

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142283.D
 Acq On : 02 May 2025 16:20
 Operator : RC/JU
 Sample : Q1916-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12

Quant Time: May 02 16:55:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

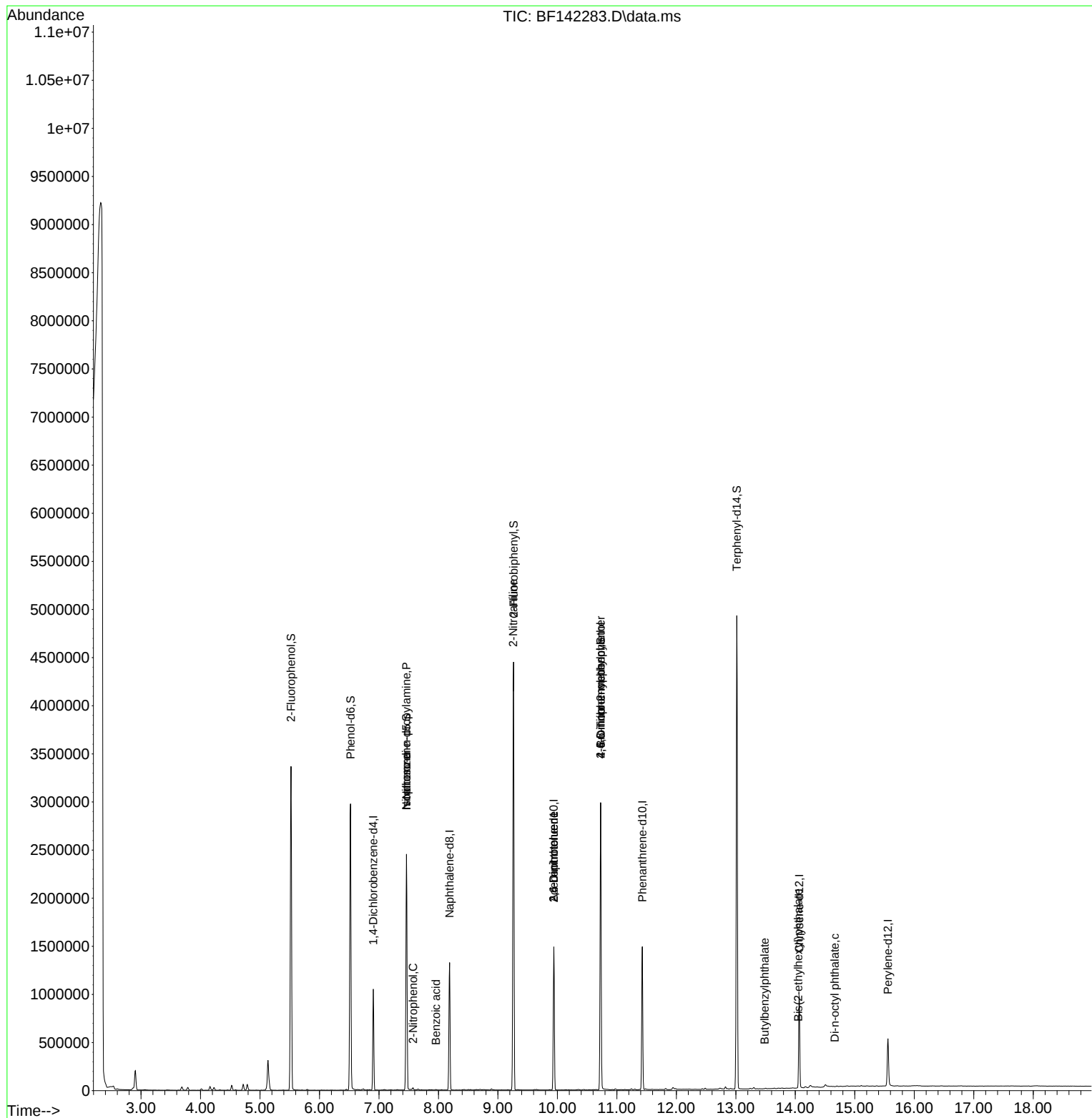
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	211778	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	813579	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	428114	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	738540	20.000	ng	0.00
76) Chrysene-d12	14.068	240	471878	20.000	ng	0.00
86) Perylene-d12	15.557	264	239049	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1293600	97.553	ng	0.00
7) Phenol-d6	6.522	99	1447404	90.390	ng	0.00
23) Nitrobenzene-d5	7.463	82	1031055	83.259	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	522692	133.926	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2041510	67.236	ng	0.00
79) Terphenyl-d14	13.015	244	2419680	74.579	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	140059	14.154	ng	# 80
25) Isophorone	7.463	82	1028781	39.584	ng	# 64
26) 2-Nitrophenol	7.575	139	512	5.037	ng	# 34
32) Benzoic acid	7.957	122	1210	10.958	ng	# 19
48) 2-Nitroaniline	9.257	65	3127	5.200	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	55570	13.716	ng	# 24
57) 2,4-Dinitrotoluene	9.939	165	55570	12.850	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	907	10.902	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	32234	3.919	ng	# 1
80) Butylbenzylphthalate	13.486	149	206	3.732	ng	# 85
84) Bis(2-ethylhexyl)phtha...	14.051	149	1649	3.547	ng	# 88
85) Di-n-octyl phthalate	14.662	149	700	6.088	ng	# 73

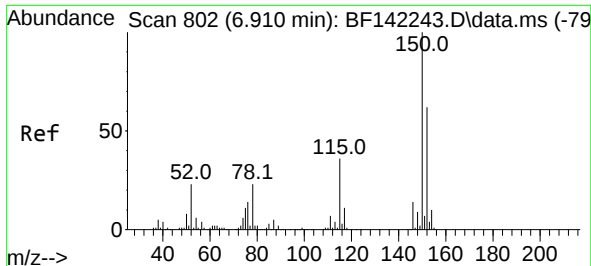
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 02 16:55:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

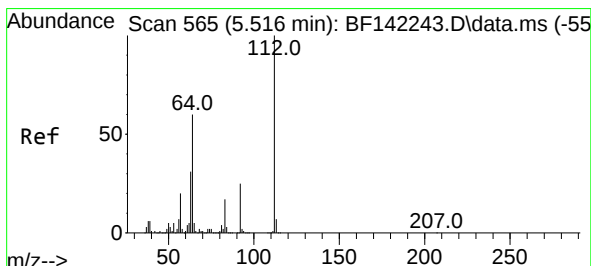
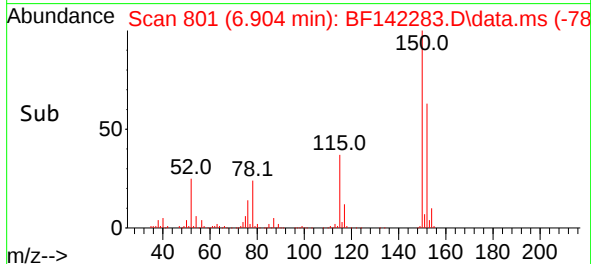
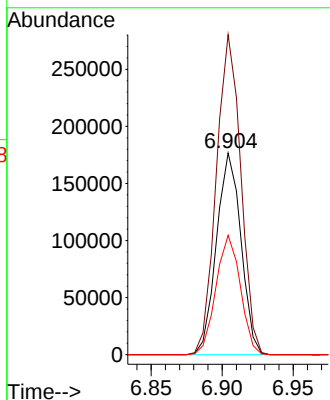
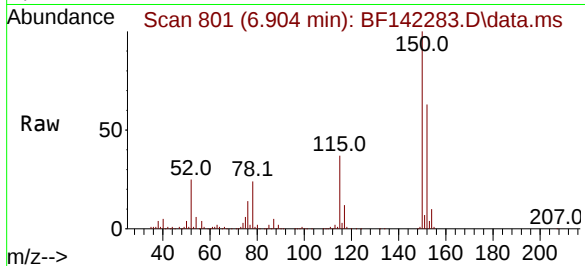




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

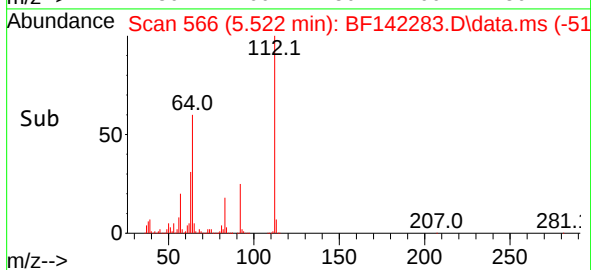
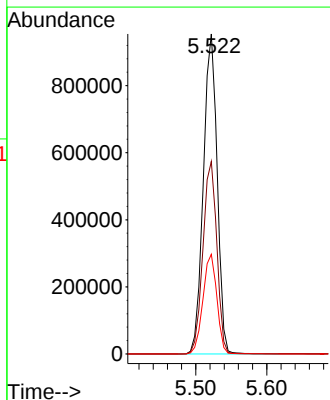
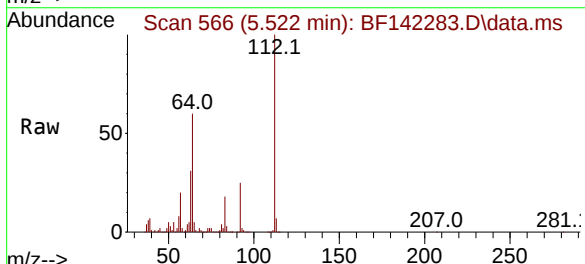
Instrument :
BNA_F
ClientSampleId :
WC-12

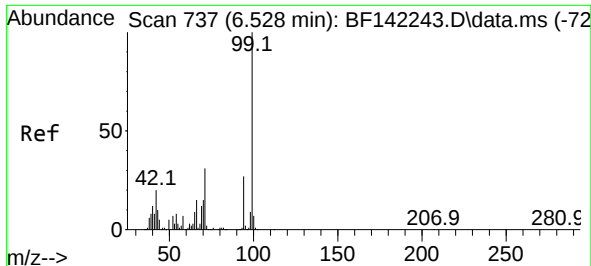
Tgt Ion:152 Resp: 211778
Ion Ratio Lower Upper
152 100
150 158.6 130.2 195.2
115 59.1 47.0 70.4



#5
2-Fluorophenol
Concen: 97.553 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:112 Resp: 1293600
Ion Ratio Lower Upper
112 100
64 60.1 48.4 72.6
63 31.1 24.8 37.2

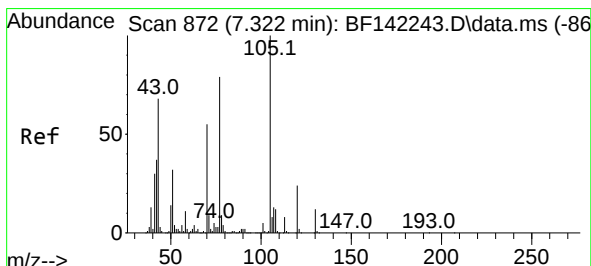
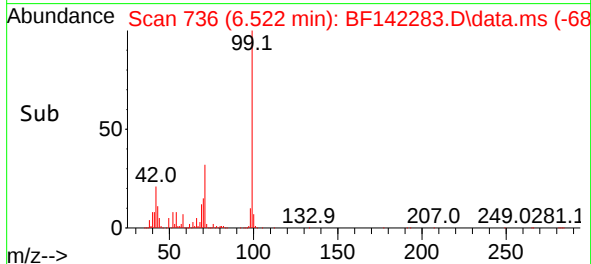
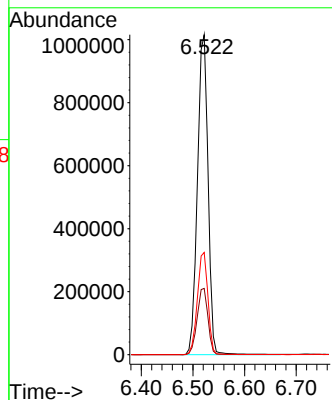
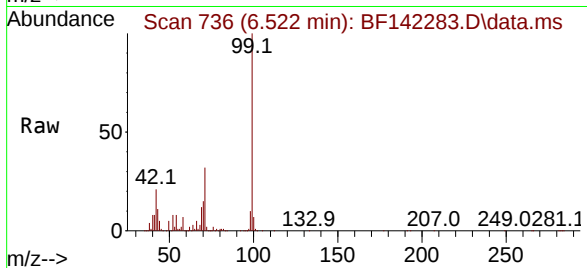




#7
Phenol-d6
Concen: 90.390 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

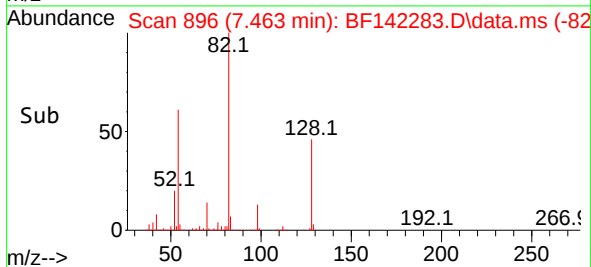
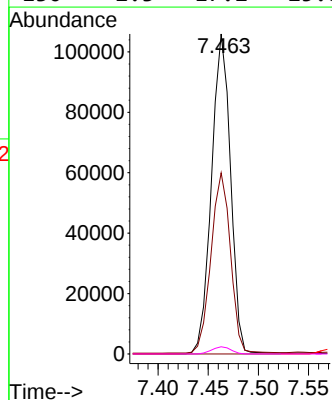
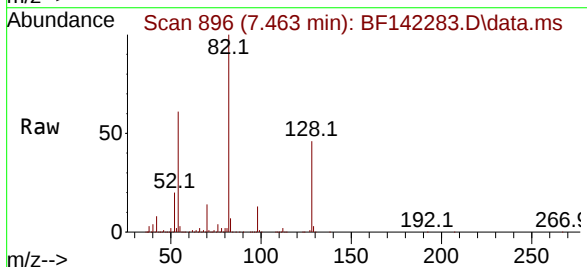
Instrument :
BNA_F
ClientSampleId :
WC-12

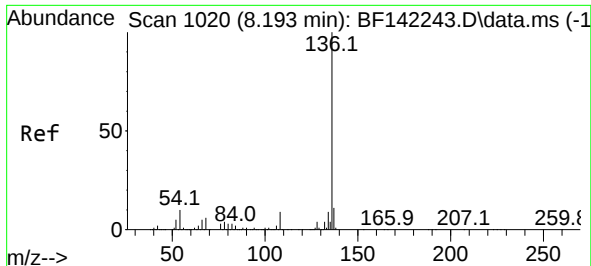
Tgt Ion: 99 Resp: 1447404
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.154 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion: 70 Resp: 140059
Ion Ratio Lower Upper
70 100
42 56.6 53.4 80.2
101 0.0 7.7 11.5#
130 2.3 17.2 25.8#



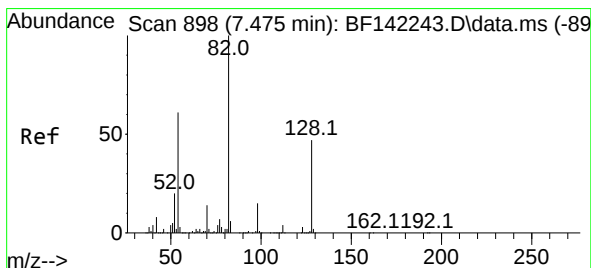
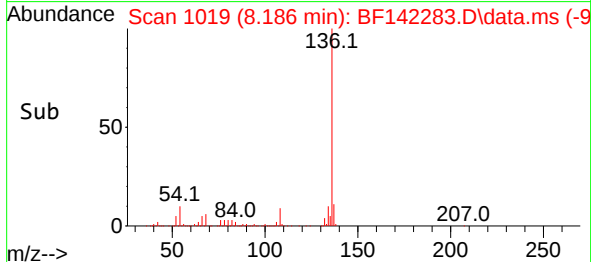
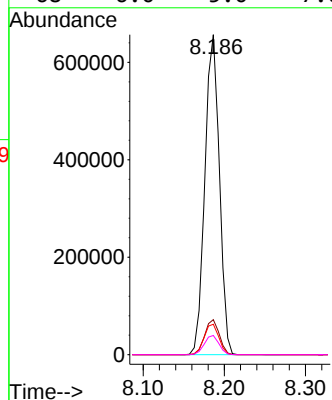
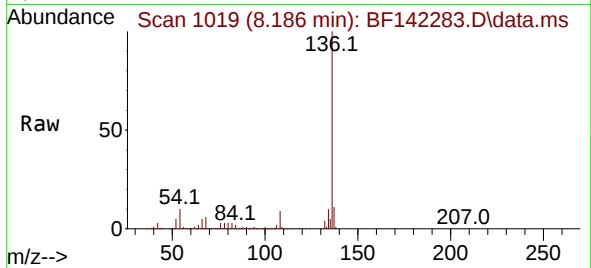


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Instrument :
BNA_F
ClientSampleId :
WC-12

Tgt Ion:136 Resp: 813579

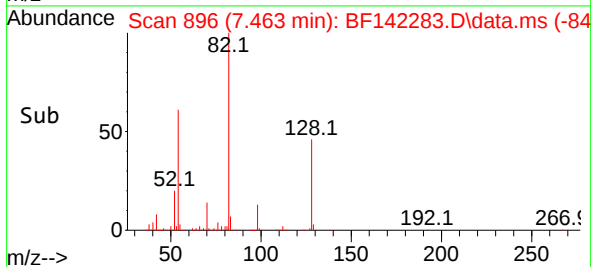
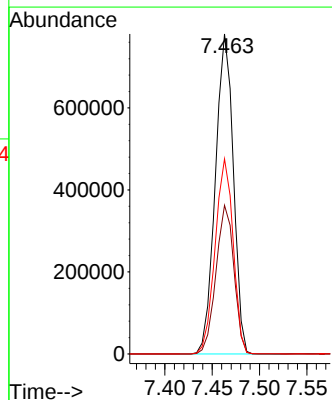
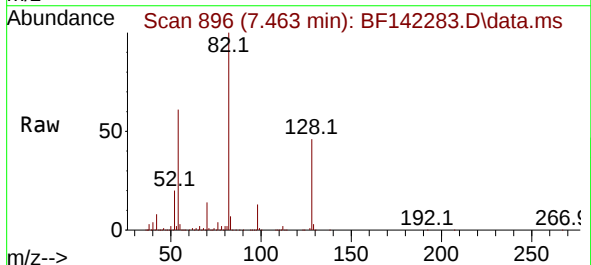
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	7.7	11.5
68	6.0	5.0	7.6

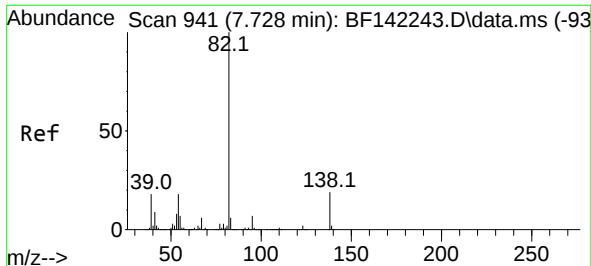


#23
Nitrobenzene-d5
Concen: 83.259 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion: 82 Resp: 1031055

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.6
54	60.9	48.0	72.0

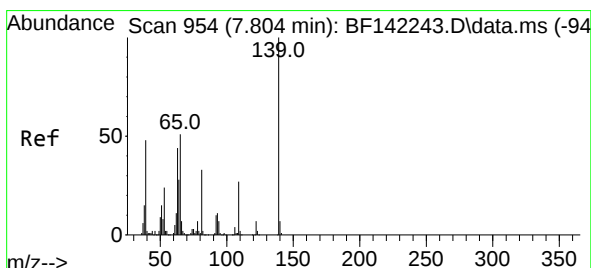
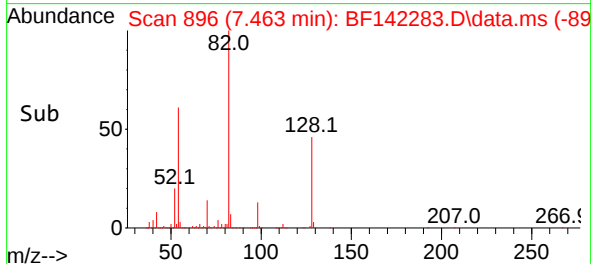
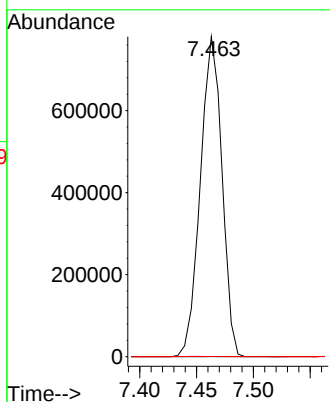
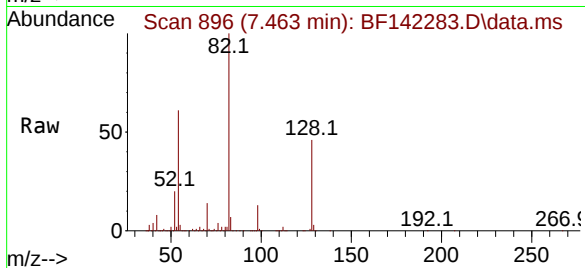




#25
Isophorone
Concen: 39.584 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

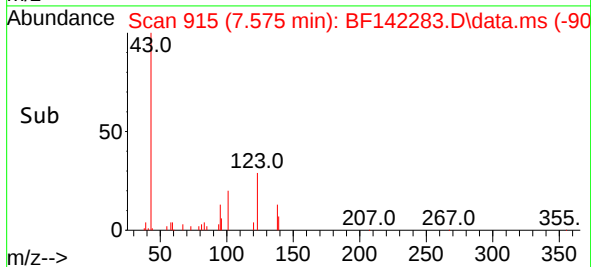
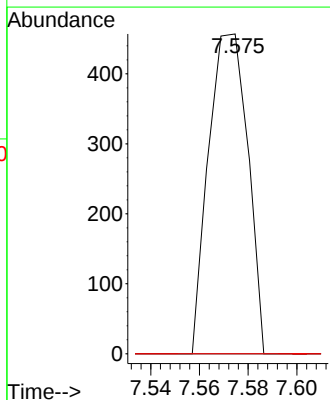
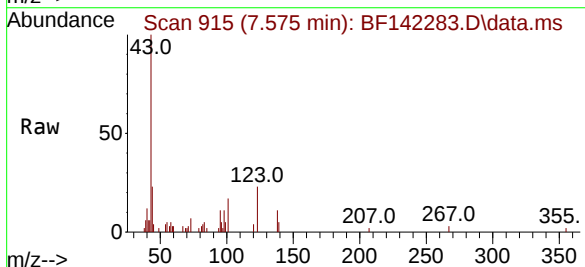
Instrument :
BNA_F
ClientSampleId :
WC-12

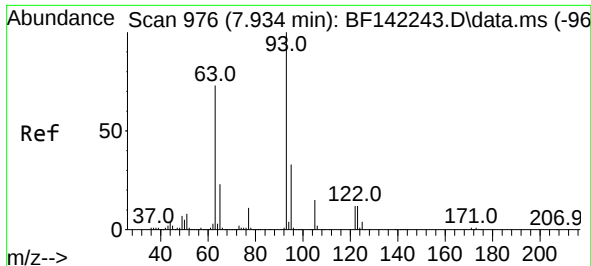
Tgt Ion: 82 Resp: 1028781
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.037 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:139 Resp: 512
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 0.0 41.1 61.7#

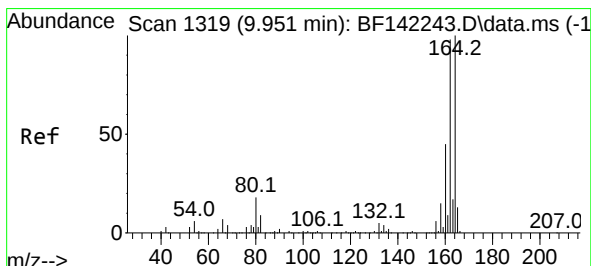
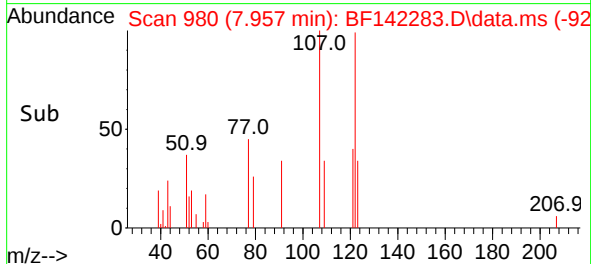
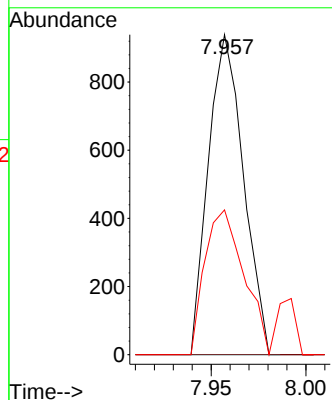
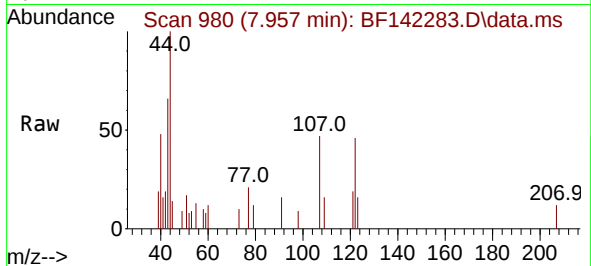




#32
Benzoic acid
Concen: 10.958 ng
RT: 7.957 min Scan# 91
Delta R.T. 0.023 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

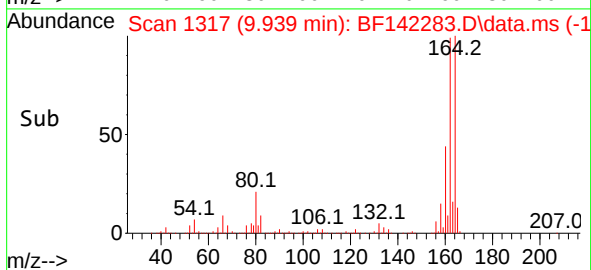
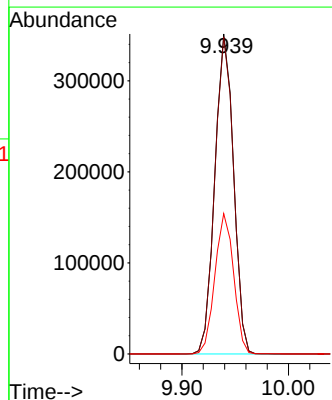
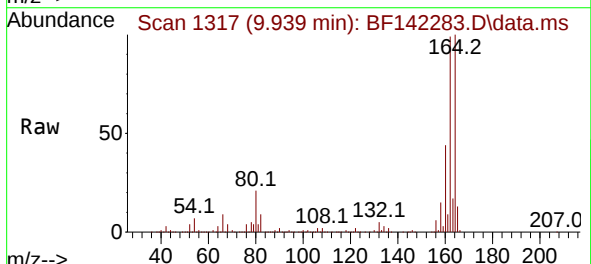
Instrument :
BNA_F
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WC-12

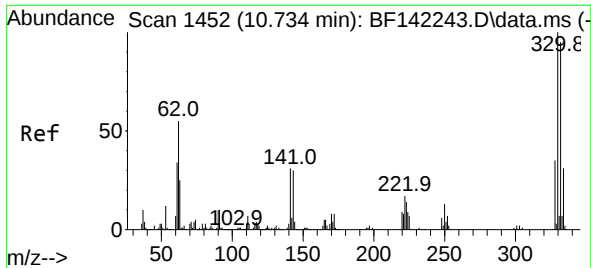
Tgt Ion:122 Resp: 1210
Ion Ratio Lower Upper
122 100
105 0.0 98.2 138.2#
77 45.3 66.8 106.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:164 Resp: 428114
Ion Ratio Lower Upper
164 100
162 99.1 78.6 117.8
160 43.9 35.7 53.5

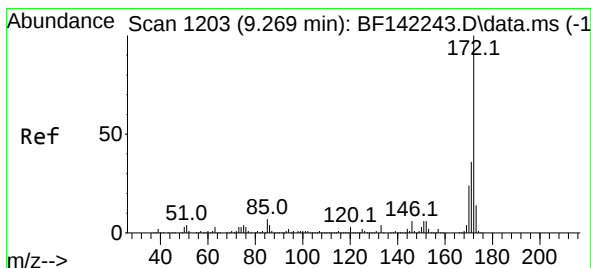
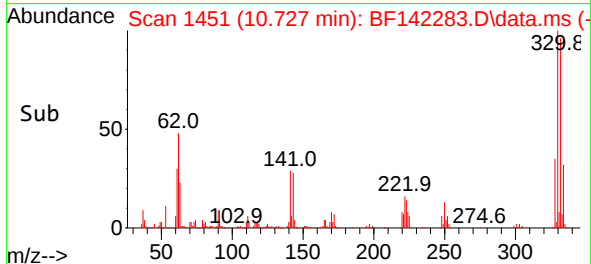
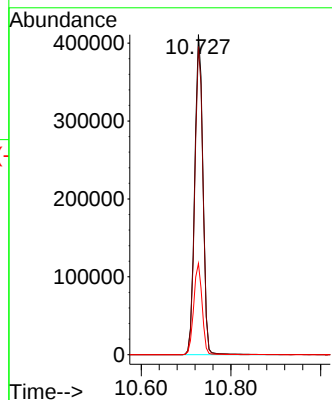
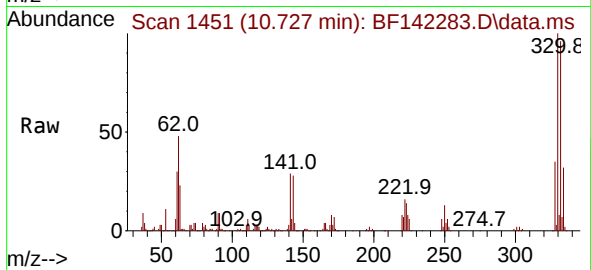




#42
2,4,6-Tribromophenol
Concen: 133.926 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

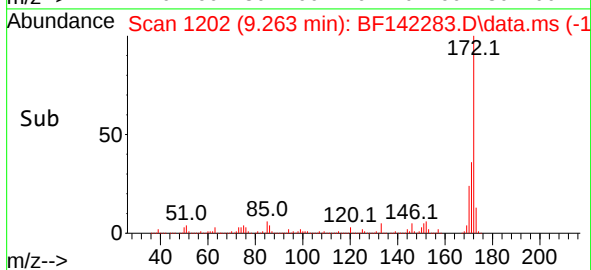
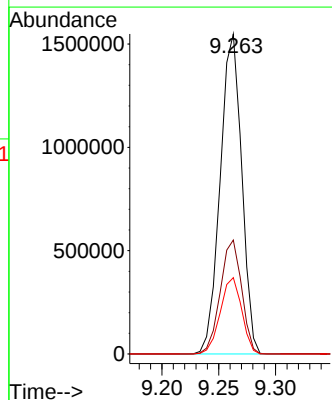
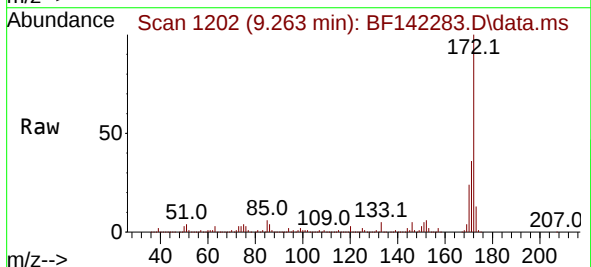
Instrument :
BNA_F
ClientSampleId :
WC-12

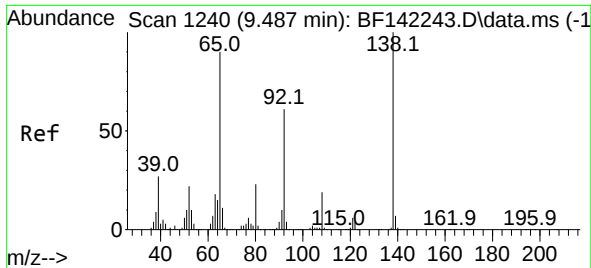
Tgt Ion:330 Resp: 522692
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 29.0 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 67.236 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:172 Resp: 2041510
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.9 19.4 29.0





#48

2-Nitroaniline

Concen: 5.200 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.230 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

Instrument :

BNA_F

ClientSampleId :

WC-12

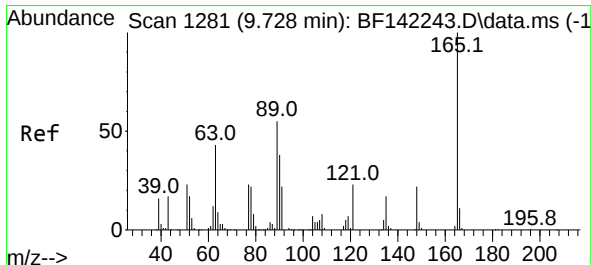
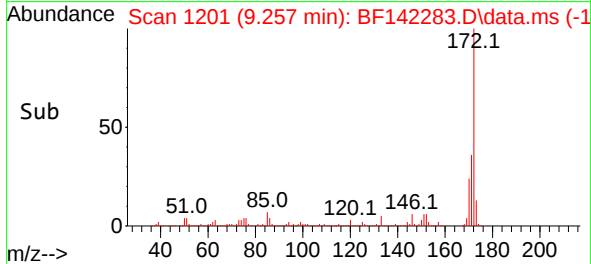
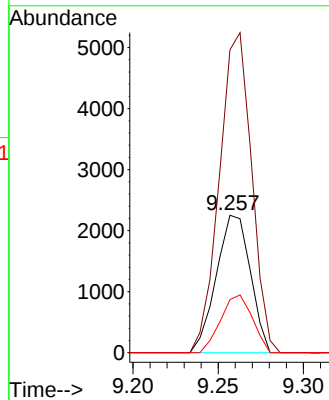
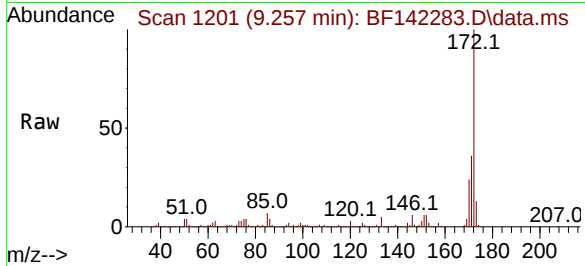
Tgt Ion: 65 Resp: 3127

Ion Ratio Lower Upper

65 100

92 220.3 54.3 81.5#

138 38.7 88.6 133.0#



#51

2,6-Dinitrotoluene

Concen: 13.716 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.211 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

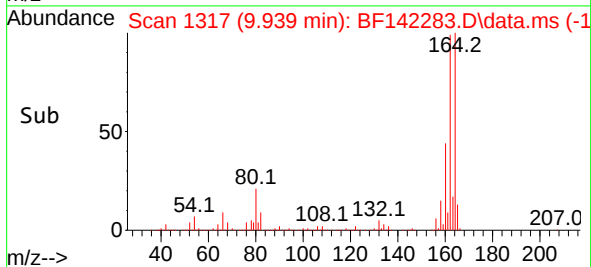
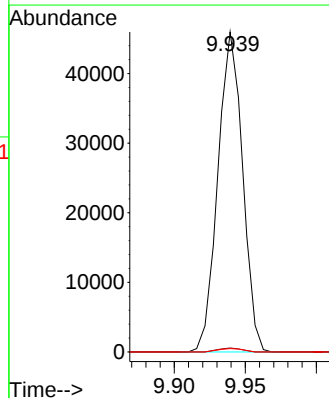
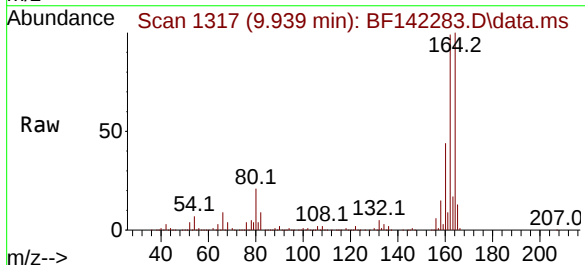
Tgt Ion:165 Resp: 55570

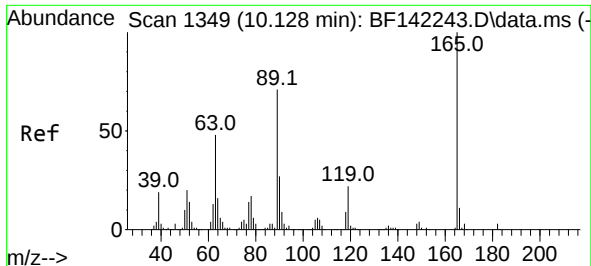
Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

89 1.0 43.9 65.9#

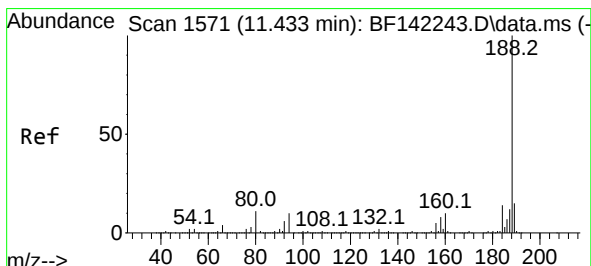
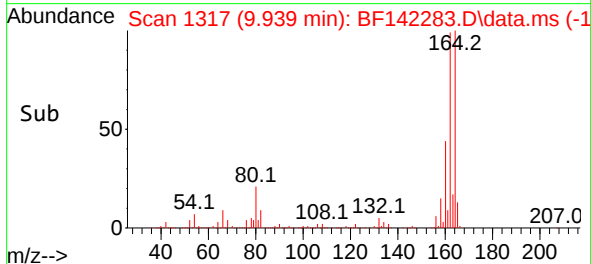
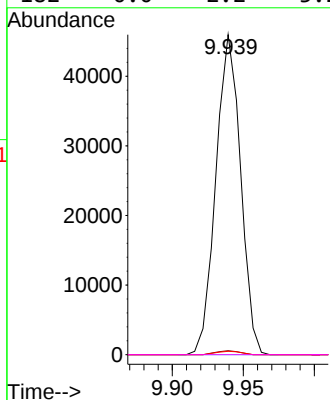
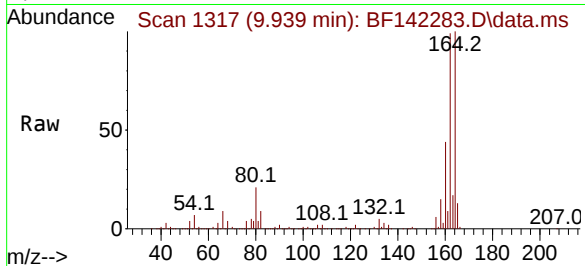




#57
2,4-Dinitrotoluene
Concen: 12.850 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

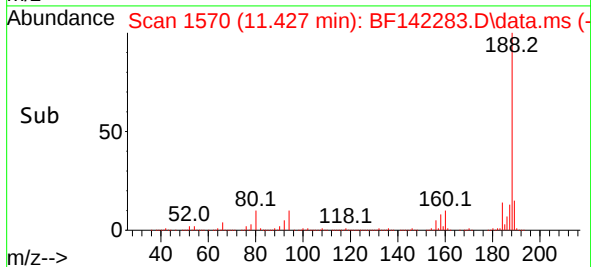
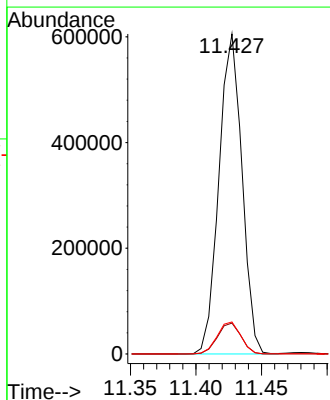
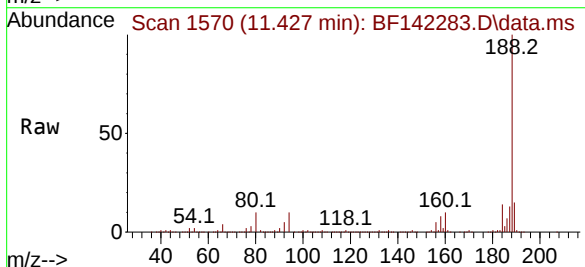
Instrument :
BNA_F
ClientSampleId :
WC-12

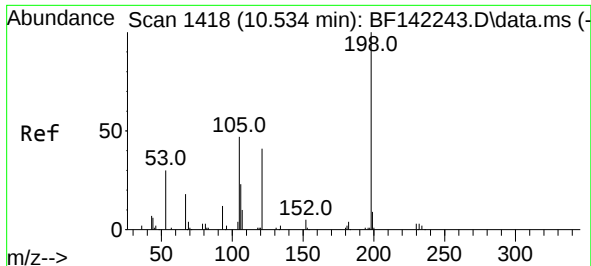
Tgt Ion:165 Resp: 55570
Ion Ratio Lower Upper
165 100
63 1.3 38.8 58.2#
89 1.0 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:188 Resp: 738540
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.0 8.6 12.8

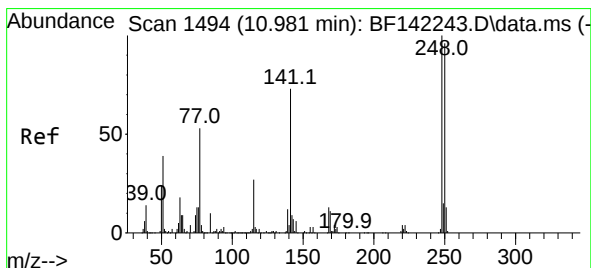
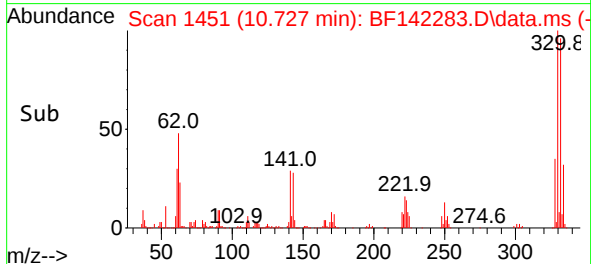
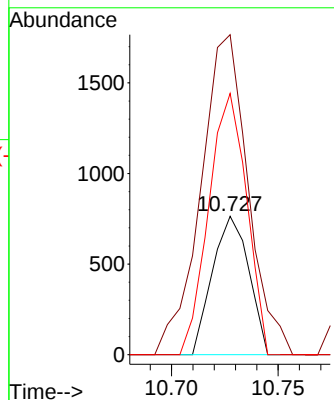
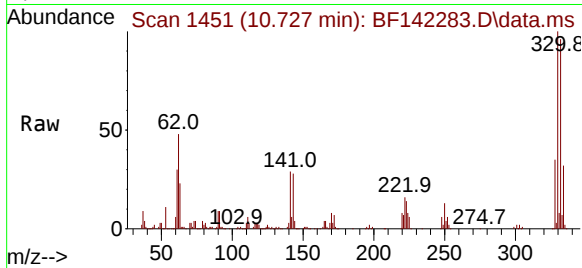




#65
4,6-Dinitro-2-methylphenol
Concen: 10.902 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.193 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

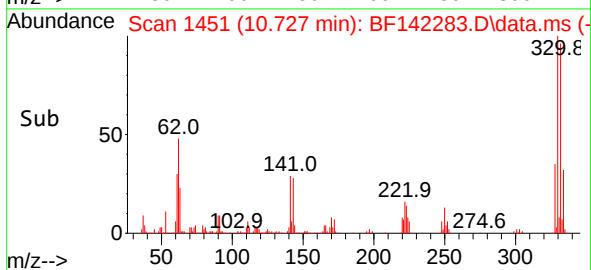
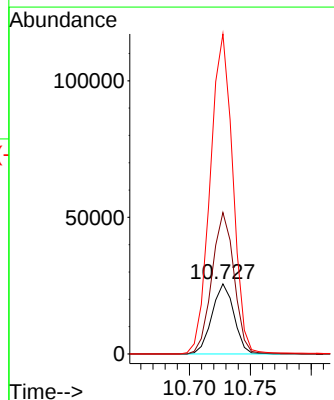
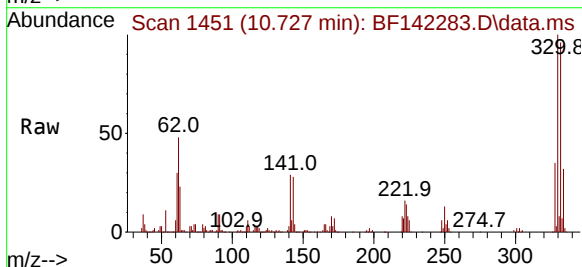
Instrument :
BNA_F
ClientSampleId :
WC-12

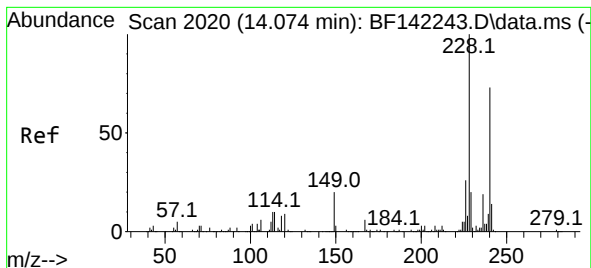
Tgt Ion:198 Resp: 907
Ion Ratio Lower Upper
198 100
51 231.2 40.6 80.6#
105 188.7 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 3.919 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:248 Resp: 32234
Ion Ratio Lower Upper
248 100
250 201.9 77.2 115.8#
141 456.8 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

Instrument :

BNA_F

ClientSampleId :

WC-12

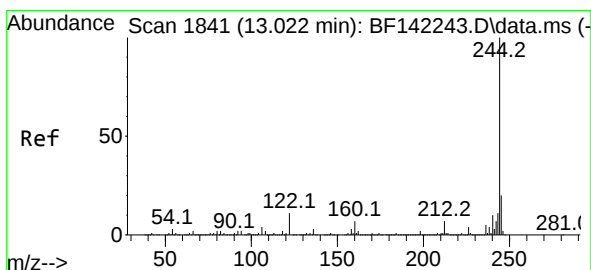
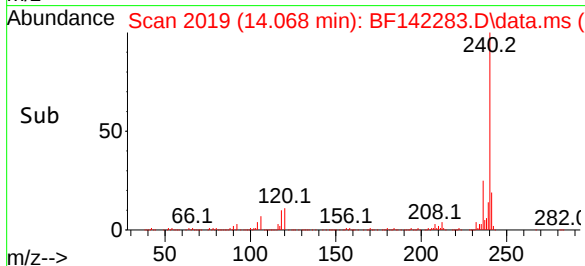
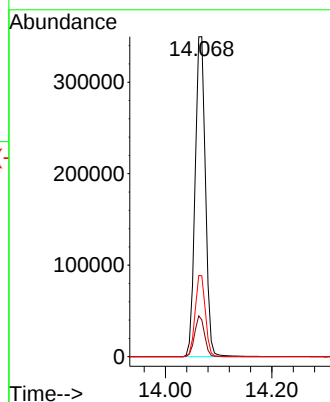
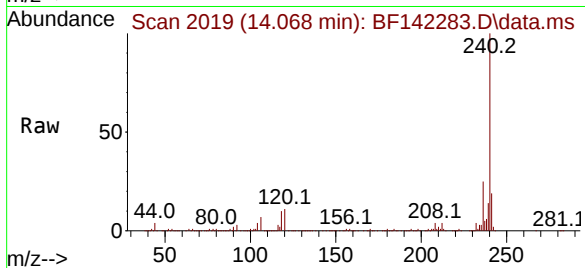
Tgt Ion:240 Resp: 471878

Ion Ratio Lower Upper

240 100

120 11.5 10.1 15.1

236 25.3 20.5 30.7



#79

Terphenyl-d14

Concen: 74.579 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

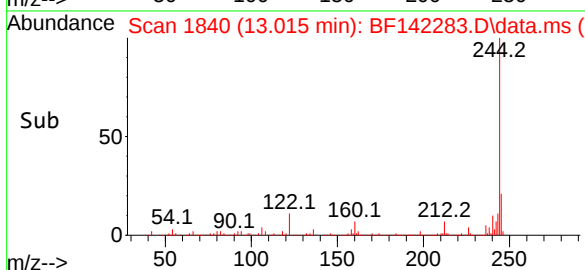
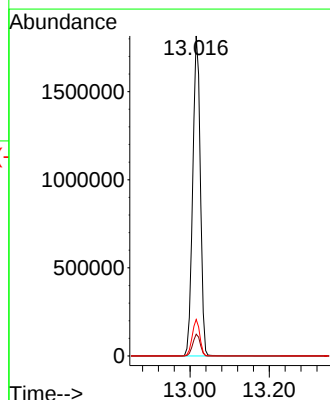
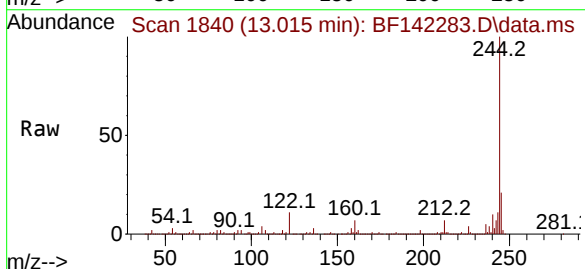
Tgt Ion:244 Resp: 2419680

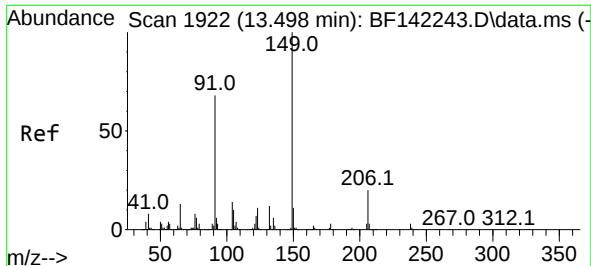
Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 11.4 9.1 13.7

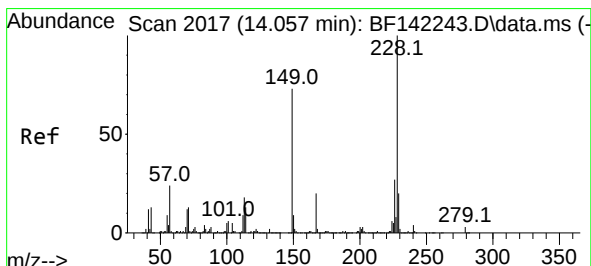
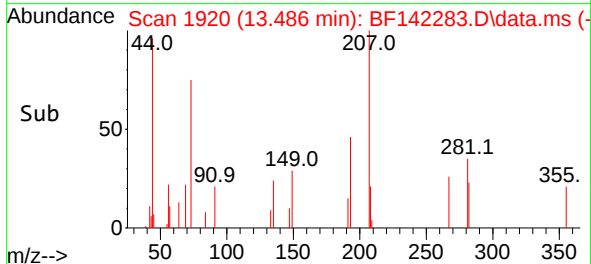
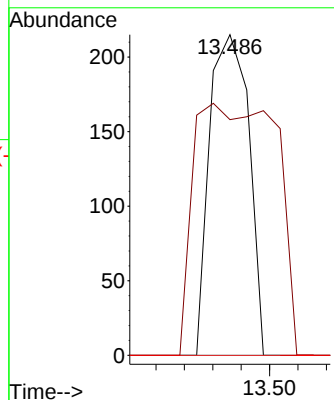
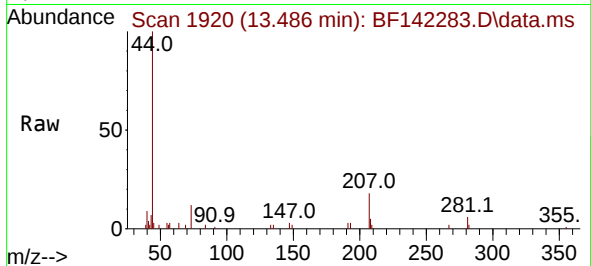




#80
 Butylbenzylphthalate
 Concen: 3.732 ng
 RT: 13.486 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF142283.D
 Acq: 02 May 2025 16:20

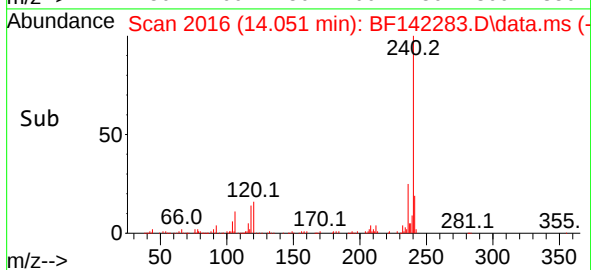
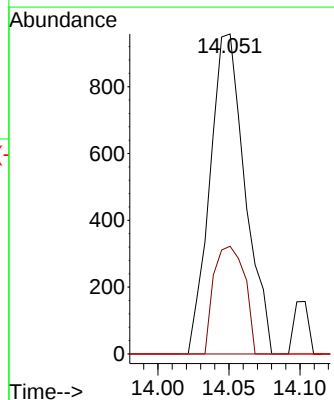
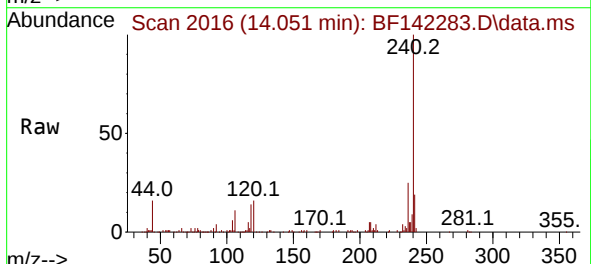
Instrument :
 BNA_F
 ClientSampleId :
 WC-12

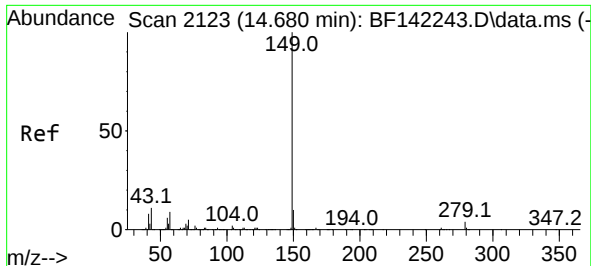
Tgt Ion:149	Resp:	206
Ion Ratio	Lower	Upper
149	100	
91	73.5	54.4 81.6
206	0.0	15.9 23.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.547 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142283.D
 Acq: 02 May 2025 16:20

Tgt Ion:149	Resp:	1649
Ion Ratio	Lower	Upper
149	100	
167	33.6	21.7 32.5#
279	0.0	3.0 4.4#

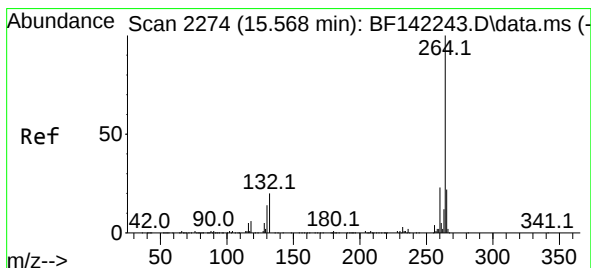
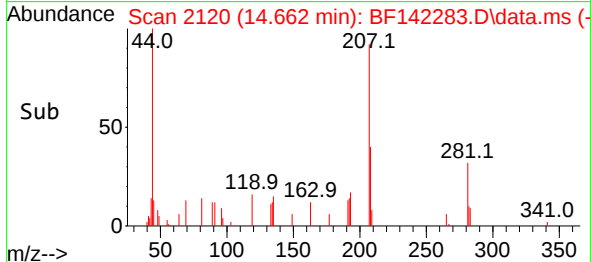
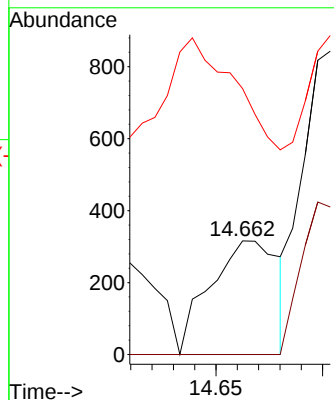
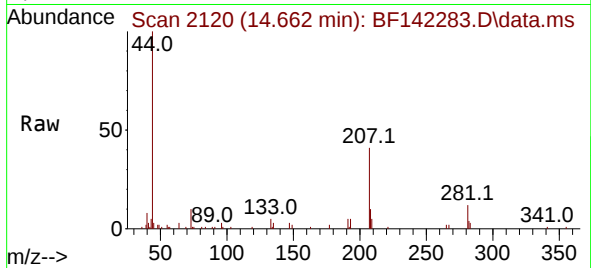




#85
Di-n-octyl phthalate
Concen: 6.088 ng
RT: 14.662 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Instrument :
BNA_F
ClientSampleId :
WC-12

Tgt Ion:149 Resp: 700
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.3 13.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142283.D
Acq: 02 May 2025 16:20

Tgt Ion:264 Resp: 239049
Ion Ratio Lower Upper
264 100
260 24.8 18.4 27.6
265 19.9 17.3 25.9

