

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142330.D
 Acq On : 12 May 2025 20:04
 Operator : RC/JU
 Sample : Q2007-36
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-15

Quant Time: May 13 01:05:03 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)

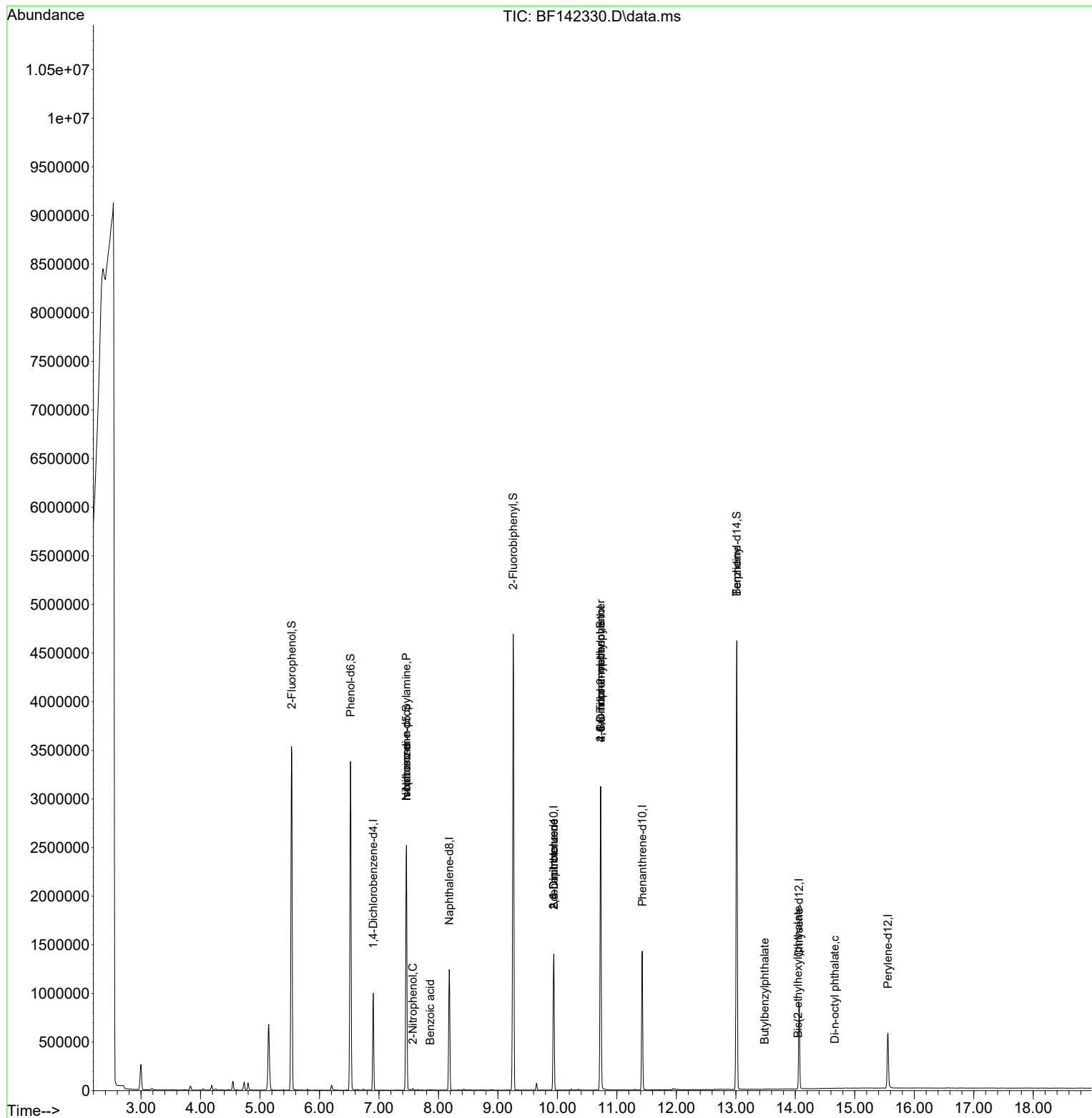
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	212887	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	811657	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	436887	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	753384	20.000	ng	0.00
76) Chrysene-d12	14.063	240	436235	20.000	ng	0.00
86) Perylene-d12	15.557	264	339187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1462370	117.263	ng	0.02
7) Phenol-d6	6.522	99	1655947	107.962	ng	0.00
23) Nitrobenzene-d5	7.463	82	1107058	83.183	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	581061	137.755	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2321493	75.767	ng	0.00
79) Terphenyl-d14	13.016	244	2322892	78.814	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	149417	15.749	ng	# 77
25) Isophorone	7.463	82	1101228	43.696	ng	# 62
26) 2-Nitrophenol	7.569	139	198	4.117	ng	# 36
32) Benzoic acid	7.863	122	2194	6.345	ng	96
51) 2,6-Dinitrotoluene	9.939	165	54772	10.430	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	54772	8.132	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1144	7.462	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	34482	4.038	ng	# 1
77) Benzidine	13.016	184	28584	3.606	ng	# 96
80) Butylbenzylphthalate	13.486	149	744	3.720	ng	# 73
84) Bis(2-ethylhexyl)phtha...	14.045	149	1222	4.312	ng	# 98
85) Di-n-octyl phthalate	14.663	149	1163	7.876	ng	# 73

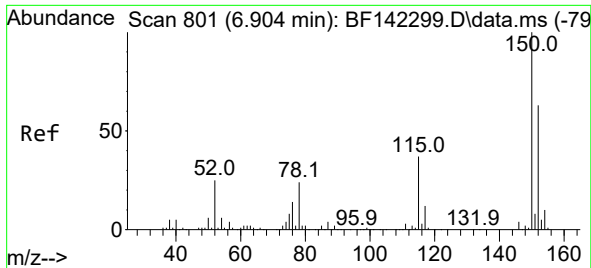
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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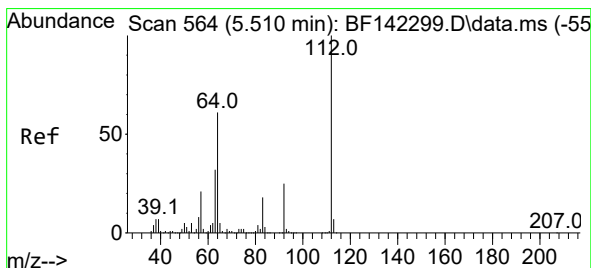
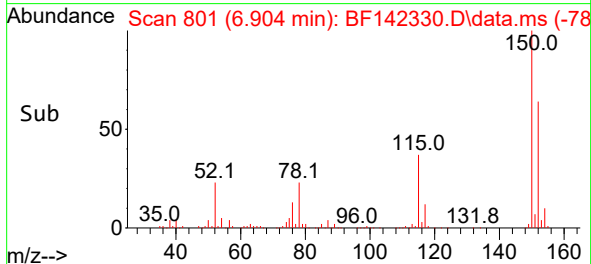
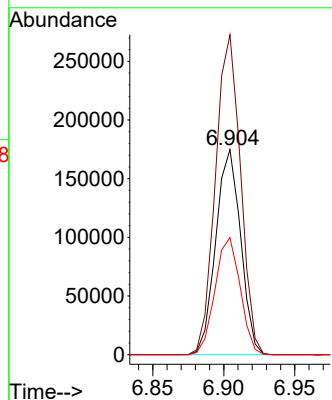
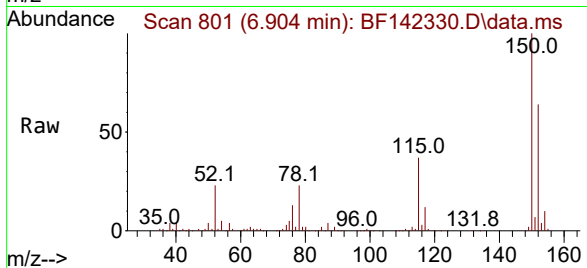




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

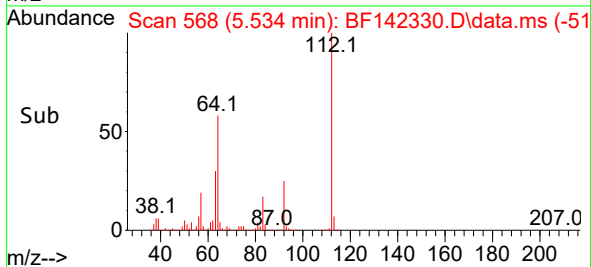
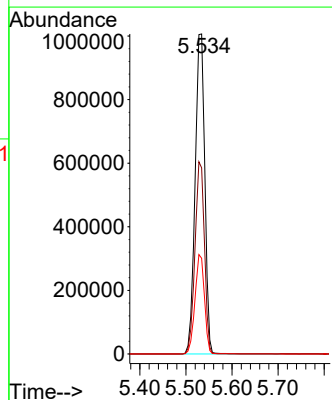
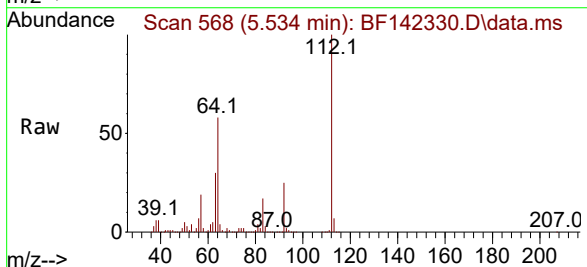
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

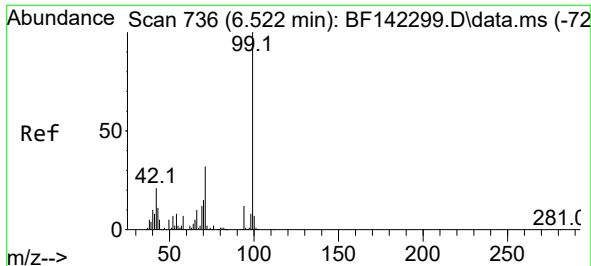
Tgt Ion:152 Resp: 212887
Ion Ratio Lower Upper
152 100
150 156.0 126.6 190.0
115 57.1 47.3 70.9



#5
2-Fluorophenol
Concen: 117.263 ng
RT: 5.534 min Scan# 568
Delta R.T. 0.024 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:112 Resp: 1462370
Ion Ratio Lower Upper
112 100
64 58.2 48.9 73.3
63 29.9 25.6 38.4

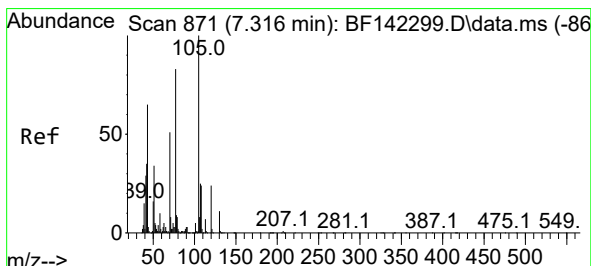
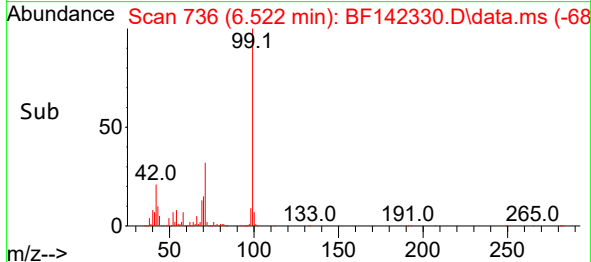
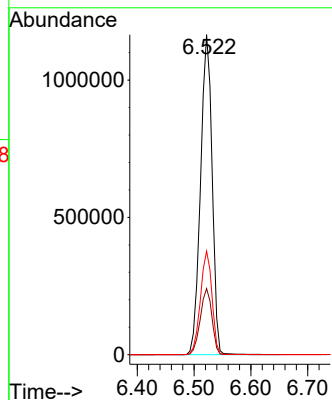
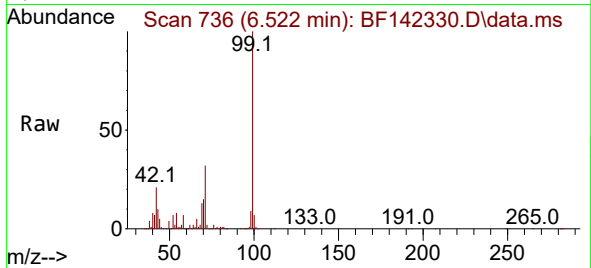




#7
Phenol-d6
Concen: 107.962 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

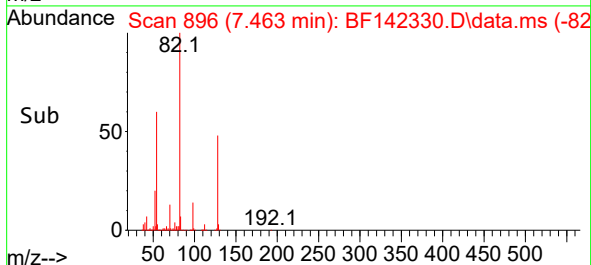
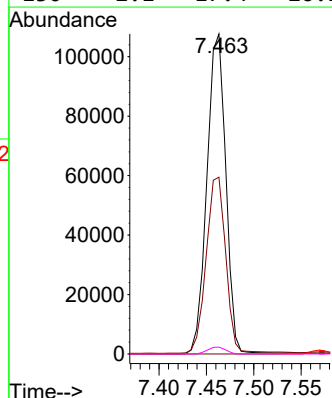
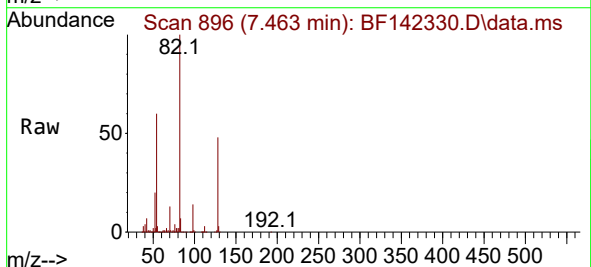
Instrument :
BNA_F
ClientSampleId :
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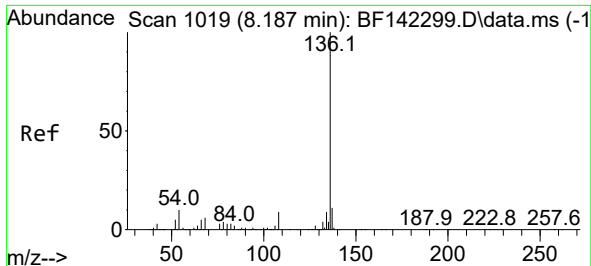
Tgt Ion: 99 Resp: 1655947
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 32.3 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.749 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion: 70 Resp: 149417
Ion Ratio Lower Upper
70 100
42 55.2 54.8 82.2
101 0.0 7.7 11.5#
130 2.1 17.4 26.2#

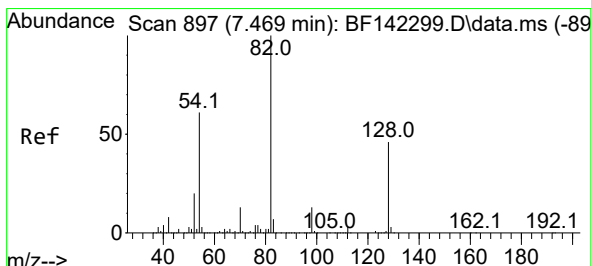
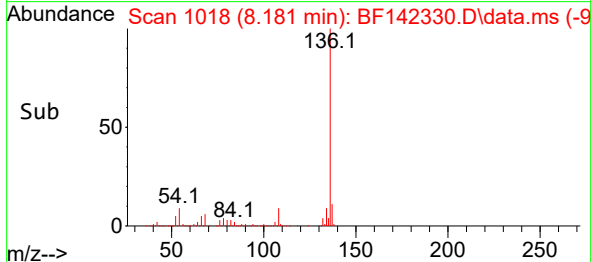
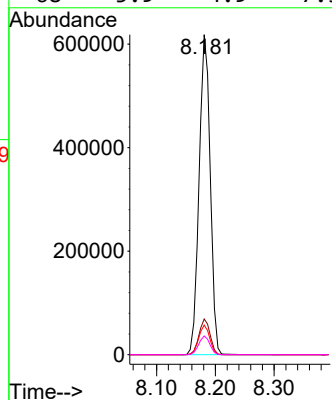
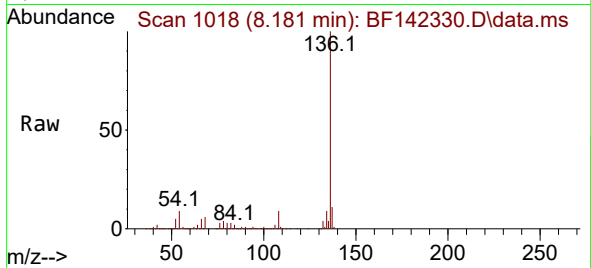




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

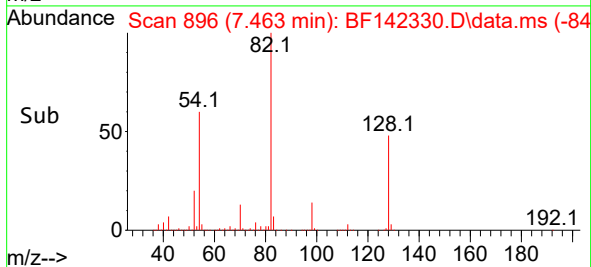
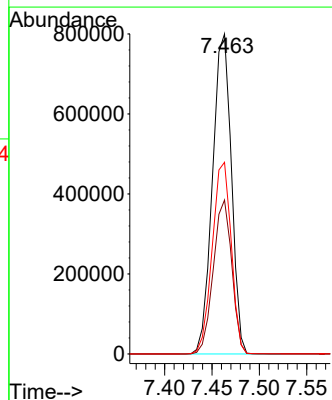
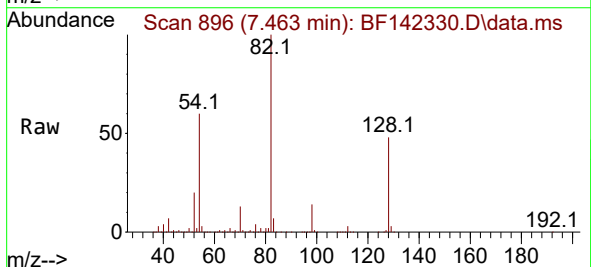
Instrument :
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ClientSampleId :
OR-636-COMP-15

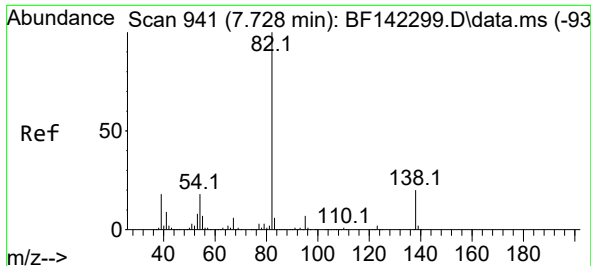
Tgt Ion:	136	Resp:	811657
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.183 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:	82	Resp:	1107058
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.0	55.6
54	59.9	48.6	73.0

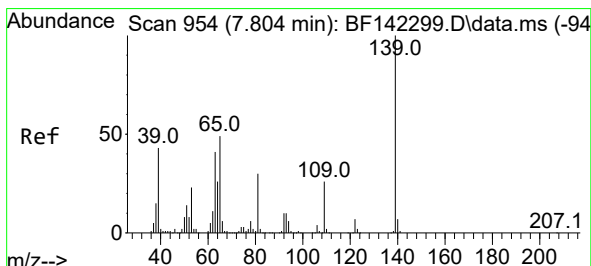
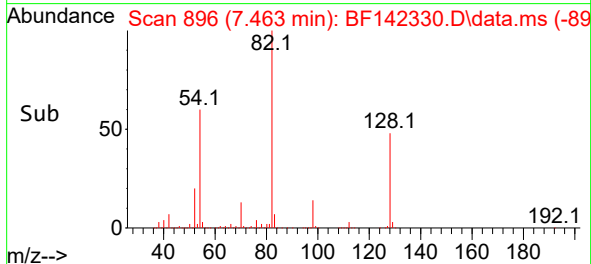
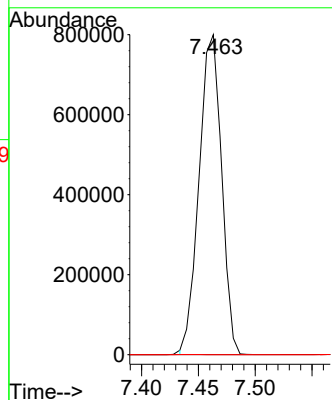
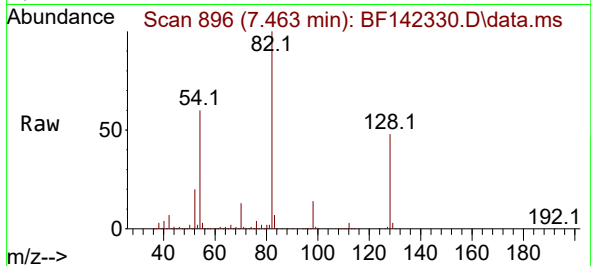




#25
Isophorone
Concen: 43.696 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

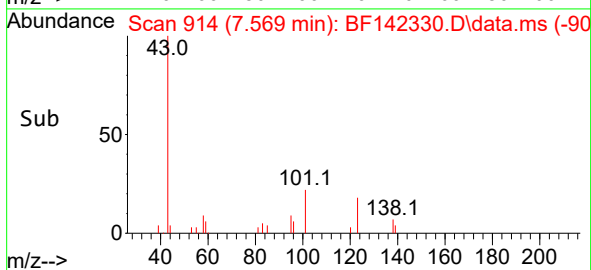
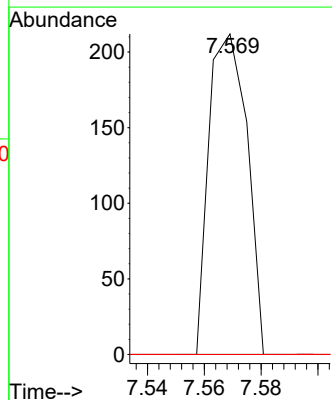
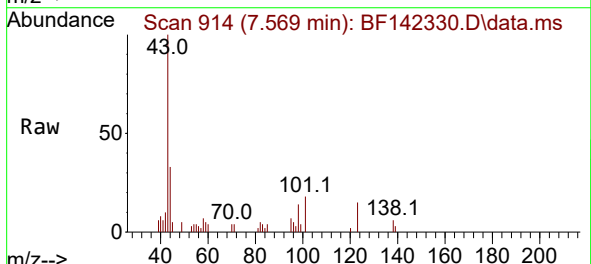
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OR-636-COMP-15

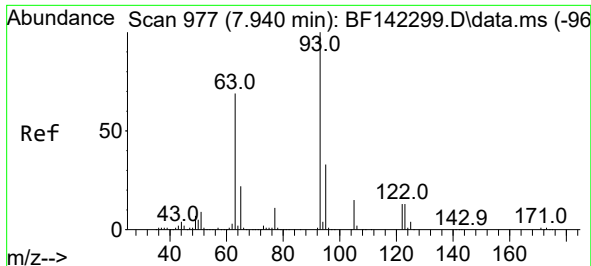
Tgt Ion: 82 Resp: 1101228
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.117 ng
RT: 7.569 min Scan# 914
Delta R.T. -0.235 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:139 Resp: 198
Ion Ratio Lower Upper
139 100
109 0.0 20.8 31.2#
65 0.0 38.9 58.3#

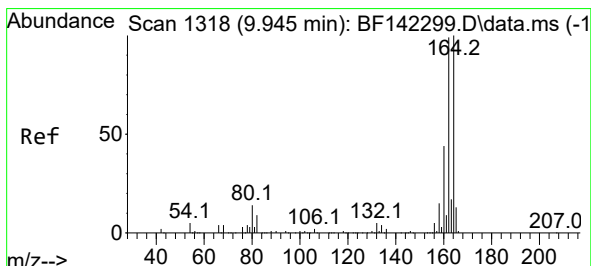
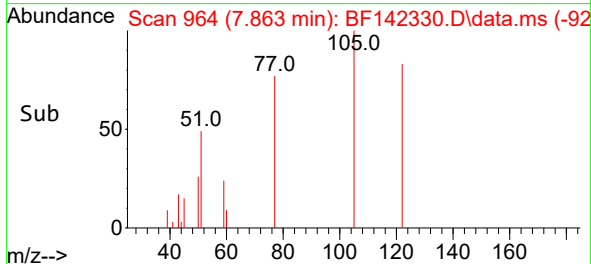
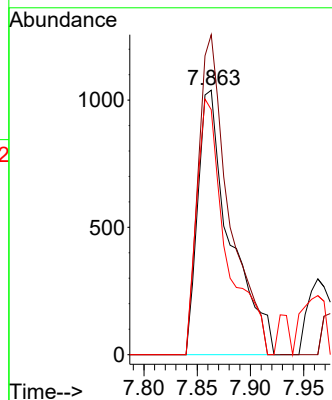
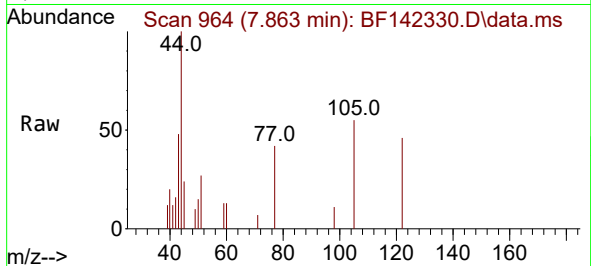




#32
Benzoic acid
Concen: 6.345 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.077 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

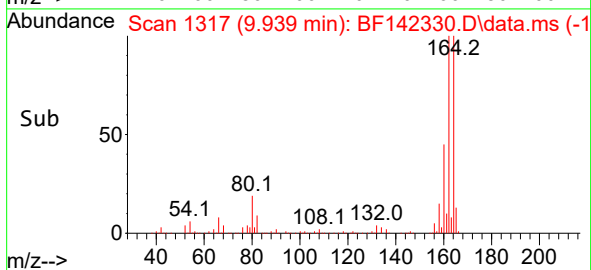
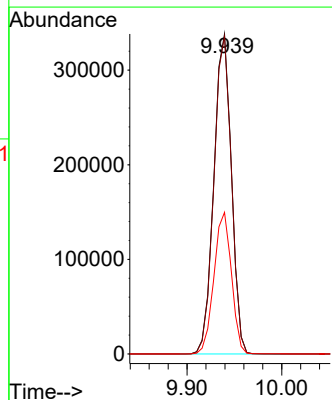
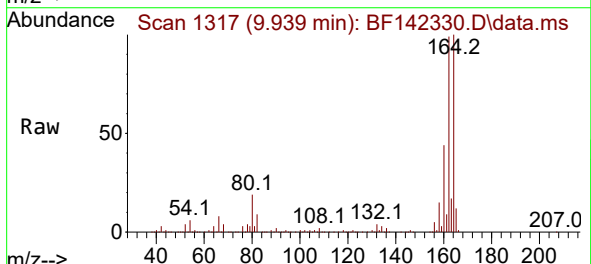
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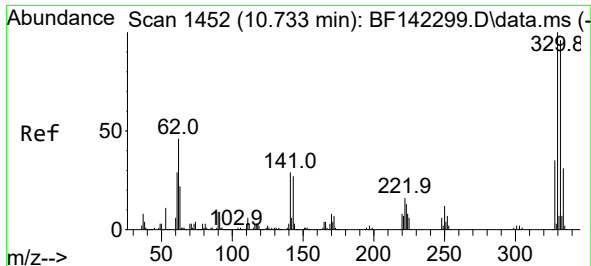
Tgt Ion:122 Resp: 2194
Ion Ratio Lower Upper
122 100
105 121.0 97.9 137.9
77 92.6 67.7 107.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:164 Resp: 436887
Ion Ratio Lower Upper
164 100
162 99.3 79.2 118.8
160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 137.755 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142330.D

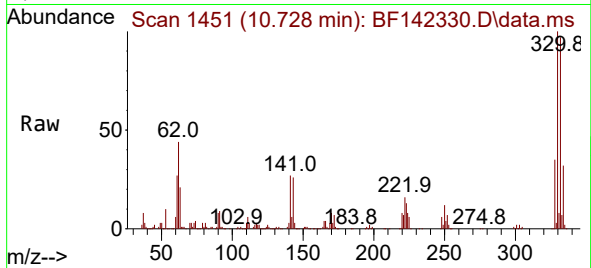
Acq: 12 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15



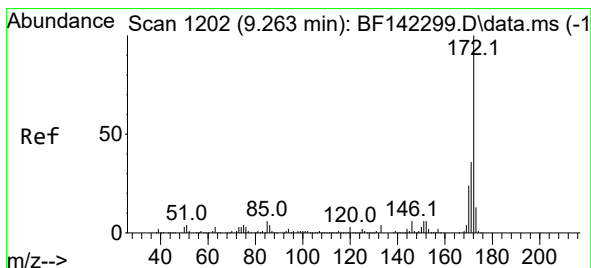
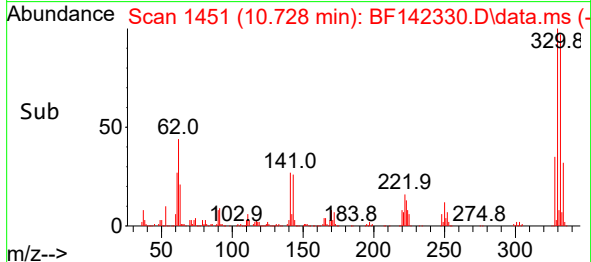
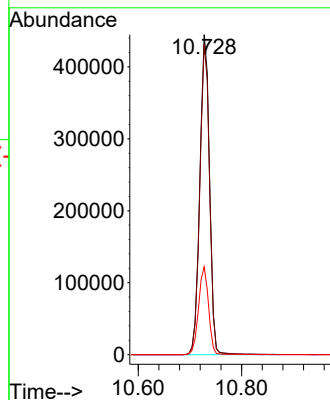
Tgt Ion:330 Resp: 581061

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 28.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 75.767 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

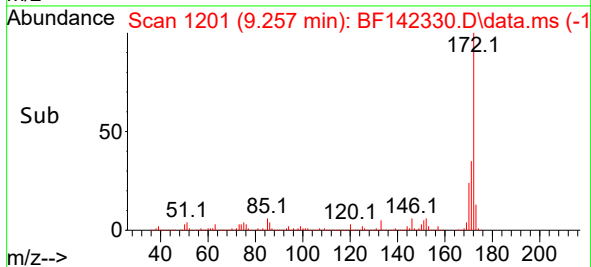
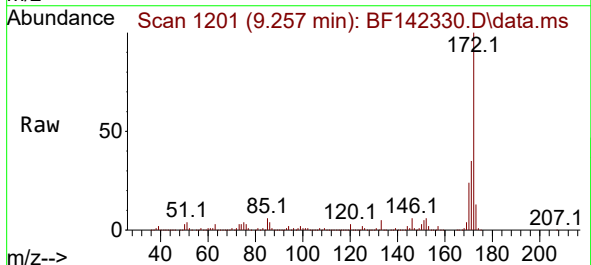
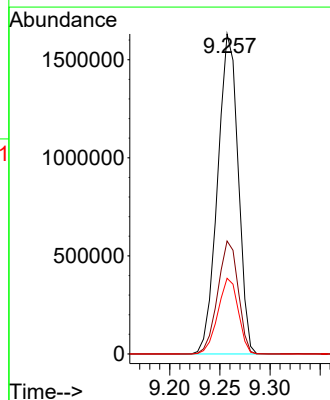
Tgt Ion:172 Resp: 2321493

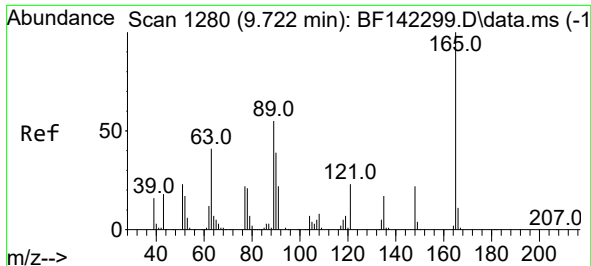
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.7 19.0 28.4

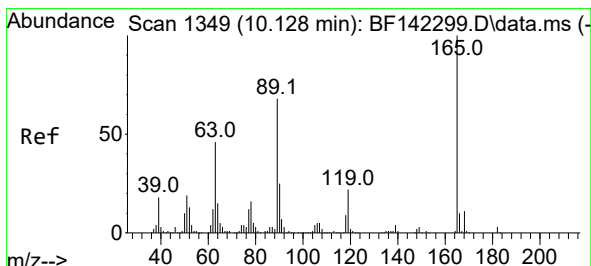
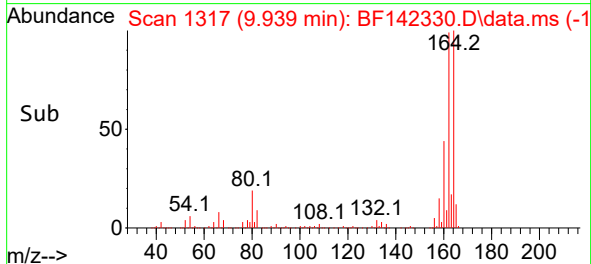
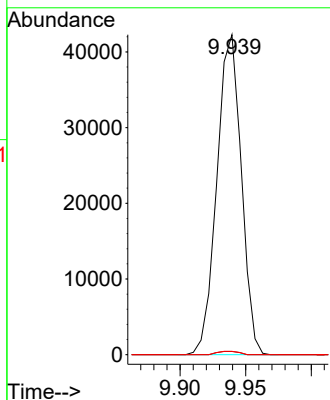
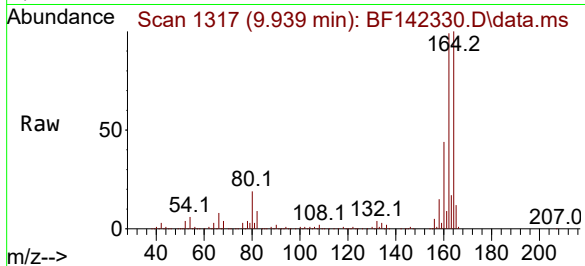




#51
2,6-Dinitrotoluene
Concen: 10.430 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

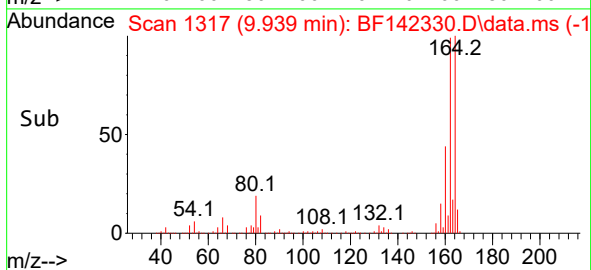
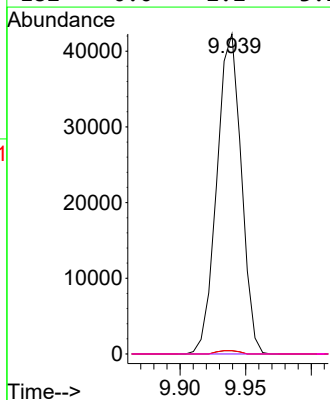
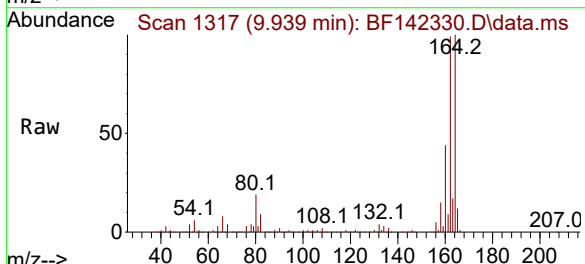
Instrument :
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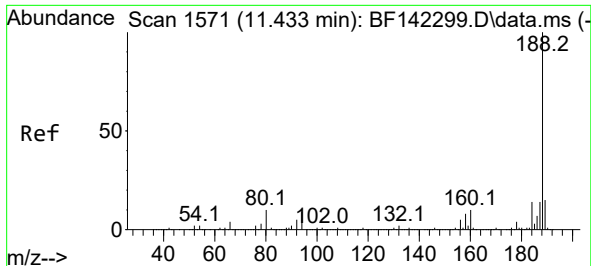
Tgt Ion:165 Resp: 54772
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.1 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.132 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:165 Resp: 54772
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#

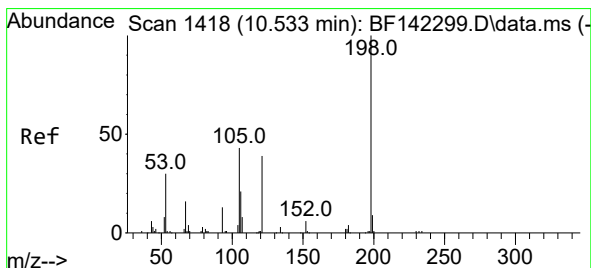
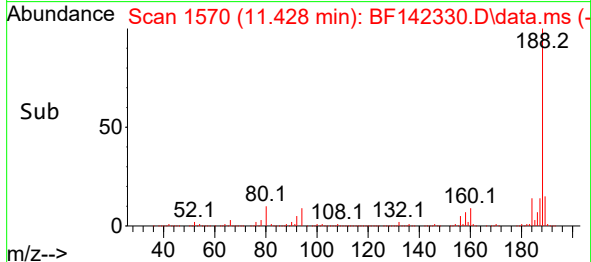
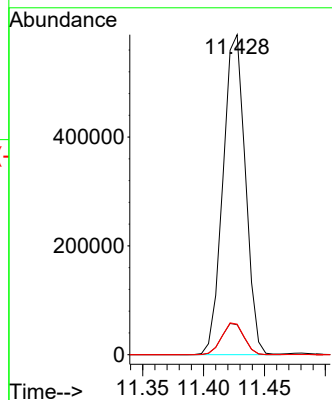
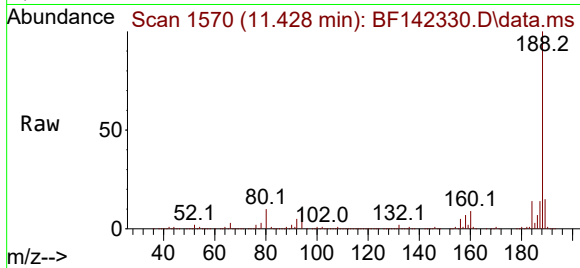




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

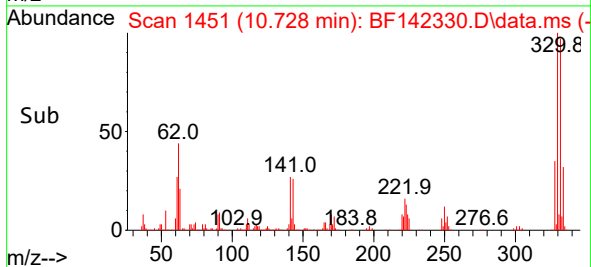
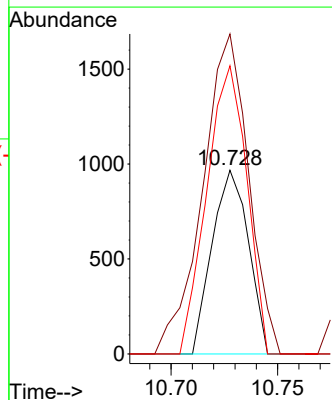
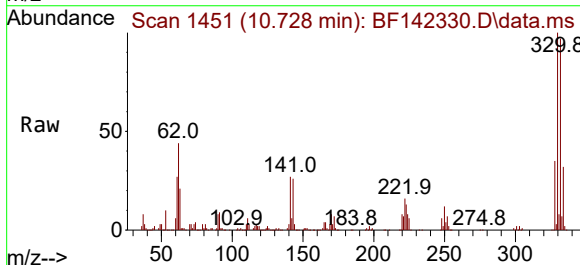
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

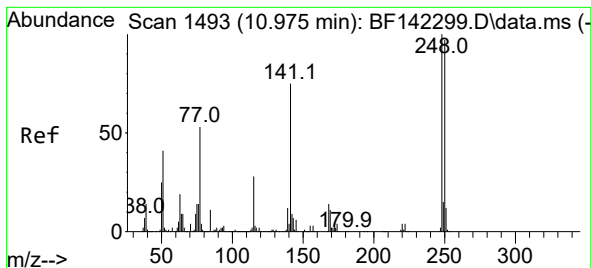
Tgt Ion:188 Resp: 753384
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.462 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.195 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:198 Resp: 1144
Ion Ratio Lower Upper
198 100
51 174.3 32.9 72.9#
105 156.9 23.7 63.7#

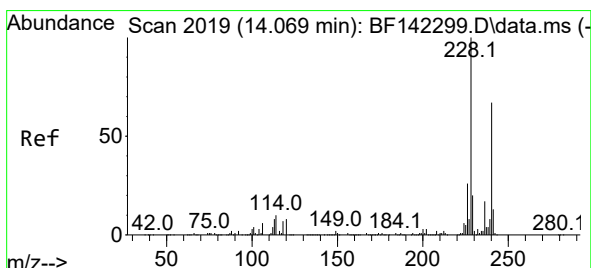
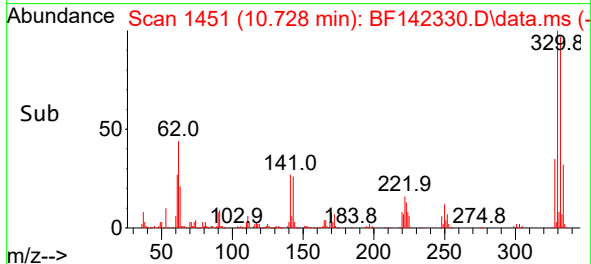
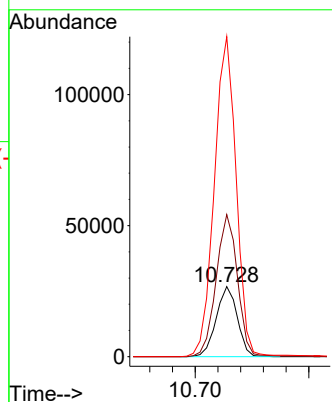
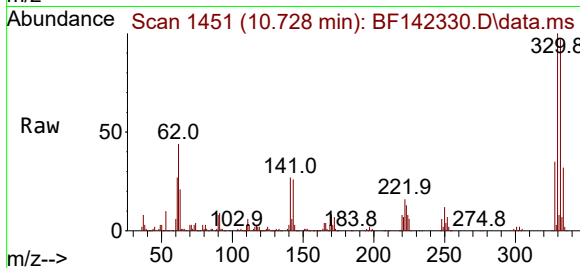




#67
4-Bromophenyl-phenylether
Concen: 4.038 ng
RT: 10.728 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

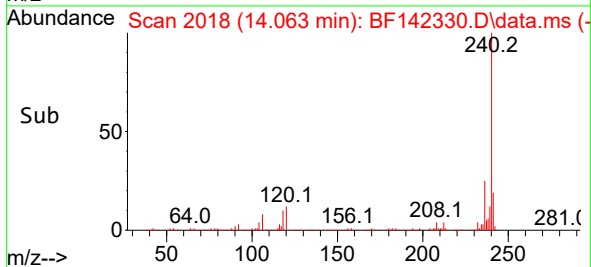
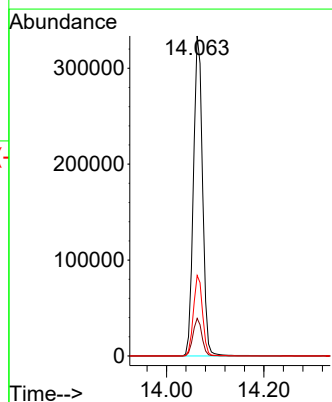
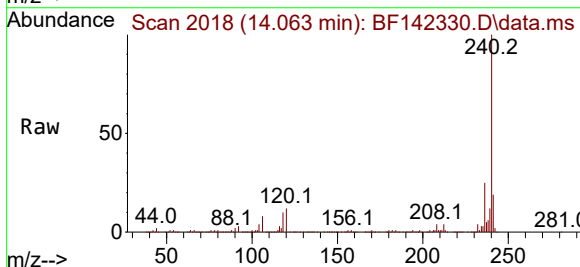
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

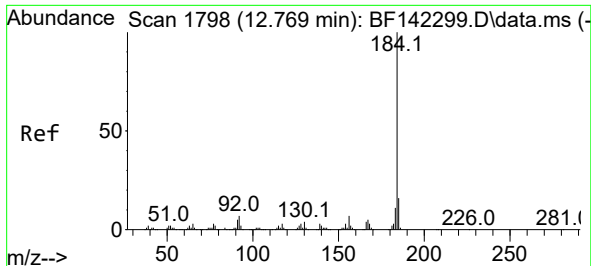
Tgt Ion:248 Resp: 34482
Ion Ratio Lower Upper
248 100
250 202.8 77.9 116.9#
141 456.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:240 Resp: 436235
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.1 20.0 30.0

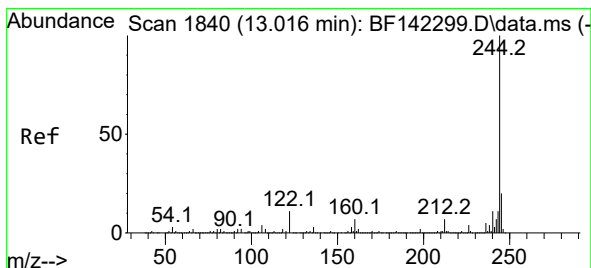
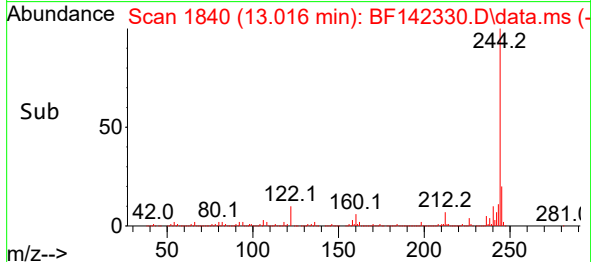
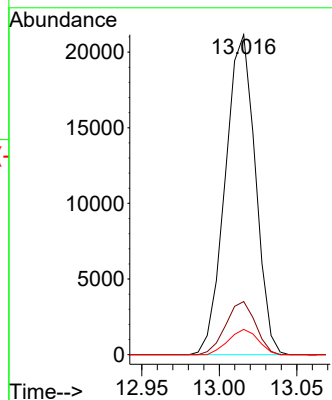
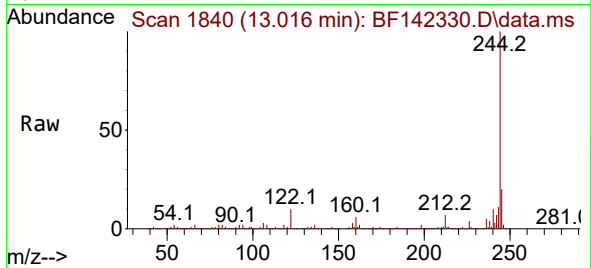




#77
Benzidine
Concen: 3.606 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

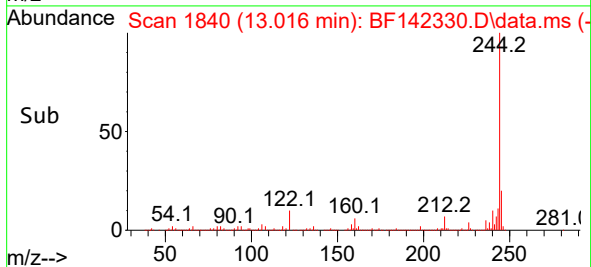
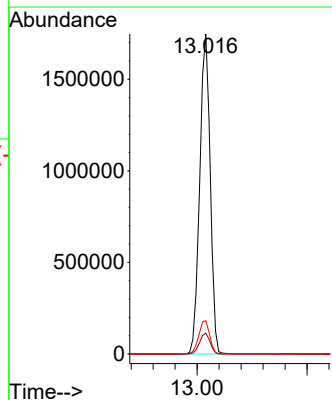
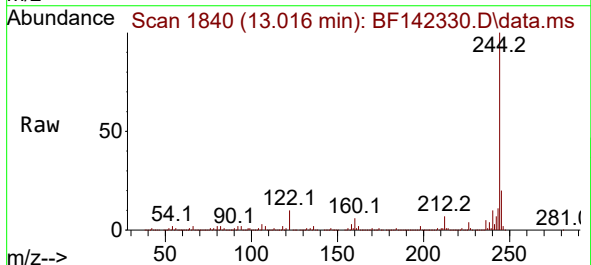
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

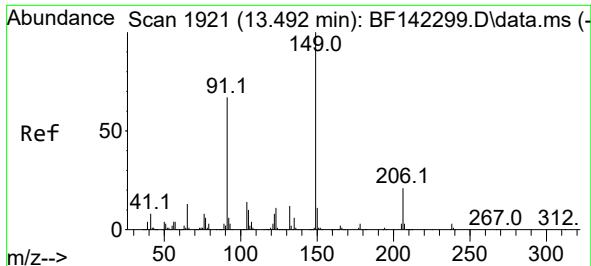
Tgt Ion:184 Resp: 28584
Ion Ratio Lower Upper
184 100
185 16.6 12.6 18.8
183 7.9 8.6 12.8#



#79
Terphenyl-d14
Concen: 78.814 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:244 Resp: 2322892
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.4 9.0 13.4

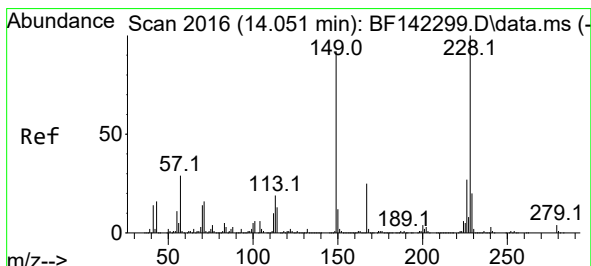
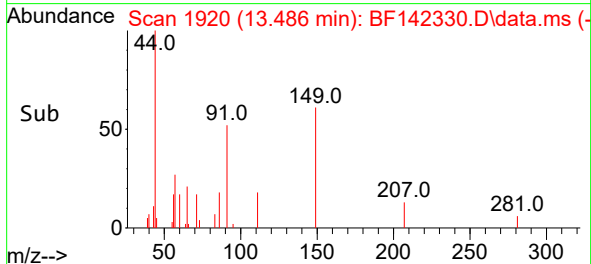
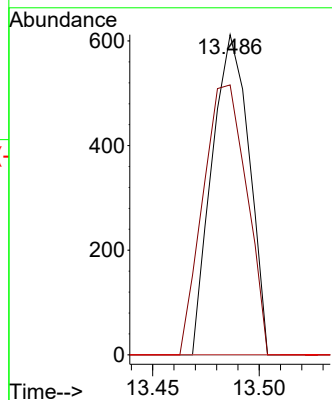
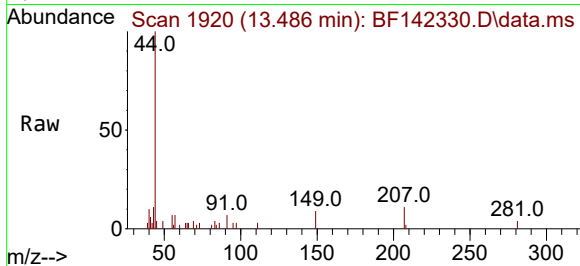




#80
Butylbenzylphthalate
Concen: 3.720 ng
RT: 13.486 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

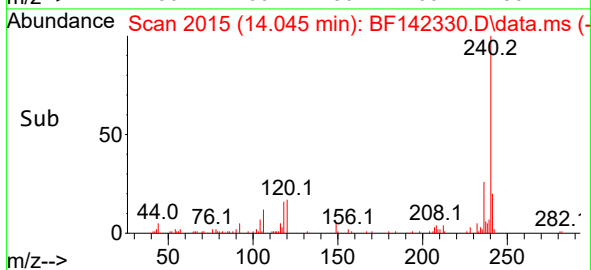
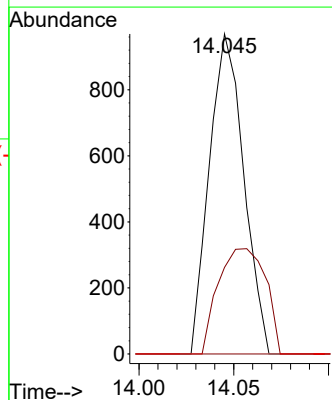
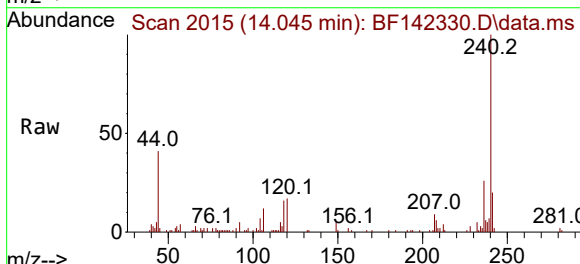
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-15

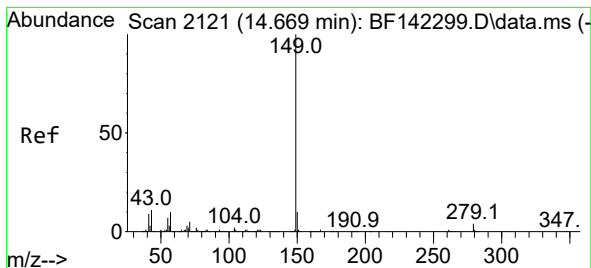
Tgt Ion:149 Resp: 744
Ion Ratio Lower Upper
149 100
91 84.3 53.8 80.6#
206 0.0 16.6 24.8#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.312 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142330.D
Acq: 12 May 2025 20:04

Tgt Ion:149 Resp: 1222
Ion Ratio Lower Upper
149 100
167 27.0 22.0 33.0
279 0.0 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.876 ng

RT: 14.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-15

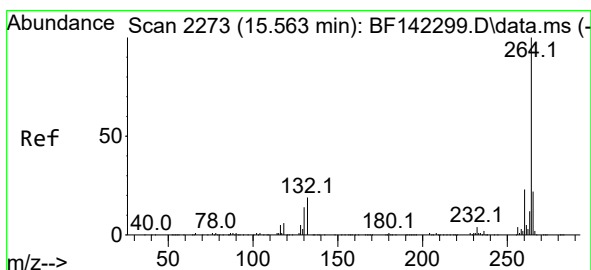
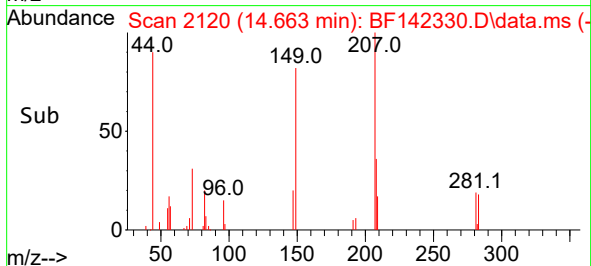
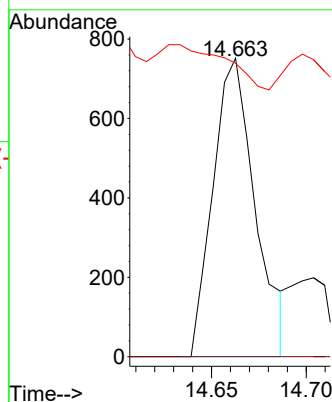
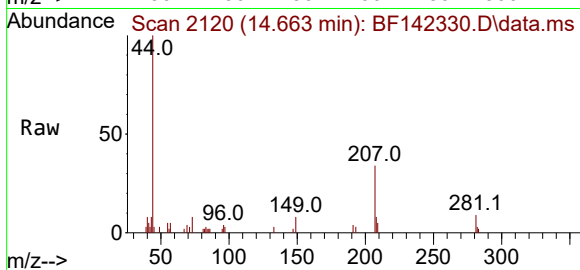
Tgt Ion:149 Resp: 1163

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# 2272

Delta R.T. -0.006 min

Lab File: BF142330.D

Acq: 12 May 2025 20:04

Tgt Ion:264 Resp: 339187

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.4 17.5 26.3

