

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142325.D
 Acq On : 12 May 2025 17:39
 Operator : RC/JU
 Sample : Q2007-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 12 18:49:05 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)

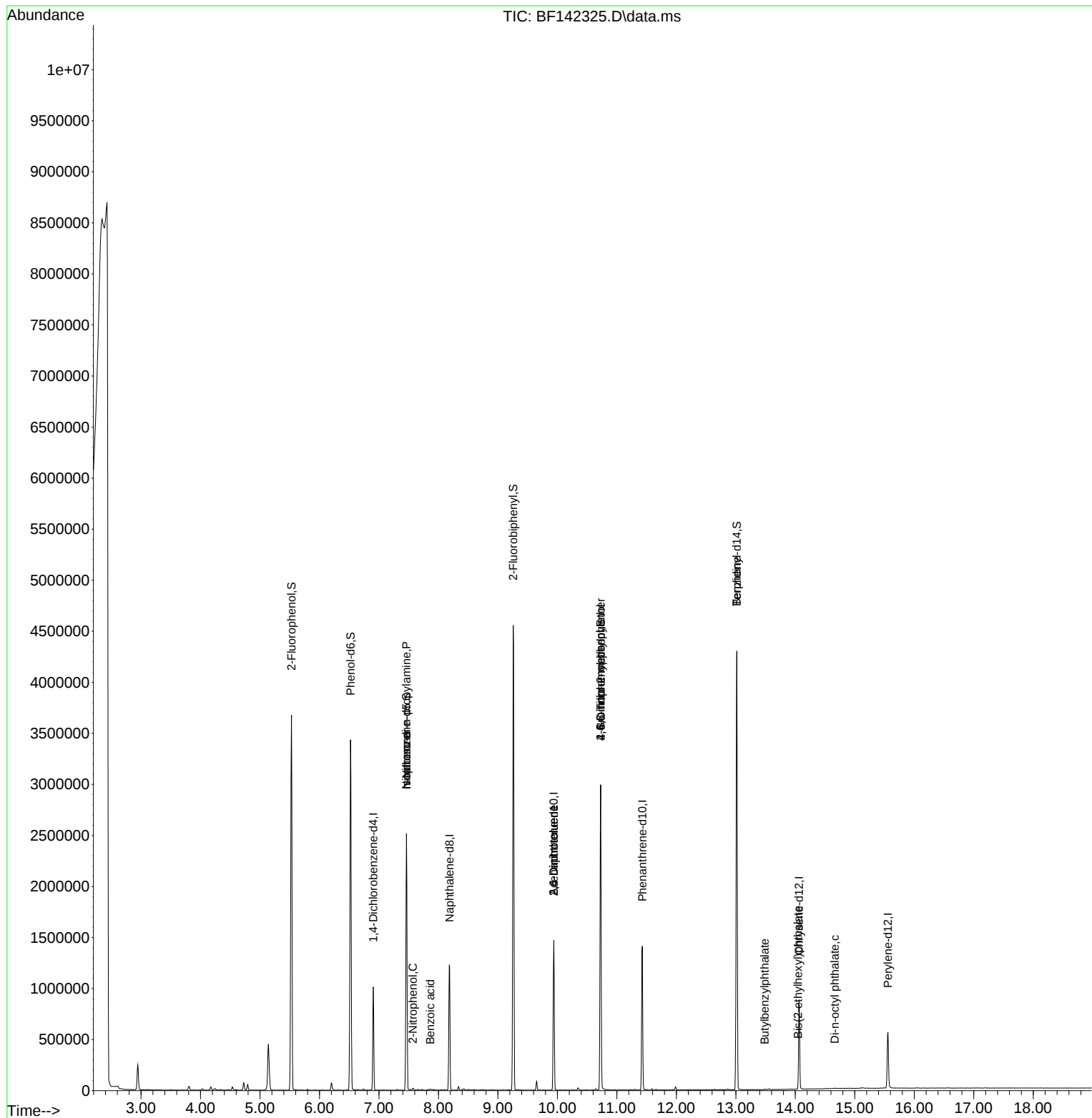
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	211603	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	789721	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	430905	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	728357	20.000	ng	0.00
76) Chrysene-d12	14.063	240	430381	20.000	ng	0.00
86) Perylene-d12	15.557	264	329833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1461983	117.943	ng	0.02
7) Phenol-d6	6.522	99	1687102	110.661	ng	0.00
23) Nitrobenzene-d5	7.463	82	1055832	81.538	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	550540	132.332	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2096578	69.376	ng	0.00
79) Terphenyl-d14	13.016	244	2125855	73.109	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	141730	15.029	ng	# 77
25) Isophorone	7.463	82	1042210	42.503	ng	# 62
26) 2-Nitrophenol	7.569	139	214	4.121	ng	# 36
32) Benzoic acid	7.863	122	3734	6.592	ng	94
51) 2,6-Dinitrotoluene	9.939	165	55436	10.703	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	55436	8.344	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.727	198	1010	7.438	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	31998	3.876	ng	# 1
77) Benzidine	13.016	184	26585	3.399	ng	97
80) Butylbenzylphthalate	13.486	149	1479	3.781	ng	# 96
84) Bis(2-ethylhexyl)phtha...	14.045	149	2411	4.388	ng	# 96
85) Di-n-octyl phthalate	14.662	149	2768	7.928	ng	# 77

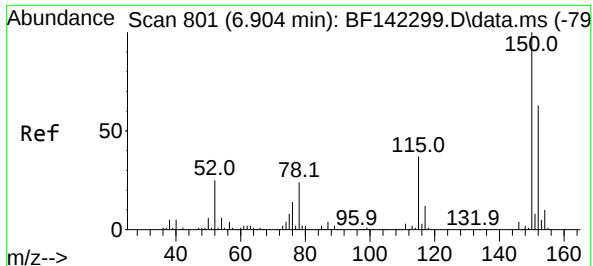
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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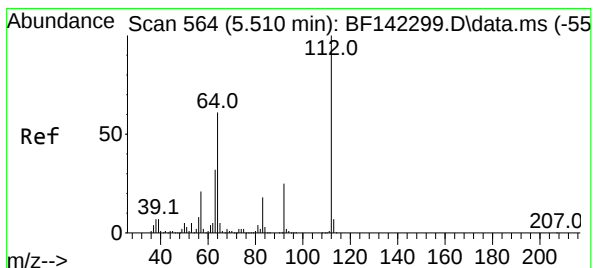
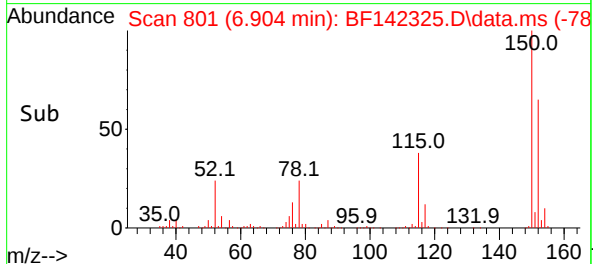
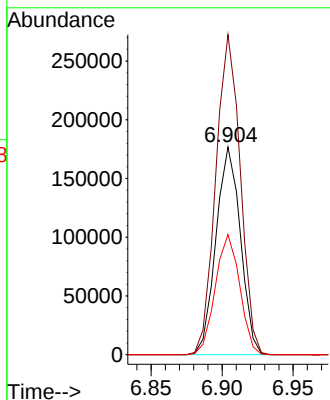
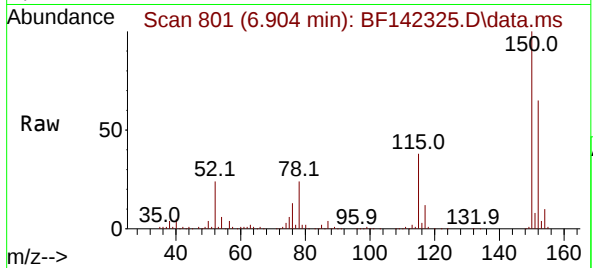




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

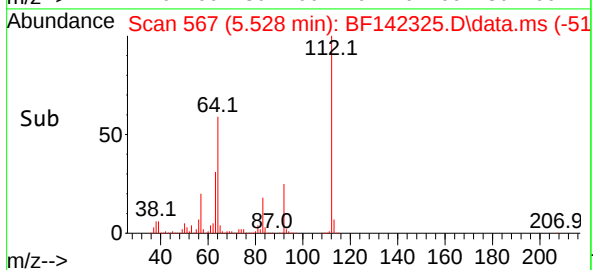
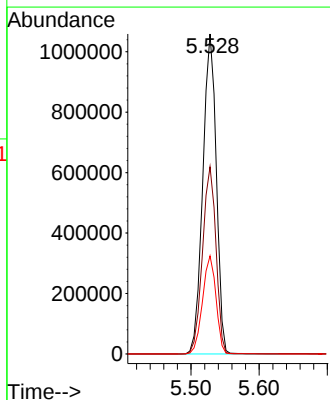
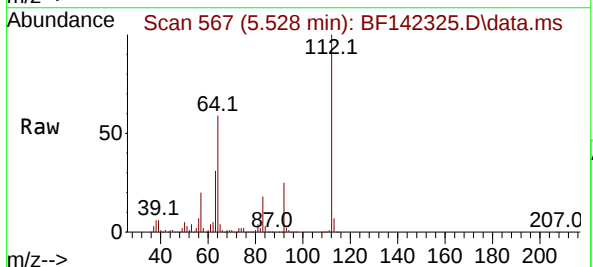
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

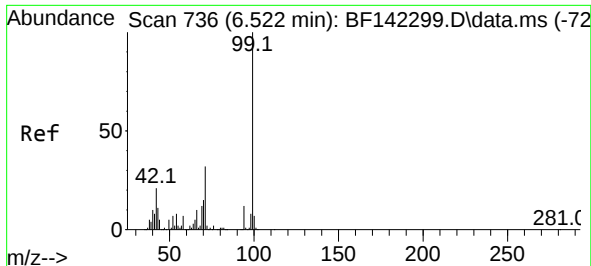
Tgt Ion:152 Resp: 211603
Ion Ratio Lower Upper
152 100
150 154.1 126.6 190.0
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 117.943 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:112 Resp: 1461983
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.6 25.6 38.4

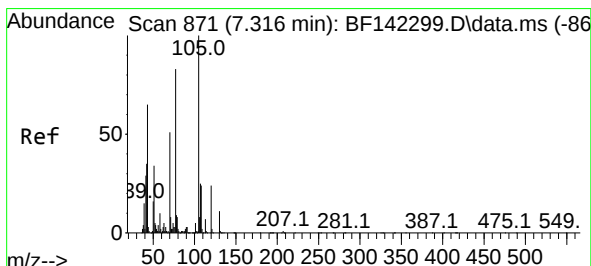
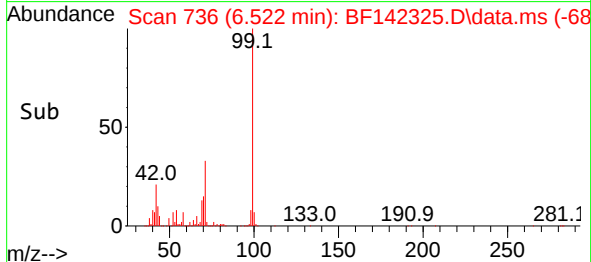
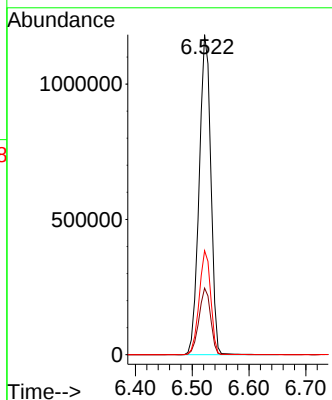
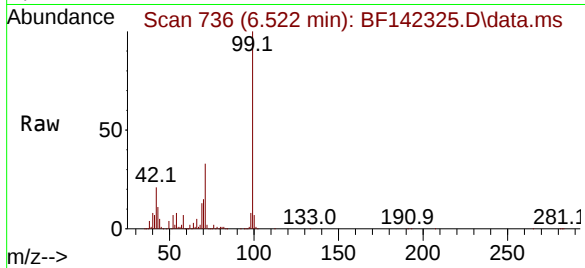




#7
Phenol-d6
Concen: 110.661 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

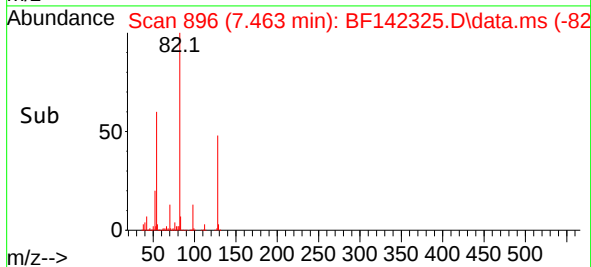
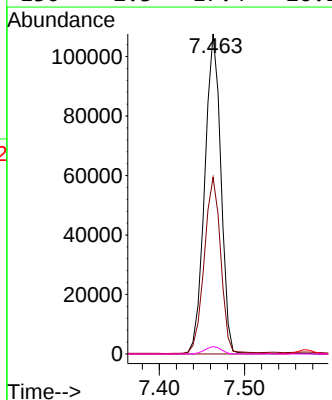
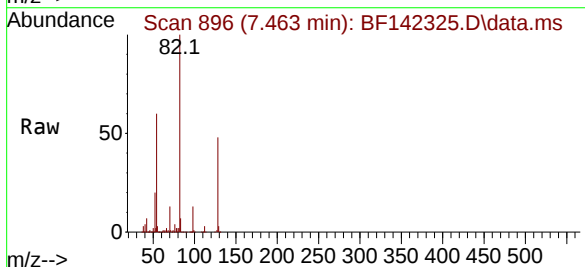
Instrument :
BNA_F
ClientSampleId :
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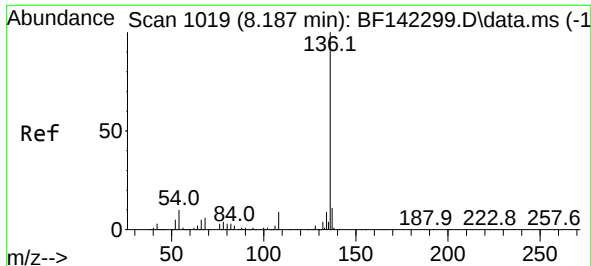
Tgt Ion: 99 Resp: 1687102
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 32.5 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.029 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion: 70 Resp: 141730
Ion Ratio Lower Upper
70 100
42 55.2 54.8 82.2
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#



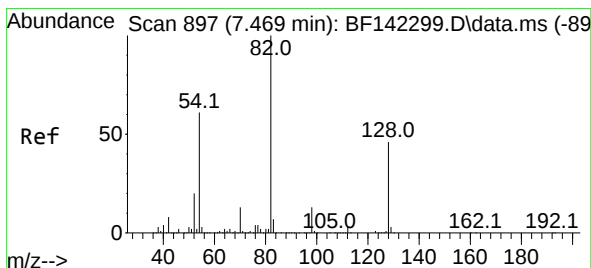
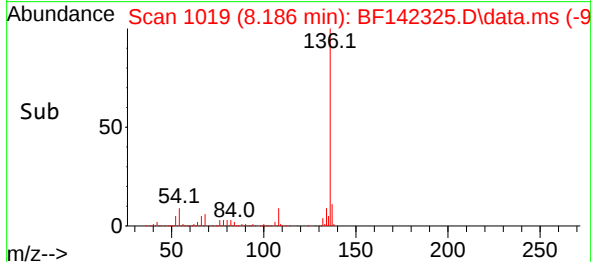
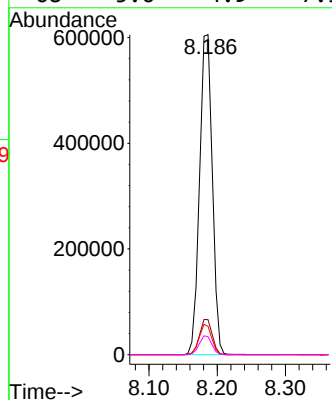
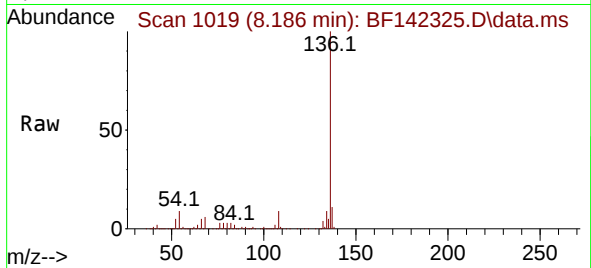


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

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

Tgt Ion:136 Resp: 789721

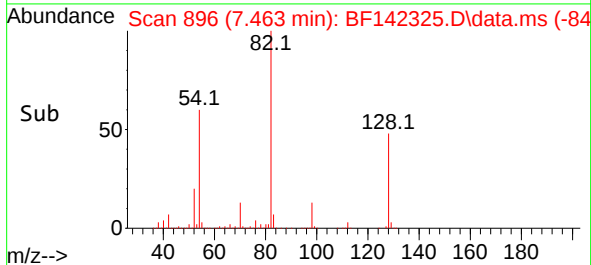
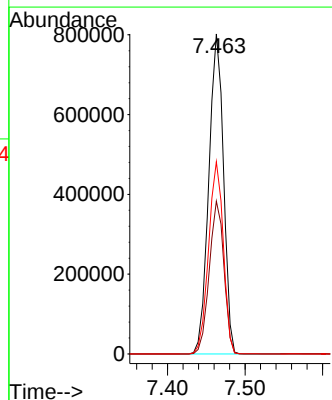
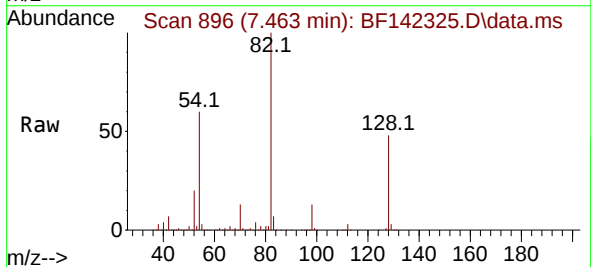
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.6	4.9	7.3

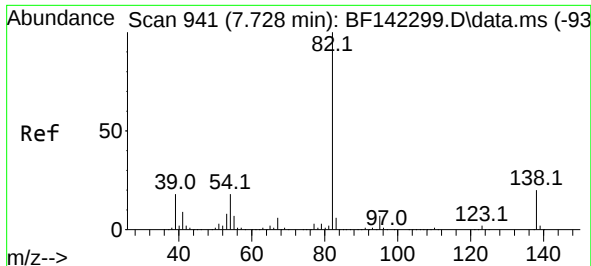


#23
Nitrobenzene-d5
Concen: 81.538 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion: 82 Resp: 1055832

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	60.1	48.6	73.0

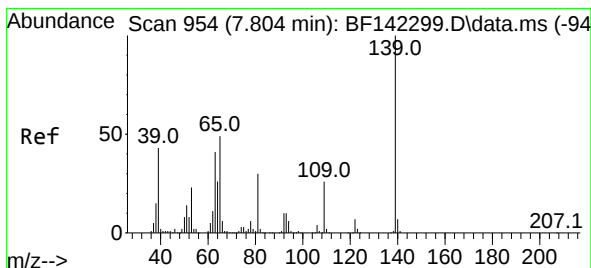
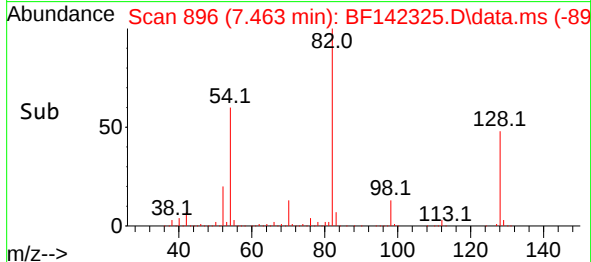
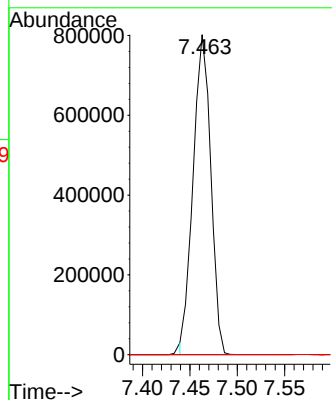
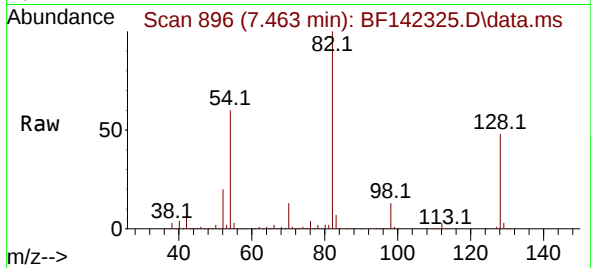




#25
Isophorone
Concen: 42.503 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

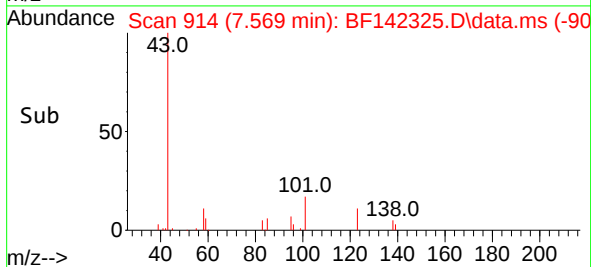
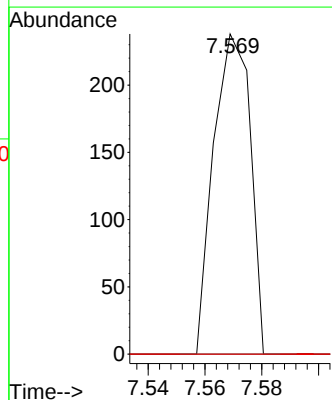
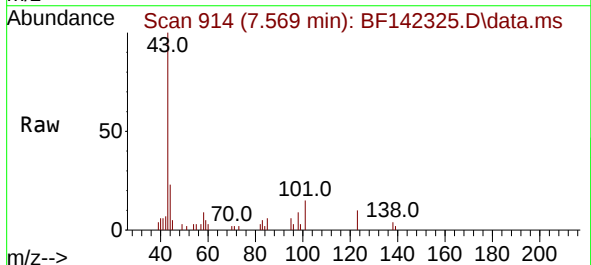
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

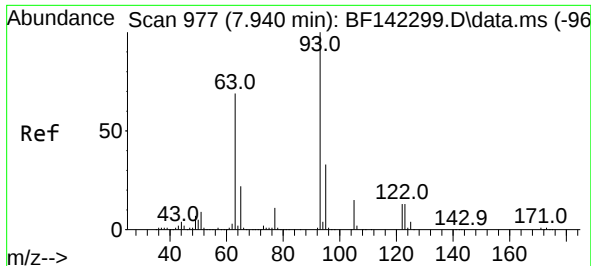
Tgt Ion: 82 Resp: 1042210
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.121 ng
RT: 7.569 min Scan# 914
Delta R.T. -0.235 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:139 Resp: 214
Ion Ratio Lower Upper
139 100
109 0.0 20.8 31.2#
65 0.0 38.9 58.3#

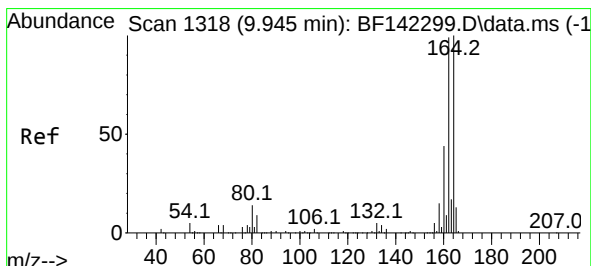
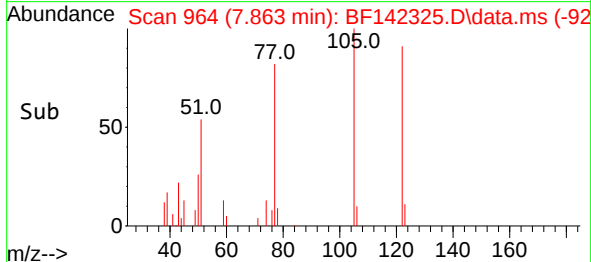
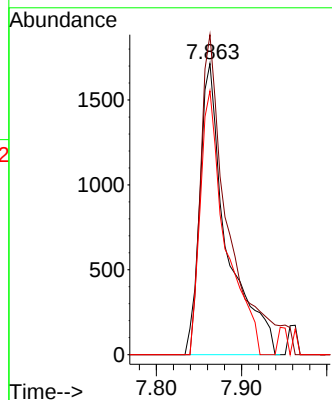
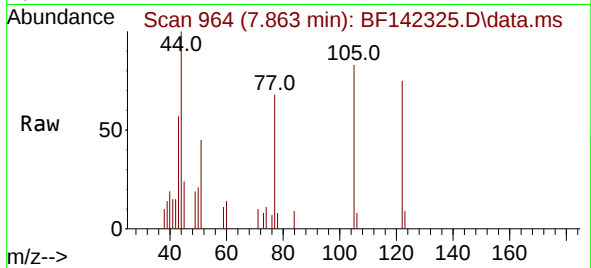




#32
Benzoic acid
Concen: 6.592 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.077 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

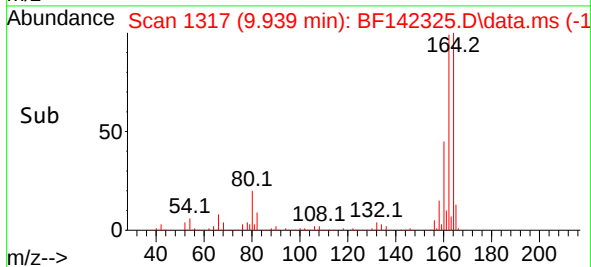
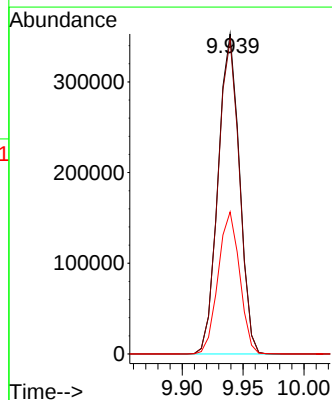
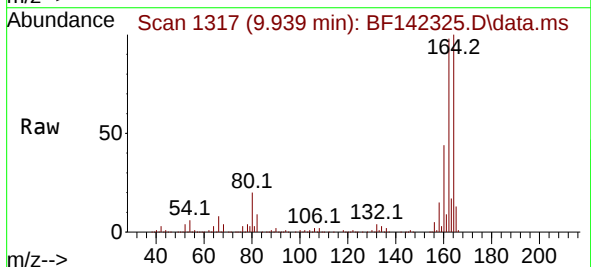
Instrument :
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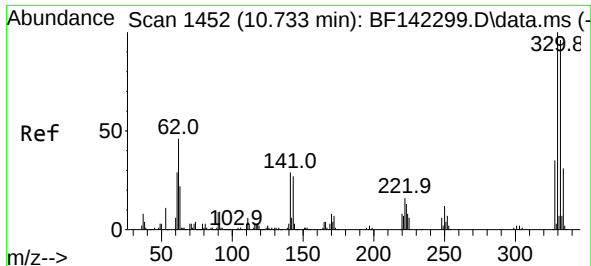
Tgt Ion:122 Resp: 3734
Ion Ratio Lower Upper
122 100
105 109.9 97.9 137.9
77 90.6 67.7 107.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:164 Resp: 430905
Ion Ratio Lower Upper
164 100
162 98.2 79.2 118.8
160 44.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 132.332 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142325.D

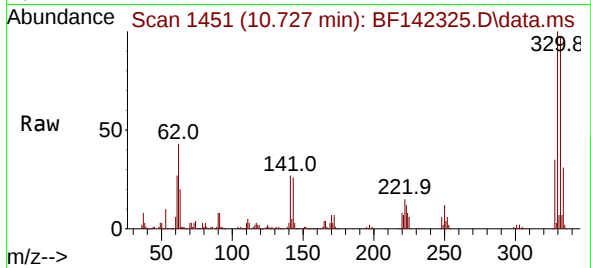
Acq: 12 May 2025 17:39

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10



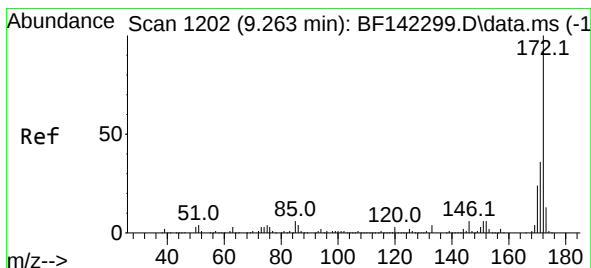
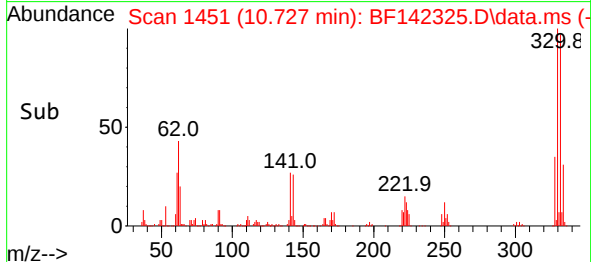
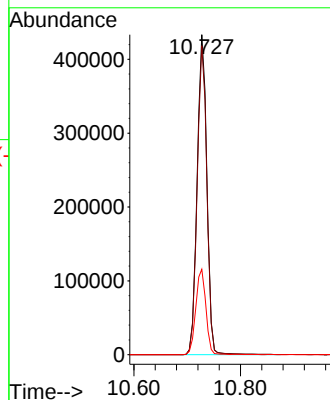
Tgt Ion:330 Resp: 550540

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 27.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 69.376 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142325.D

Acq: 12 May 2025 17:39

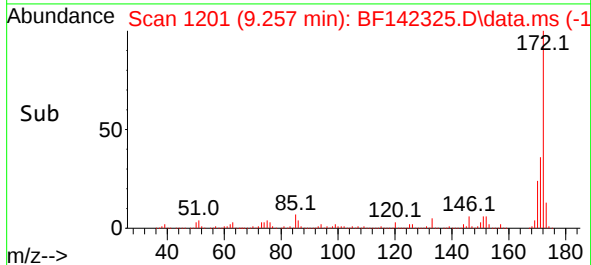
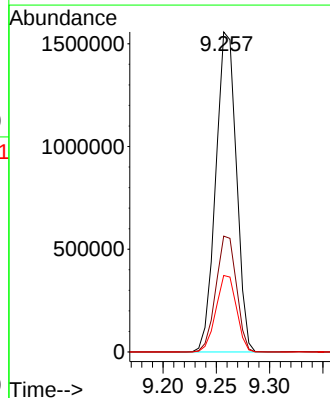
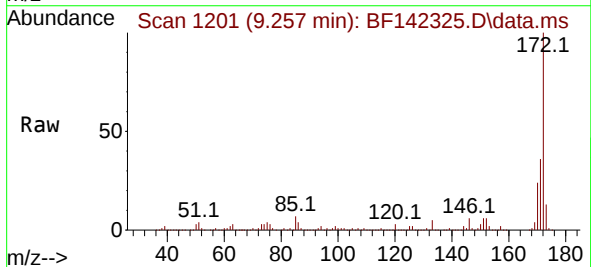
Tgt Ion:172 Resp: 2096578

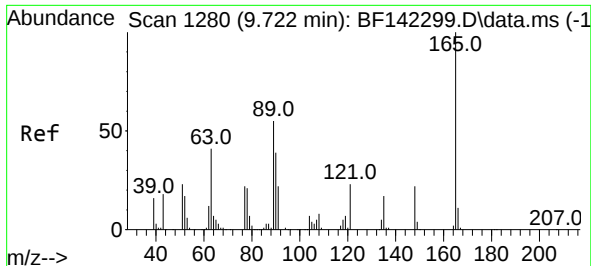
Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 23.9 19.0 28.4

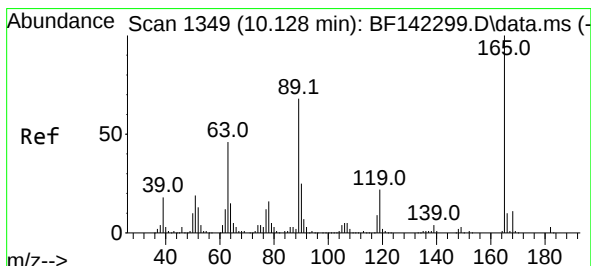
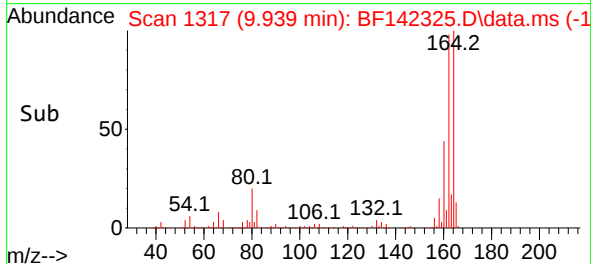
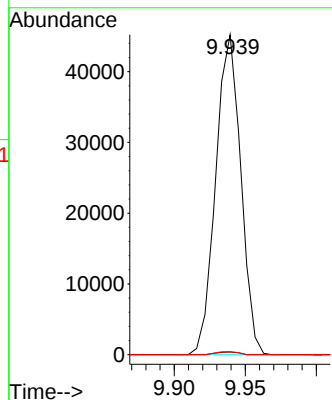
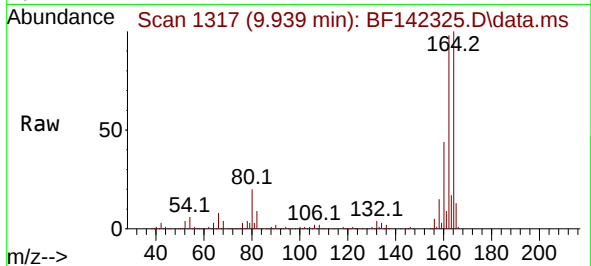




#51
2,6-Dinitrotoluene
Concen: 10.703 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.217 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

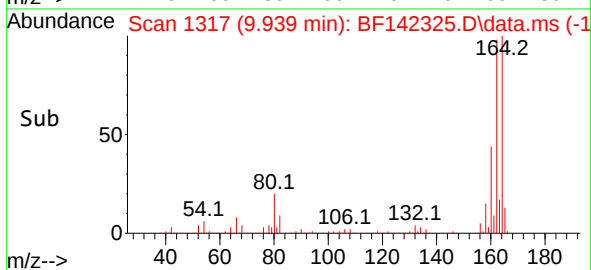
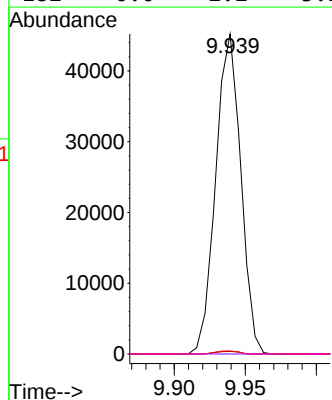
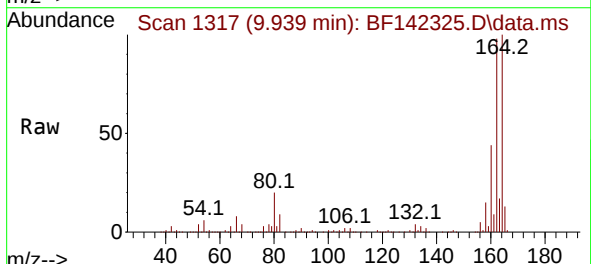
Instrument :
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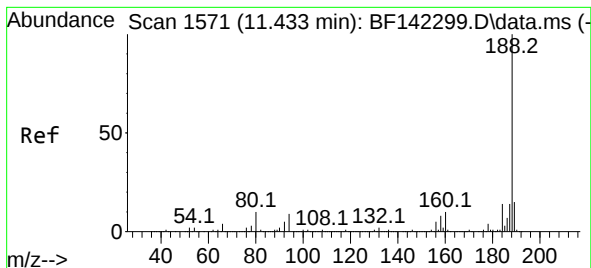
Tgt Ion:165 Resp: 55436
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.344 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:165 Resp: 55436
Ion Ratio Lower Upper
165 100
63 0.8 37.1 55.7#
89 1.0 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: BF142325.D

Acq: 12 May 2025 17:39

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-10

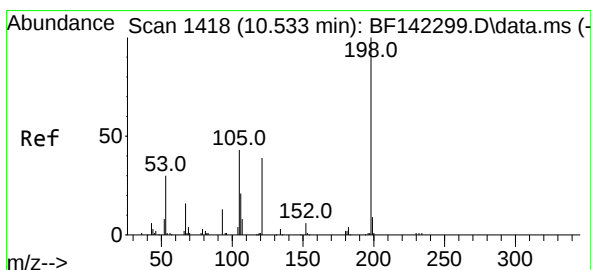
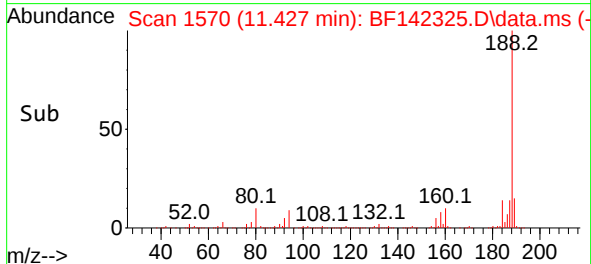
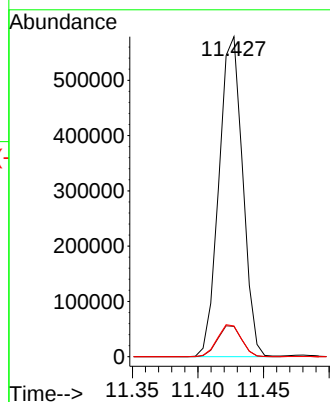
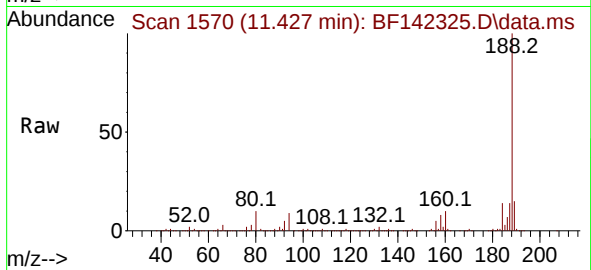
Tgt Ion:188 Resp: 728357

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: 7.438 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.194 min

Lab File: BF142325.D

Acq: 12 May 2025 17:39

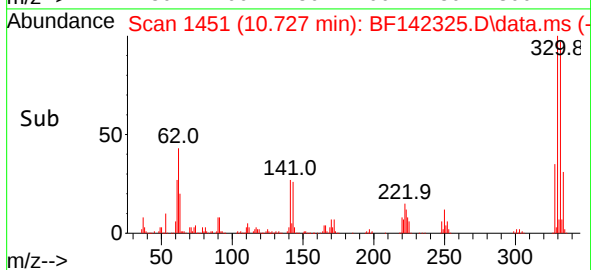
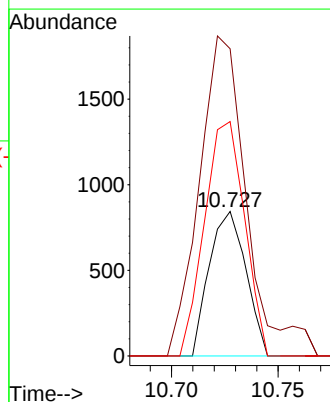
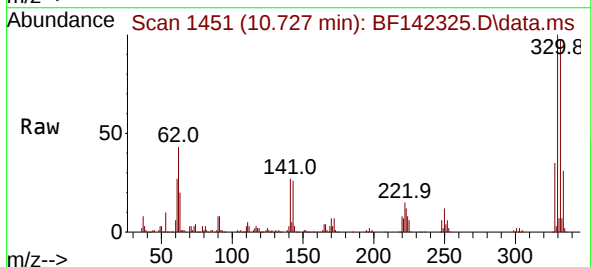
Tgt Ion:198 Resp: 1010

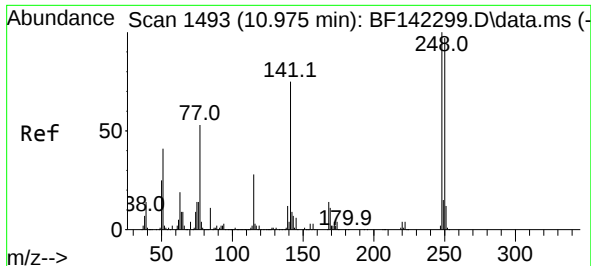
Ion Ratio Lower Upper

198 100

51 212.6 32.9 72.9#

105 162.2 23.7 63.7#

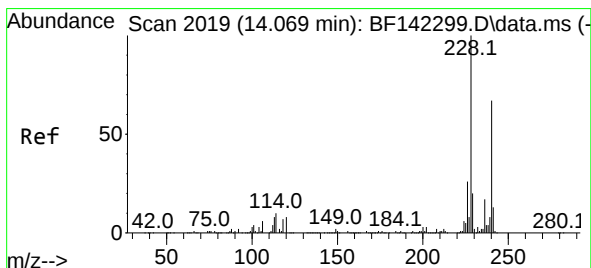
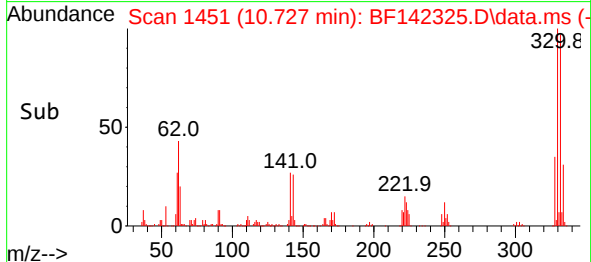
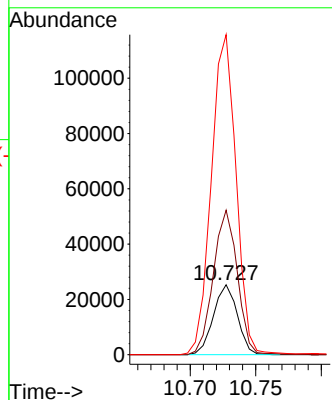
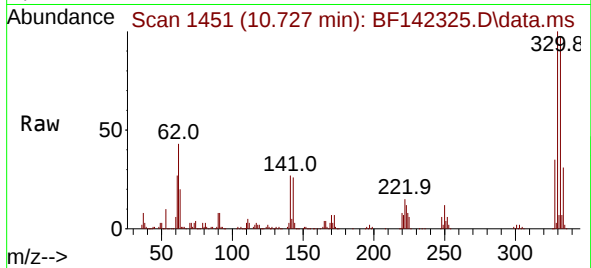




#67
4-Bromophenyl-phenylether
Concen: 3.876 ng
RT: 10.727 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

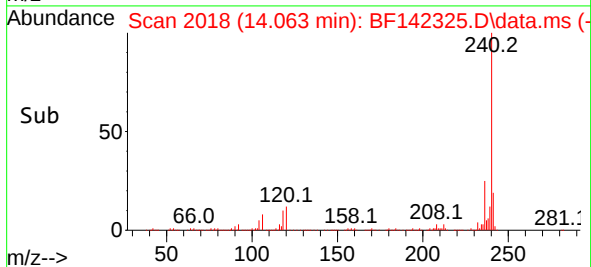
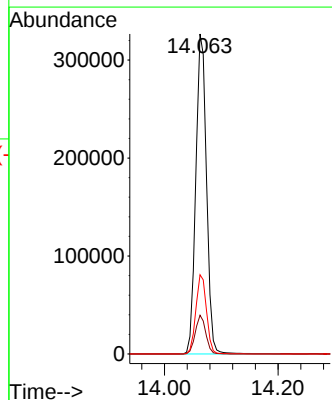
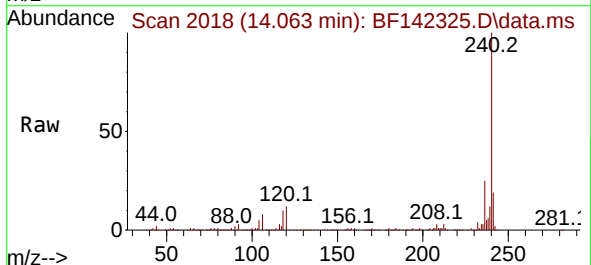
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

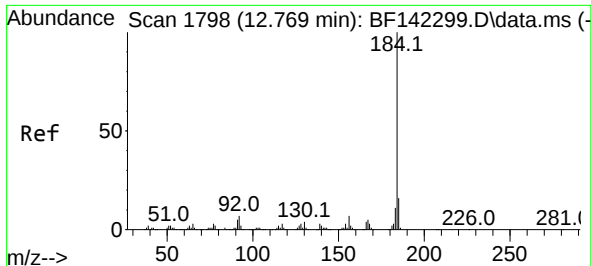
Tgt Ion:248 Resp: 31998
Ion Ratio Lower Upper
248 100
250 206.7 77.9 116.9#
141 457.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:240 Resp: 430381
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 24.8 20.0 30.0

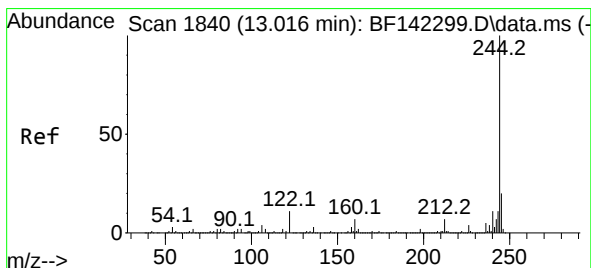
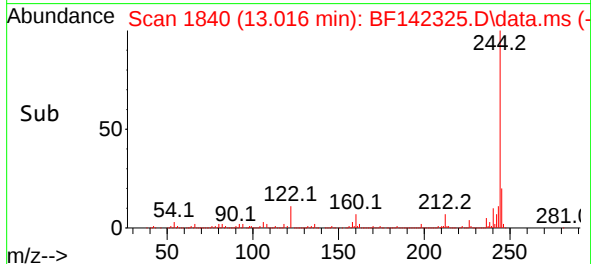
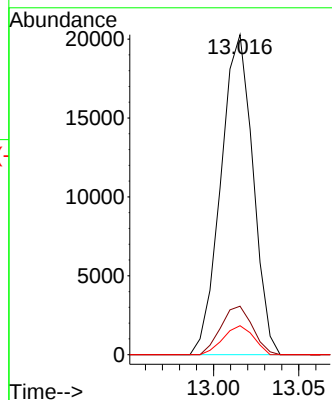
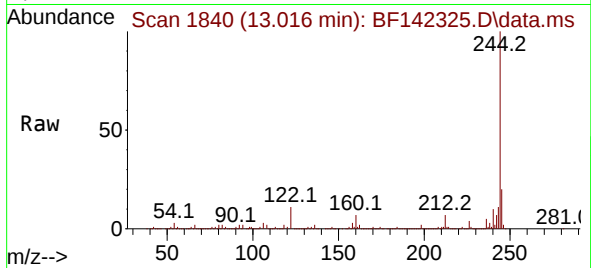




#77
Benzidine
Concen: 3.399 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

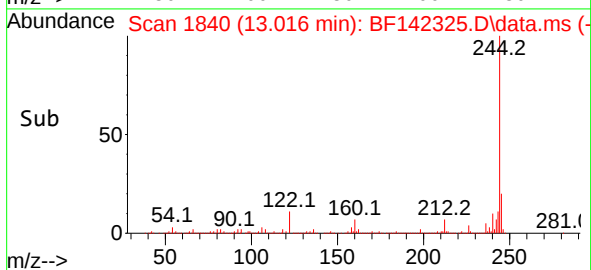
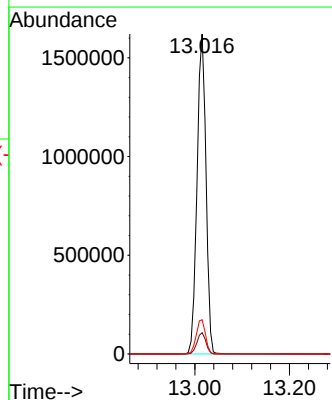
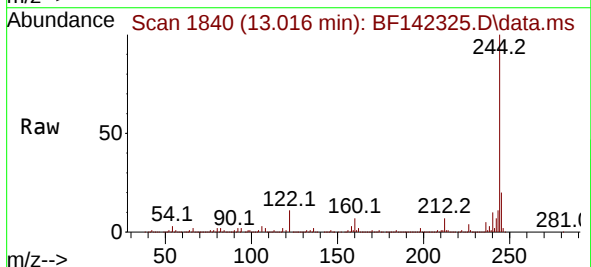
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

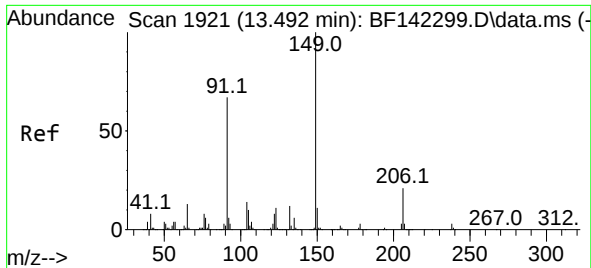
Tgt Ion:184 Resp: 26585
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 9.1 8.6 12.8



#79
Terphenyl-d14
Concen: 73.109 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:244 Resp: 2125855
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.7 9.0 13.4

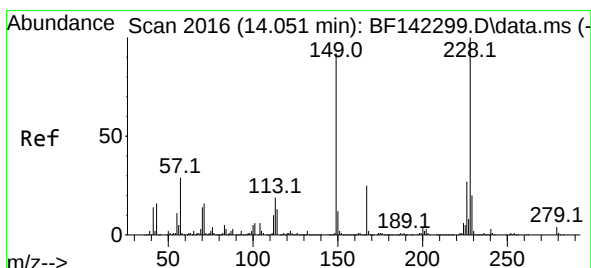
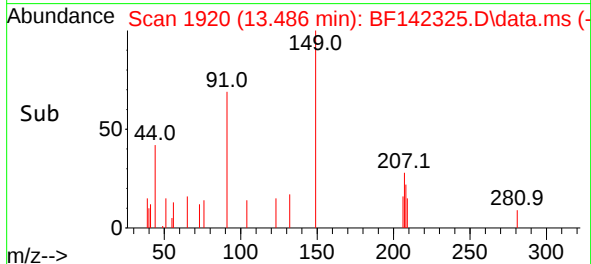
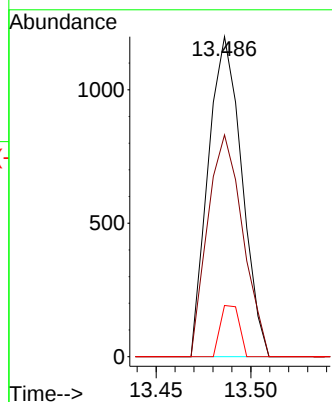
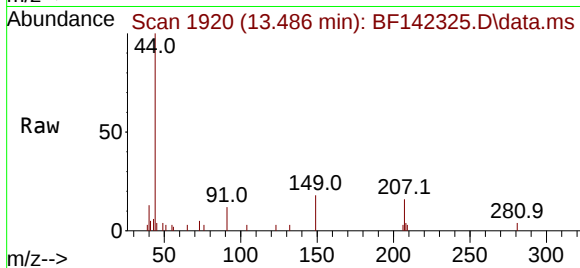




#80
Butylbenzylphthalate
Concen: 3.781 ng
RT: 13.486 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

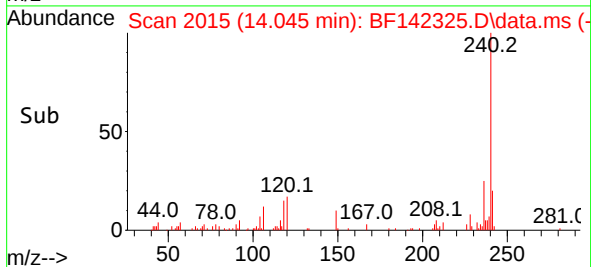
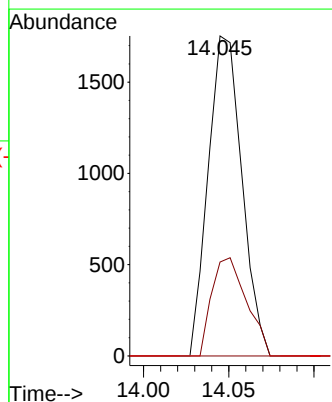
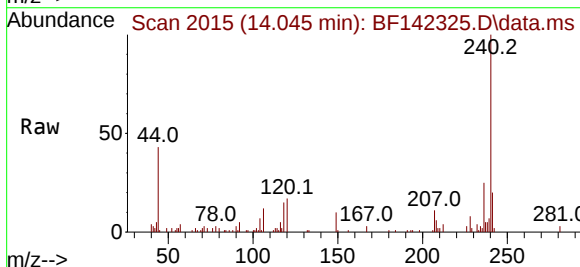
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

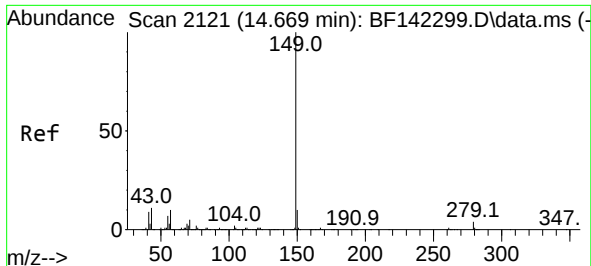
Tgt Ion:	149	Resp:	1479
Ion	Ratio	Lower	Upper
149	100		
91	69.3	53.8	80.6
206	16.0	16.6	24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.388 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:	149	Resp:	2411
Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.0	33.0
279	0.0	3.0	4.6

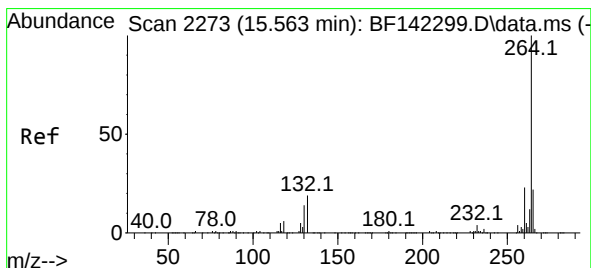
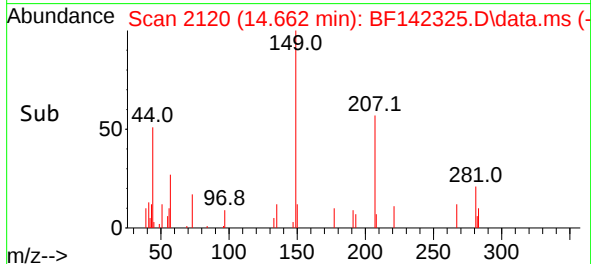
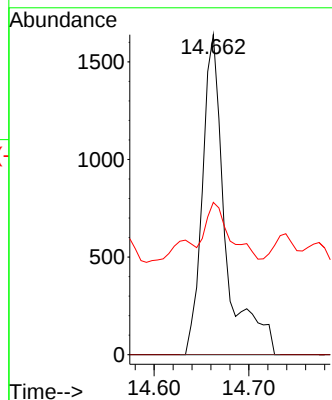
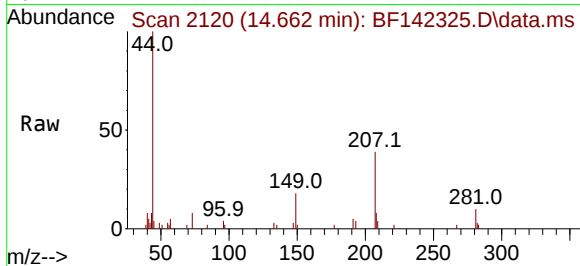




#85
Di-n-octyl phthalate
Concen: 7.928 ng
RT: 14.662 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

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

Tgt Ion:149 Resp: 2768
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 21.4 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: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:264 Resp: 329833
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.5 17.5 26.3

