

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142261.D
 Acq On : 01 May 2025 15:34
 Operator : RC/JU
 Sample : Q1915-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04282025

Quant Time: May 01 16:06:40 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)

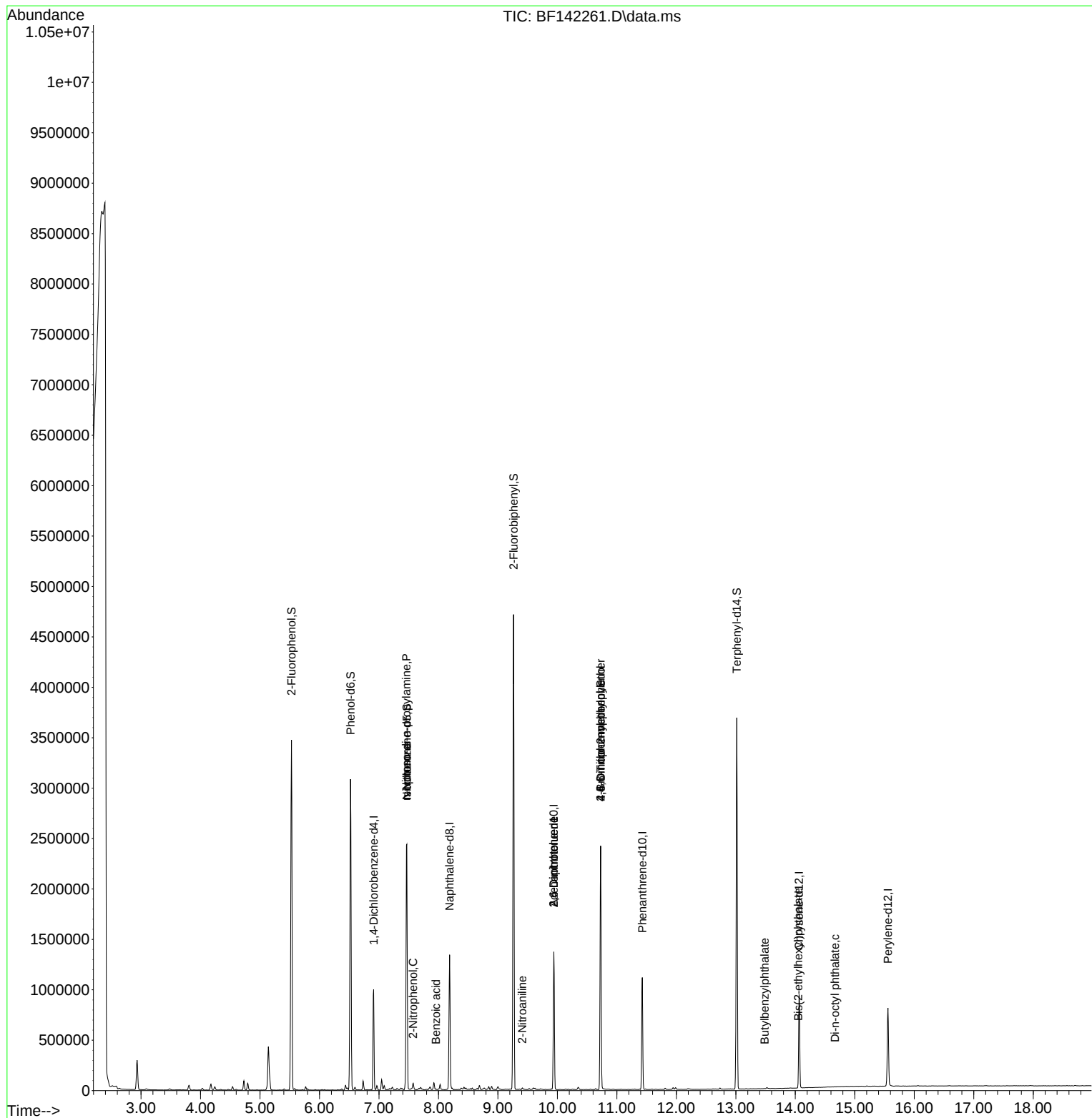
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	210959	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	797035	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392717	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	545118	20.000	ng	0.00
76) Chrysene-d12	14.062	240	445392	20.000	ng	-0.01
86) Perylene-d12	15.556	264	444396	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1332052	100.843	ng	0.01
7) Phenol-d6	6.522	99	1461054	91.596	ng	0.00
23) Nitrobenzene-d5	7.469	82	1053543	86.841	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	416794	116.418	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2097570	75.309	ng	0.00
79) Terphenyl-d14	13.015	244	1769965	57.797	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	144852	14.696	ng	# 79
25) Isophorone	7.469	82	1052039	41.319	ng	# 64
26) 2-Nitrophenol	7.575	139	711	5.080	ng	# 58
32) Benzoic acid	7.957	122	601	10.884	ng	# 81
48) 2-Nitroaniline	9.410	65	204	4.799	ng	# 3
51) 2,6-Dinitrotoluene	9.939	165	51170	13.753	ng	# 24
57) 2,4-Dinitrotoluene	9.939	165	51171	12.880	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	840	10.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	25431	4.189	ng	# 1
80) Butylbenzylphthalate	13.486	149	413	3.750	ng	# 81
84) Bis(2-ethylhexyl)phtha...	14.051	149	1749	3.558	ng	# 78
85) Di-n-octyl phthalate	14.668	149	647	6.088	ng	# 1

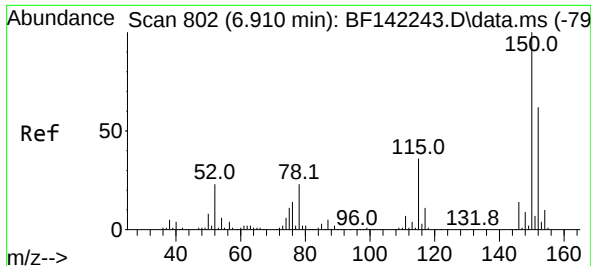
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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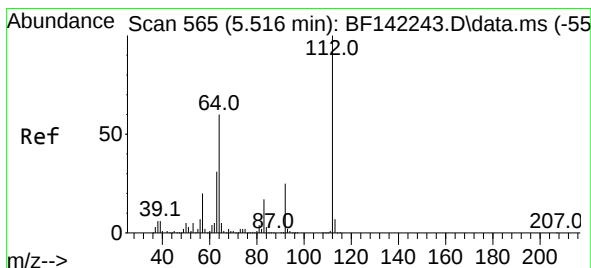
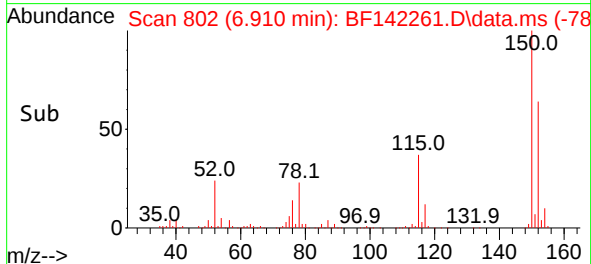
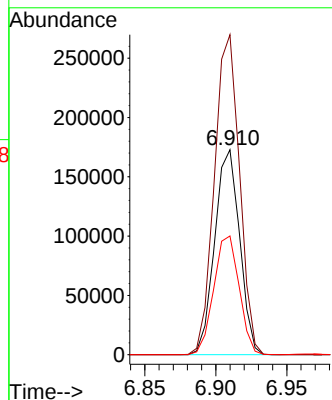
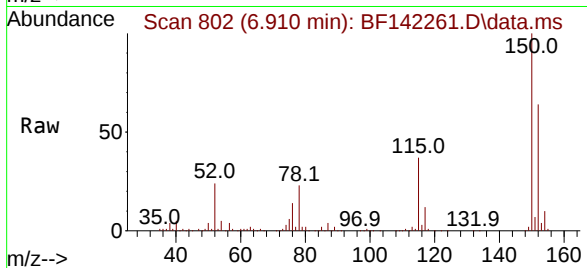




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF142261.D
 Acq: 01 May 2025 15:34

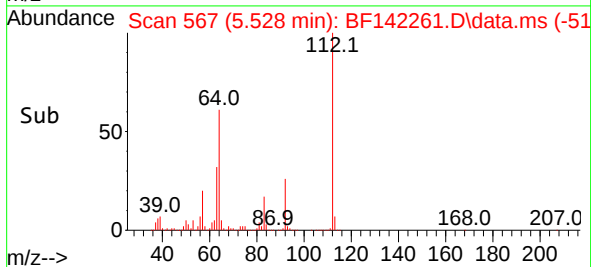
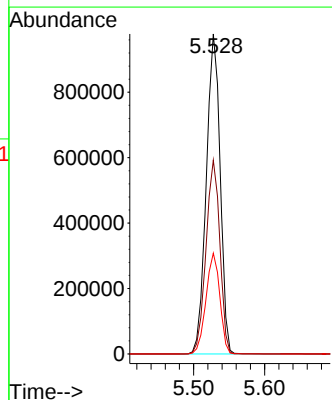
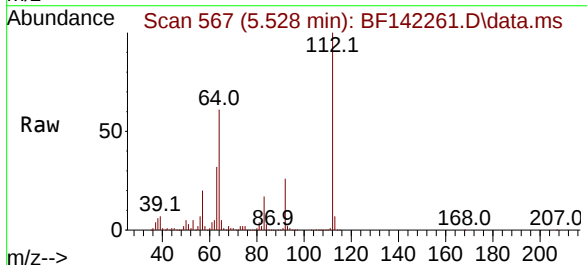
Instrument :
 BNA_F
 ClientSampleId :
 WC-04282025

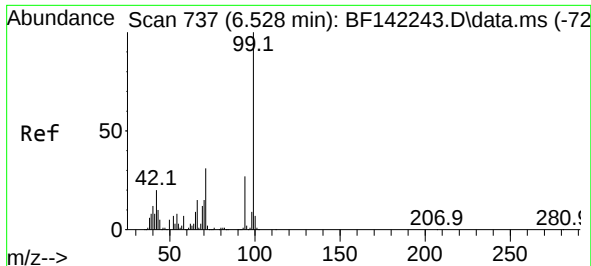
Tgt Ion:152 Resp: 210959
 Ion Ratio Lower Upper
 152 100
 150 156.1 130.2 195.2
 115 57.9 47.0 70.4



#5
 2-Fluorophenol
 Concen: 100.843 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.011 min
 Lab File: BF142261.D
 Acq: 01 May 2025 15:34

Tgt Ion:112 Resp: 1332052
 Ion Ratio Lower Upper
 112 100
 64 60.6 48.4 72.6
 63 31.5 24.8 37.2





#7

Phenol-d6

Concen: 91.596 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

Instrument :

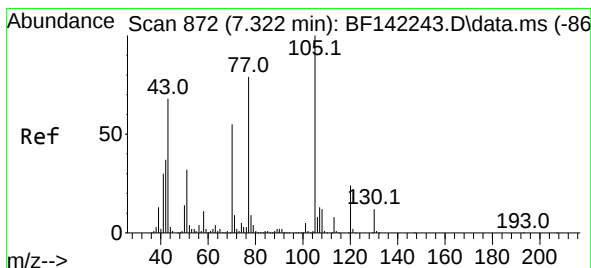
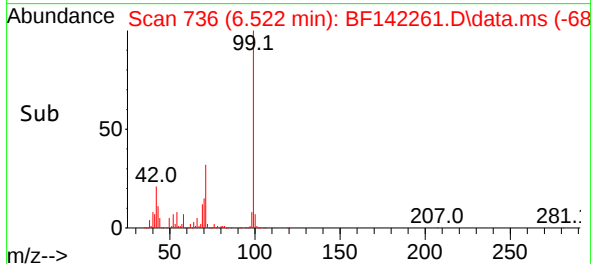
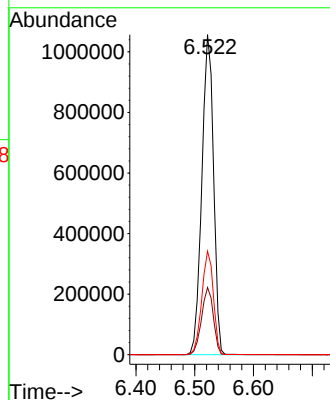
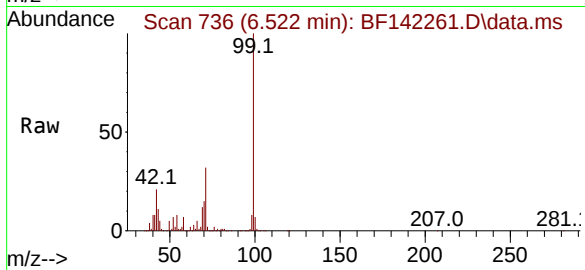
BNA_F

ClientSampleId :

WC-04282025

Tgt Ion: 99 Resp: 1461054

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	32.4	25.0	37.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.696 ng

RT: 7.463 min Scan# 896

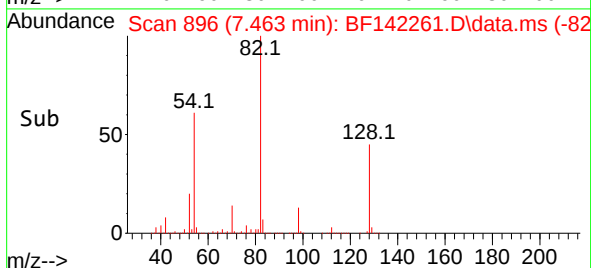
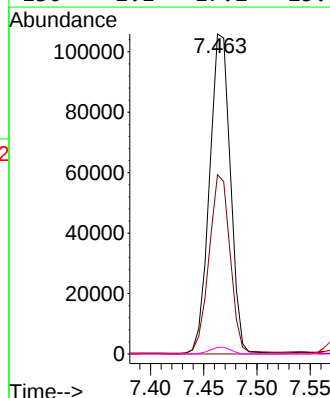
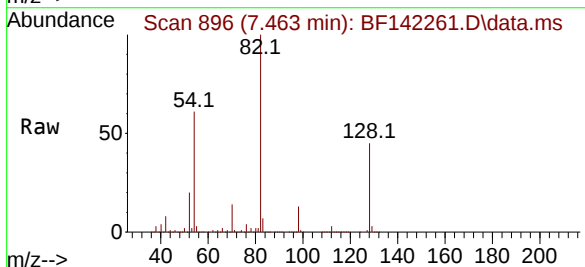
Delta R.T. 0.141 min

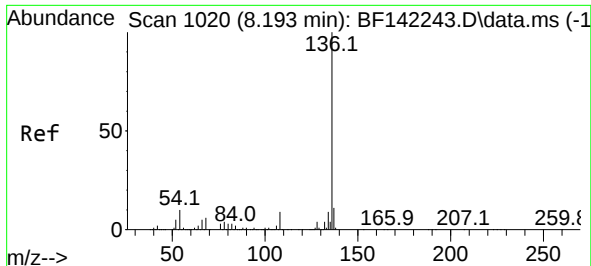
Lab File: BF142261.D

Acq: 01 May 2025 15:34

Tgt Ion: 70 Resp: 144852

Ion	Ratio	Lower	Upper
70	100		
42	56.1	53.4	80.2
101	0.0	7.7	11.5#
130	2.1	17.2	25.8#

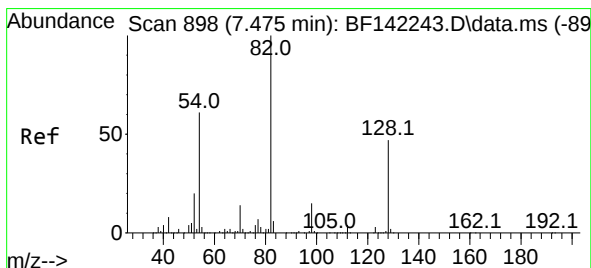
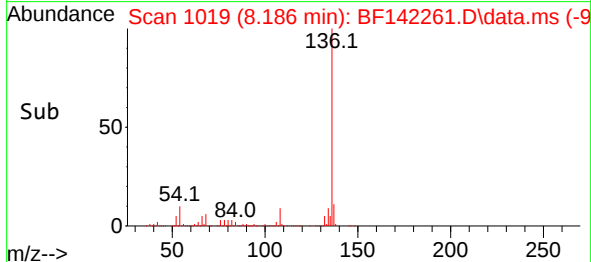
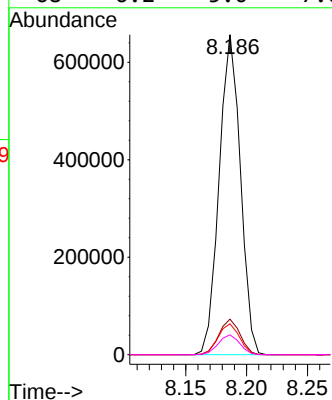
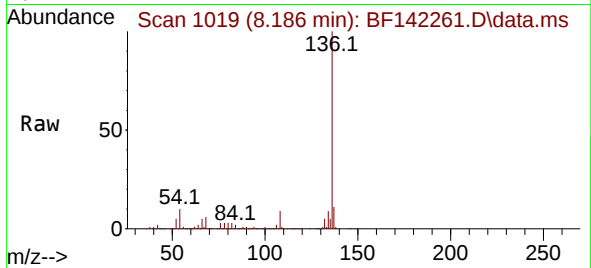




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

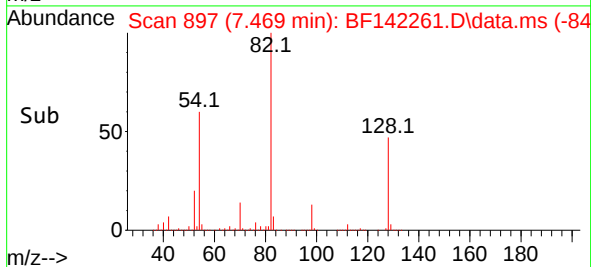
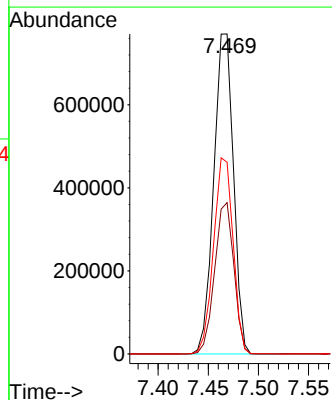
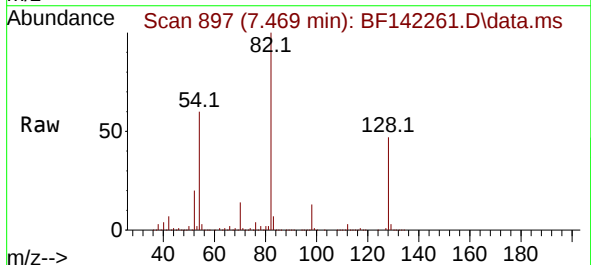
Instrument :
BNA_F
ClientSampleId :
WC-04282025

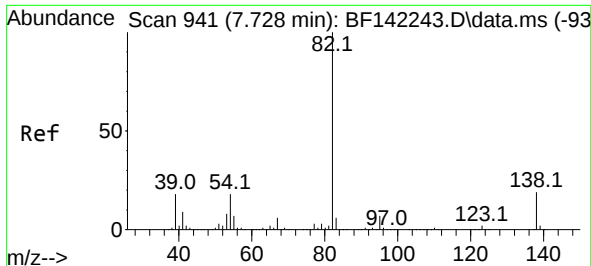
Tgt Ion:136 Resp: 797035
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.7 7.7 11.5
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.841 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion: 82 Resp: 1053543
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.6
54 59.9 48.0 72.0

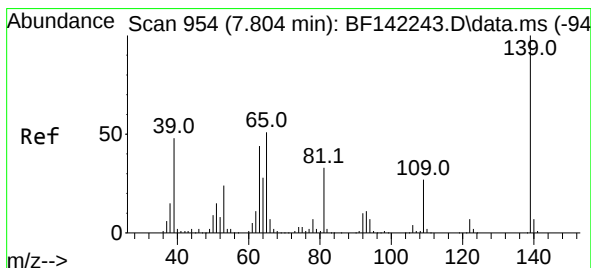
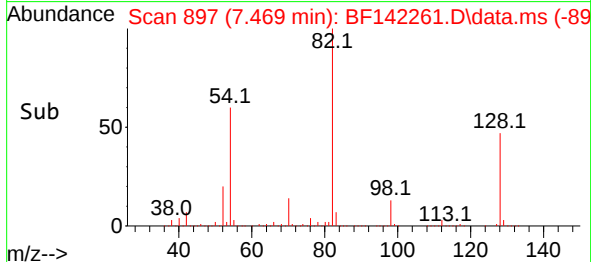
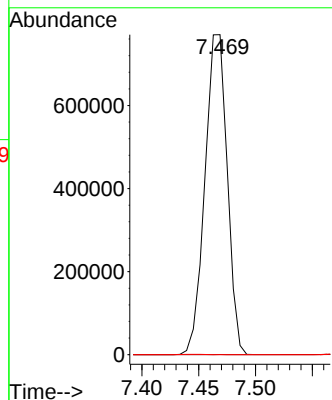
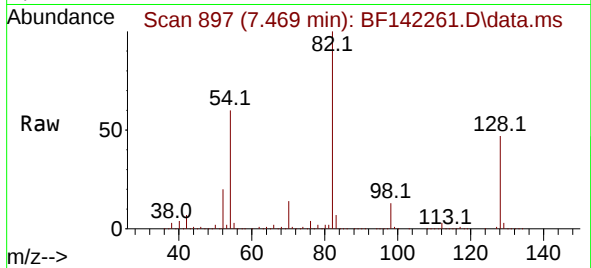




#25
Isophorone
Concen: 41.319 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

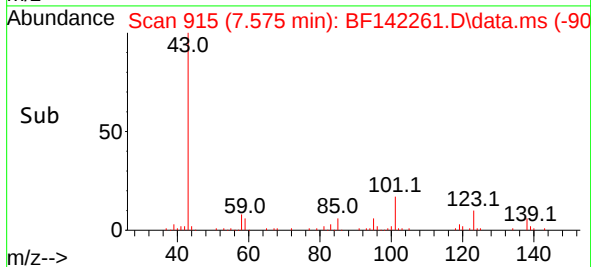
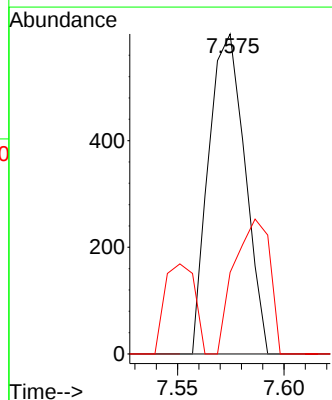
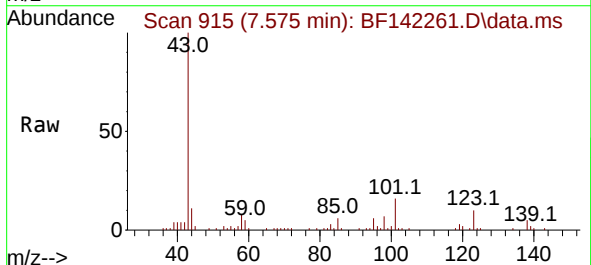
Instrument :
BNA_F
ClientSampleId :
WC-04282025

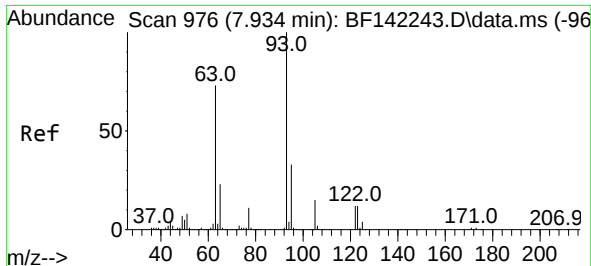
Tgt Ion: 82 Resp: 1052039
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.080 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:139 Resp: 711
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 25.5 41.1 61.7#

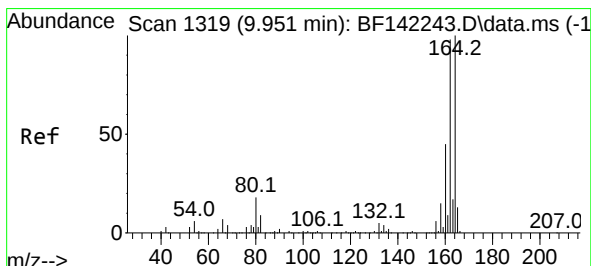
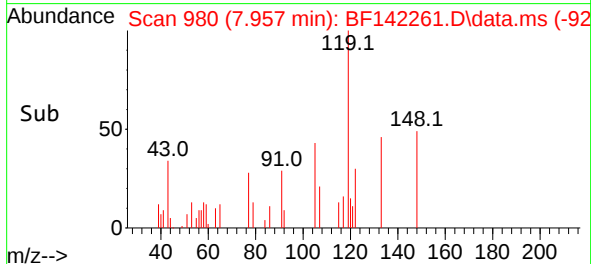
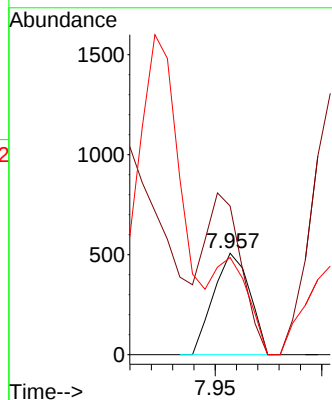
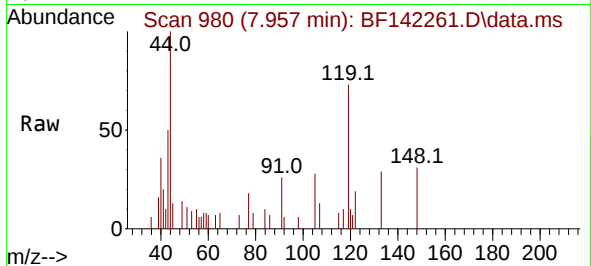




#32
Benzoic acid
Concen: 10.884 ng
RT: 7.957 min Scan# 91
Delta R.T. 0.023 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

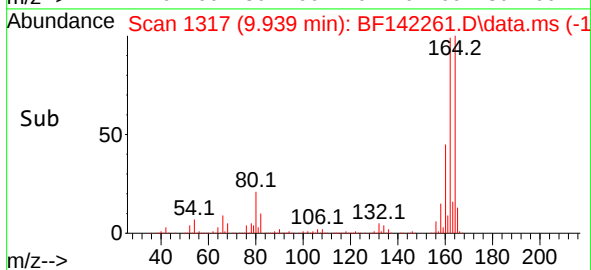
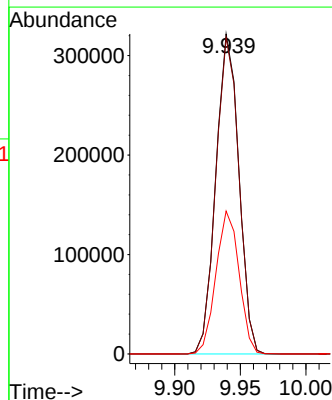
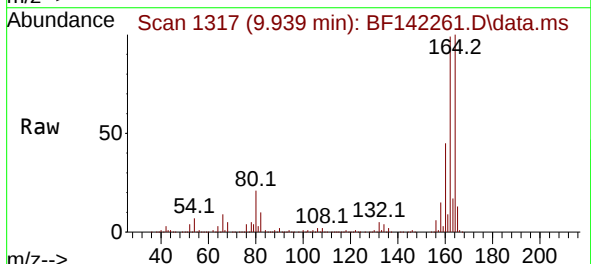
Instrument :
BNA_F
ClientSampleId :
WC-04282025

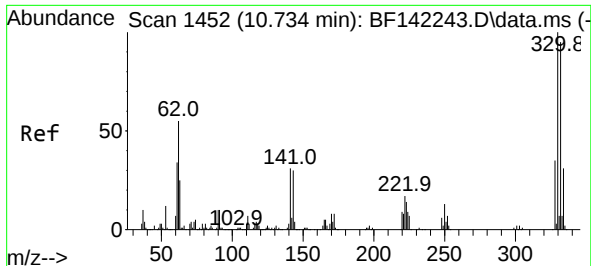
Tgt Ion:122 Resp: 601
Ion Ratio Lower Upper
122 100
105 146.5 98.2 138.2#
77 95.9 66.8 106.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:164 Resp: 392717
Ion Ratio Lower Upper
164 100
162 98.9 78.6 117.8
160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 116.418 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142261.D

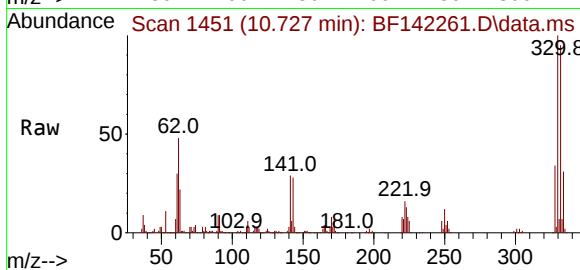
Acq: 01 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

WC-04282025



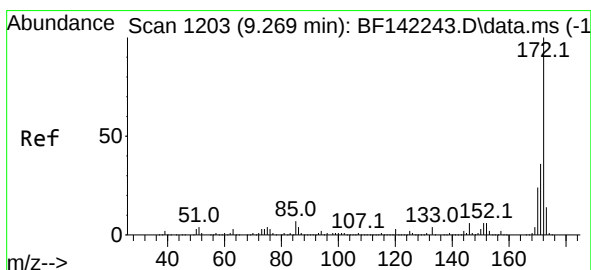
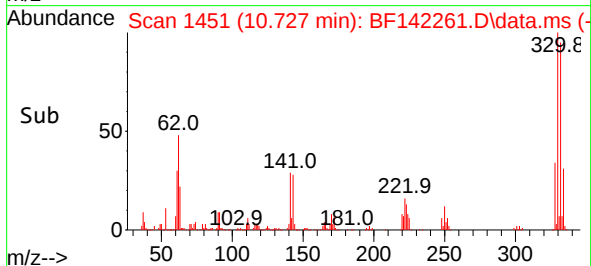
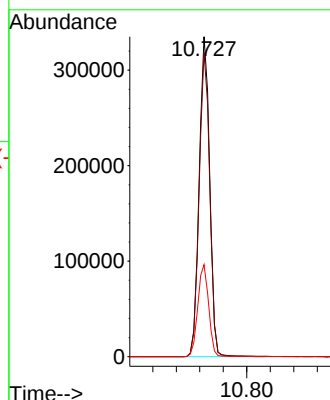
Tgt Ion:330 Resp: 416794

Ion Ratio Lower Upper

330 100

332 95.2 76.5 114.7

141 29.5 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 75.309 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

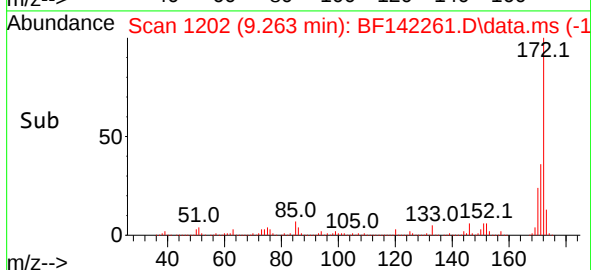
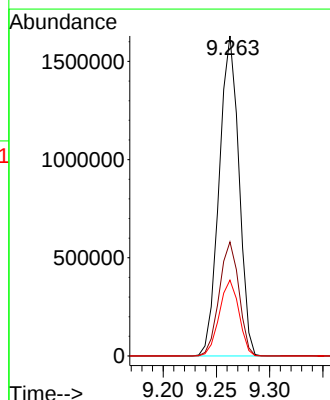
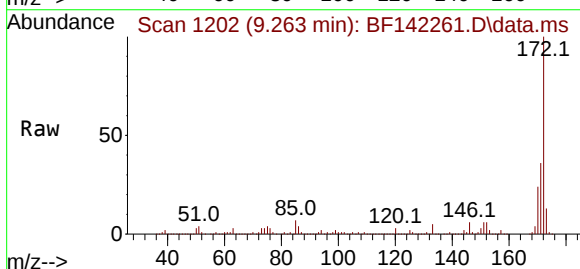
Tgt Ion:172 Resp: 2097570

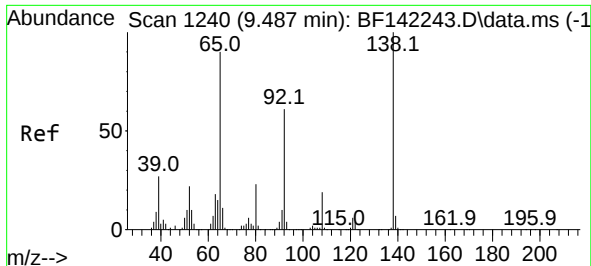
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 23.7 19.4 29.0

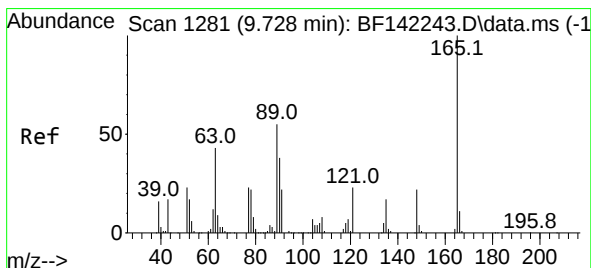
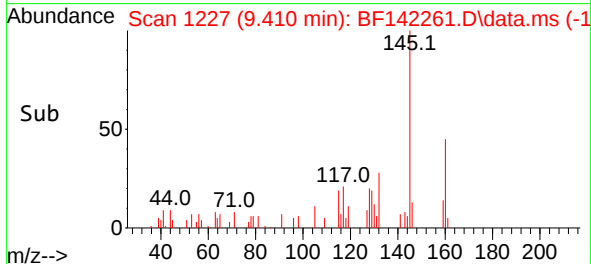
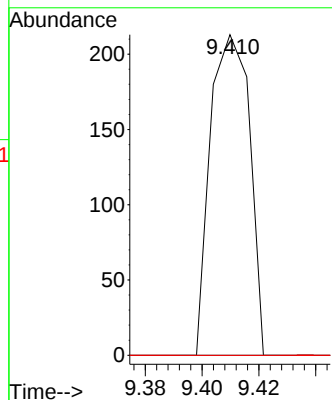
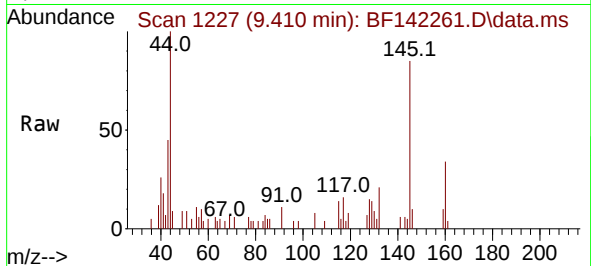




#48
2-Nitroaniline
Concen: 4.799 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.077 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

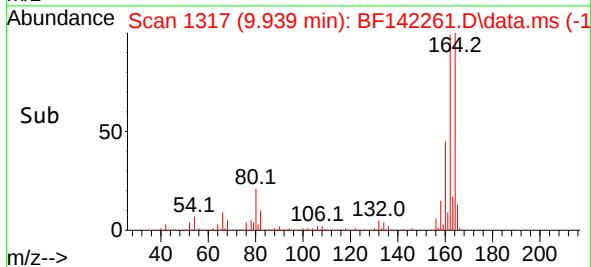
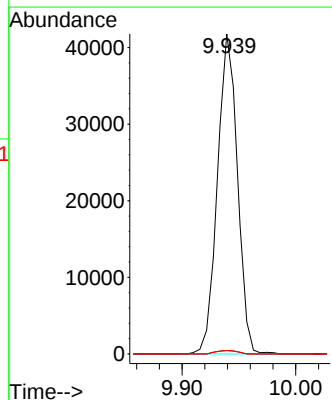
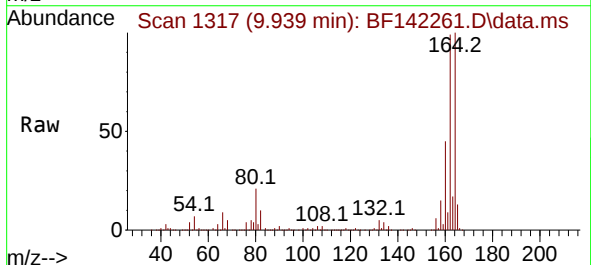
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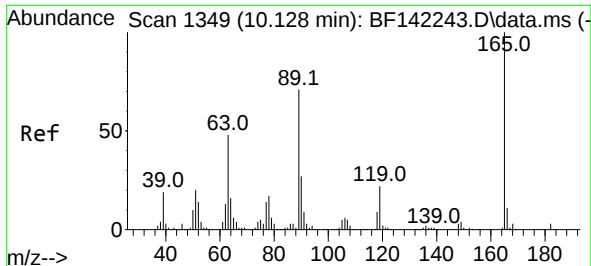
Tgt Ion: 65 Resp: 204
Ion Ratio Lower Upper
65 100
92 0.0 54.3 81.5#
138 0.0 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.753 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion: 165 Resp: 51170
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.1 43.9 65.9#

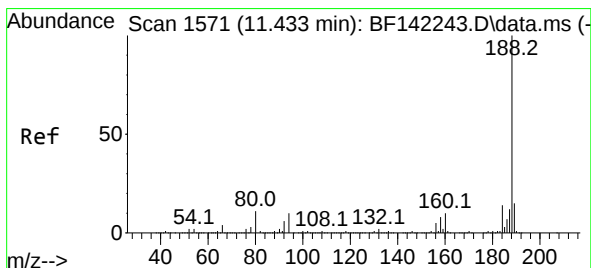
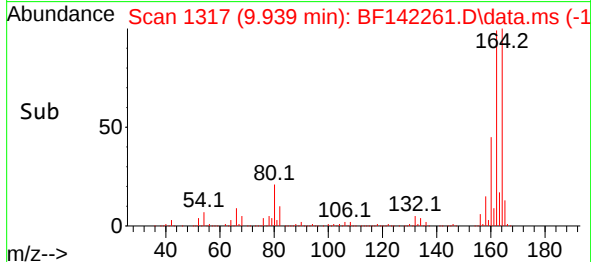
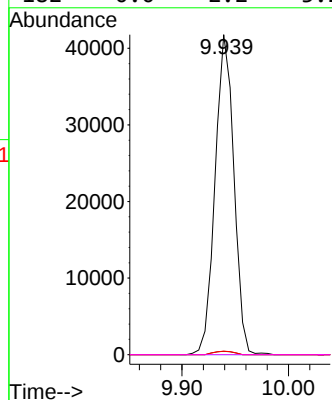
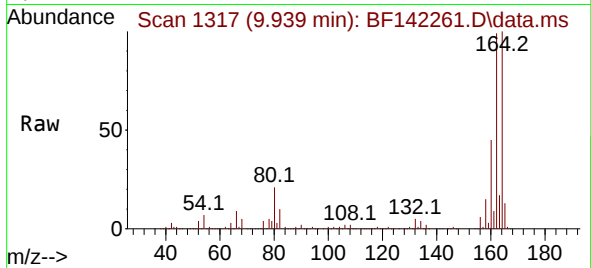




#57
2,4-Dinitrotoluene
Concen: 12.880 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

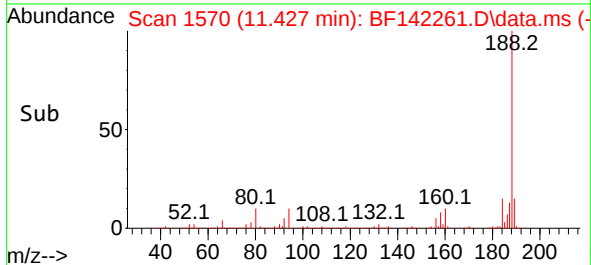
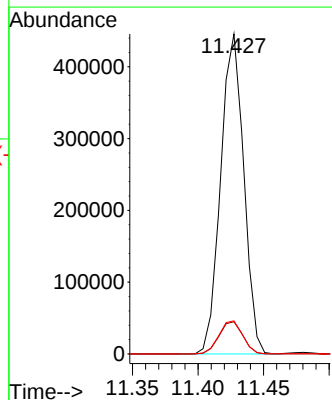
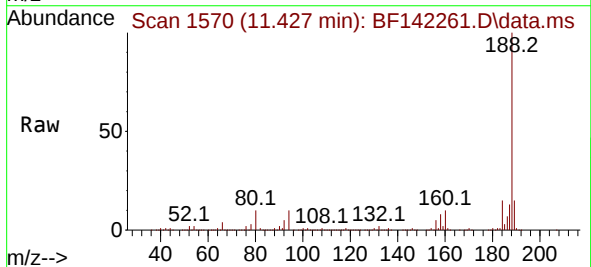
Instrument :
BNA_F
ClientSampleId :
WC-04282025

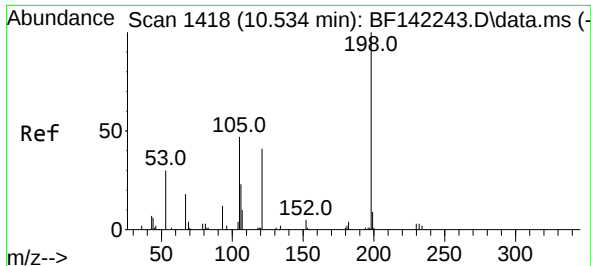
Tgt Ion:165 Resp: 51171
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.1 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:188 Resp: 545118
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.6 12.8

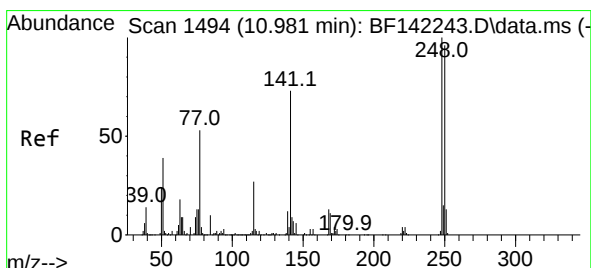
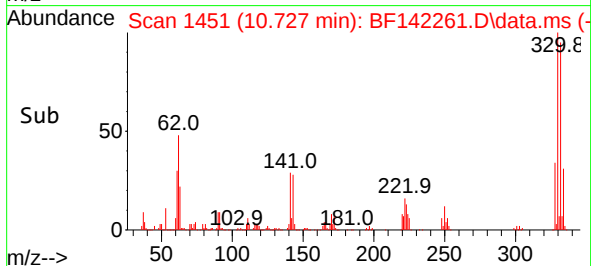
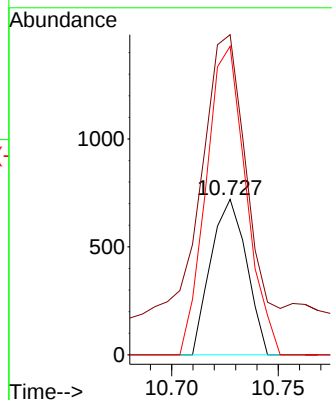
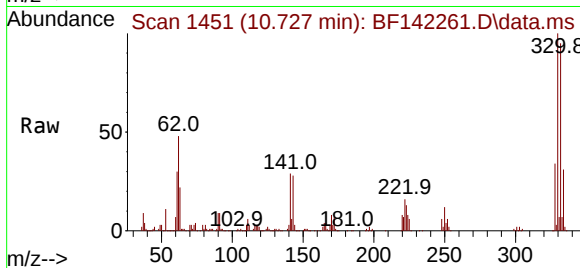




#65
4,6-Dinitro-2-methylphenol
Concen: 10.976 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.193 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

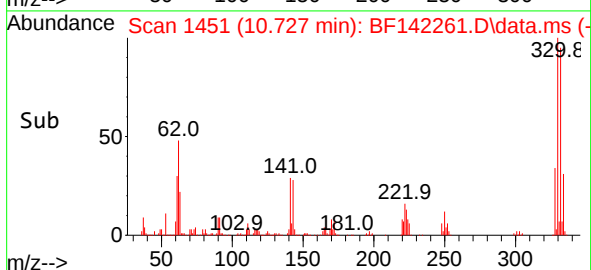
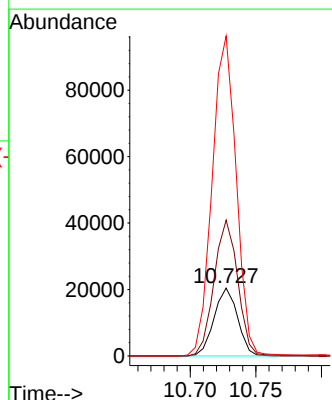
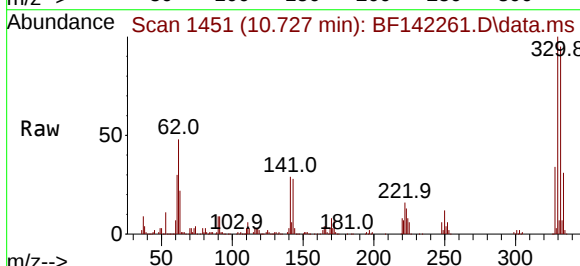
Instrument :
BNA_F
ClientSampleId :
WC-04282025

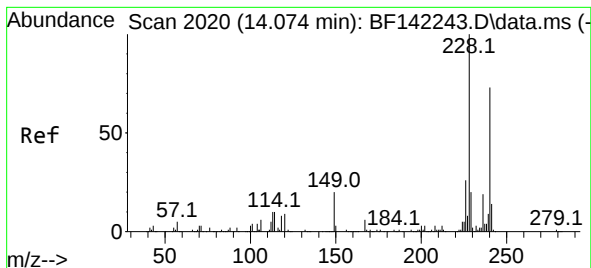
Tgt Ion:198 Resp: 840
Ion Ratio Lower Upper
198 100
51 206.0 40.6 80.6#
105 198.5 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.189 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:248 Resp: 25431
Ion Ratio Lower Upper
248 100
250 200.2 77.2 115.8#
141 471.6 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

WC-04282025

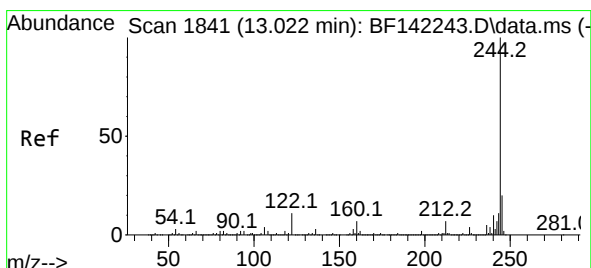
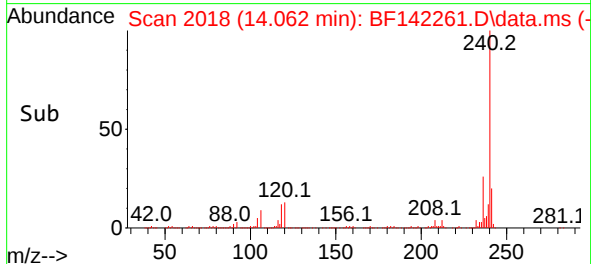
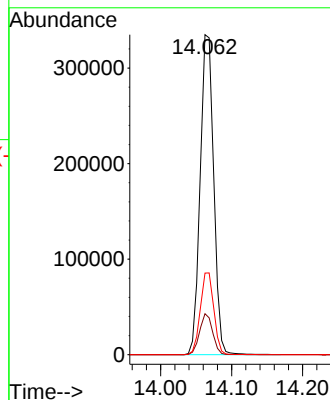
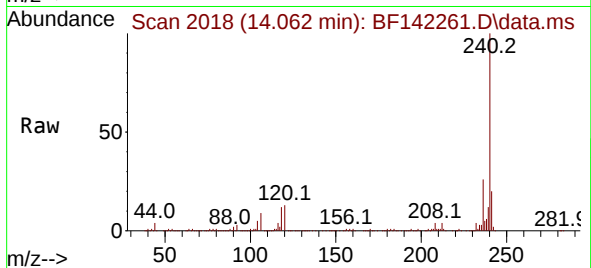
Tgt Ion:240 Resp: 445392

Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 57.797 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

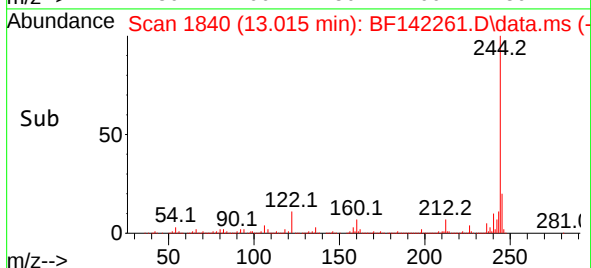
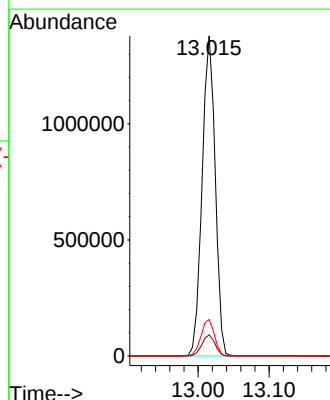
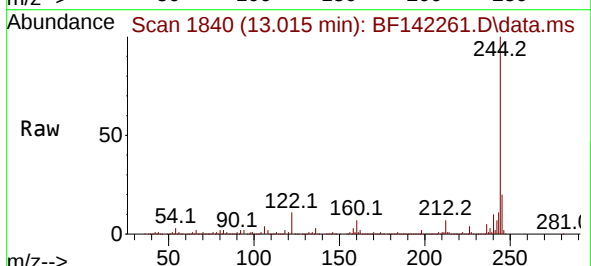
Tgt Ion:244 Resp: 1769965

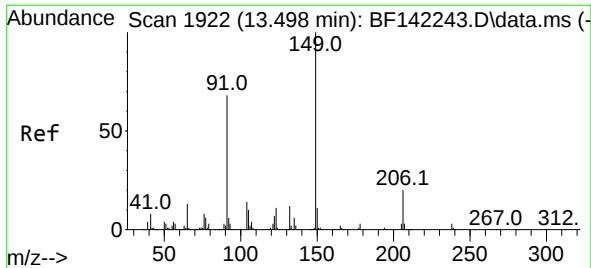
Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.4 9.1 13.7

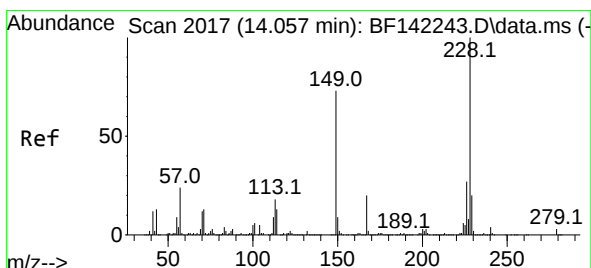
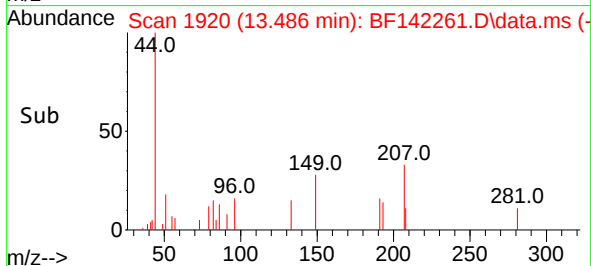
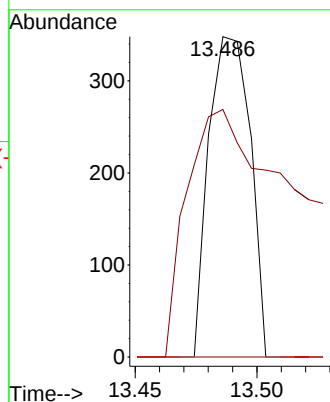
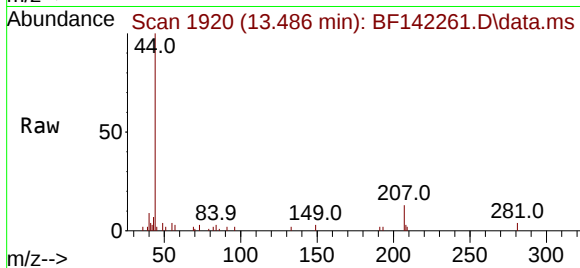




#80
Butylbenzylphthalate
Concen: 3.750 ng
RT: 13.486 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

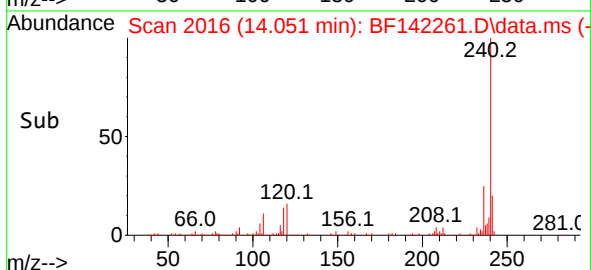
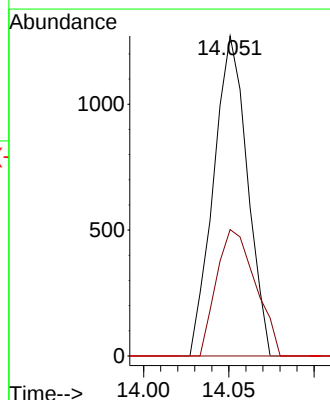
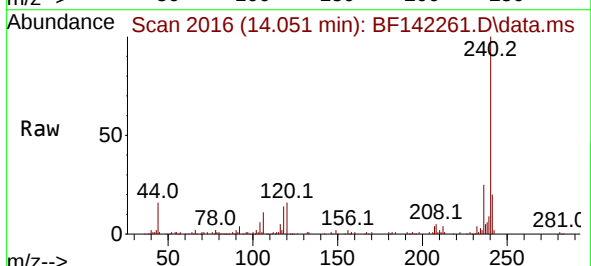
Instrument :
BNA_F
ClientSampleId :
WC-04282025

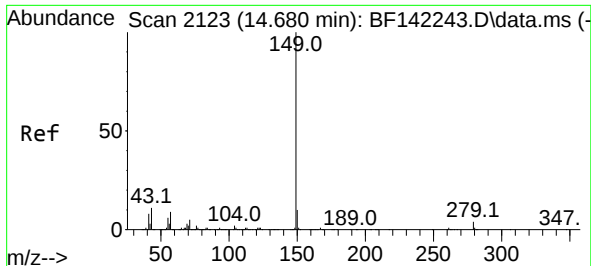
Tgt Ion:149	Resp:	413
Ion Ratio	Lower	Upper
149	100	
91	77.3	54.4 81.6
206	0.0	15.9 23.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.558 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:149	Resp:	1749
Ion Ratio	Lower	Upper
149	100	
167	39.5	21.7 32.5#
279	0.0	3.0 4.4#

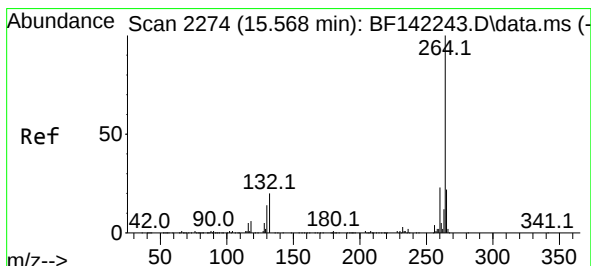
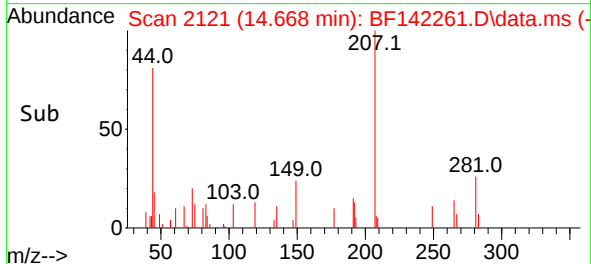
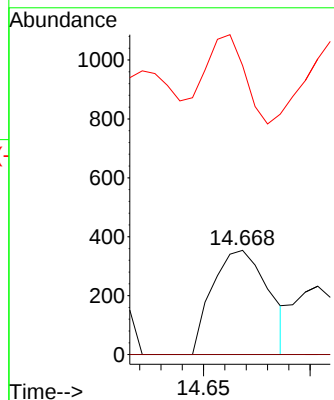
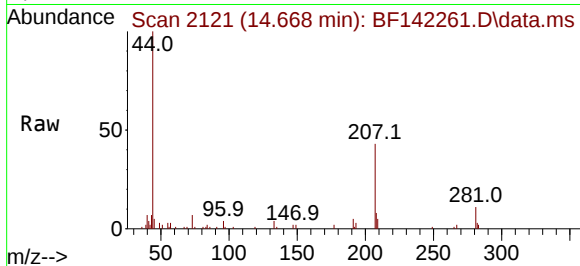




#85
Di-n-octyl phthalate
Concen: 6.088 ng
RT: 14.668 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
WC-04282025

Tgt Ion:149 Resp: 647
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 61.1 9.3 13.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:264 Resp: 444396
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.7 17.3 25.9

