

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142329.D
 Acq On : 12 May 2025 19:35
 Operator : RC/JU
 Sample : Q2007-30
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-14

Quant Time: May 13 01:04:47 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)

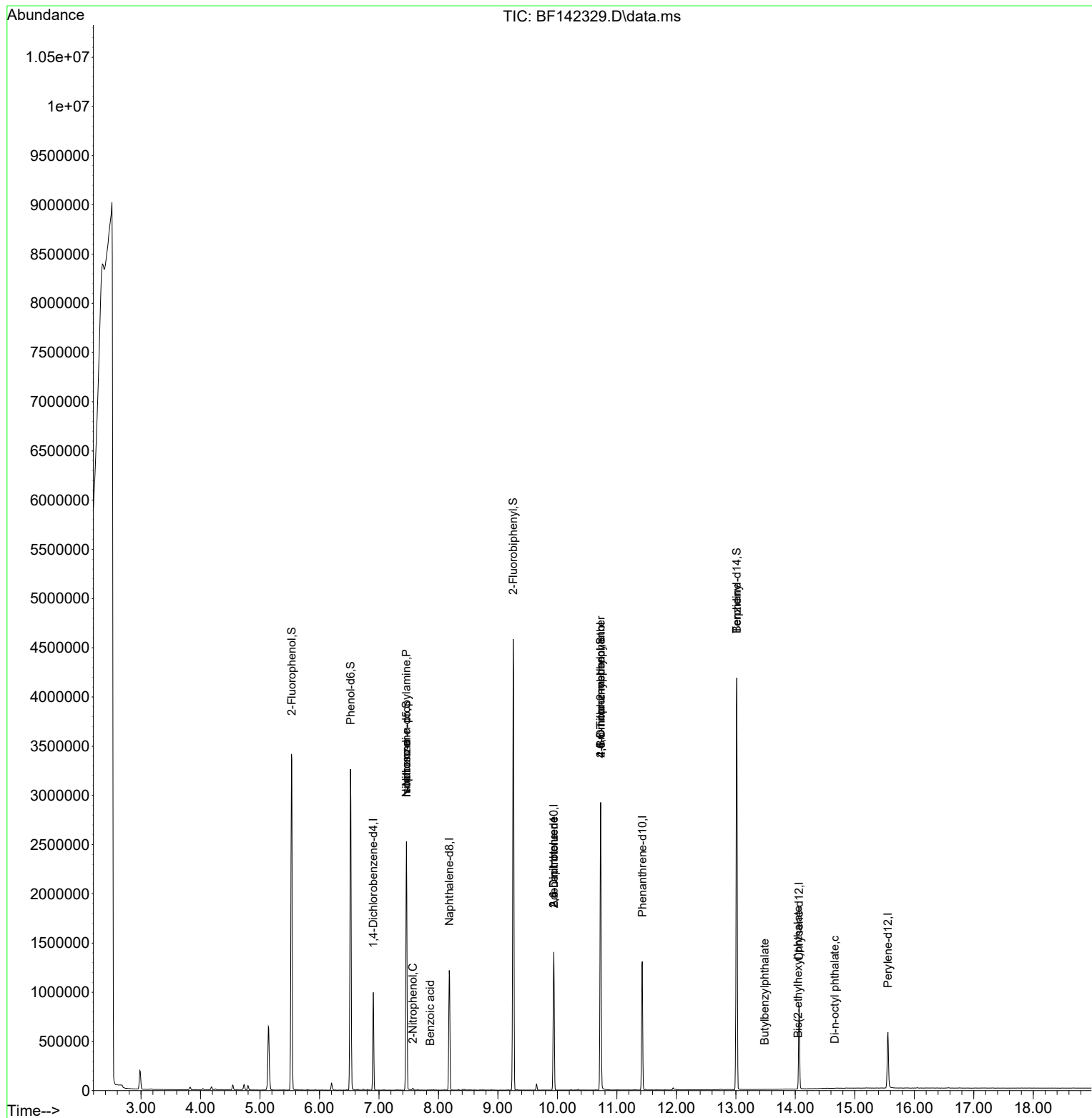
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	208786	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	788905	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	418629	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	685643	20.000	ng	0.00
76) Chrysene-d12	14.062	240	409072	20.000	ng	0.00
86) Perylene-d12	15.556	264	337709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1409929	115.279	ng	0.02
7) Phenol-d6	6.522	99	1578129	104.910	ng	0.00
23) Nitrobenzene-d5	7.463	82	1057007	81.713	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	539324	133.437	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2162250	73.648	ng	0.00
79) Terphenyl-d14	13.015	244	2117652	76.621	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	142089	15.270	ng	# 78
25) Isophorone	7.463	82	1053653	43.014	ng	# 62
26) 2-Nitrophenol	7.569	139	216	4.121	ng	# 36
32) Benzoic acid	7.863	122	615	6.110	ng	# 90
51) 2,6-Dinitrotoluene	9.939	165	54092	10.750	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	54092	8.381	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.727	198	944	7.436	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	31529	4.057	ng	# 1
77) Benzidine	13.015	184	25665	3.452	ng	# 96
80) Butylbenzylphthalate	13.486	149	345	3.689	ng	# 82
84) Bis(2-ethylhexyl)phtha...	14.045	149	837	4.292	ng	# 98
85) Di-n-octyl phthalate	14.662	149	705	7.863	ng	# 1

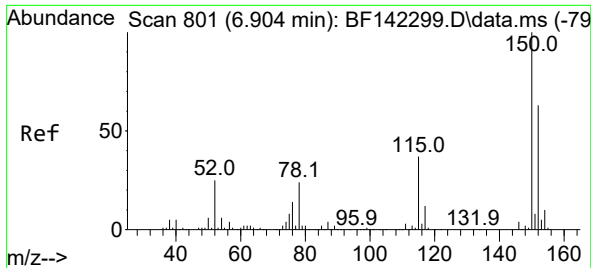
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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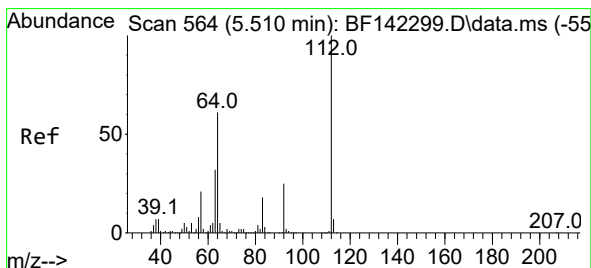
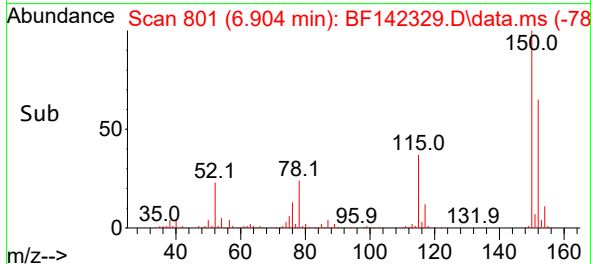
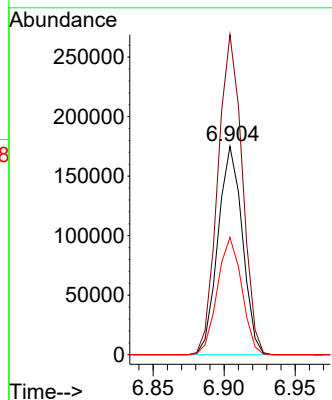
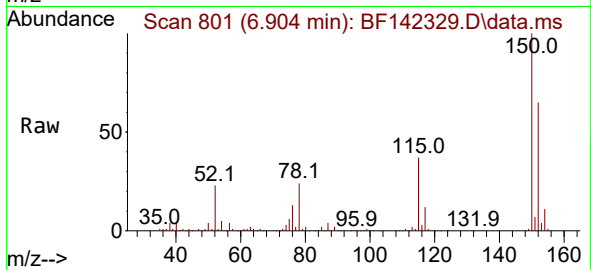




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

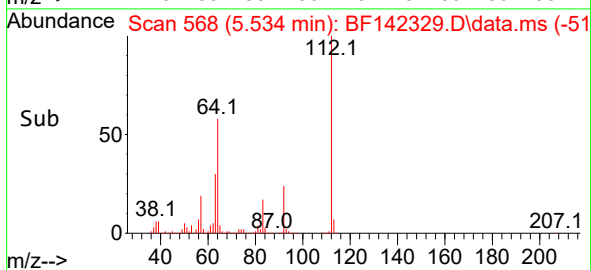
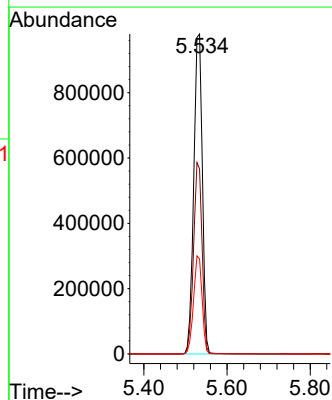
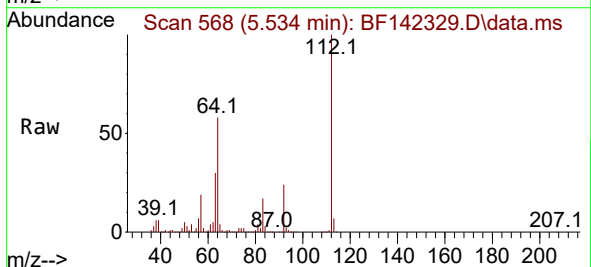
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

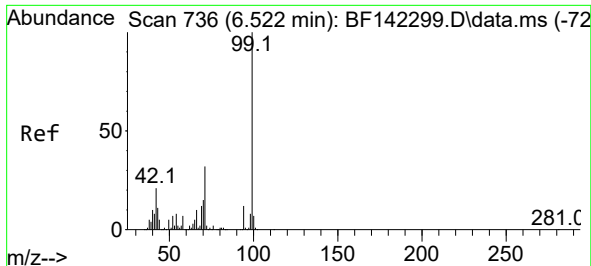
Tgt Ion:152 Resp: 208786
Ion Ratio Lower Upper
152 100
150 153.6 126.6 190.0
115 56.3 47.3 70.9



#5
2-Fluorophenol
Concen: 115.279 ng
RT: 5.534 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:112 Resp: 1409929
Ion Ratio Lower Upper
112 100
64 57.9 48.9 73.3
63 29.7 25.6 38.4

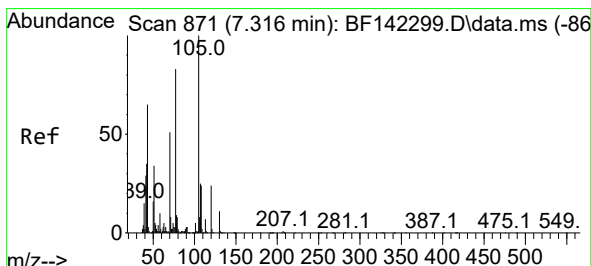
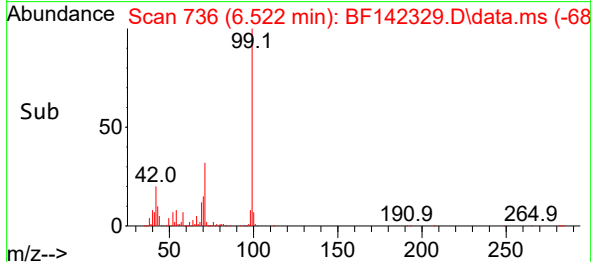
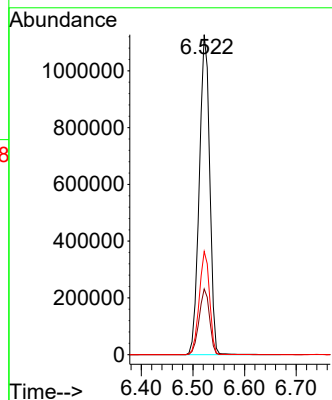
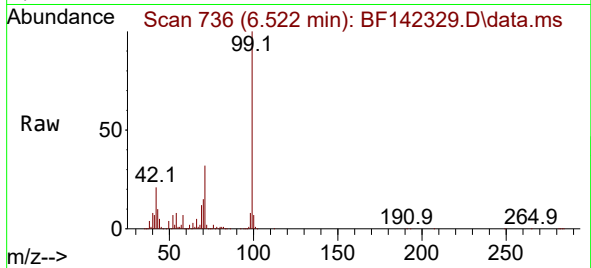




#7
Phenol-d6
Concen: 104.910 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

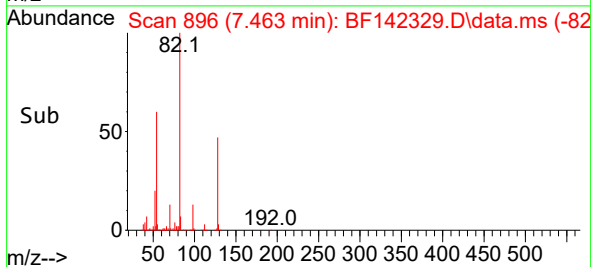
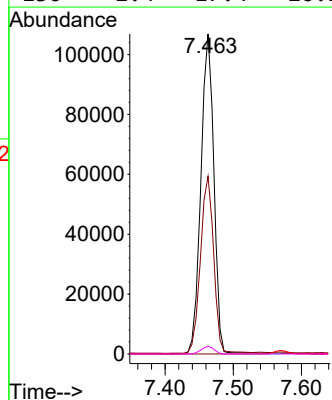
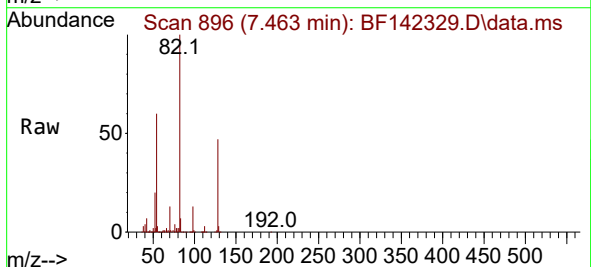
Instrument :
BNA_F
ClientSampleId :
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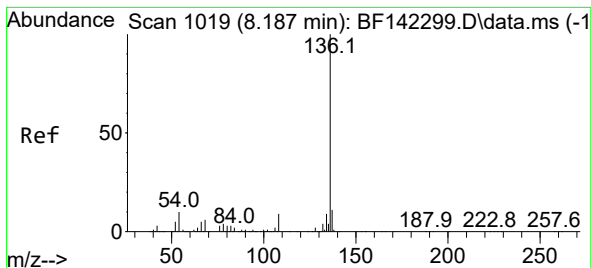
Tgt Ion: 99 Resp: 1578129
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 32.3 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.270 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion: 70 Resp: 142089
Ion Ratio Lower Upper
70 100
42 55.5 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: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-14

Tgt Ion:136 Resp: 788905

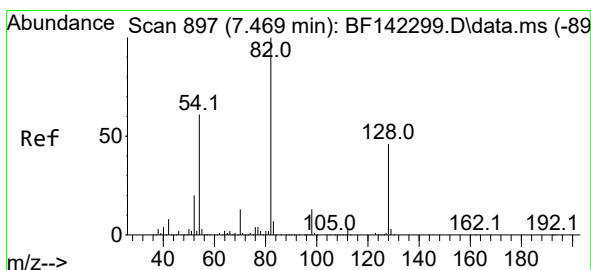
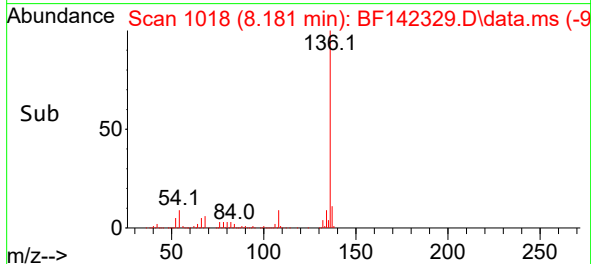
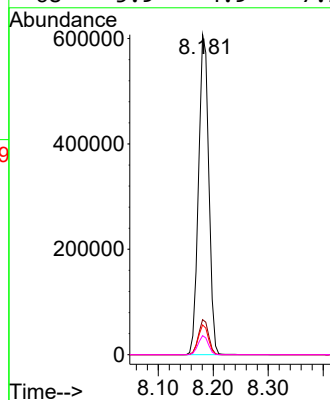
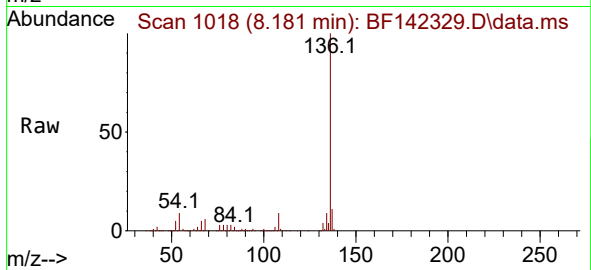
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 7.7 11.5

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.713 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

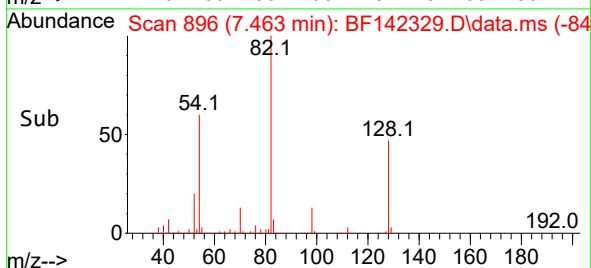
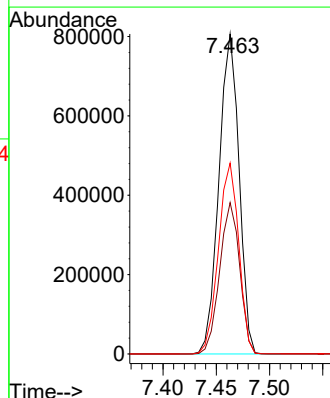
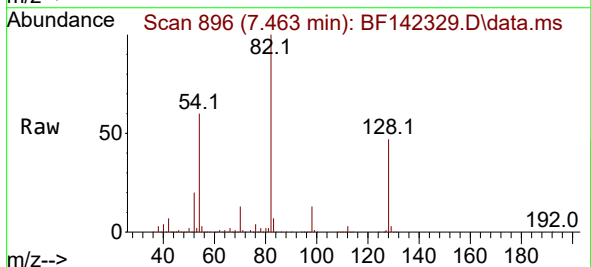
Tgt Ion: 82 Resp: 1057007

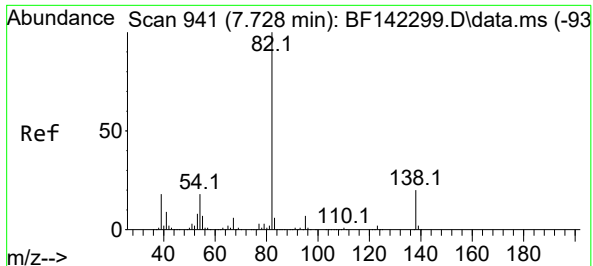
Ion Ratio Lower Upper

82 100

128 47.3 37.0 55.6

54 59.6 48.6 73.0

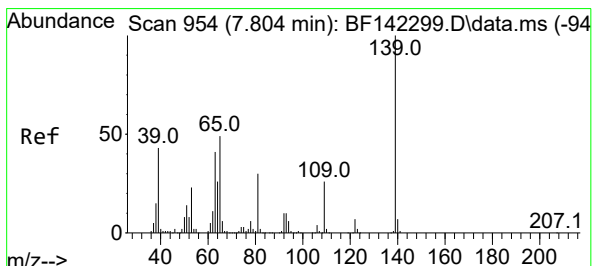
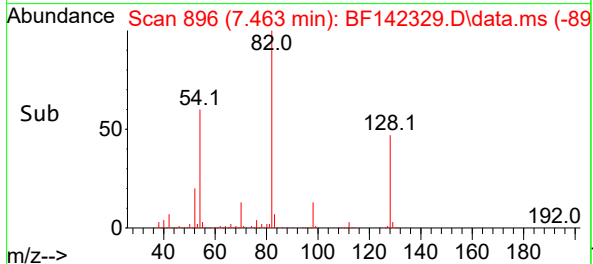
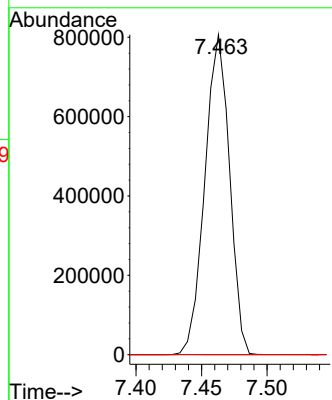
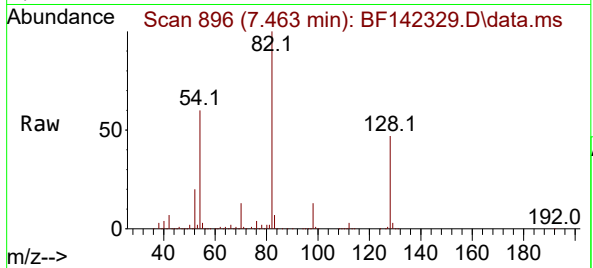




#25
Isophorone
Concen: 43.014 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

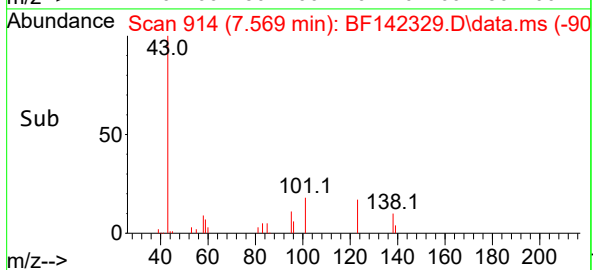
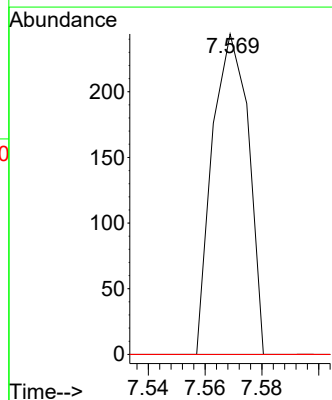
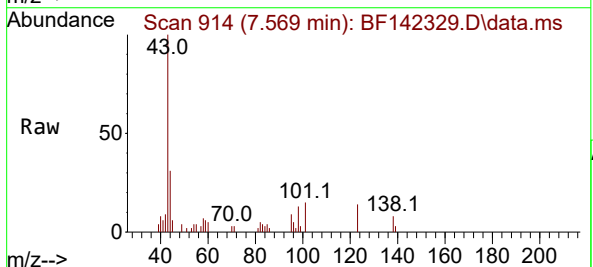
Instrument :
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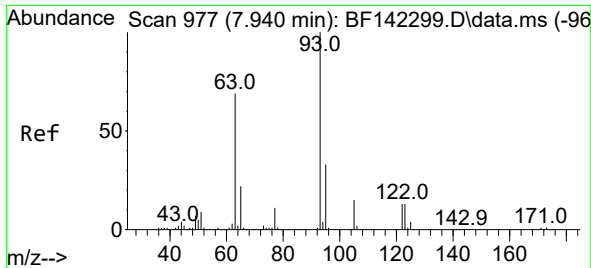
Tgt Ion: 82 Resp: 1053653
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.121 ng
RT: 7.569 min Scan# 914
Delta R.T. -0.235 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:139 Resp: 216
Ion Ratio Lower Upper
139 100
109 0.0 20.8 31.2#
65 0.0 38.9 58.3#

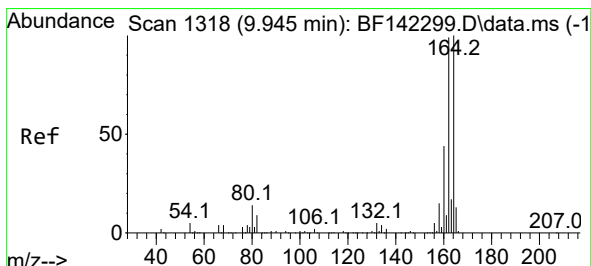
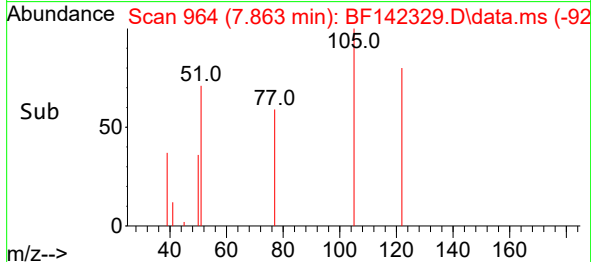
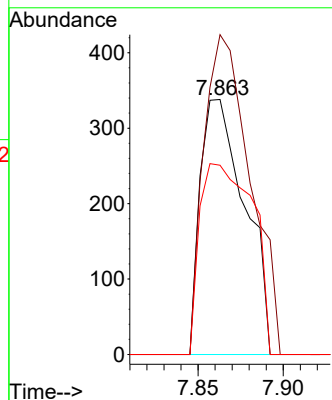
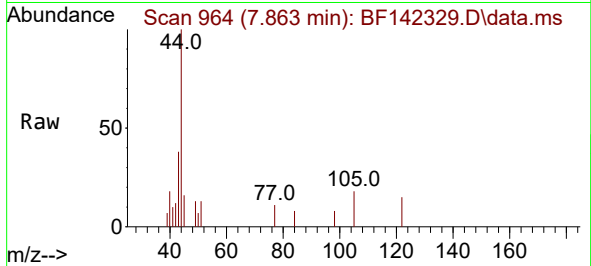




#32
Benzoic acid
Concen: 6.110 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.077 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

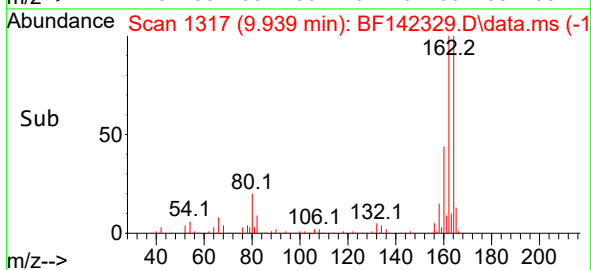
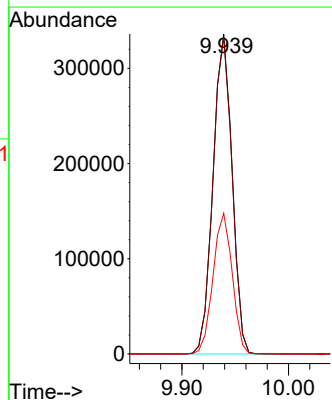
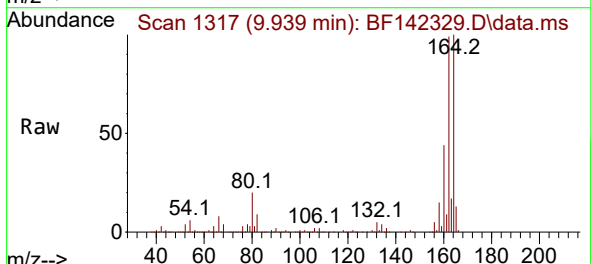
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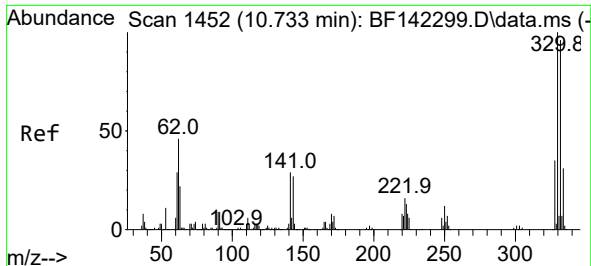
Tgt Ion:122 Resp: 615
Ion Ratio Lower Upper
122 100
105 125.4 97.9 137.9
77 74.3 67.7 107.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

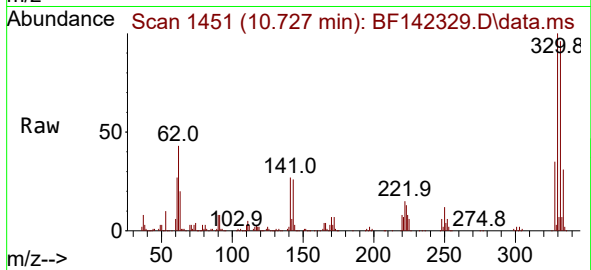
Tgt Ion:164 Resp: 418629
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.0 35.3 52.9



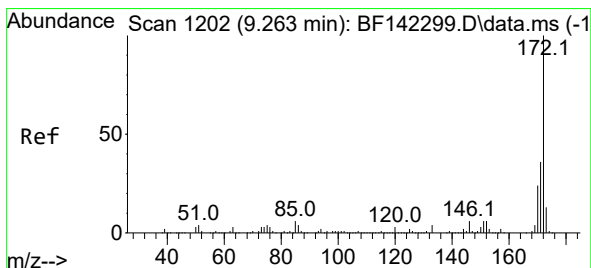
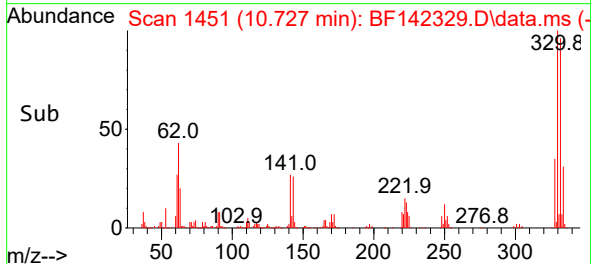
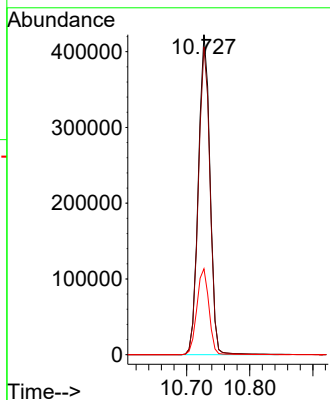


#42
2,4,6-Tribromophenol
Concen: 133.437 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Instrument :
BNA_F
ClientSampleId :
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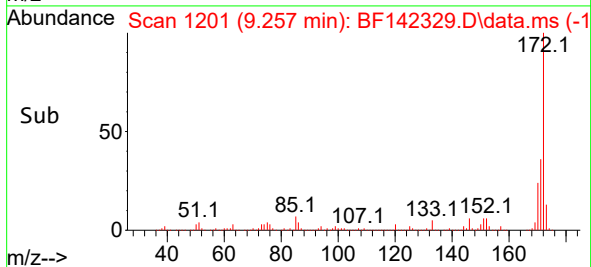
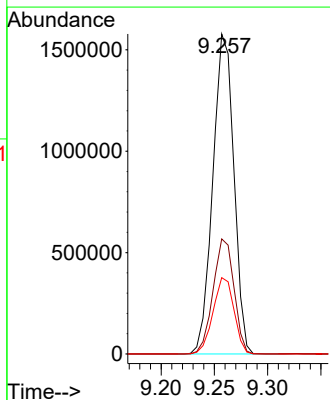
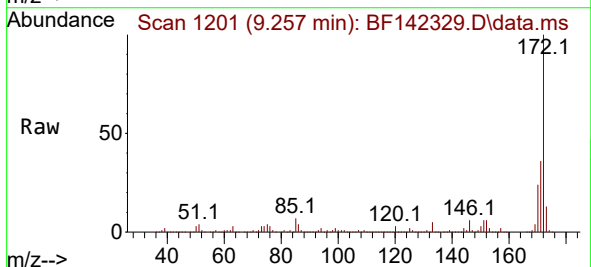


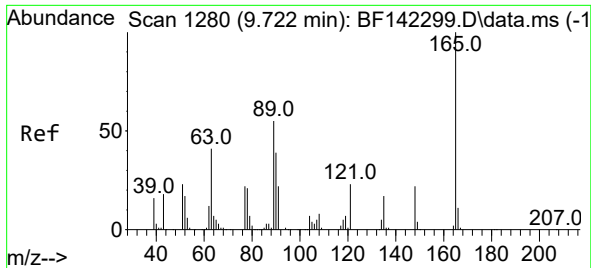
Tgt Ion:330 Resp: 539324
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 27.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 73.648 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:172 Resp: 2162250
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.8 19.0 28.4

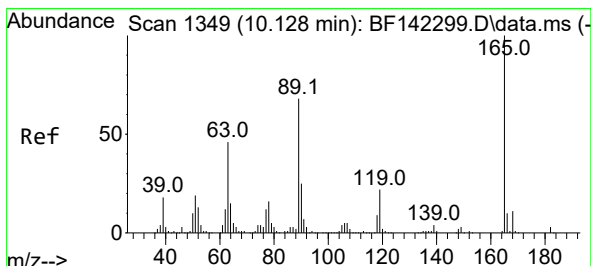
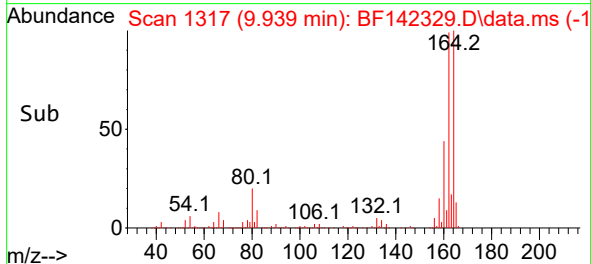
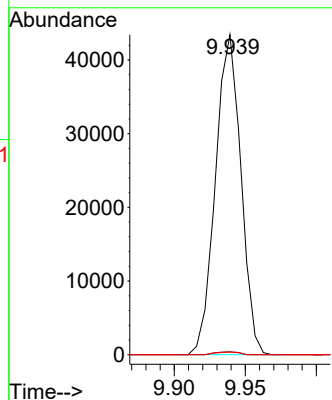
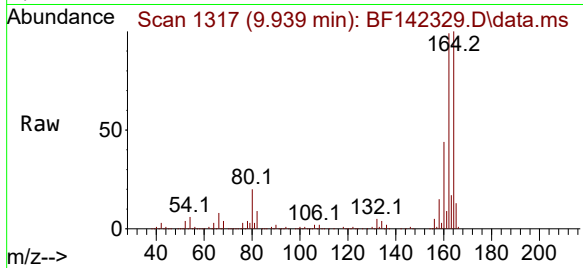




#51
2,6-Dinitrotoluene
Concen: 10.750 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

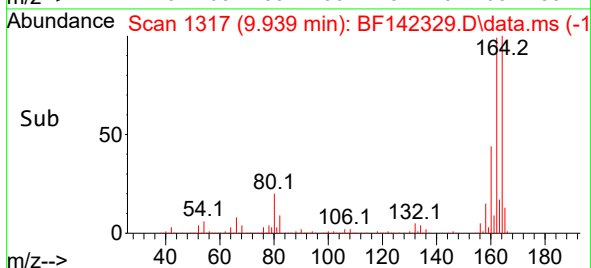
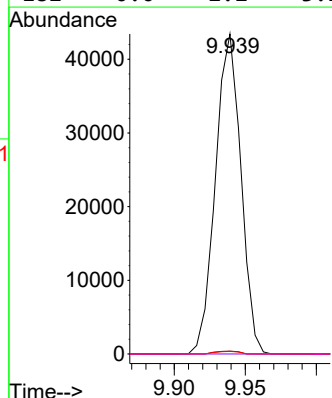
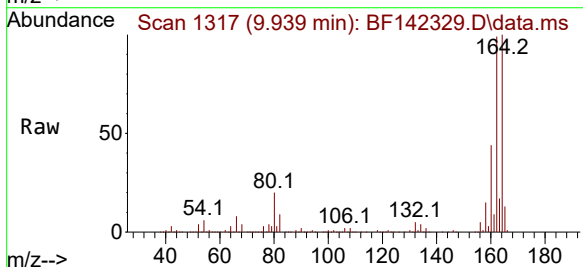
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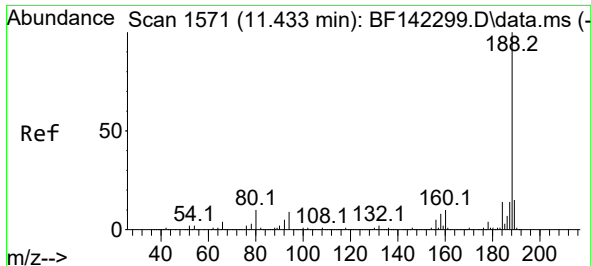
Tgt Ion:165 Resp: 54092
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 0.8 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.381 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:165 Resp: 54092
Ion Ratio Lower Upper
165 100
63 0.9 37.1 55.7#
89 0.8 54.4 81.6#
182 0.0 2.2 3.2#

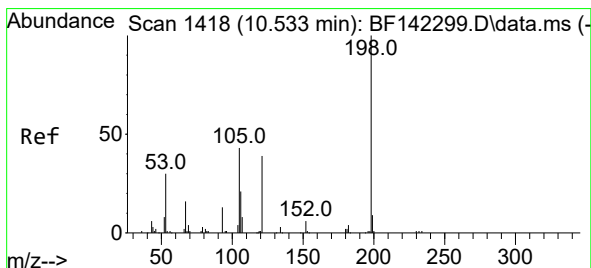
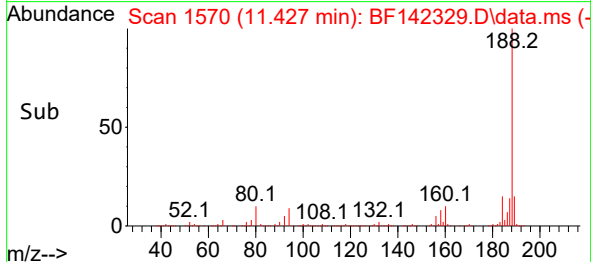
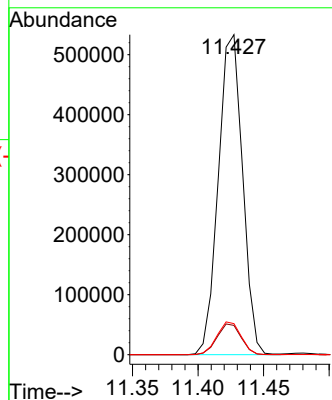
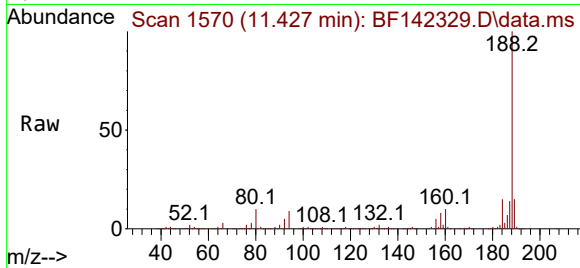




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

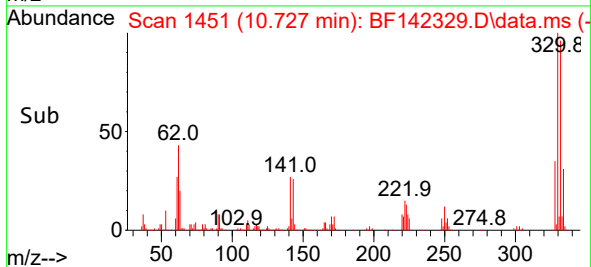
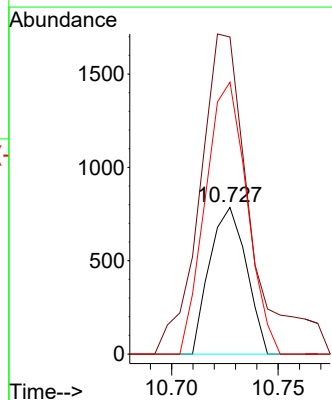
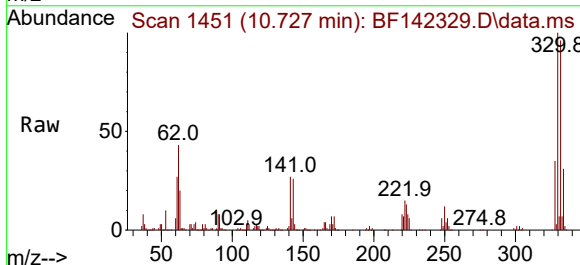
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

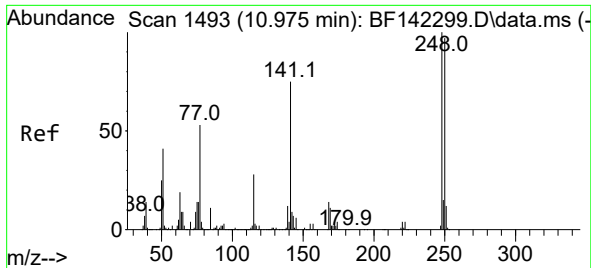
Tgt Ion:188 Resp: 685643
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.7 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.436 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.194 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:198 Resp: 944
Ion Ratio Lower Upper
198 100
51 216.2 32.9 72.9#
105 185.4 23.7 63.7#

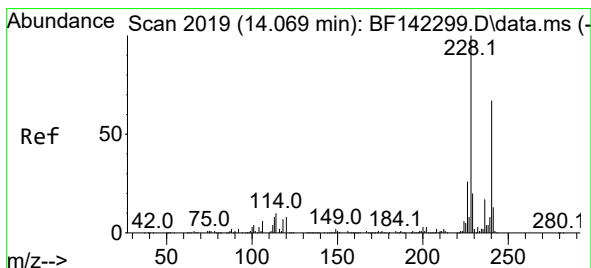
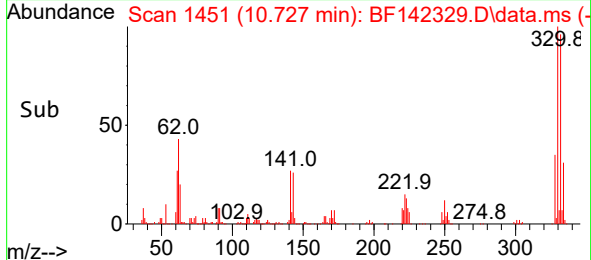
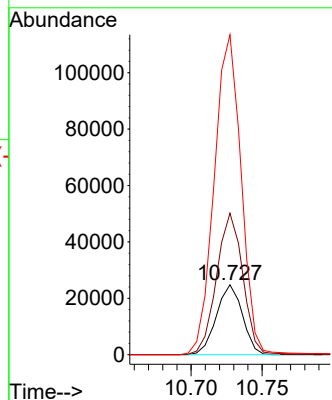
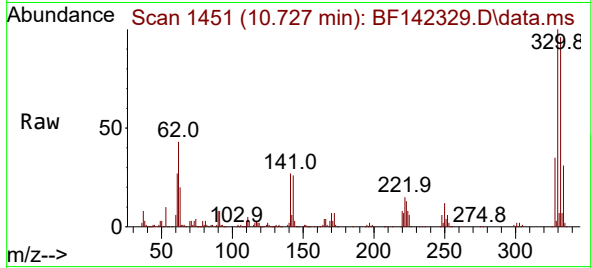




#67
4-Bromophenyl-phenylether
Concen: 4.057 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

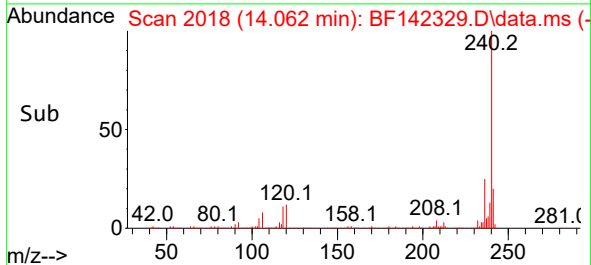
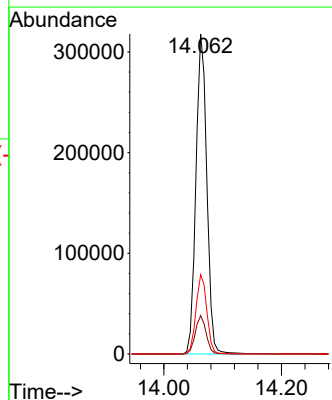
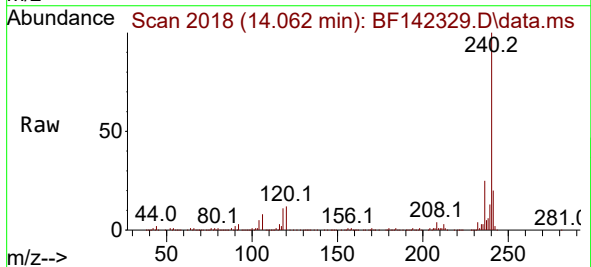
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

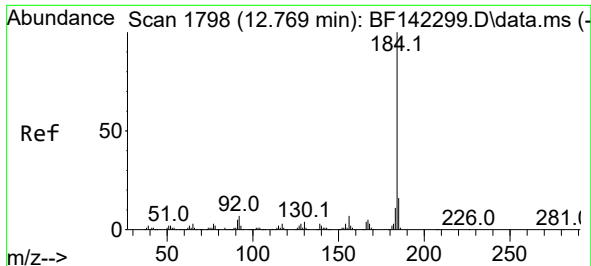
Tgt Ion:248 Resp: 31529
Ion Ratio Lower Upper
248 100
250 202.6 77.9 116.9#
141 458.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:240 Resp: 409072
Ion Ratio Lower Upper
240 100
120 12.0 9.7 14.5
236 24.8 20.0 30.0

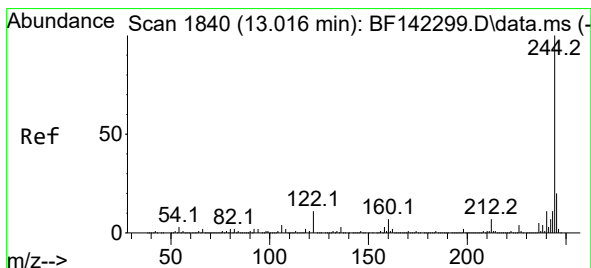
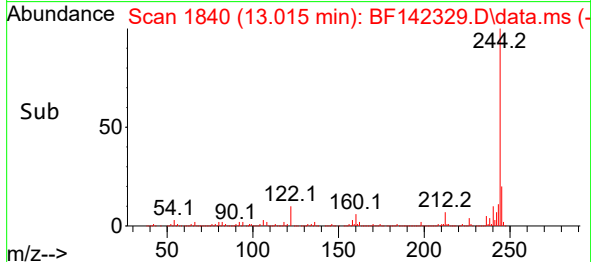
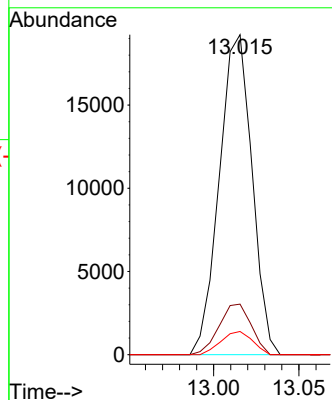
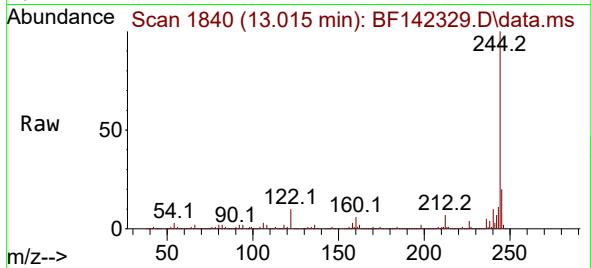




#77
Benzidine
Concen: 3.452 ng
RT: 13.015 min Scan# 1840
Delta R.T. 0.246 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

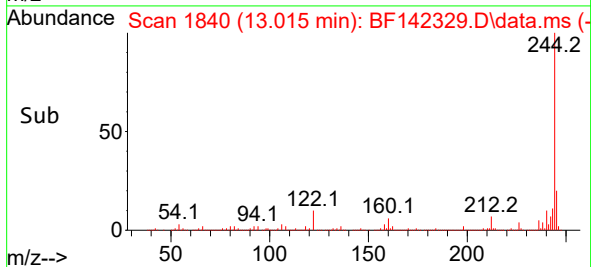
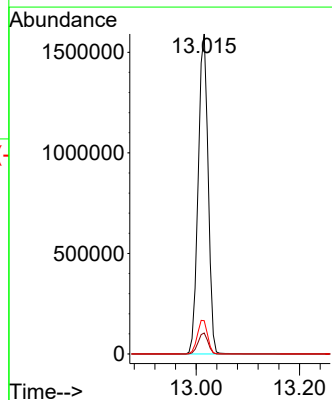
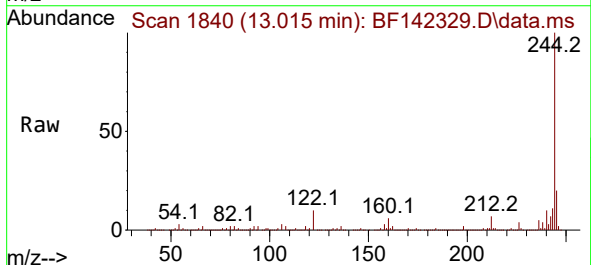
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

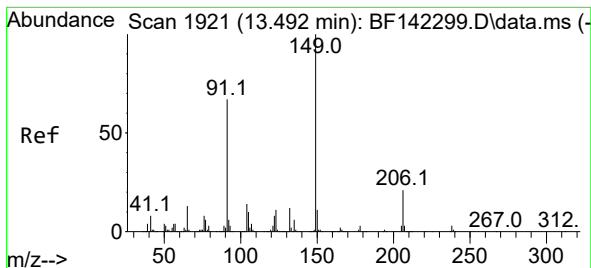
Tgt Ion:184 Resp: 25665
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 7.3 8.6 12.8#



#79
Terphenyl-d14
Concen: 76.621 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142329.D
Acq: 12 May 2025 19:35

Tgt Ion:244 Resp: 2117652
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.4 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.689 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

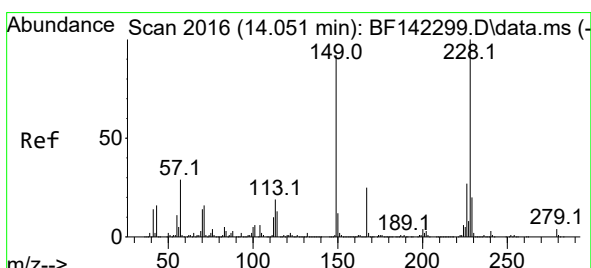
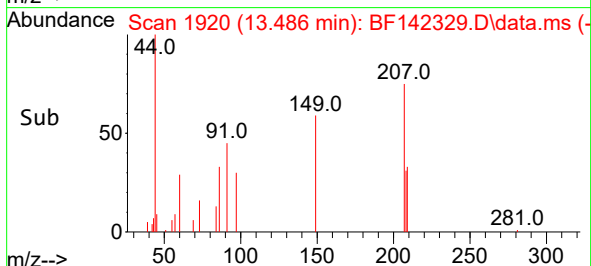
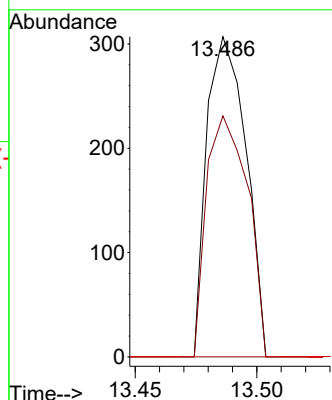
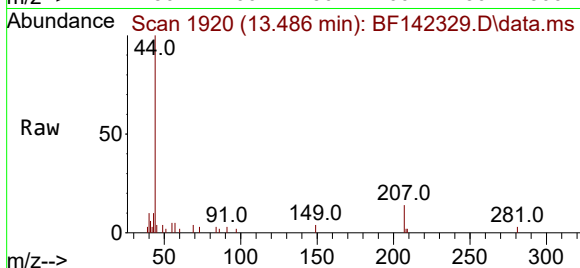
Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-14

Tgt Ion:149	Resp:	345
Ion Ratio	Lower	Upper
149	100	
91	75.2	53.8 80.6
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.292 ng

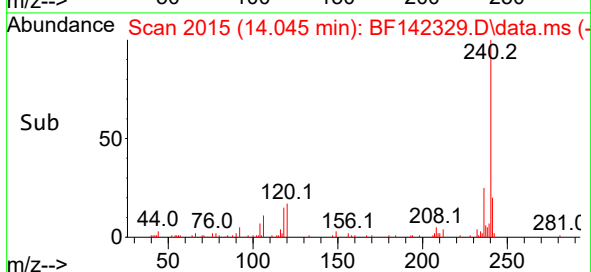
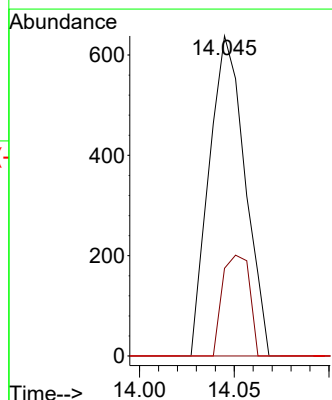
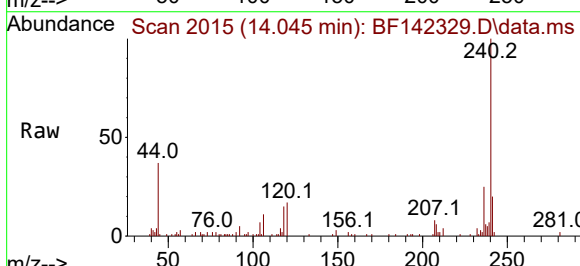
RT: 14.045 min Scan# 2015

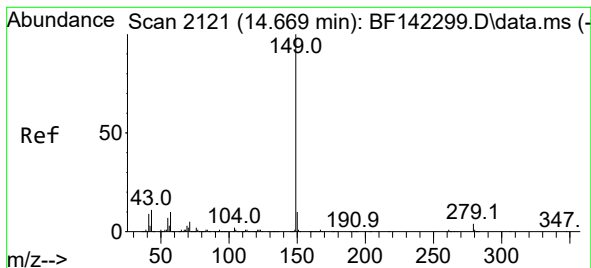
Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Tgt Ion:149	Resp:	837
Ion Ratio	Lower	Upper
149	100	
167	27.4	22.0 33.0
279	0.0	3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.863 ng

RT: 14.662 min Scan# 21

Delta R.T. -0.007 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-14

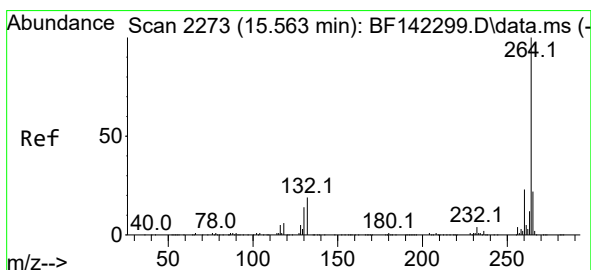
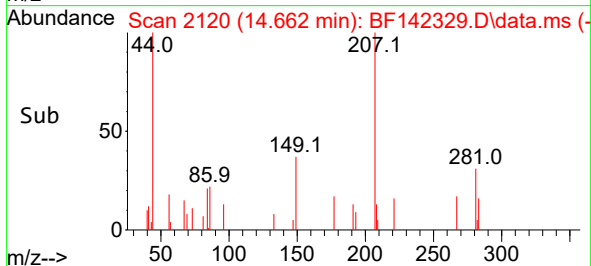
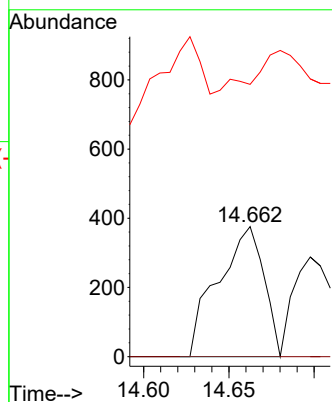
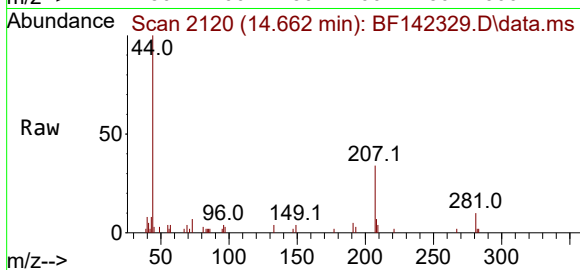
Tgt Ion:149 Resp: 705

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 62.4 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142329.D

Acq: 12 May 2025 19:35

Tgt Ion:264 Resp: 337709

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.4 17.5 26.3

