

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142349.D
 Acq On : 13 May 2025 17:40
 Operator : RC/JU
 Sample : Q2007-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-13

Quant Time: May 13 18:36:25 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)

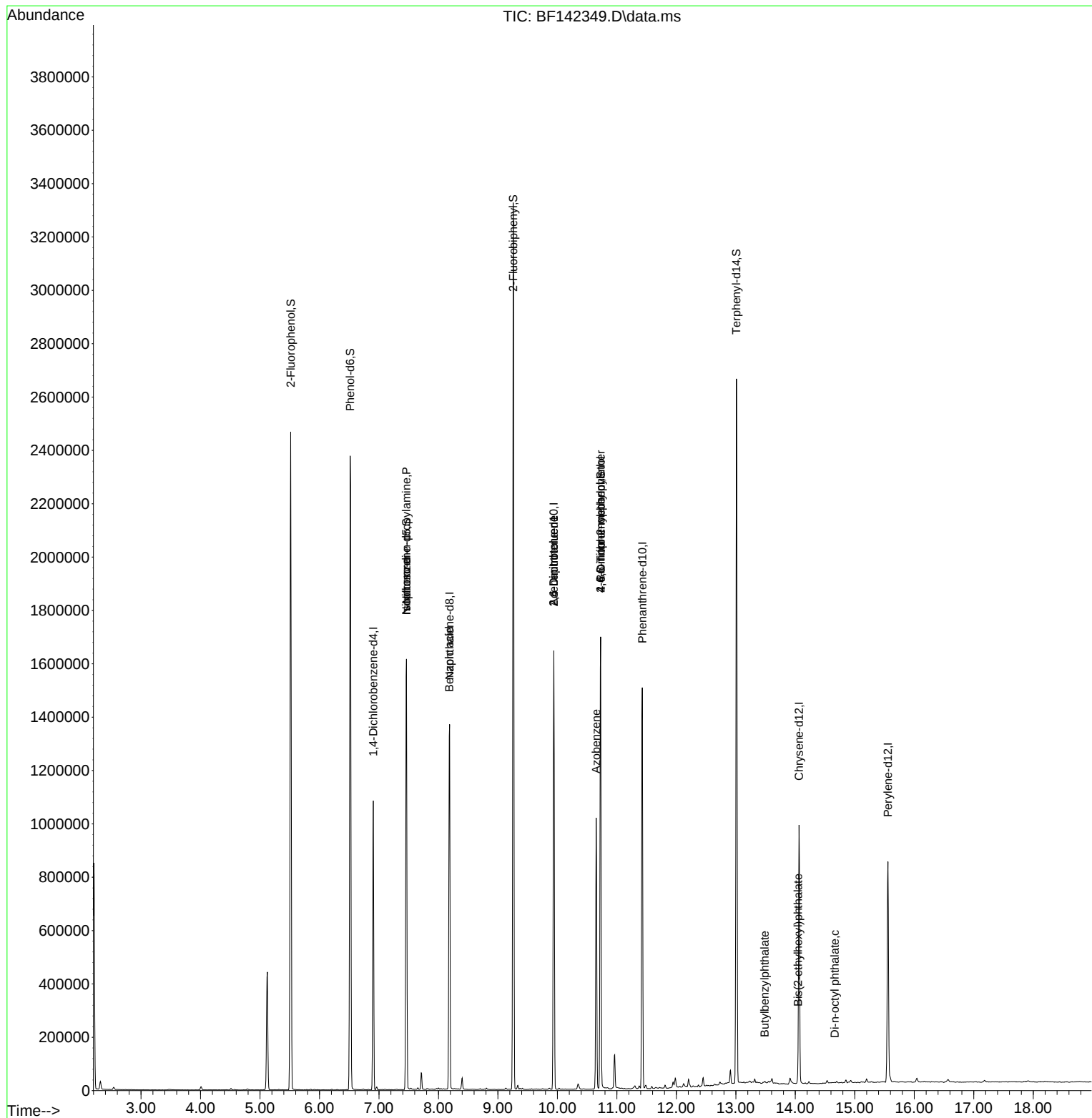
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	229218	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	872745	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	476798	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	772617	20.000	ng	0.00
76) Chrysene-d12	14.063	240	463084	20.000	ng	0.00
86) Perylene-d12	15.557	264	477215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	931115	69.344	ng	0.00
7) Phenol-d6	6.516	99	1140932	69.085	ng	0.00
23) Nitrobenzene-d5	7.463	82	679514	47.484	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	298469	64.837	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1478049	44.201	ng	0.00
79) Terphenyl-d14	13.010	244	1275060	40.753	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	89872	8.798	ng	# 78
25) Isophorone	7.463	82	667301	24.625	ng	# 62
32) Benzoic acid	8.181	122	118	6.031	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	62302	10.871	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	62302	8.475	ng	# 25
63) Azobenzene	10.651	77	229806	7.865	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.728	198	622	7.332	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	18021	2.058	ng	# 1
80) Butylbenzylphthalate	13.486	149	1925	3.807	ng	# 86
84) Bis(2-ethylhexyl)phtha...	14.045	149	14683	5.092	ng	# 98
85) Di-n-octyl phthalate	14.663	149	2071	7.901	ng	# 50

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142349.D
Acq On : 13 May 2025 17:40
Operator : RC/JU
Sample : Q2007-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

Quant Time: May 13 18:36:25 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

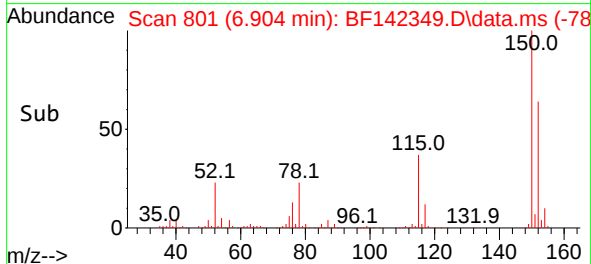
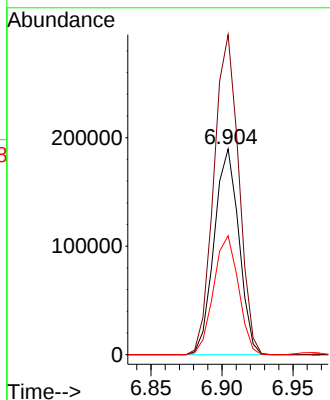
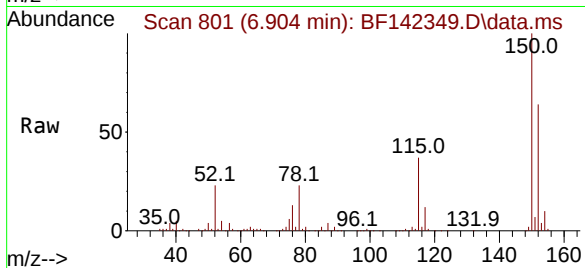




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142349.D
 Acq: 13 May 2025 17:40

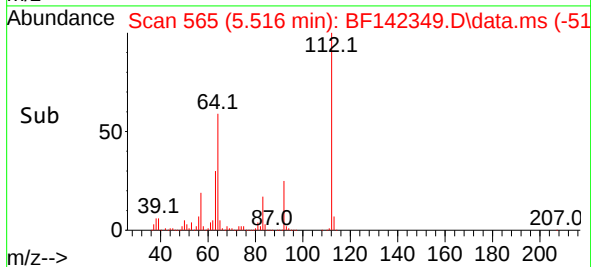
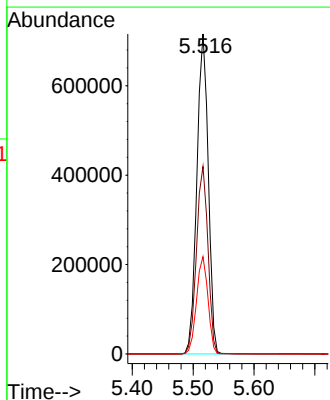
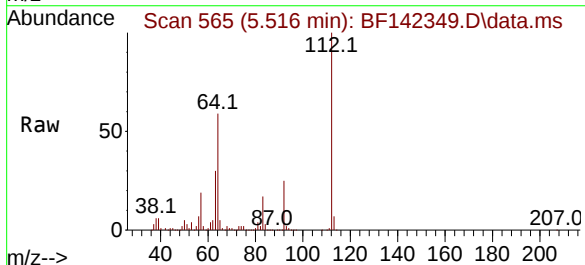
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-13

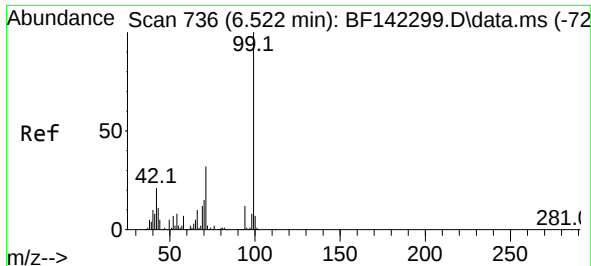
Tgt Ion:152 Resp: 229218
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.6 190.0
 115 57.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 69.344 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142349.D
 Acq: 13 May 2025 17:40

Tgt Ion:112 Resp: 931115
 Ion Ratio Lower Upper
 112 100
 64 58.6 48.9 73.3
 63 30.4 25.6 38.4

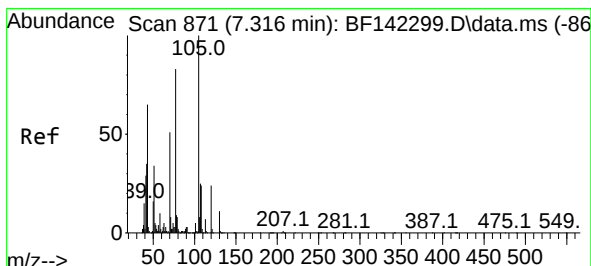
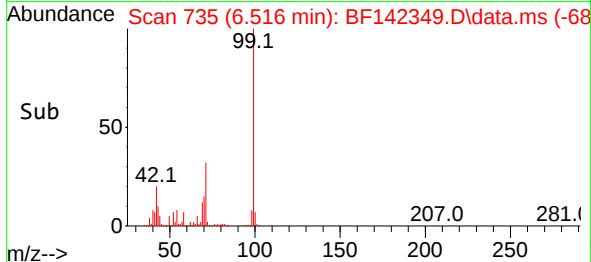
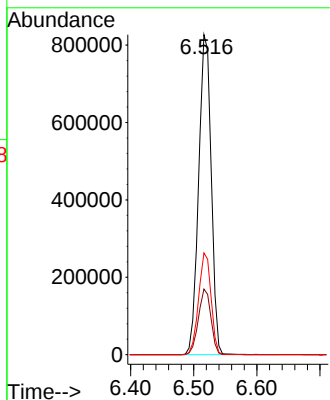
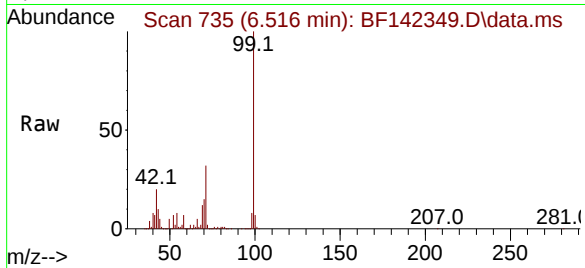




#7
Phenol-d6
Concen: 69.085 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

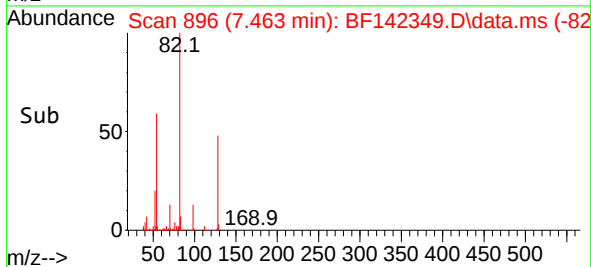
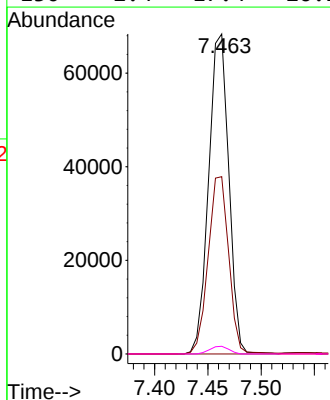
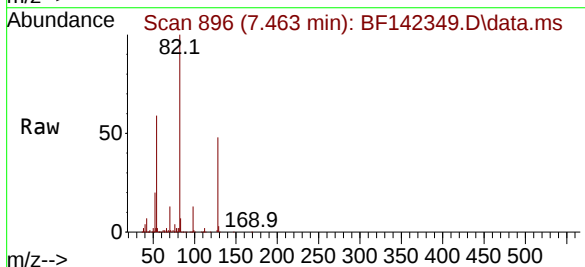
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

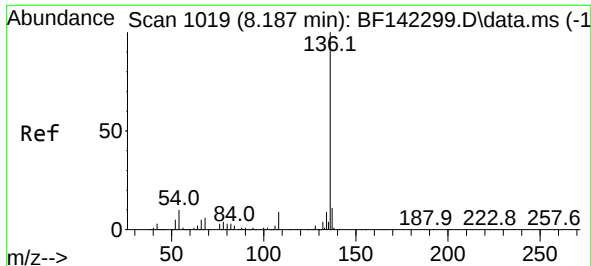
Tgt Ion: 99 Resp: 1140932
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 31.8 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.798 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion: 70 Resp: 89872
Ion Ratio Lower Upper
70 100
42 55.4 54.8 82.2
101 0.0 7.7 11.5#
130 2.4 17.4 26.2#



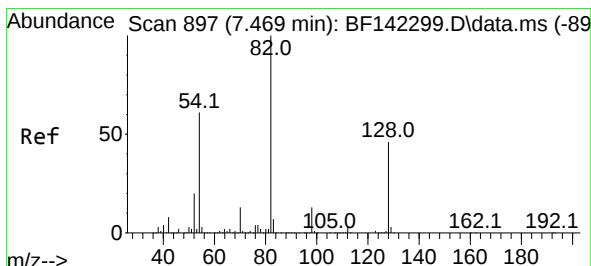
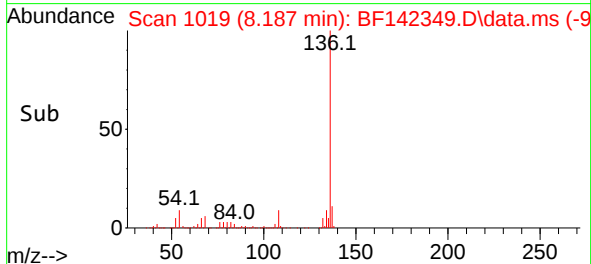
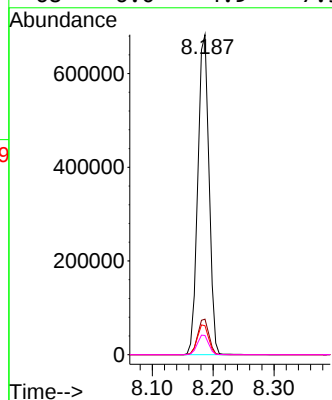
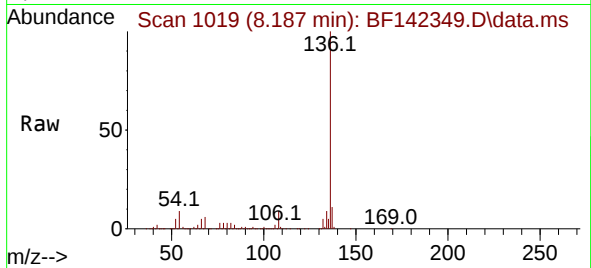


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

Tgt Ion:136 Resp: 872745

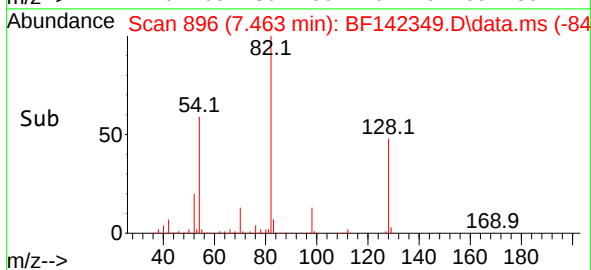
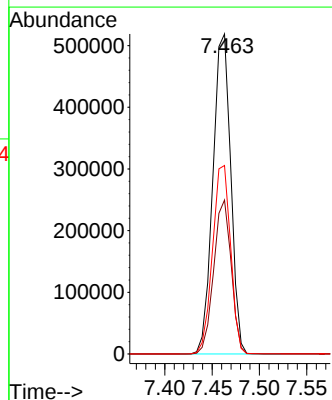
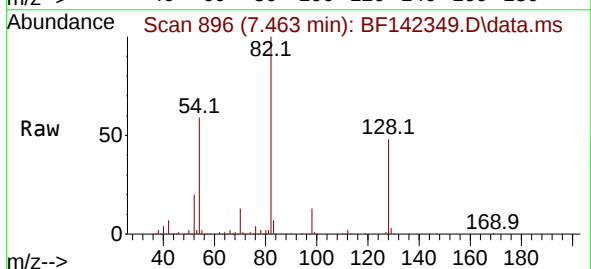
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	6.0	4.9	7.3

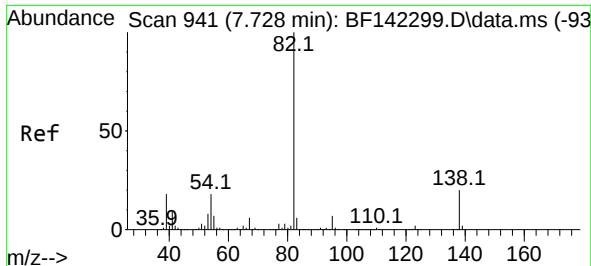


#23
Nitrobenzene-d5
Concen: 47.484 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion: 82 Resp: 679514

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.0	55.6
54	58.9	48.6	73.0

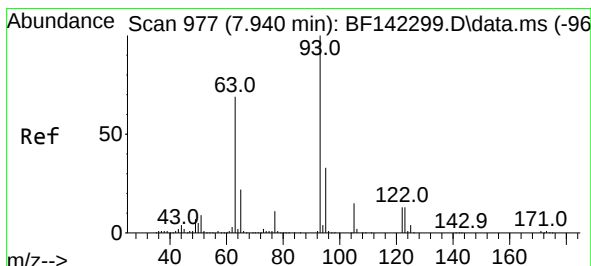
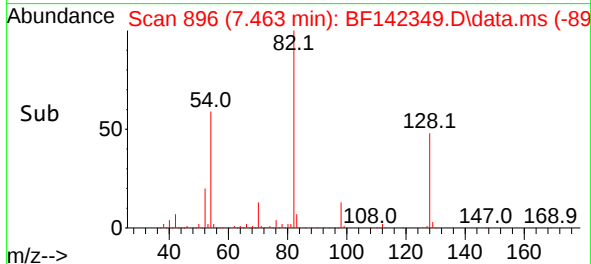
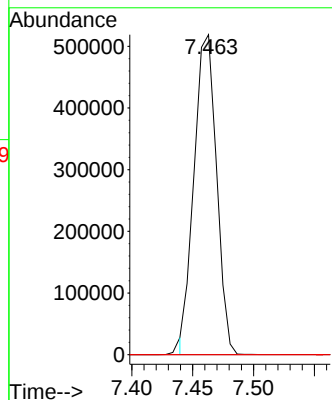
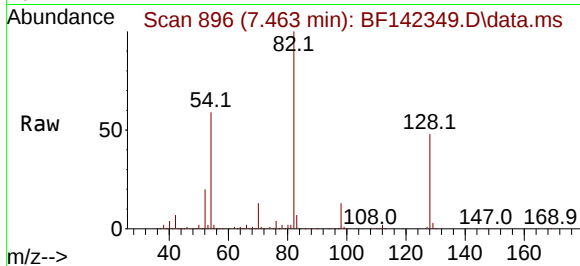




#25
Isophorone
Concen: 24.625 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

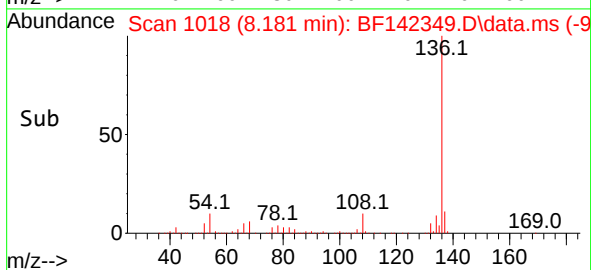
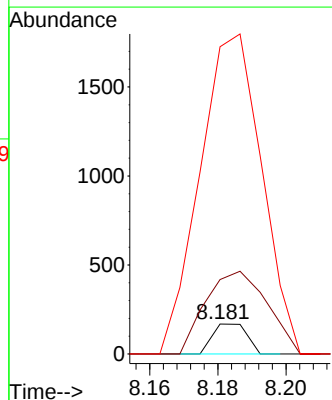
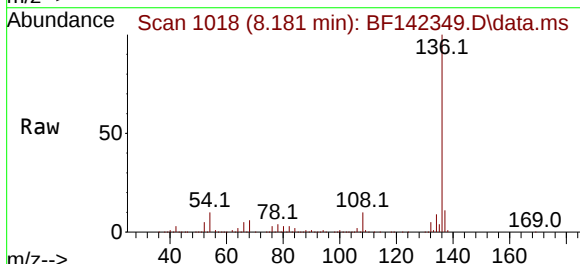
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

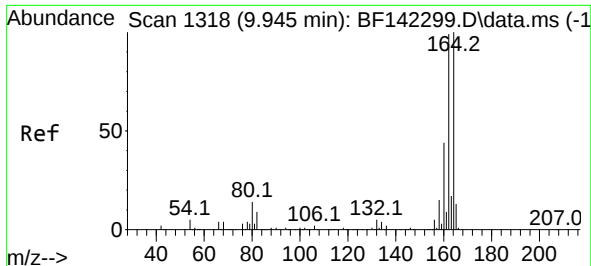
Tgt Ion: 82 Resp: 667301
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.031 ng
RT: 8.181 min Scan# 1018
Delta R.T. 0.241 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 248.8 97.9 137.9#
77 1027.4 67.7 107.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13

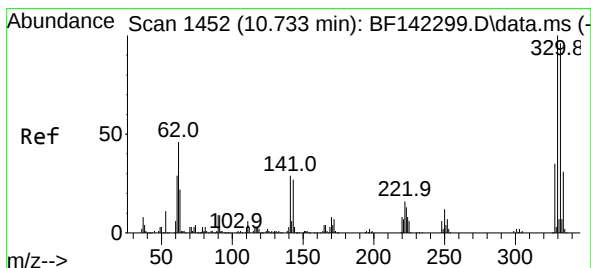
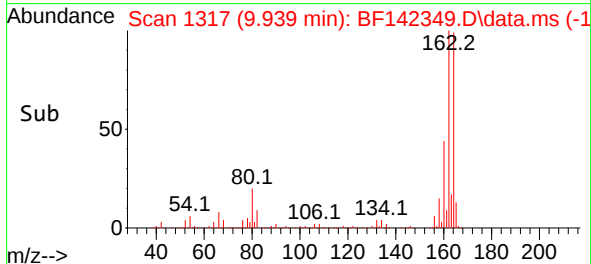
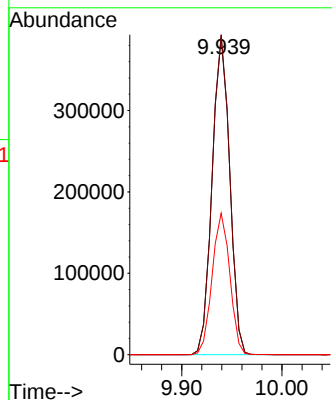
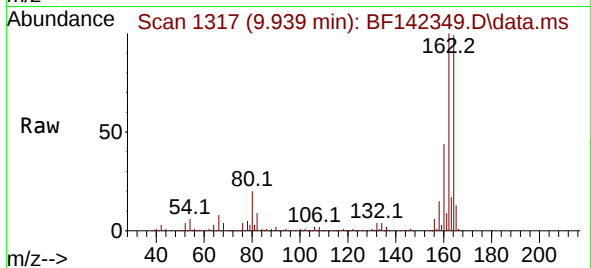
Tgt Ion:164 Resp: 476798

Ion Ratio Lower Upper

164 100

162 100.8 79.2 118.8

160 44.6 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 64.837 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

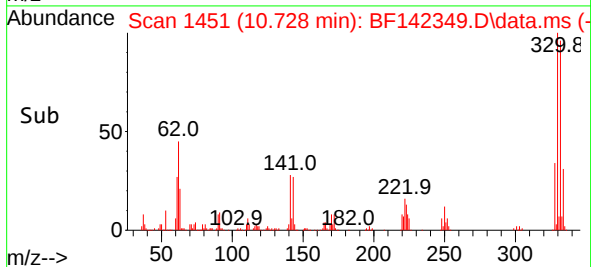
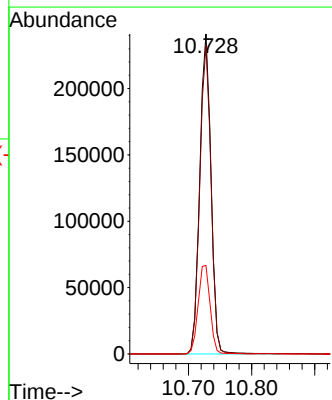
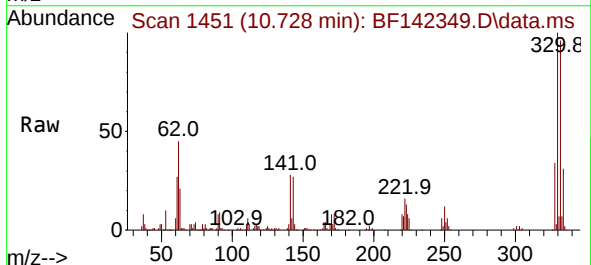
Tgt Ion:330 Resp: 298469

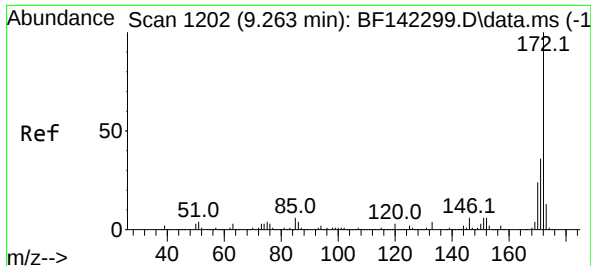
Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 29.4 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 44.201 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13

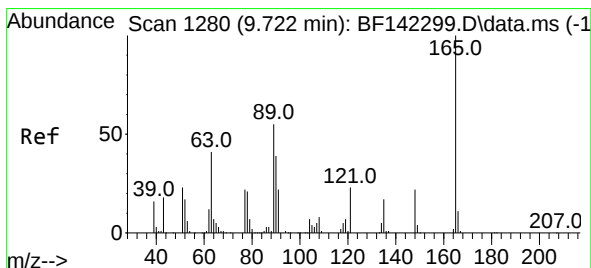
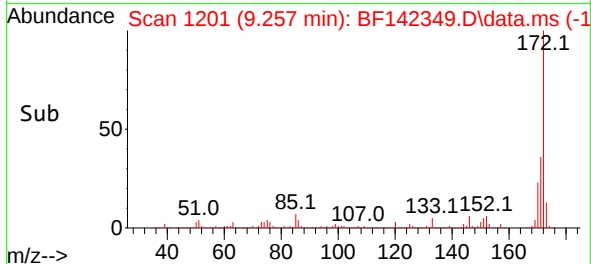
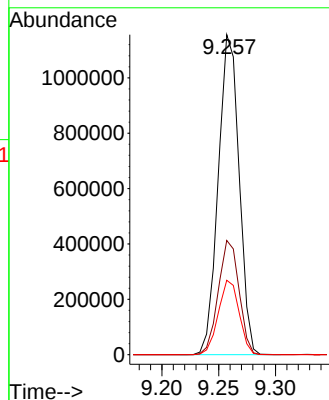
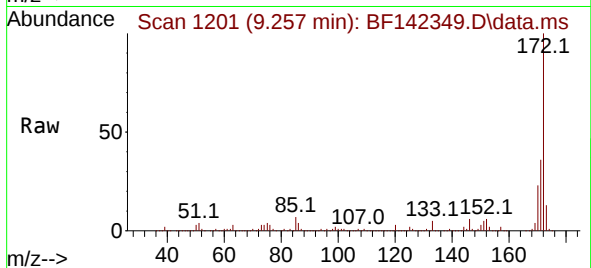
Tgt Ion:172 Resp: 1478049

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.3 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 10.871 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.218 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

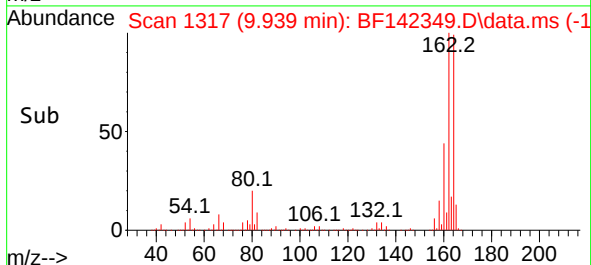
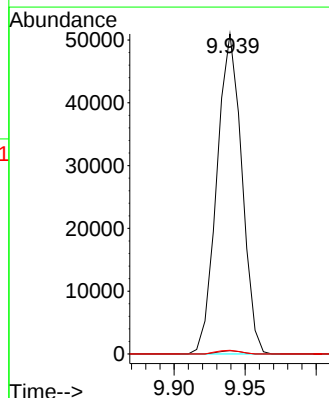
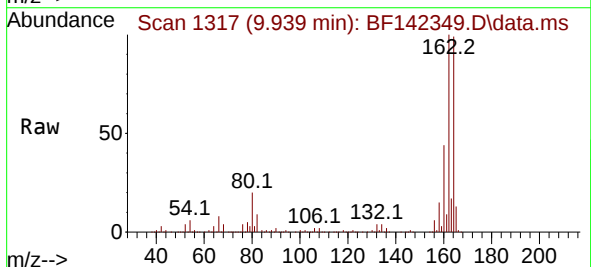
Tgt Ion:165 Resp: 62302

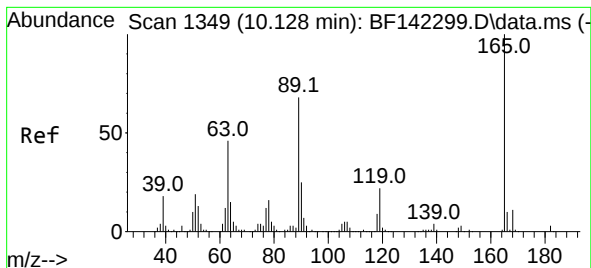
Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.1 44.6 66.8#

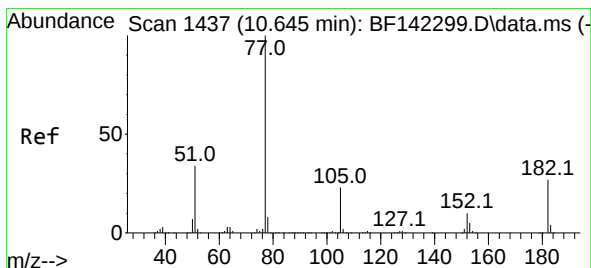
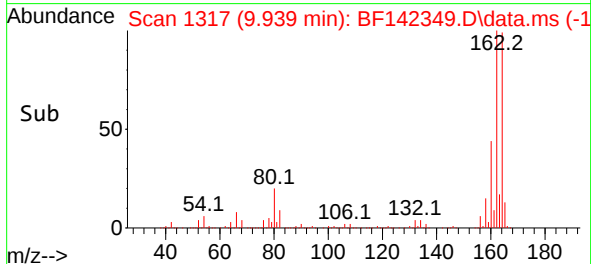
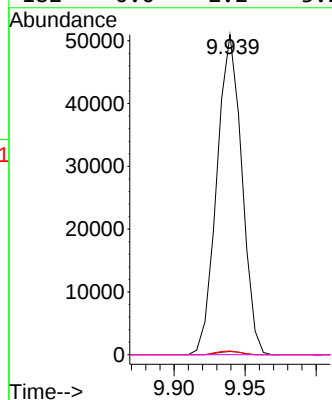
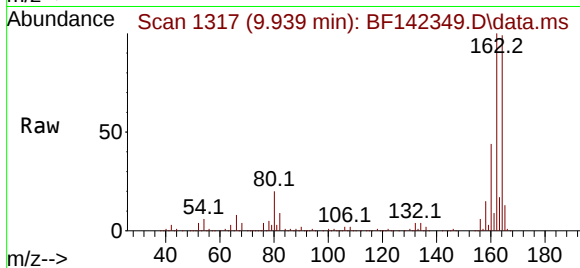




#57
2,4-Dinitrotoluene
Concen: 8.475 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

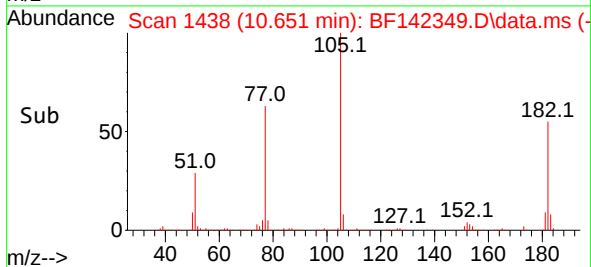
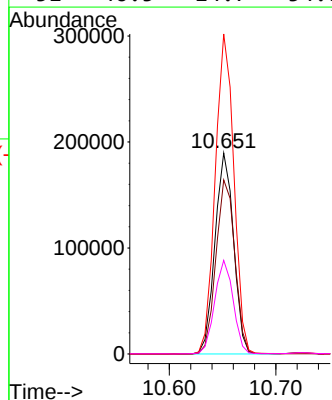
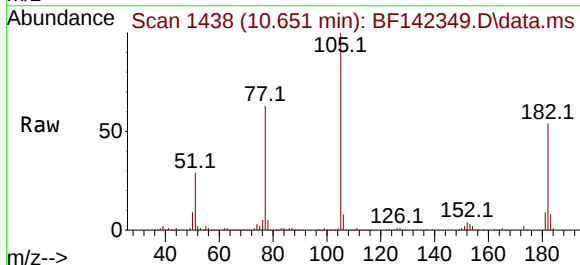
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

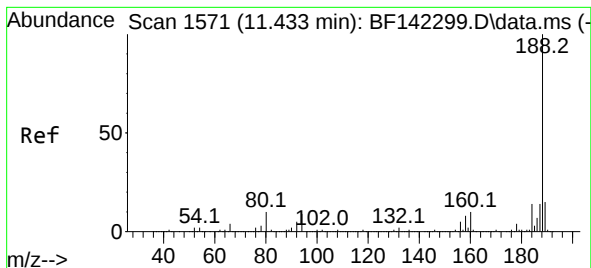
Tgt Ion:165 Resp: 62302
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 7.865 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion: 77 Resp: 229806
Ion Ratio Lower Upper
77 100
182 86.6 6.9 46.9#
105 159.2 2.7 42.7#
51 46.5 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142349.D

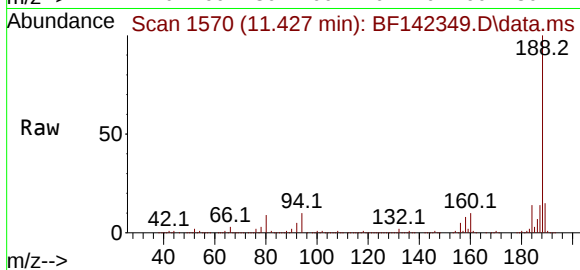
Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13



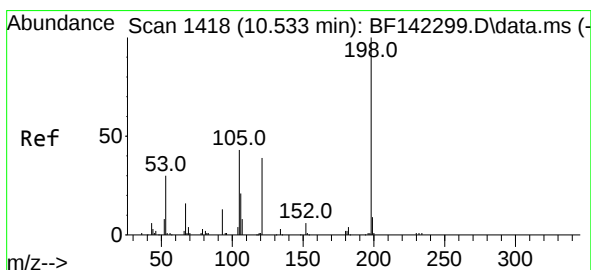
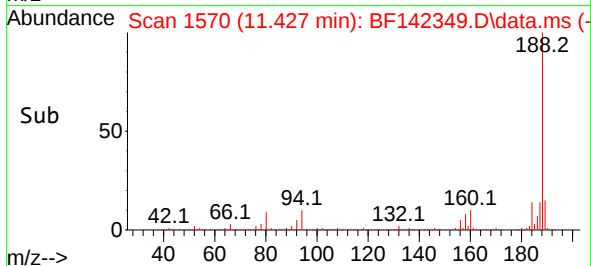
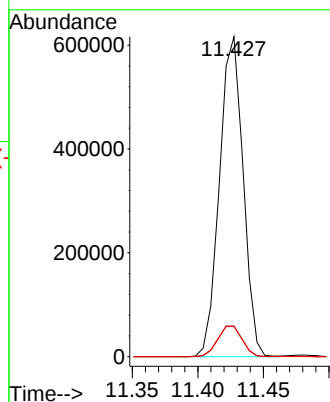
Tgt Ion:188 Resp: 772617

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.5 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 7.332 ng

RT: 10.728 min Scan# 1451

Delta R.T. 0.195 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

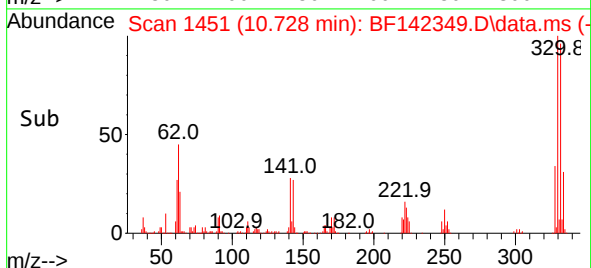
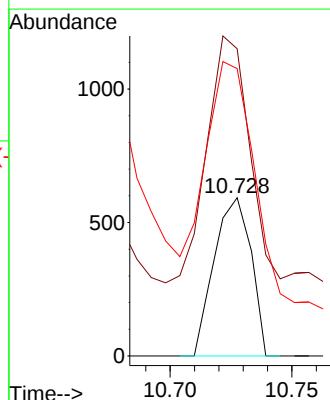
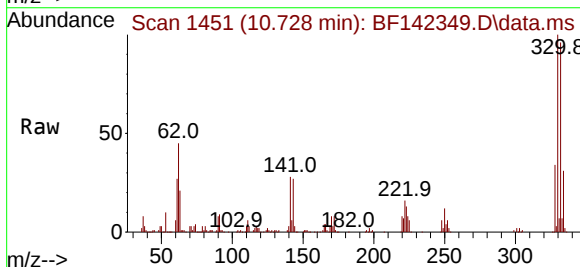
Tgt Ion:198 Resp: 622

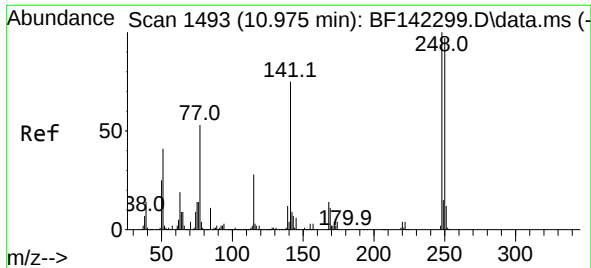
Ion Ratio Lower Upper

198 100

51 194.1 32.9 72.9#

105 181.6 23.7 63.7#

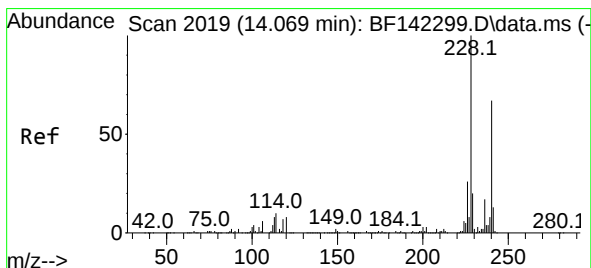
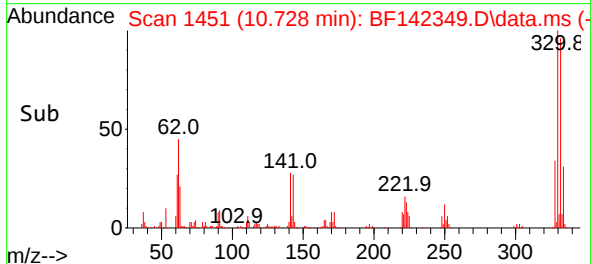
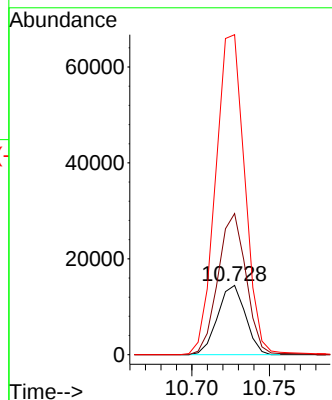
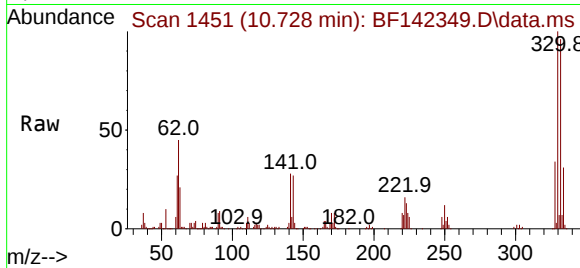




#67
4-Bromophenyl-phenylether
Concen: 2.058 ng
RT: 10.728 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

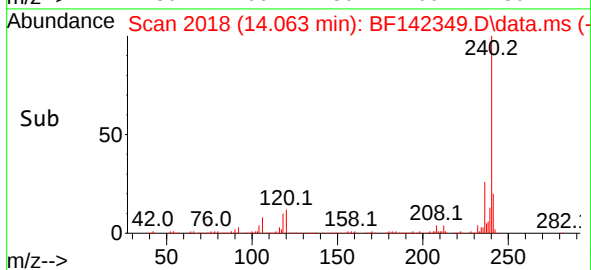
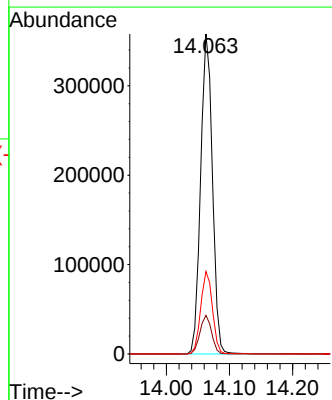
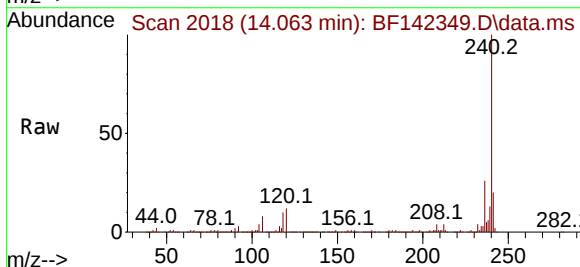
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

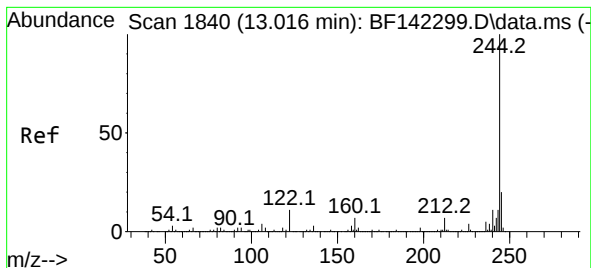
Tgt Ion:248 Resp: 18021
Ion Ratio Lower Upper
248 100
250 203.7 77.9 116.9#
141 462.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion:240 Resp: 463084
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 25.8 20.0 30.0





#79

Terphenyl-d14

Concen: 40.753 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13

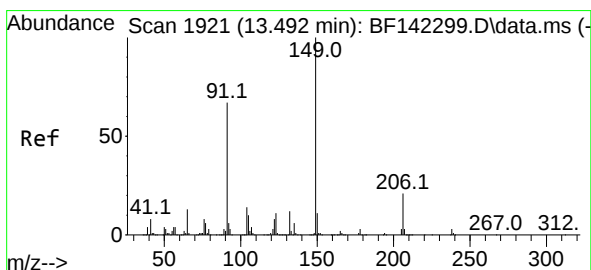
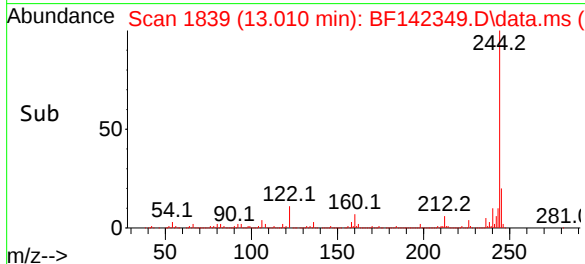
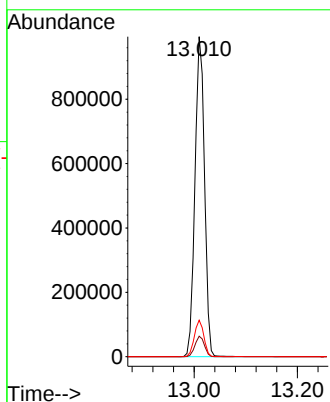
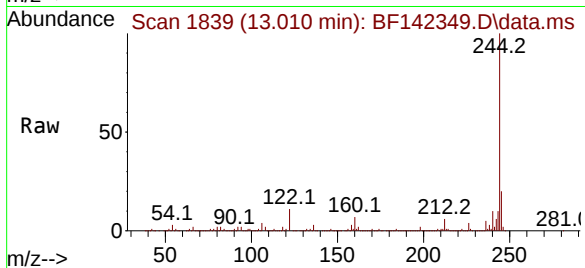
Tgt Ion:244 Resp: 1275060

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 11.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.807 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

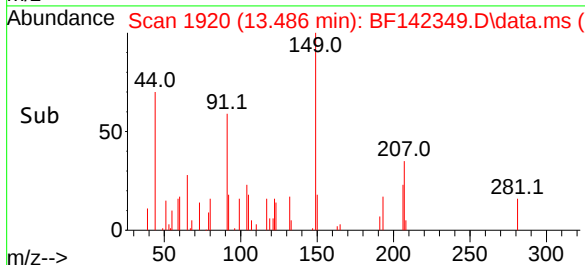
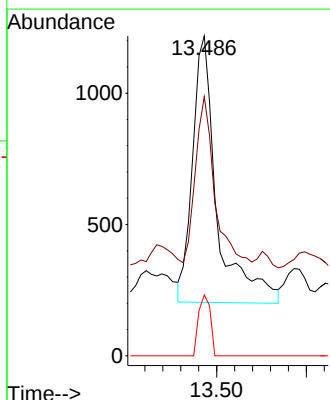
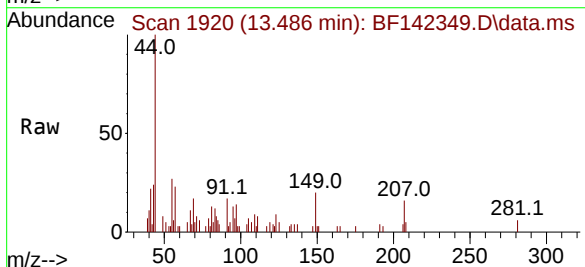
Tgt Ion:149 Resp: 1925

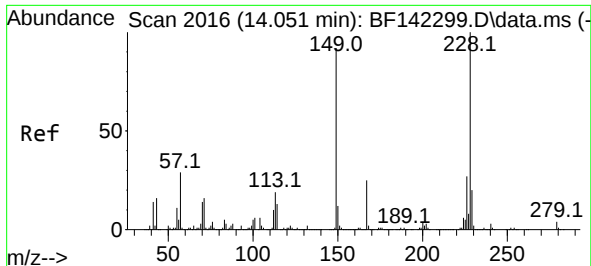
Ion Ratio Lower Upper

149 100

91 81.0 53.8 80.6#

206 19.0 16.6 24.8

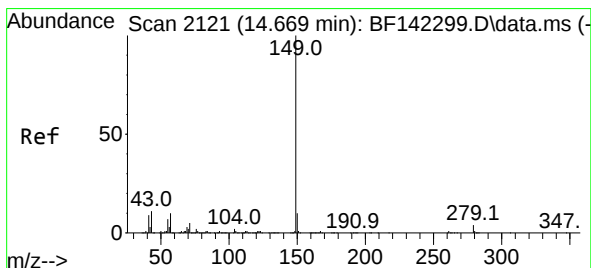
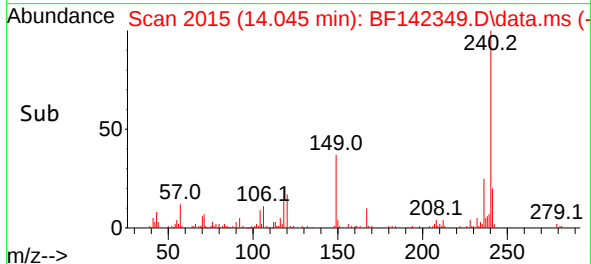
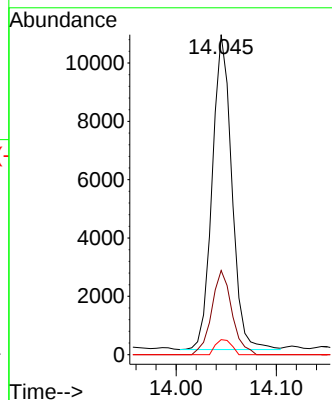
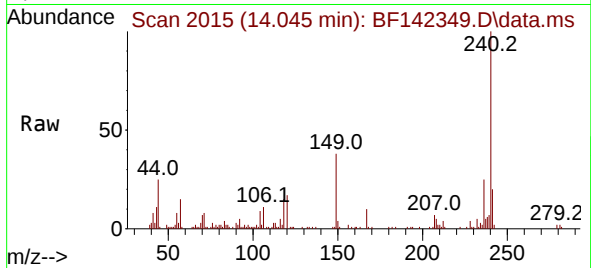




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.092 ng
 RT: 14.045 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142349.D
 Acq: 13 May 2025 17:40

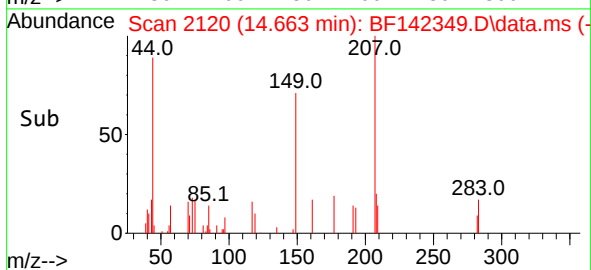
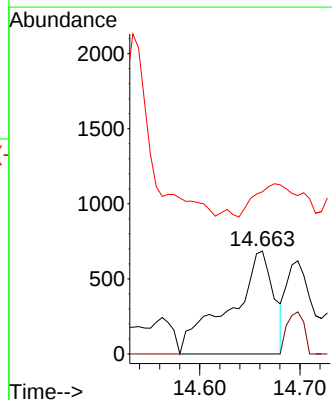
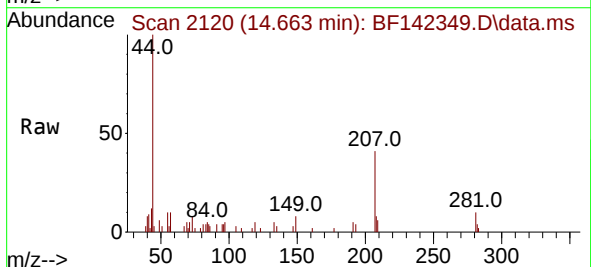
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-13

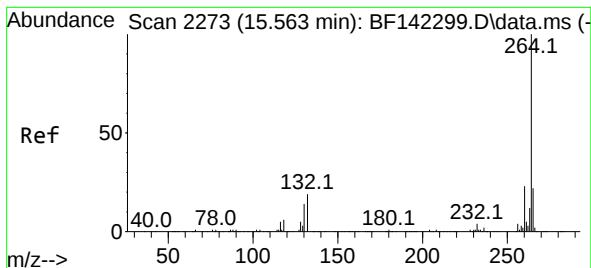
Tgt Ion:149 Resp: 14683
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.0 33.0
 279 4.7 3.0 4.6#



#85
 Di-n-octyl phthalate
 Concen: 7.901 ng
 RT: 14.663 min Scan# 2120
 Delta R.T. -0.006 min
 Lab File: BF142349.D
 Acq: 13 May 2025 17:40

Tgt Ion:149 Resp: 2071
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 33.1 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: BF142349.D

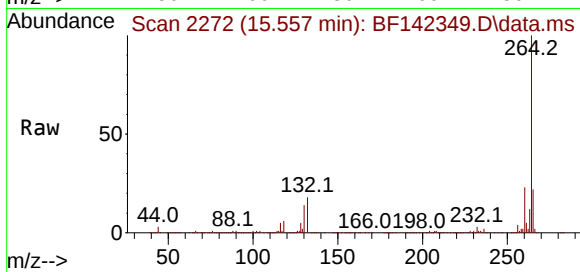
Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13



Tgt Ion:264 Resp: 477215

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3

