

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142346.D
 Acq On : 13 May 2025 16:14
 Operator : RC/JU
 Sample : Q2007-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-10

Quant Time: May 13 17:05:40 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)

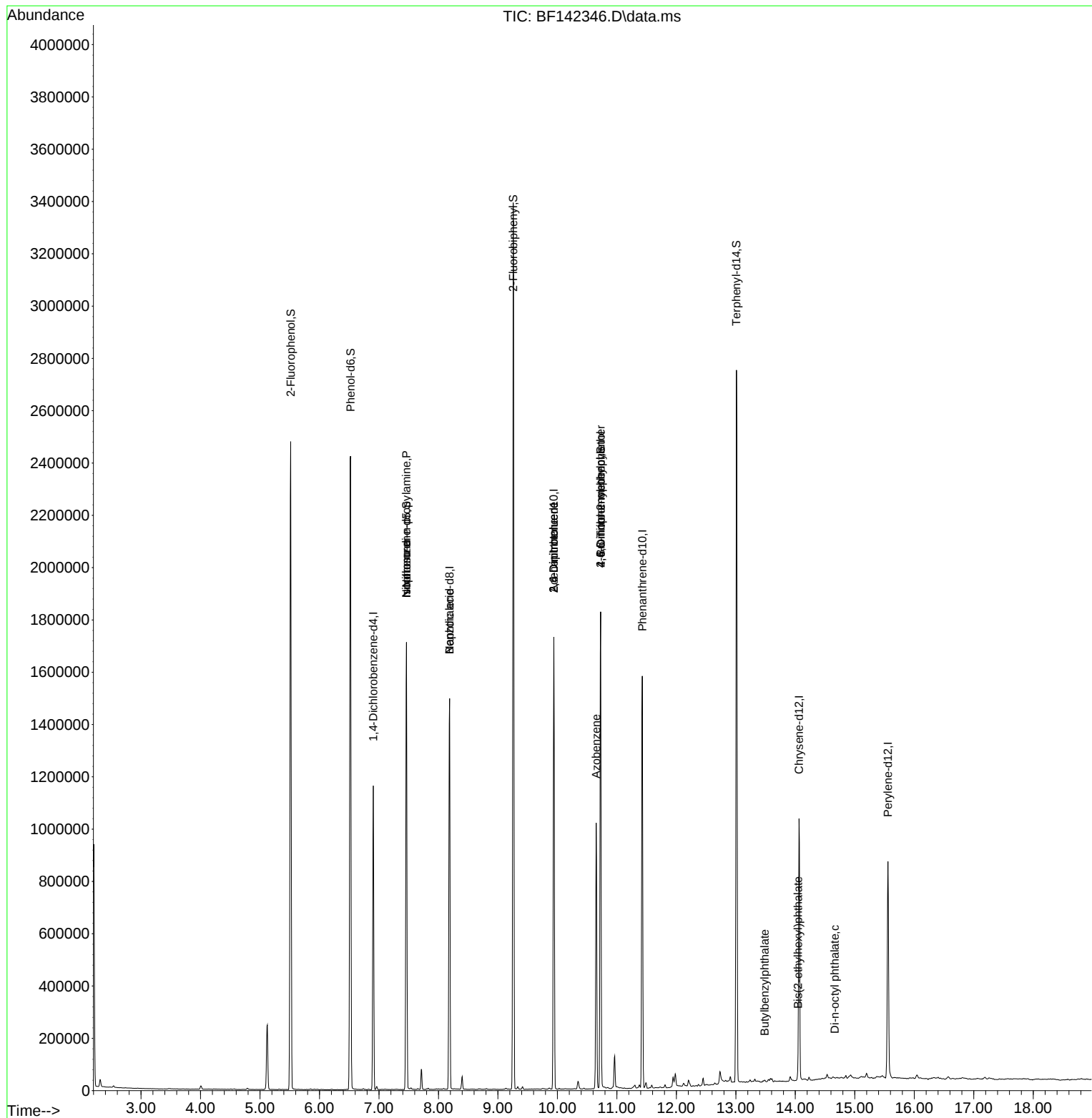
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	245424	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	942148	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	501592	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	806588	20.000	ng	0.00
76) Chrysene-d12	14.063	240	480564	20.000	ng	0.00
86) Perylene-d12	15.557	264	481518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	953482	66.321	ng	0.00
7) Phenol-d6	6.522	99	1183811	66.948	ng	0.00
23) Nitrobenzene-d5	7.463	82	705390	45.661	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	317170	65.493	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1511940	42.980	ng	0.00
79) Terphenyl-d14	13.010	244	1317844	40.589	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	93437	8.543	ng	# 78
25) Isophorone	7.463	82	693566	23.709	ng	# 62
32) Benzoic acid	8.187	122	137	6.032	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	64036	10.622	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	64036	8.280	ng	# 25
63) Azobenzene	10.651	77	233019	7.581	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.728	198	590	7.318	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	19714	2.157	ng	# 1
80) Butylbenzylphthalate	13.486	149	1653	3.782	ng	95
84) Bis(2-ethylhexyl)phtha...	14.045	149	13443	4.991	ng	99
85) Di-n-octyl phthalate	14.663	149	1017	7.869	ng	# 73

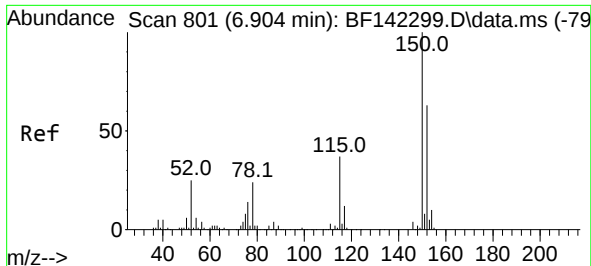
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142346.D
Acq On : 13 May 2025 16:14
Operator : RC/JU
Sample : Q2007-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

Quant Time: May 13 17:05:40 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

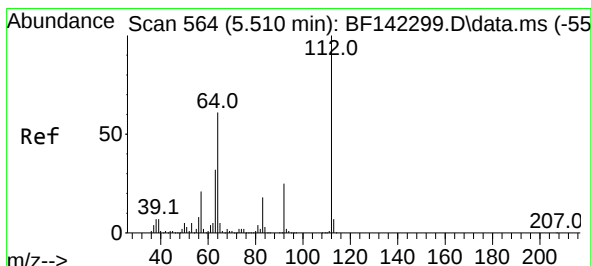
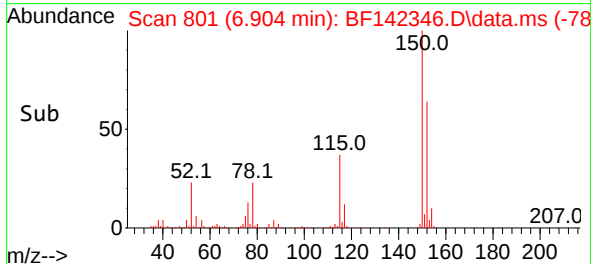
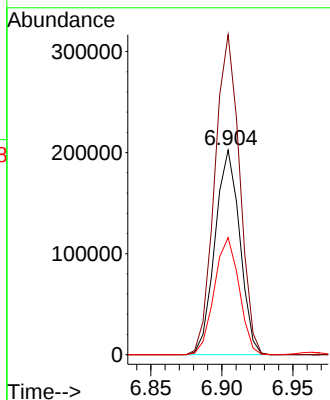
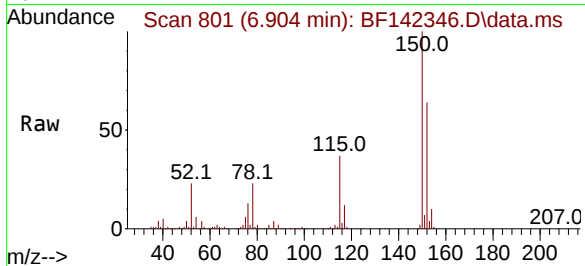




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

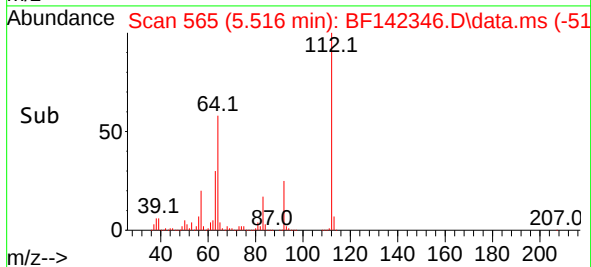
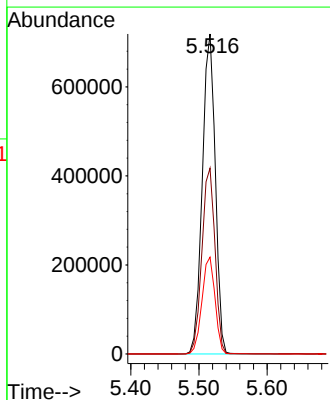
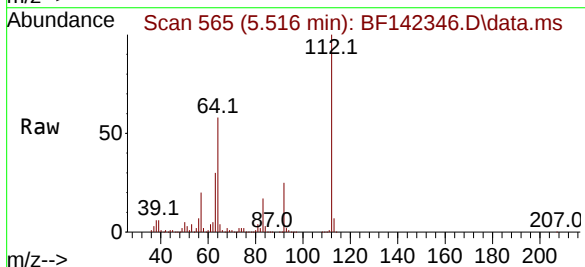
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

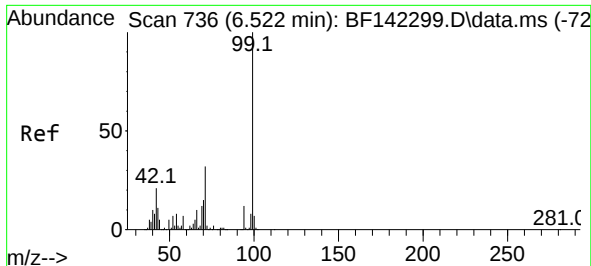
Tgt Ion:152 Resp: 245424
Ion Ratio Lower Upper
152 100
150 156.4 126.6 190.0
115 57.2 47.3 70.9



#5
2-Fluorophenol
Concen: 66.321 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:112 Resp: 953482
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.3 25.6 38.4

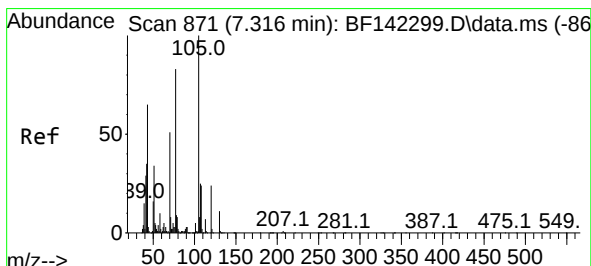
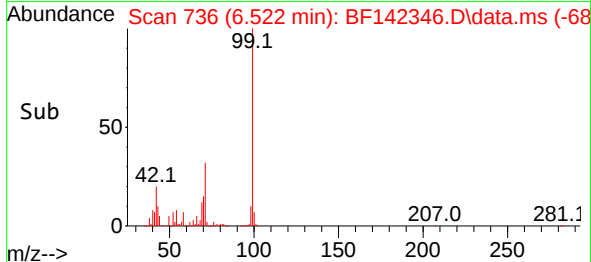
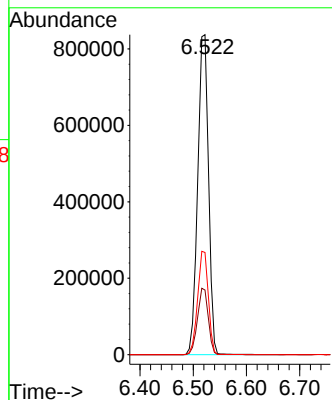
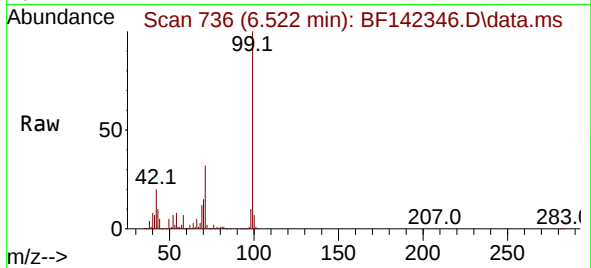




#7
Phenol-d6
Concen: 66.948 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

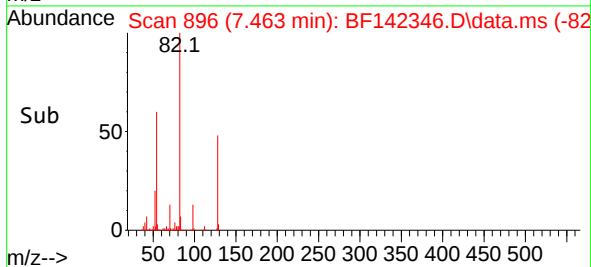
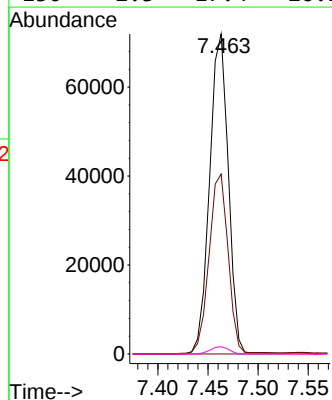
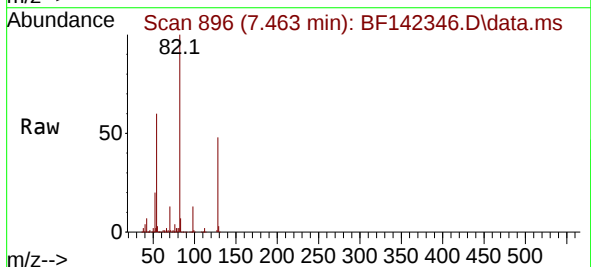
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

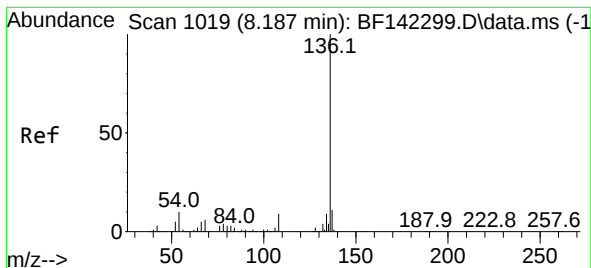
Tgt Ion: 99 Resp: 1183811
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 31.9 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.543 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion: 70 Resp: 93437
Ion Ratio Lower Upper
70 100
42 56.2 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: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142346.D

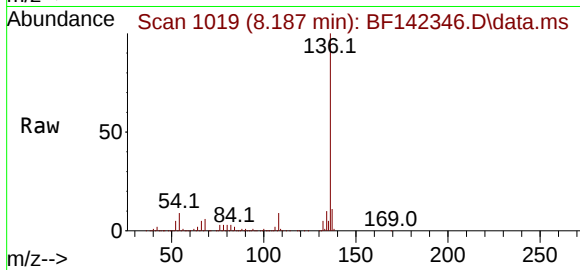
Acq: 13 May 2025 16:14

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10



Tgt Ion:136 Resp: 942148

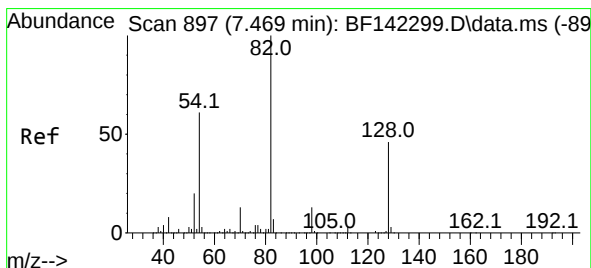
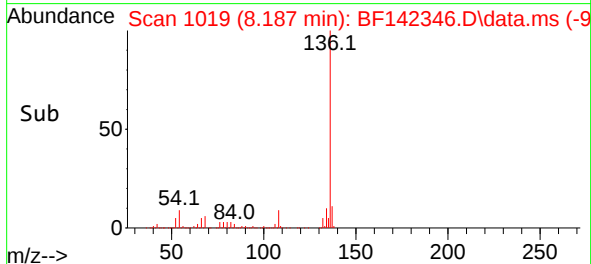
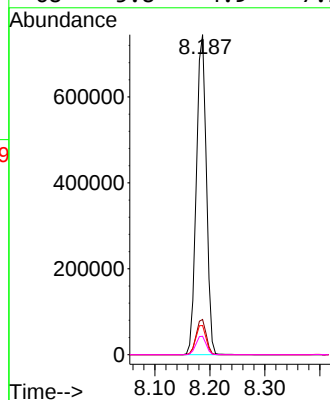
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 7.7 11.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 45.661 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

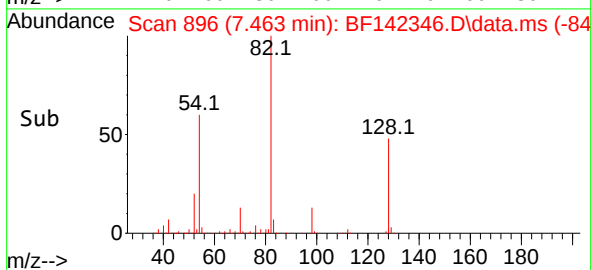
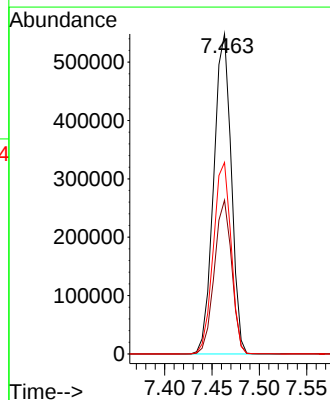
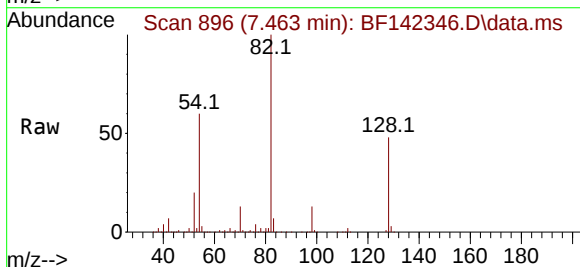
Tgt Ion: 82 Resp: 705390

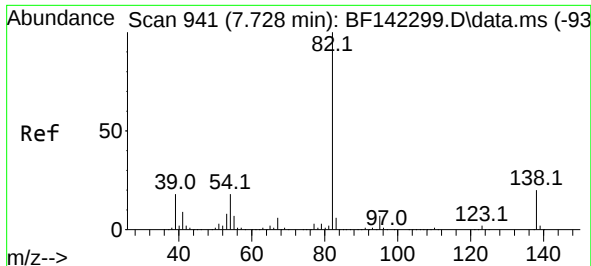
Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.6

54 59.9 48.6 73.0

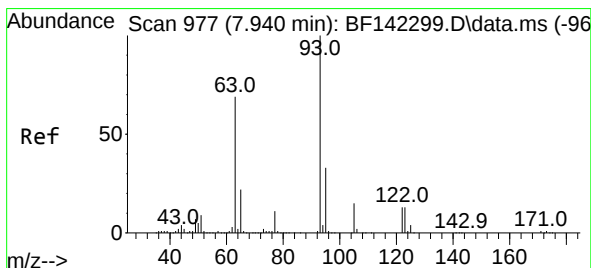
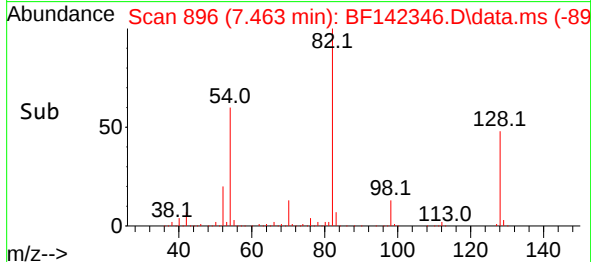
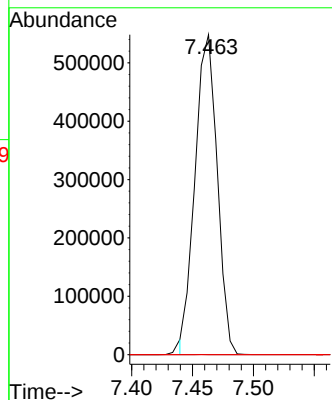
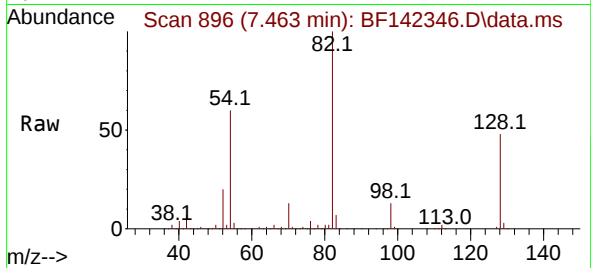




#25
Isophorone
Concen: 23.709 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

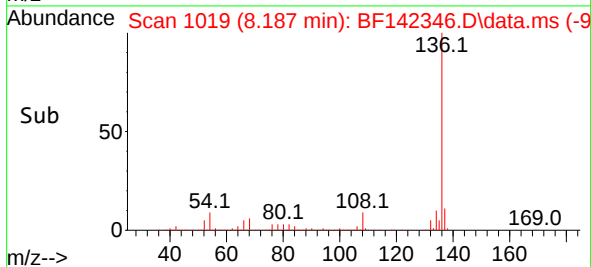
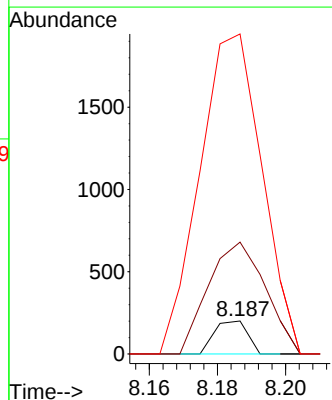
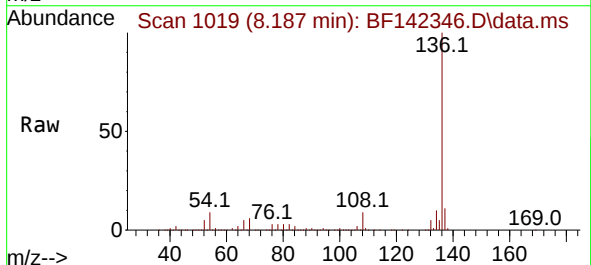
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

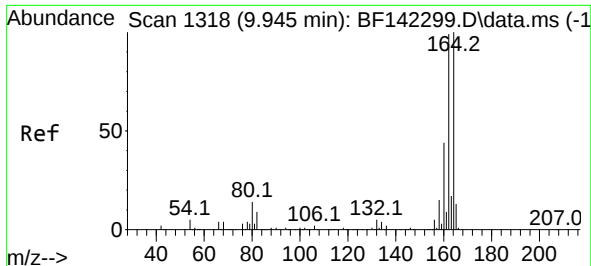
Tgt Ion: 82 Resp: 693566
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.032 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.247 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 338.3 97.9 137.9#
77 967.7 67.7 107.7#

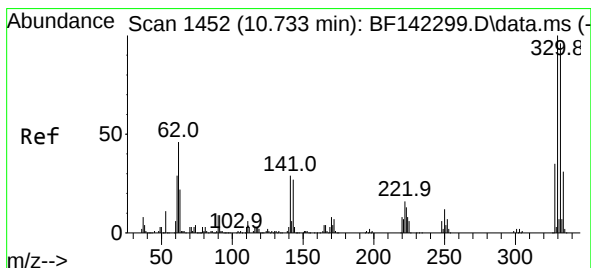
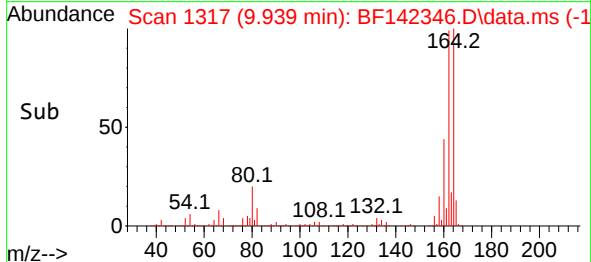
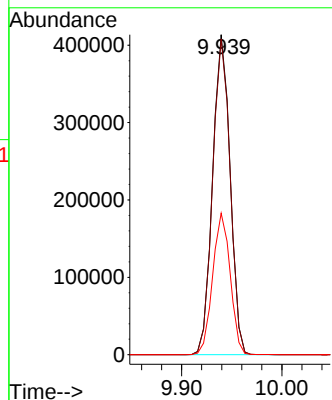
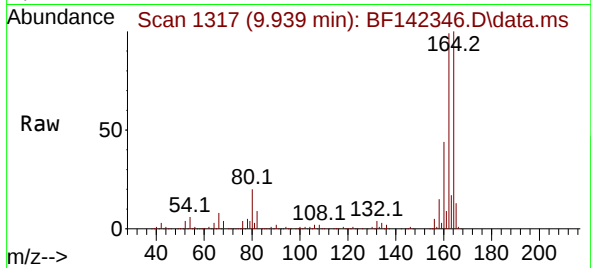




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

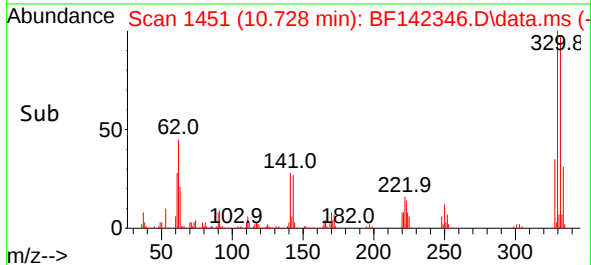
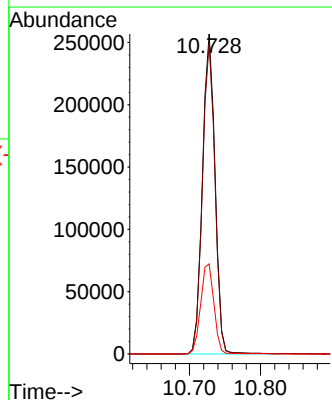
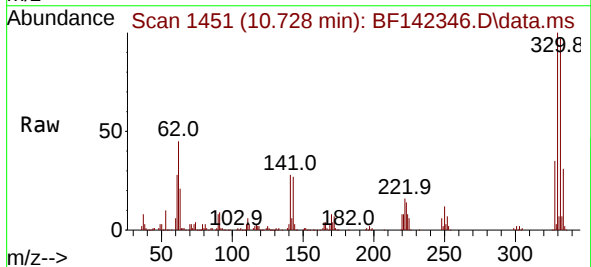
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

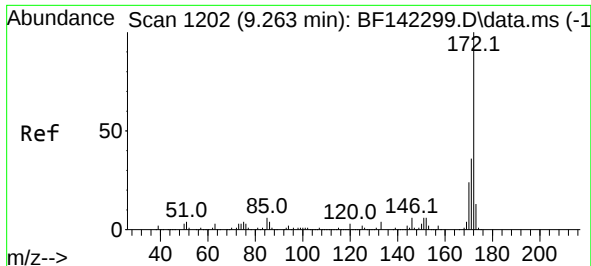
Tgt Ion:164 Resp: 501592
Ion Ratio Lower Upper
164 100
162 98.7 79.2 118.8
160 44.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 65.493 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:330 Resp: 317170
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 29.8 24.9 37.3

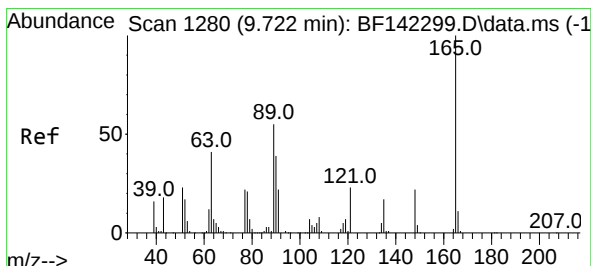
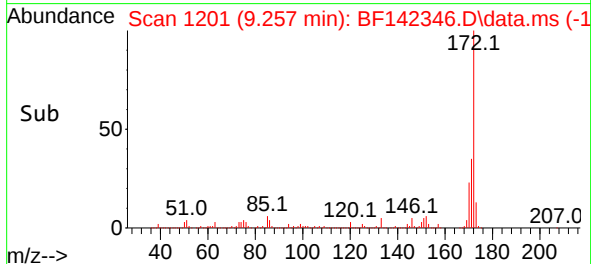
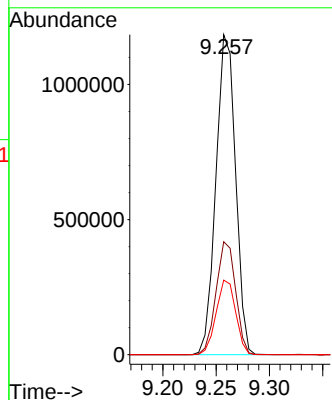
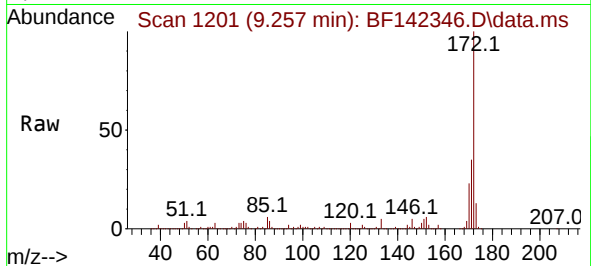




#45
2-Fluorobiphenyl
Concen: 42.980 ng
RT: 9.257 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

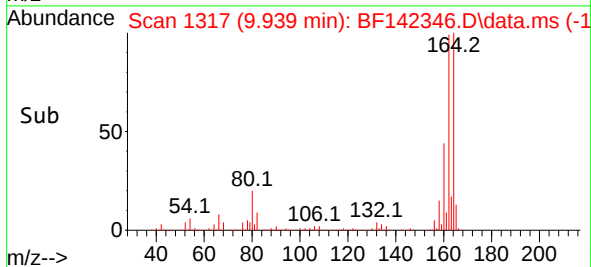
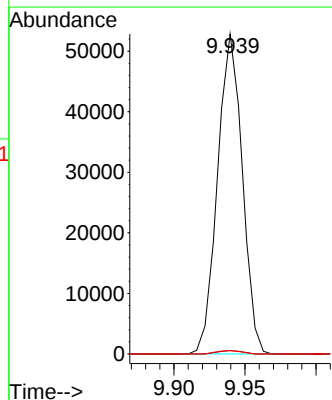
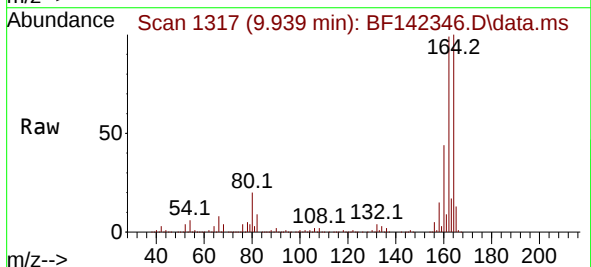
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

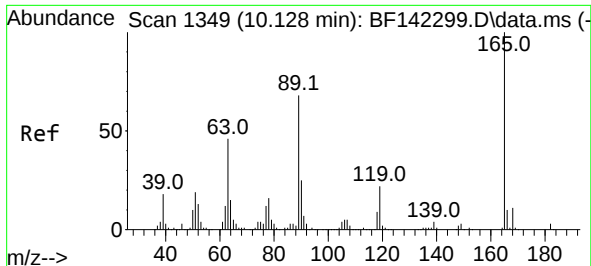
Tgt Ion:172 Resp: 1511940
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.3 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.622 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

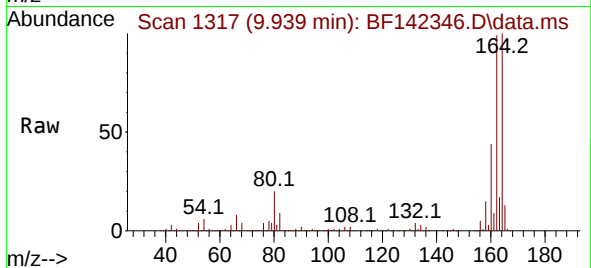
Tgt Ion:165 Resp: 64036
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.0 44.6 66.8#



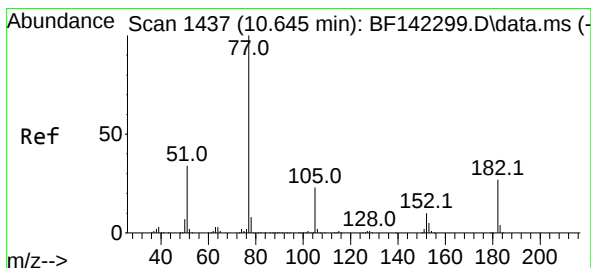
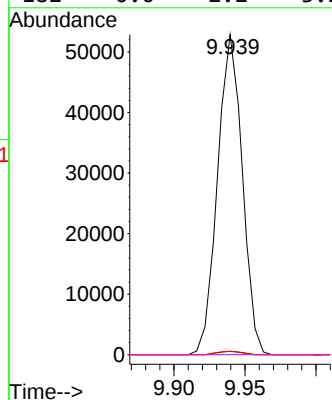
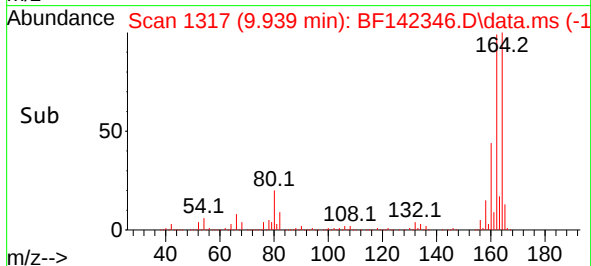


#57
2,4-Dinitrotoluene
Concen: 8.280 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

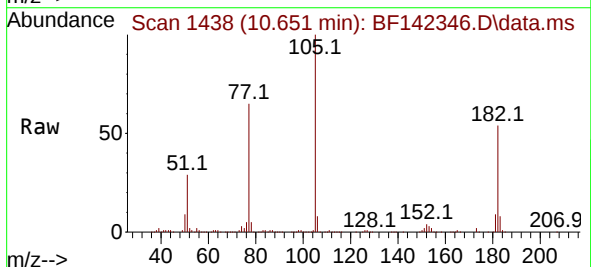
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10



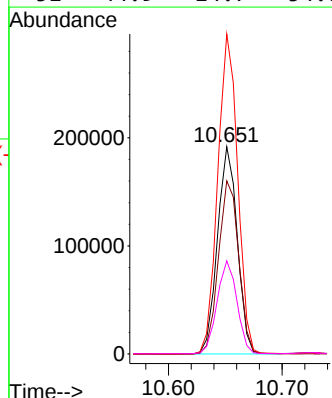
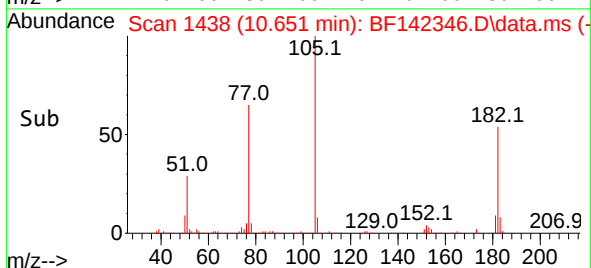
Tgt Ion:165 Resp: 64036
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#

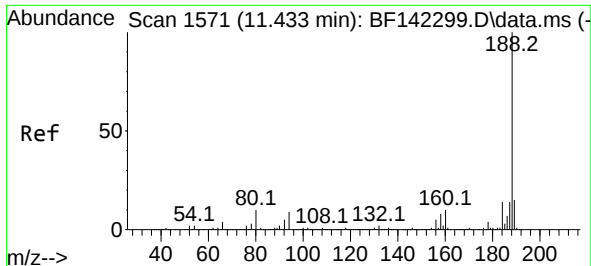


#63
Azobenzene
Concen: 7.581 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14



Tgt Ion: 77 Resp: 233019
Ion Ratio Lower Upper
77 100
182 83.5 6.9 46.9#
105 154.4 2.7 42.7#
51 44.9 14.7 54.7

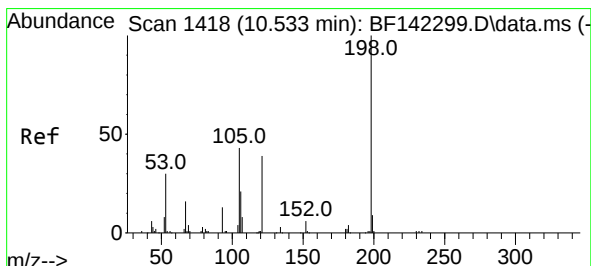
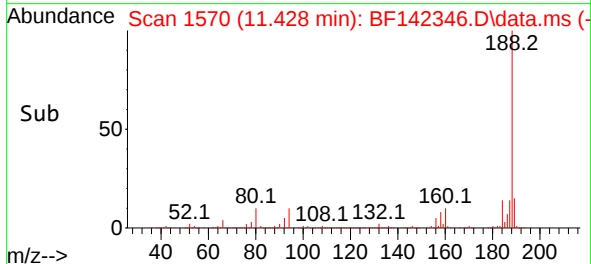
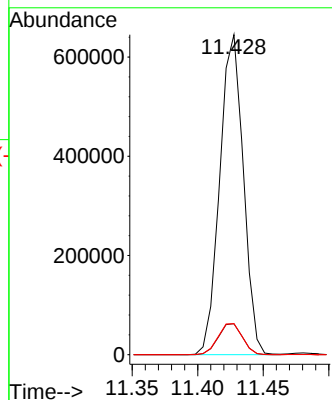
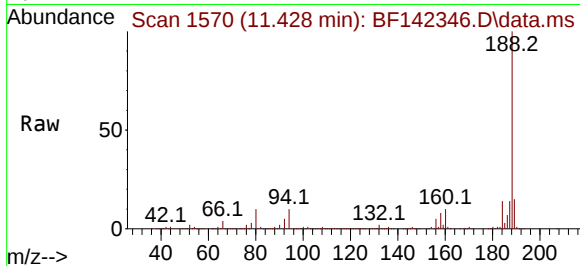




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

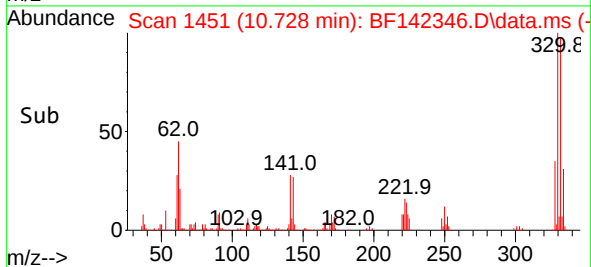
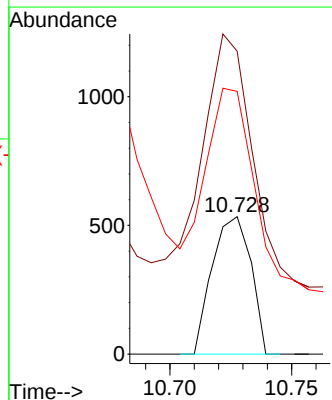
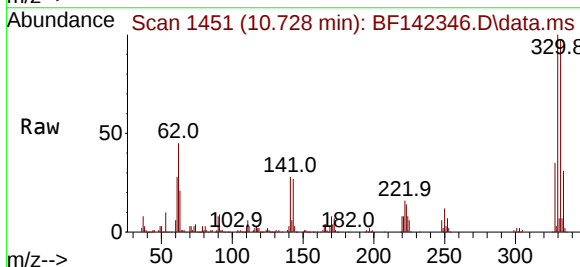
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

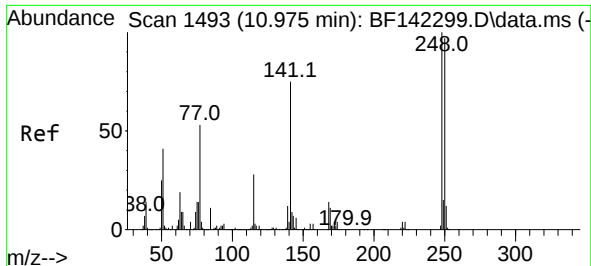
Tgt Ion:188 Resp: 806588
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.7 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.318 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.195 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:198 Resp: 590
Ion Ratio Lower Upper
198 100
51 220.4 32.9 72.9#
105 191.2 23.7 63.7#

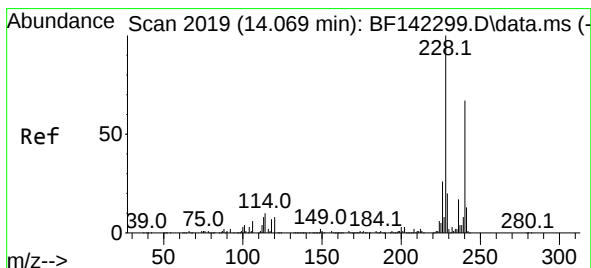
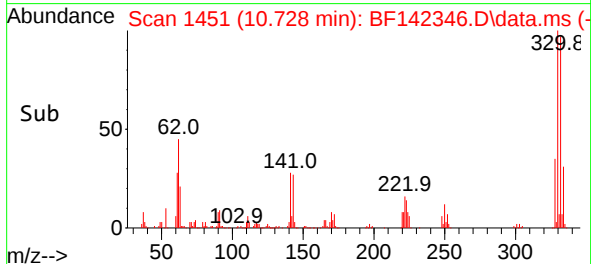
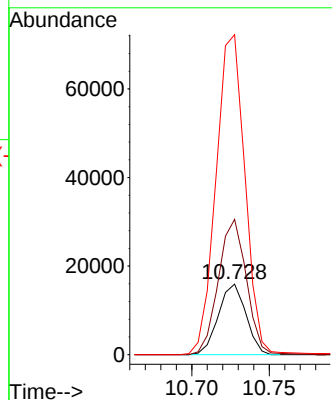
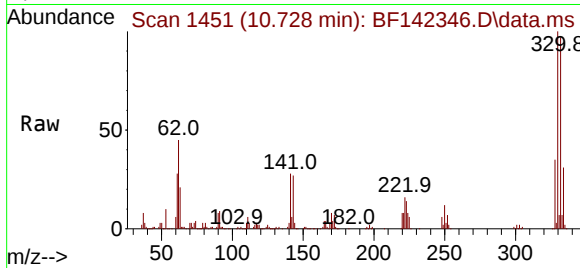




#67
4-Bromophenyl-phenylether
Concen: 2.157 ng
RT: 10.728 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

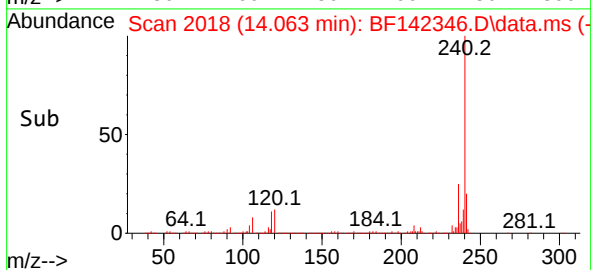
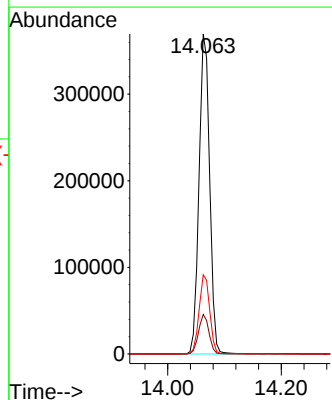
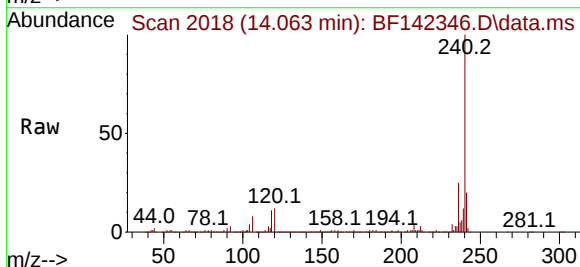
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

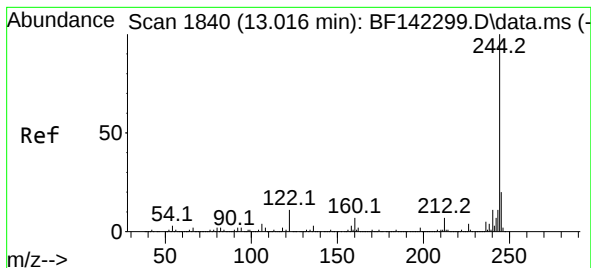
Tgt Ion:248 Resp: 19714
Ion Ratio Lower Upper
248 100
250 192.0 77.9 116.9#
141 453.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

Tgt Ion:240 Resp: 480564
Ion Ratio Lower Upper
240 100
120 12.4 9.7 14.5
236 24.8 20.0 30.0





#79

Terphenyl-d14

Concen: 40.589 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10

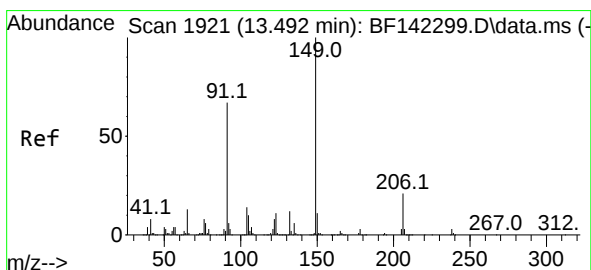
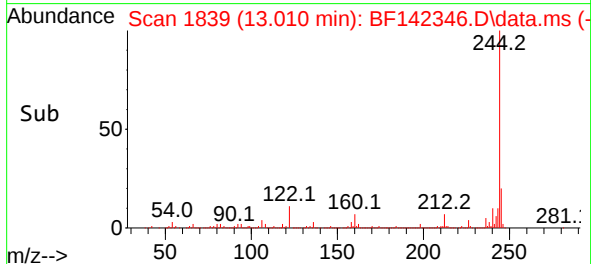
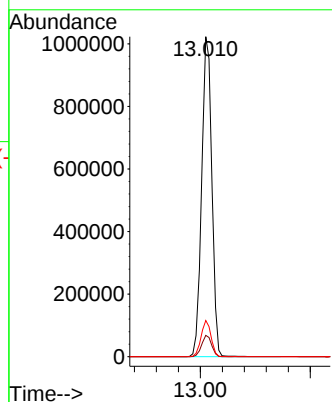
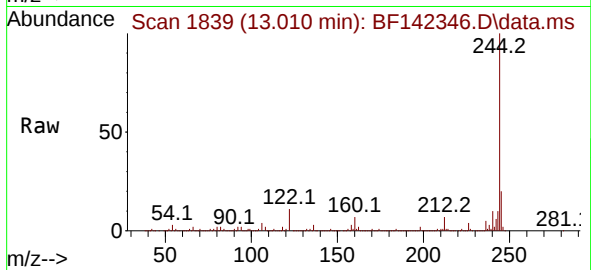
Tgt Ion:244 Resp: 1317844

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.782 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142346.D

Acq: 13 May 2025 16:14

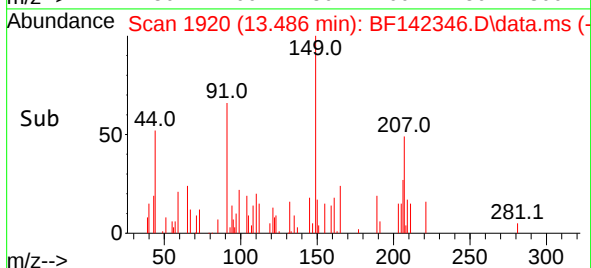
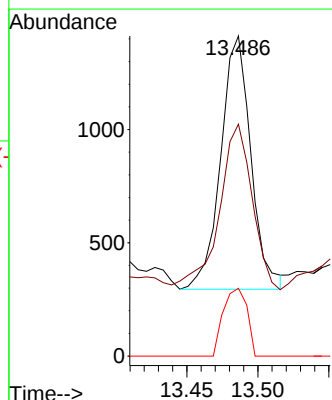
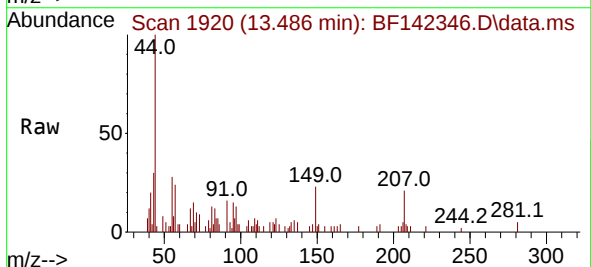
Tgt Ion:149 Resp: 1653

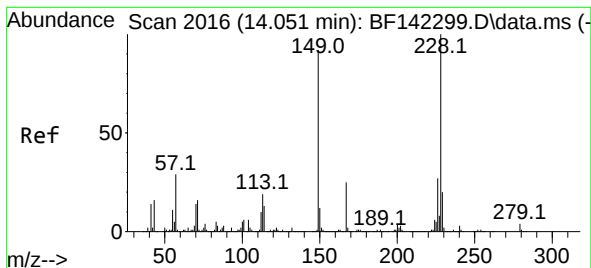
Ion Ratio Lower Upper

149 100

91 72.5 53.8 80.6

206 21.2 16.6 24.8

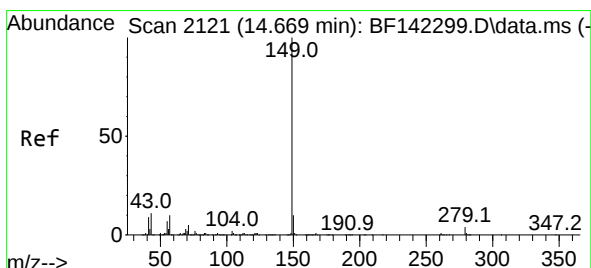
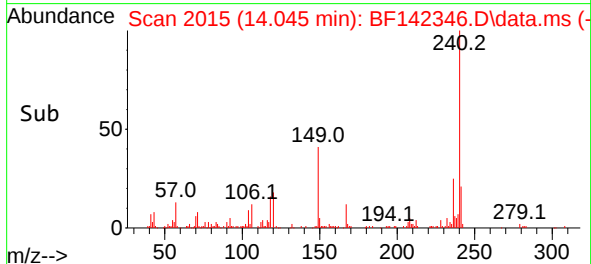
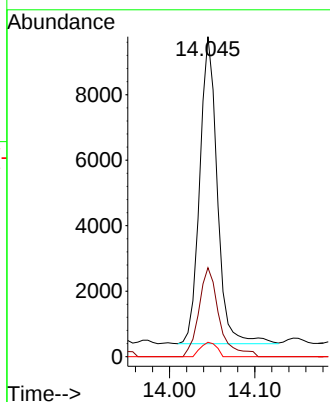
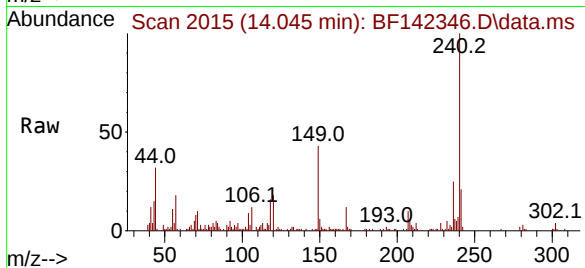




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.991 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

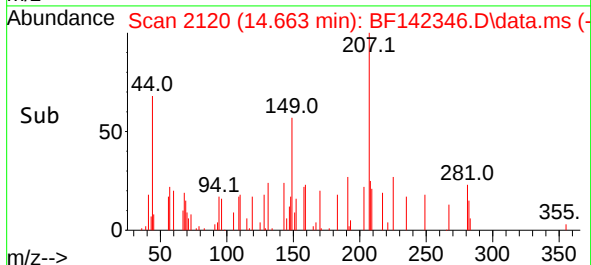
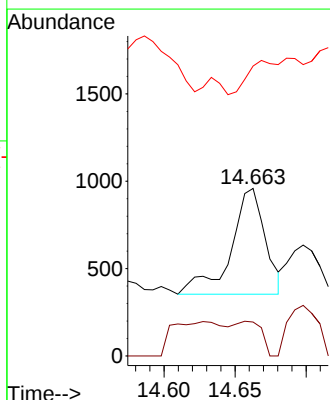
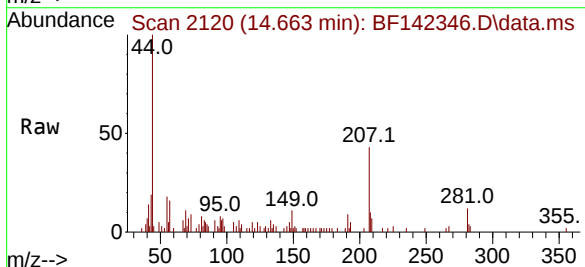
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

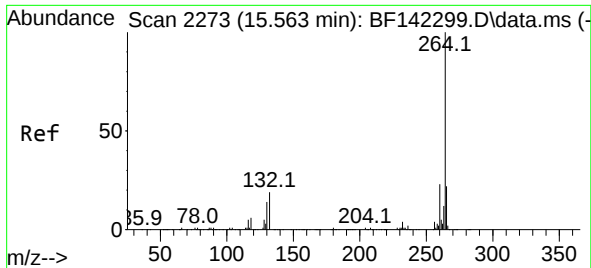
Tgt Ion:149 Resp: 13443
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.5 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 7.869 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142346.D
Acq: 13 May 2025 16:14

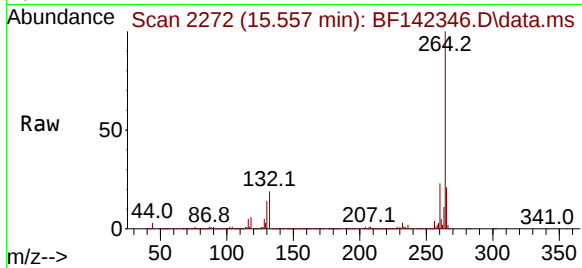
Tgt Ion:149 Resp: 1017
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142346.D
 Acq: 13 May 2025 16:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-10



Tgt Ion:264 Resp: 481518
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.3 17.5 26.3

