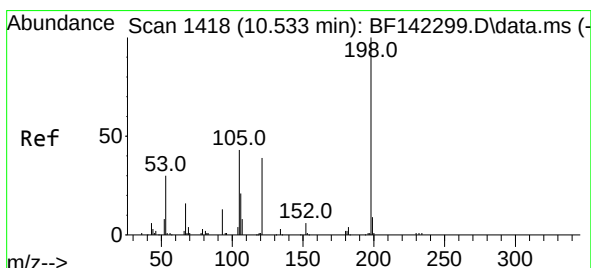
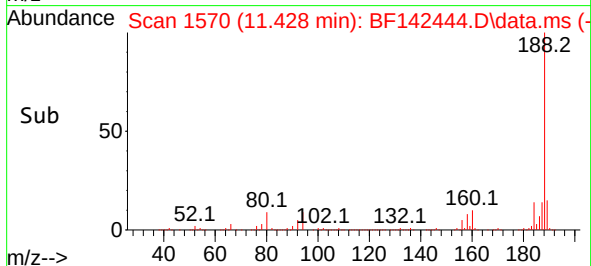
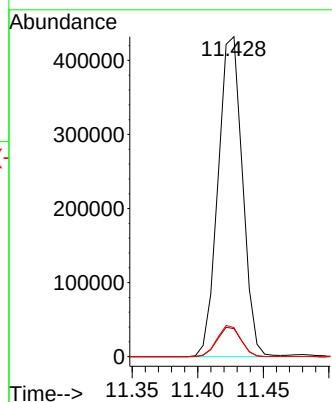
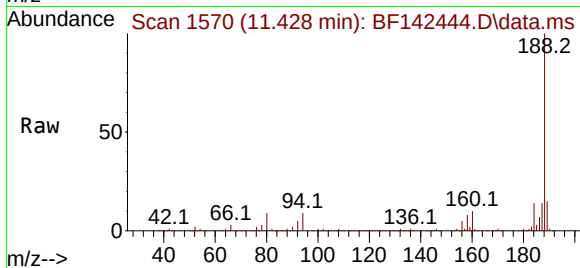
Tgt Ion:188 Resp: 558171

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.1 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 7.432 ng

RT: 10.728 min Scan# 1451

Delta R.T. 0.195 min

Lab File: BF142444.D

Acq: 19 May 2025 11:36

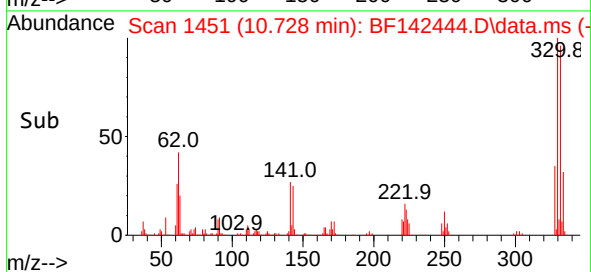
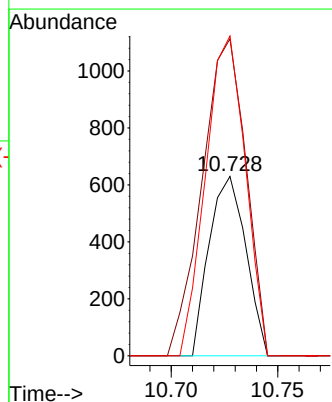
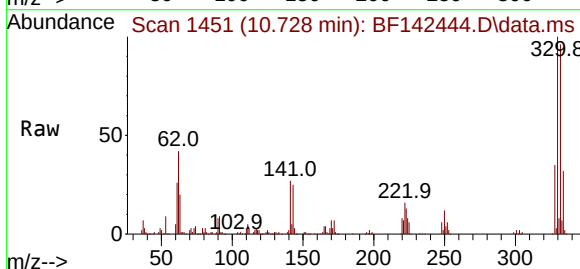
Tgt Ion:198 Resp: 755

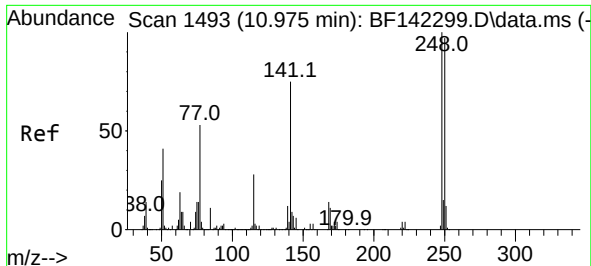
Ion Ratio Lower Upper

198 100

51 176.7 32.9 72.9#

105 178.3 23.7 63.7#

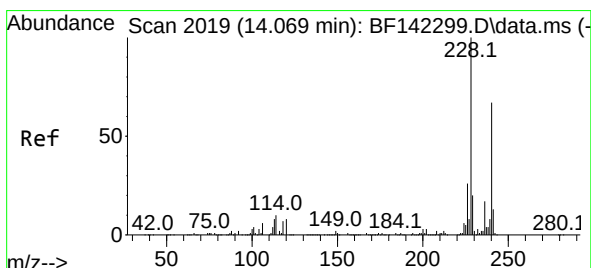
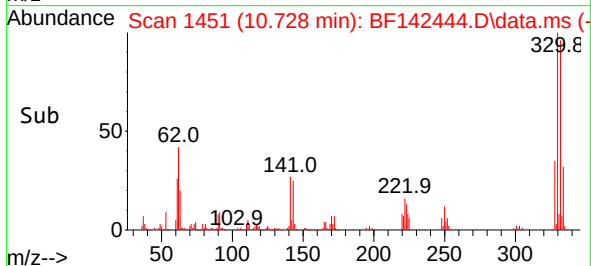
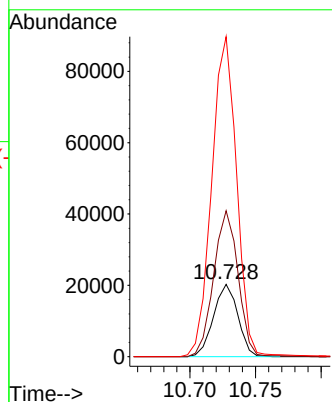
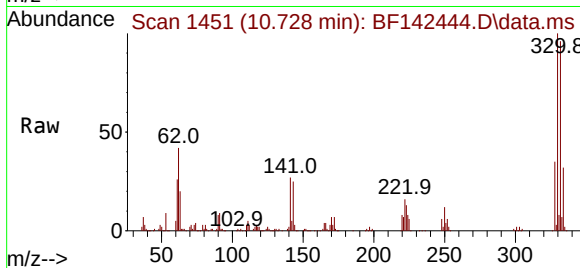




#67
4-Bromophenyl-phenylether
Concen: 4.139 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

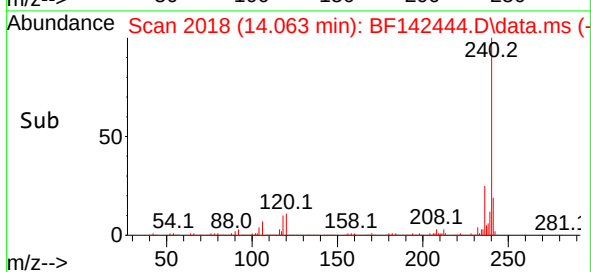
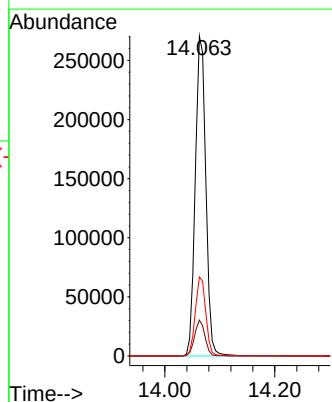
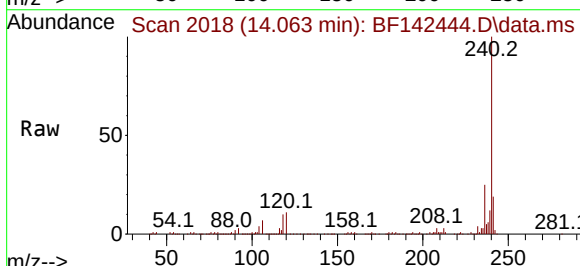
Instrument :
BNA_F
ClientSampleId :

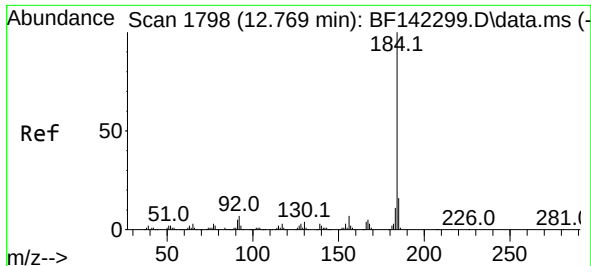
Tgt Ion:248 Resp: 26186
Ion Ratio Lower Upper
248 100
250 201.5 77.9 116.9#
141 442.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:240 Resp: 360634
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 24.7 20.0 30.0

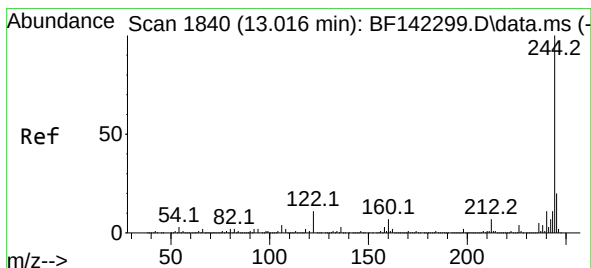
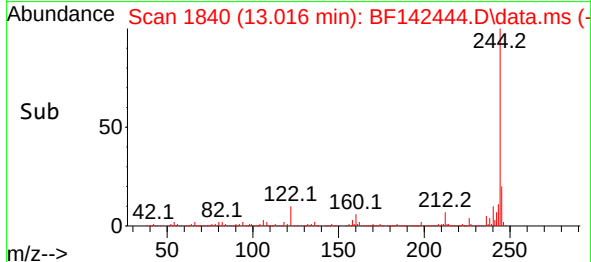
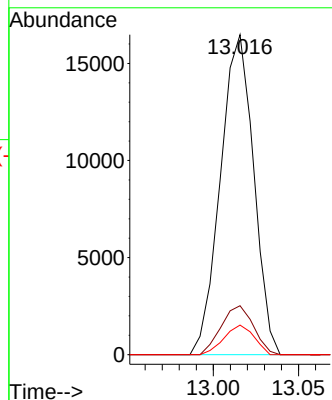
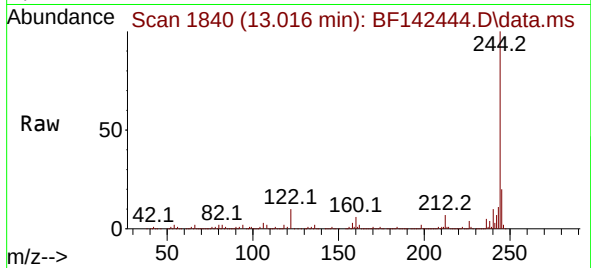




#77
Benzidine
Concen: 3.410 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

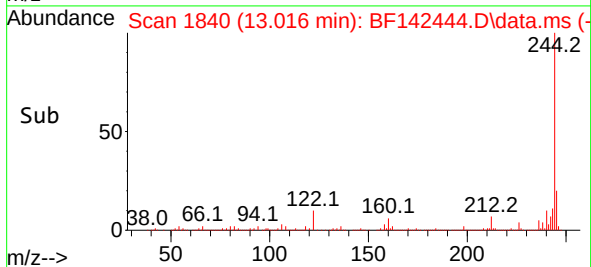
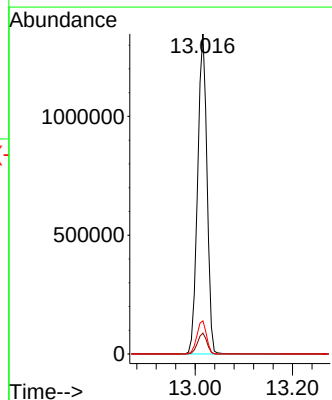
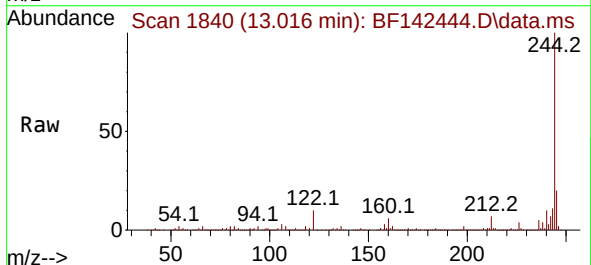
Instrument :
BNA_F
ClientSampleId :

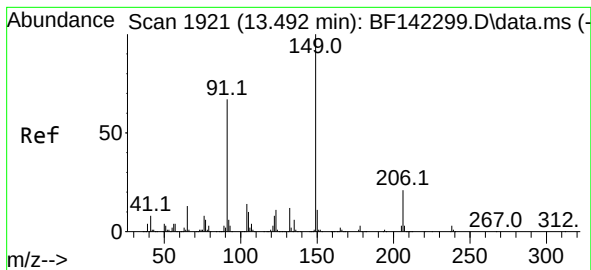
Tgt Ion:184 Resp: 22351
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 9.3 8.6 12.8



#79
Terphenyl-d14
Concen: 74.273 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:244 Resp: 1809693
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.3 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.696 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142444.D

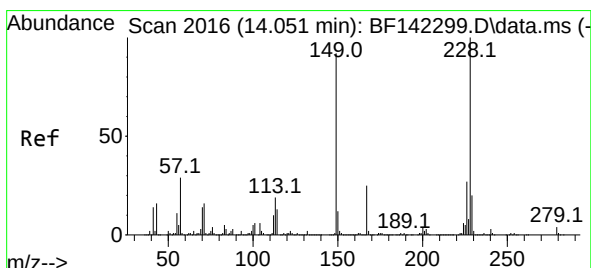
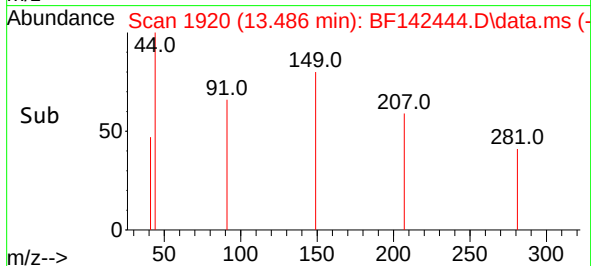
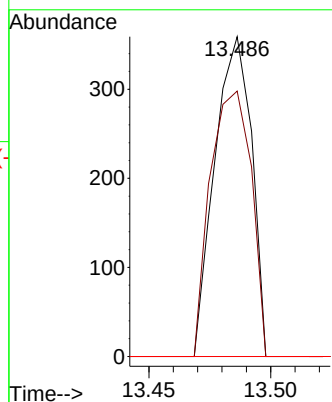
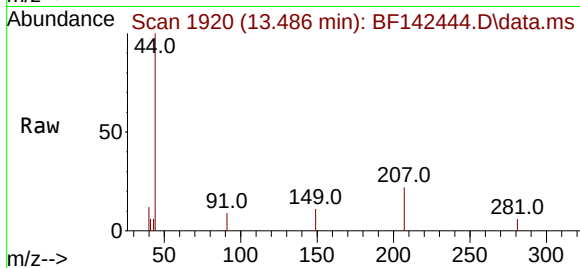
Acq: 19 May 2025 11:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	378
Ion	Ratio	Lower Upper
149	100	
91	83.0	53.8 80.6#
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.280 ng

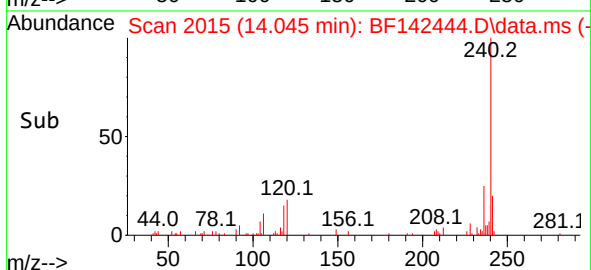
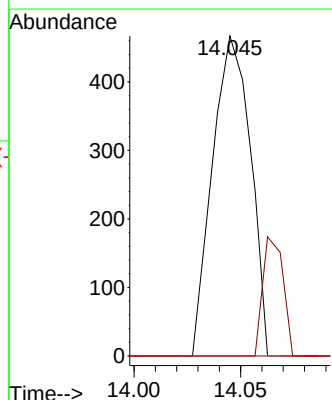
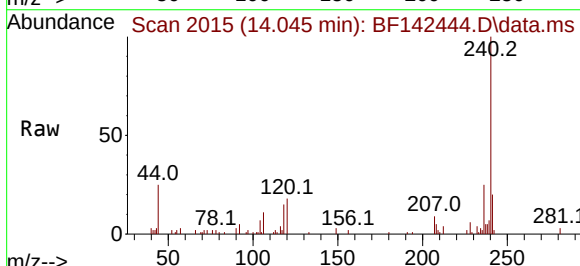
RT: 14.045 min Scan# 2015

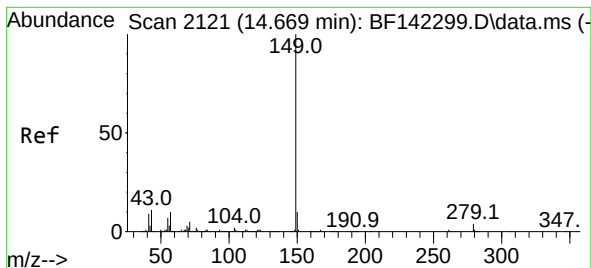
Delta R.T. -0.006 min

Lab File: BF142444.D

Acq: 19 May 2025 11:36

Tgt Ion:149	Resp:	579
Ion	Ratio	Lower Upper
149	100	
167	0.0	22.0 33.0#
279	0.0	3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.889 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

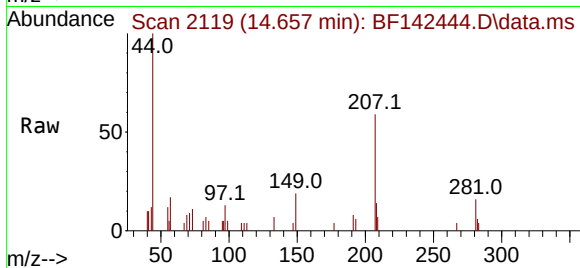
Lab File: BF142444.D

Acq: 19 May 2025 11:36

Instrument :

BNA_F

ClientSampleId :



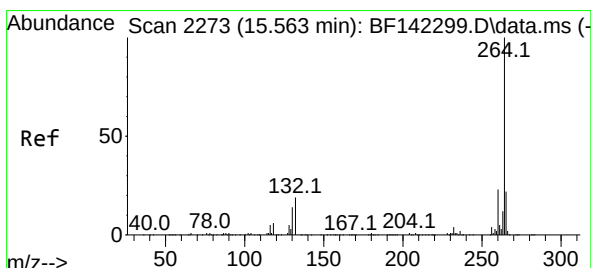
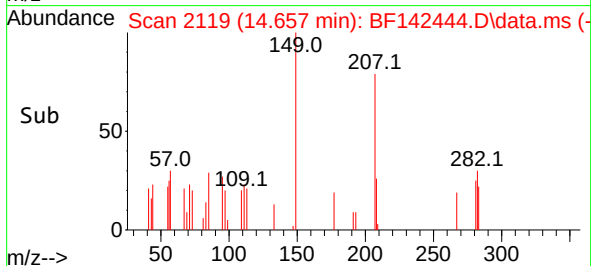
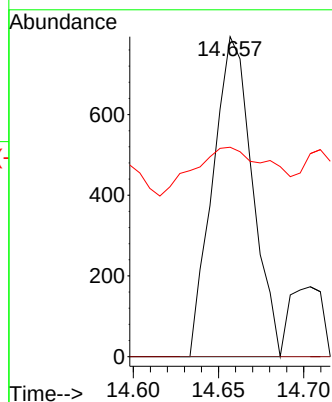
Tgt Ion:149 Resp: 1281

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 28.6 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: BF142444.D

Acq: 19 May 2025 11:36

Tgt Ion:264 Resp: 291777

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.8 17.5 26.3

