

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143197.D
 Acq On : 22 Jul 2025 19:22
 Operator : RC/JU
 Sample : Q2649-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jul 23 04:51:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

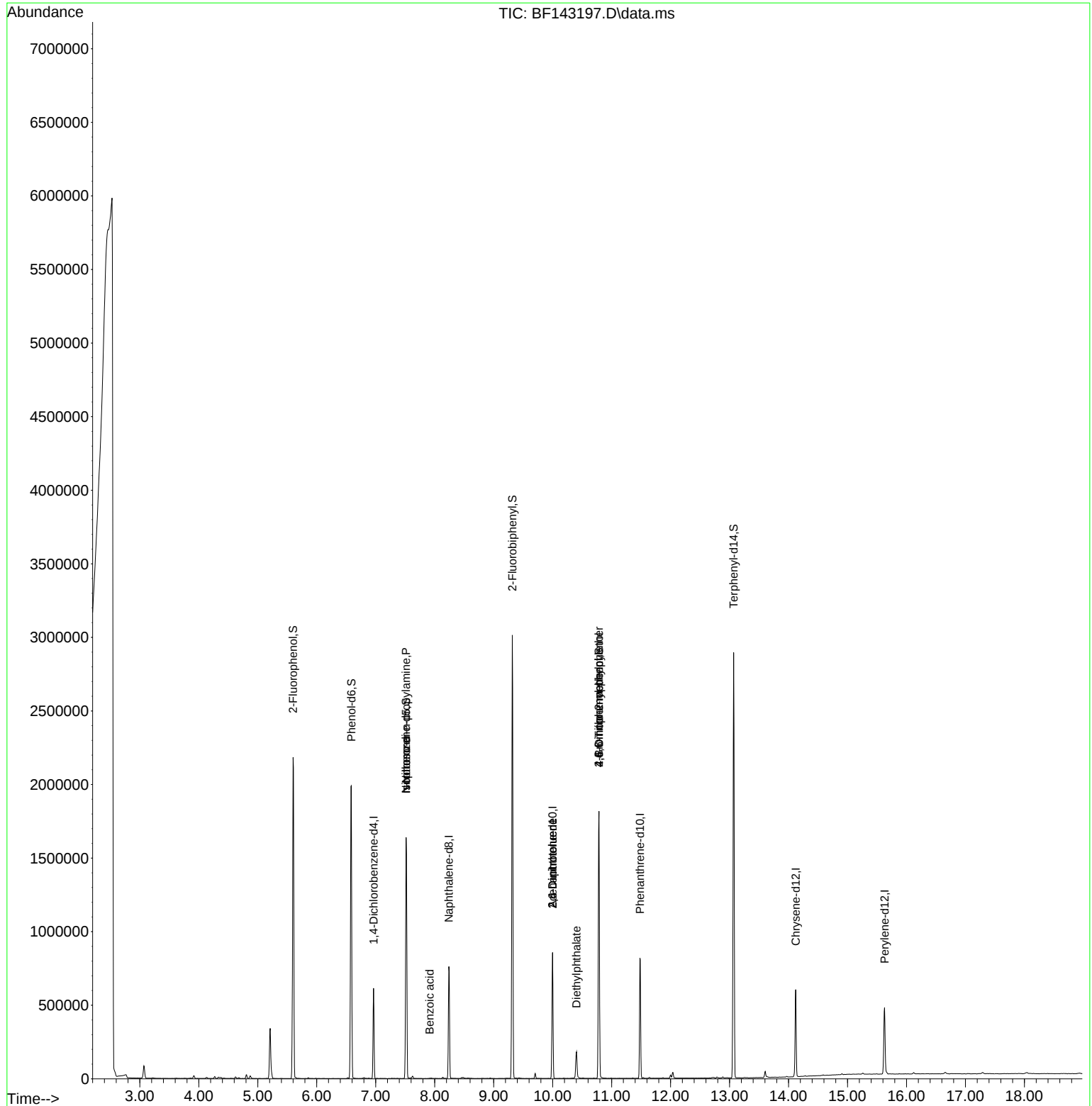
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122283	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	465875	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	242631	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	421371	20.000	ng	0.00
76) Chrysene-d12	14.121	240	277200	20.000	ng	0.00
86) Perylene-d12	15.627	264	268820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	822088	106.386	ng	0.01
7) Phenol-d6	6.587	99	964854	99.200	ng	0.00
23) Nitrobenzene-d5	7.516	82	717713	76.793	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	331329	132.187	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1335703	75.289	ng	0.00
79) Terphenyl-d14	13.068	244	1409452	75.664	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	96860	15.522	ng	# 80
25) Isophorone	7.516	82	715319	43.356	ng	# 66
32) Benzoic acid	7.916	122	824	5.347	ng	95
51) 2,6-Dinitrotoluene	9.998	165	30905	9.606	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	30905	7.656	ng	# 20
60) Diethylphthalate	10.404	149	122927	7.864	ng	99
65) 4,6-Dinitro-2-methylph...	10.786	198	591	5.650	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	19913	3.965	ng	# 1

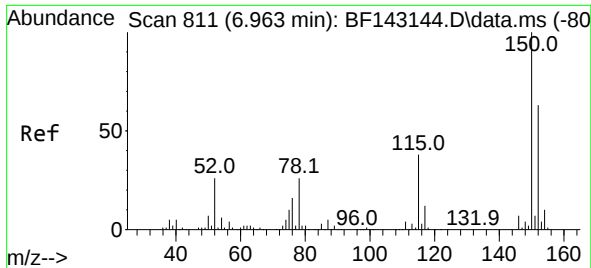
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143197.D
Acq On : 22 Jul 2025 19:22
Operator : RC/JU
Sample : Q2649-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Time: Jul 23 04:51:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

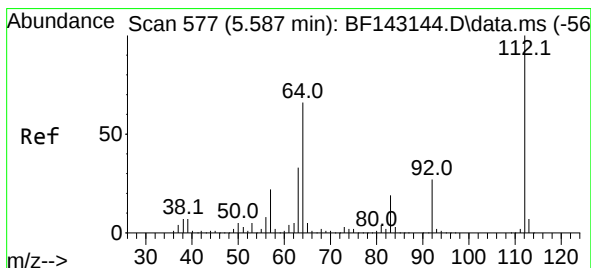
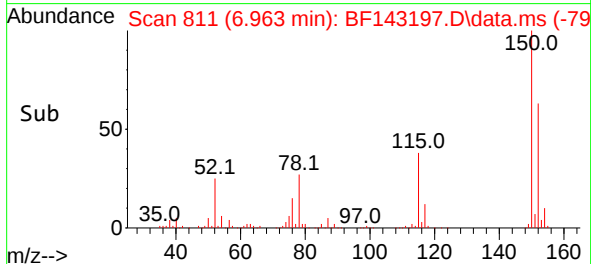
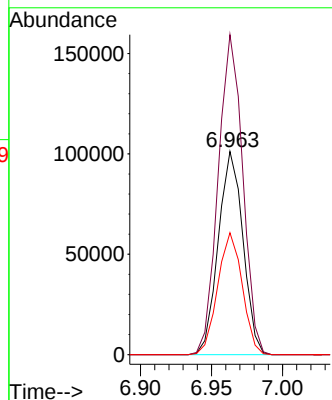
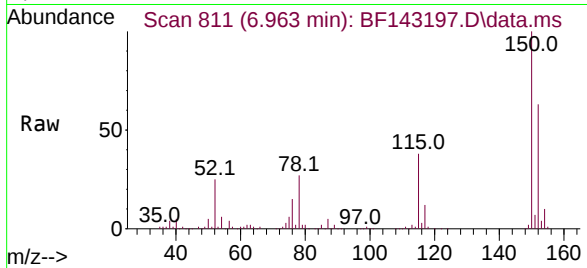




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

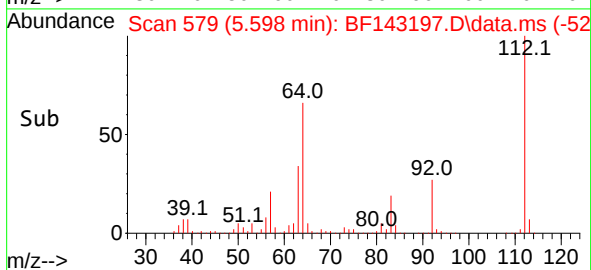
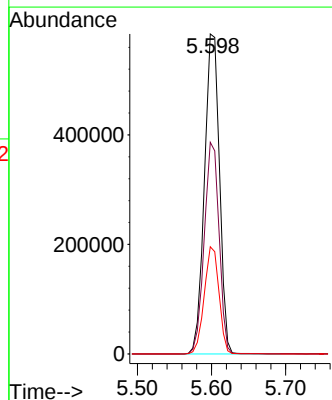
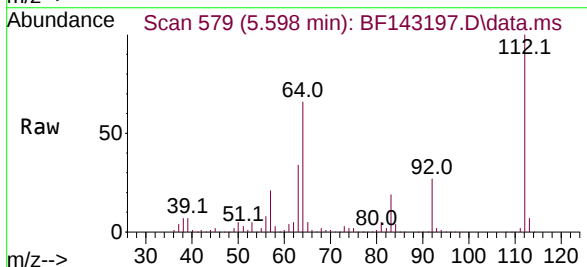
Instrument :
BNA_F
ClientSampleId :
WC-6

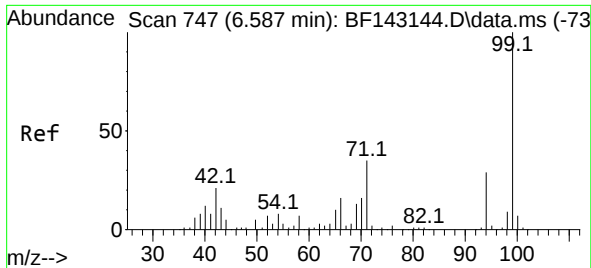
Tgt Ion:152 Resp: 122283
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 106.386 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:112 Resp: 822088
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.5 26.6 40.0

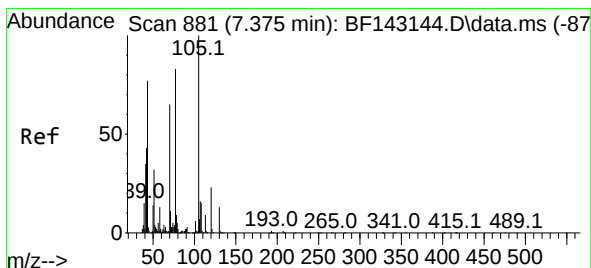
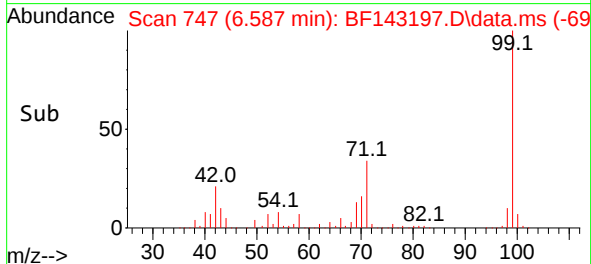
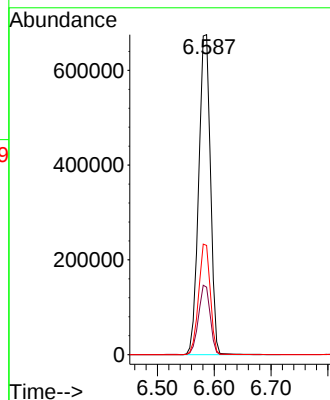
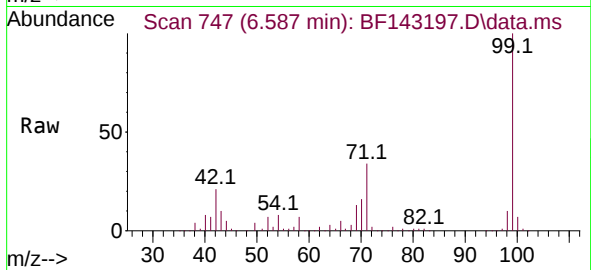




#7
Phenol-d6
Concen: 99.200 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

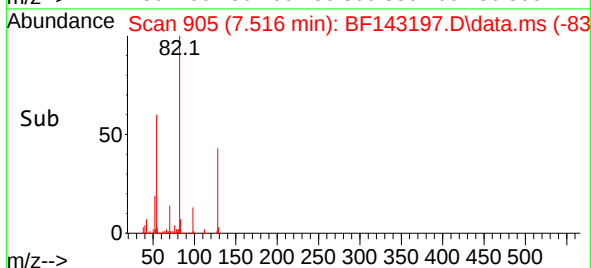
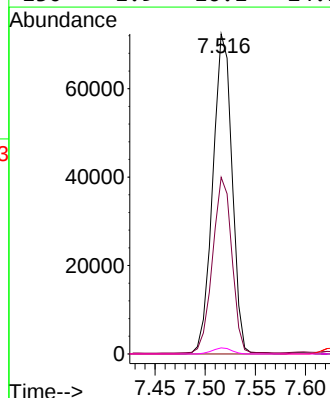
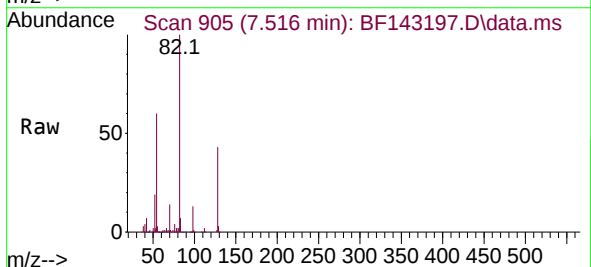
Instrument :
BNA_F
ClientSampleId :
WC-6

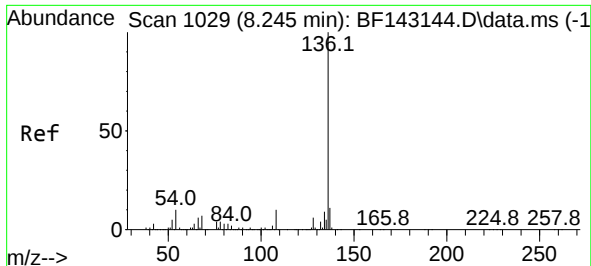
Tgt Ion: 99 Resp: 964854
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.522 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion: 70 Resp: 96860
Ion Ratio Lower Upper
70 100
42 55.2 52.5 78.7
101 0.0 7.6 11.4#
130 1.9 16.1 24.1#

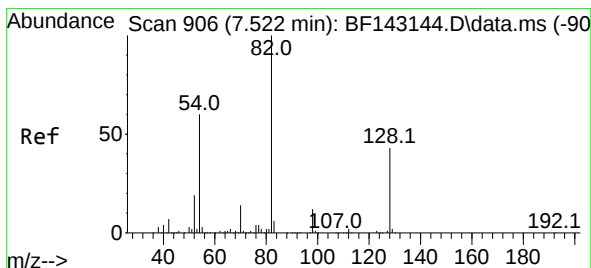
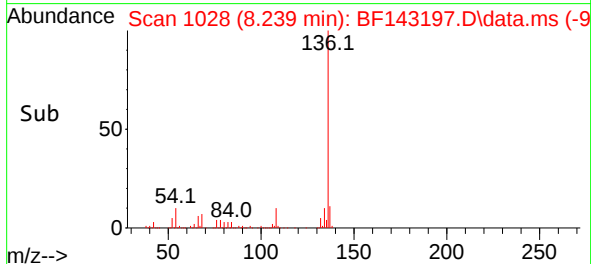
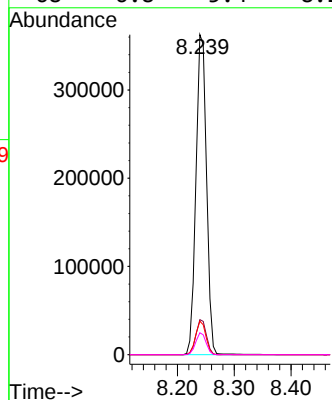
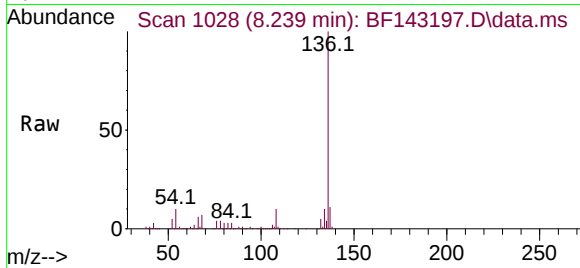




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

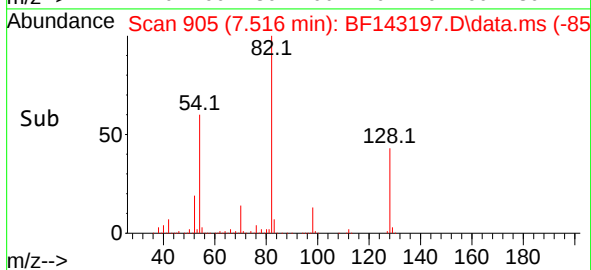
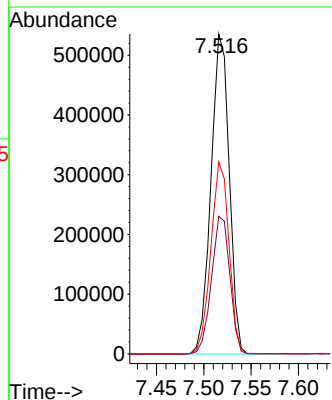
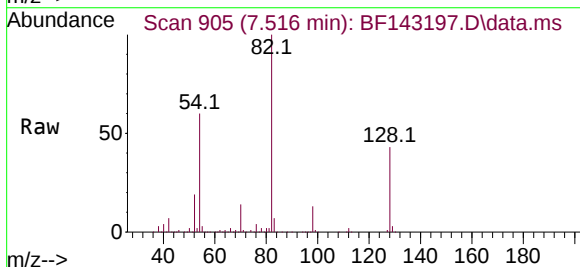
Instrument :
BNA_F
ClientSampleId :
WC-6

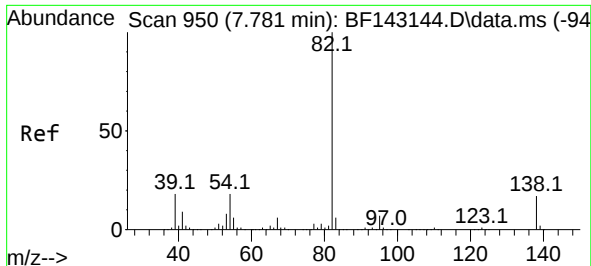
Tgt Ion:	136	Resp:	465875
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.4	8.2	12.2
68	6.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 76.793 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:	82	Resp:	717713
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.6	50.4
54	60.0	47.1	70.7

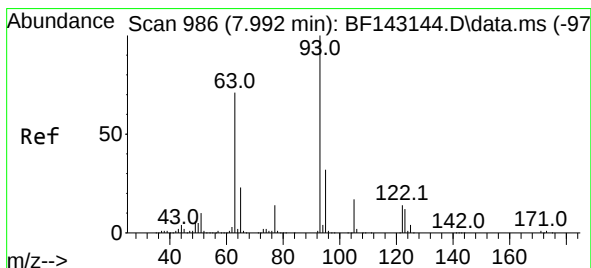
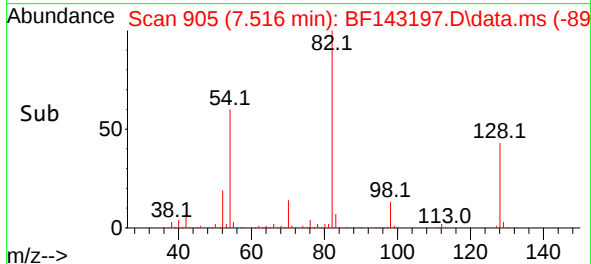
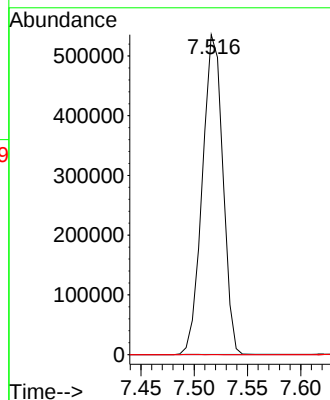
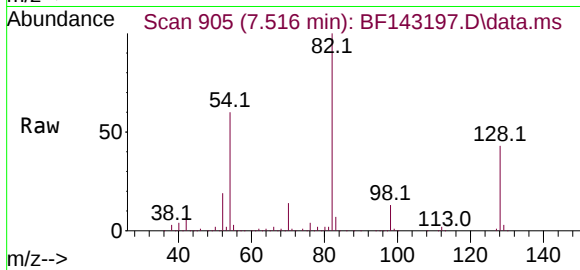




#25
Isophorone
Concen: 43.356 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

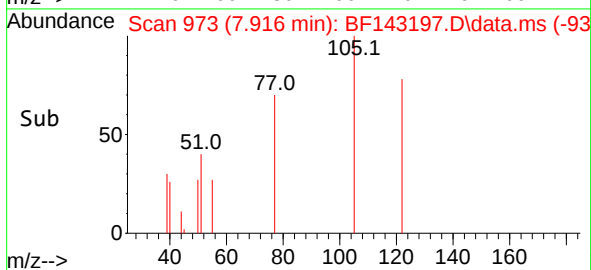
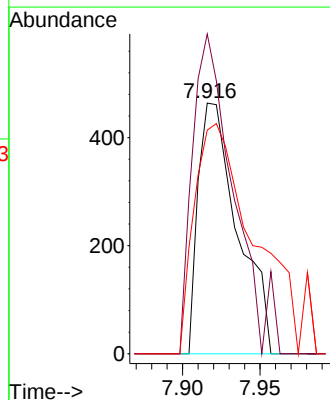
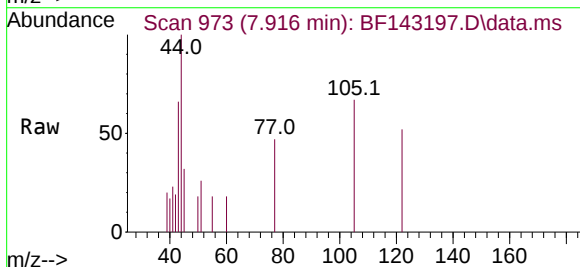
Instrument :
BNA_F
ClientSampleId :
WC-6

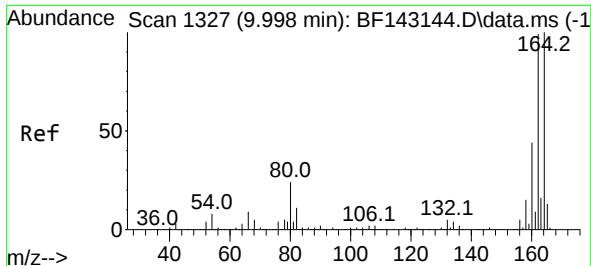
Tgt Ion: 82 Resp: 715319
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 5.347 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.076 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:122 Resp: 824
Ion Ratio Lower Upper
122 100
105 127.6 104.8 144.8
77 89.2 77.6 117.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143197.D

Acq: 22 Jul 2025 19:22

Instrument :

BNA_F

ClientSampleId :

WC-6

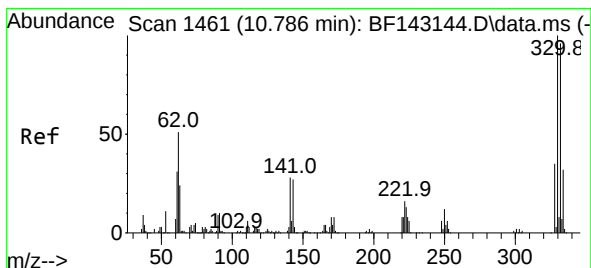
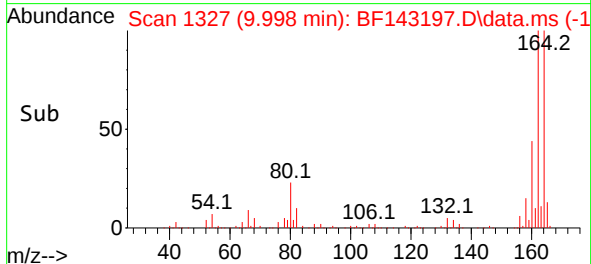
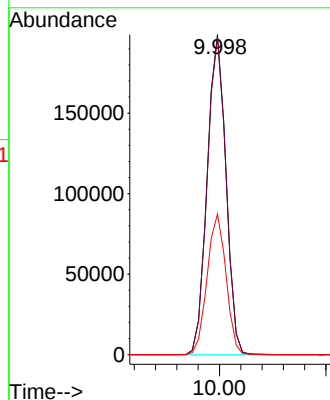
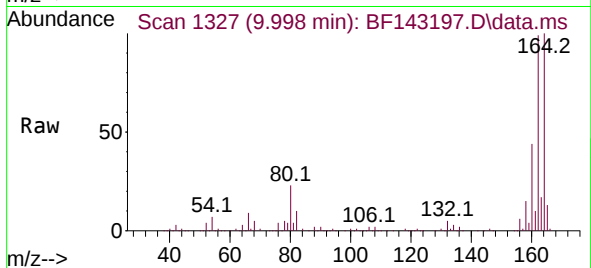
Tgt Ion:164 Resp: 242631

Ion Ratio Lower Upper

164 100

162 99.2 79.0 118.6

160 44.0 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 132.187 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143197.D

Acq: 22 Jul 2025 19:22

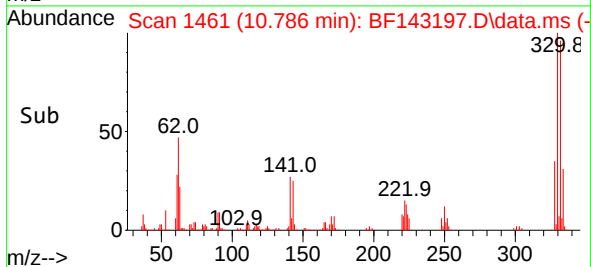
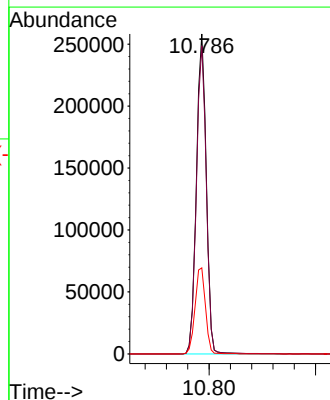
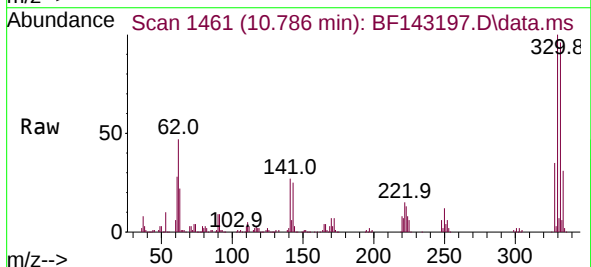
Tgt Ion:330 Resp: 331329

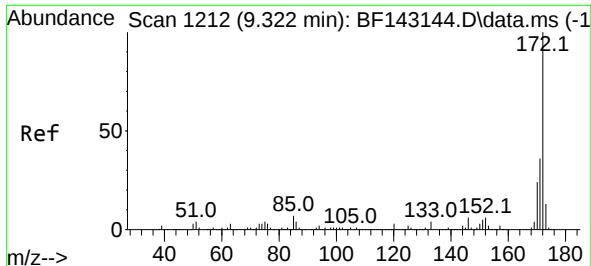
Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 28.4 23.3 34.9

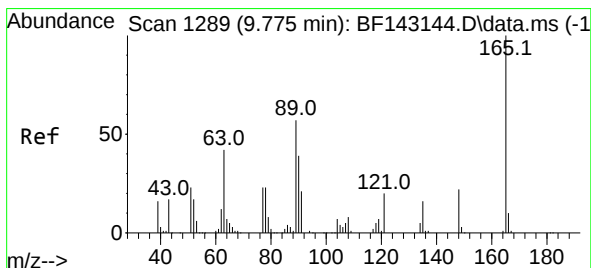
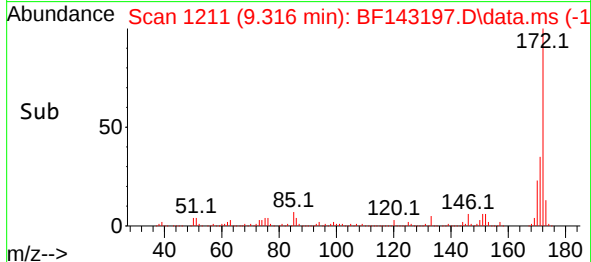
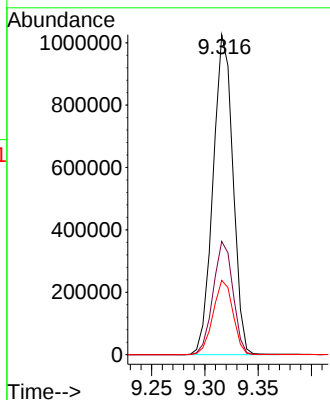
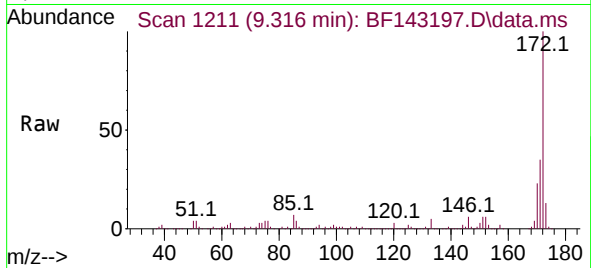




#45
2-Fluorobiphenyl
Concen: 75.289 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

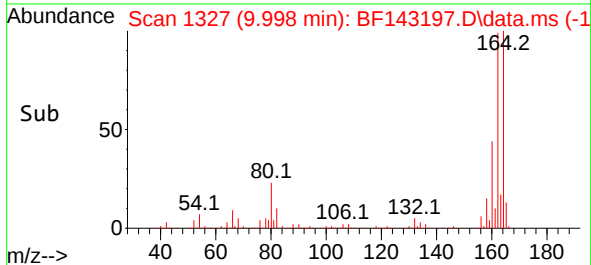
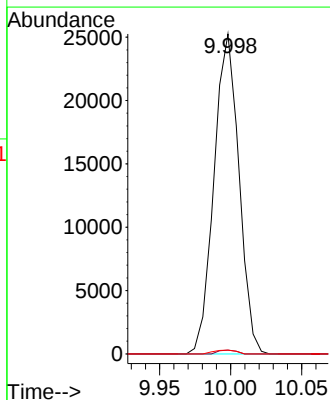
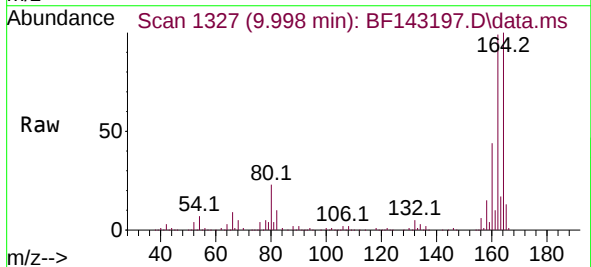
Instrument :
BNA_F
ClientSampleId :
WC-6

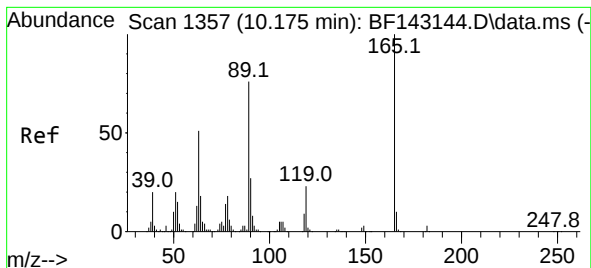
Tgt Ion:172 Resp: 1335703
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.606 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.223 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:165 Resp: 30905
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.2#
89 1.2 46.2 69.2#

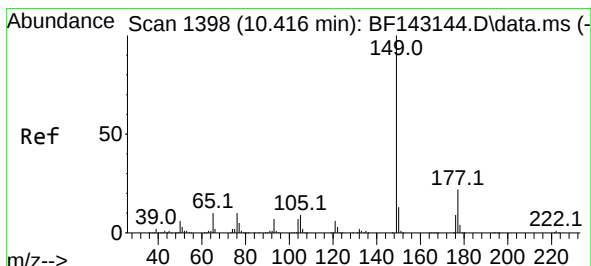
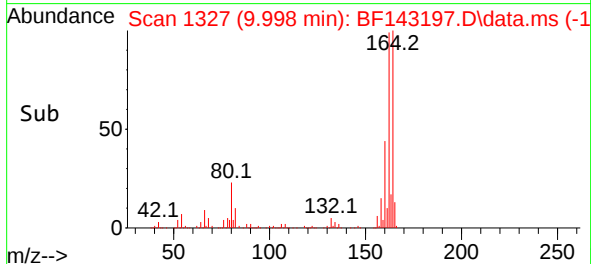
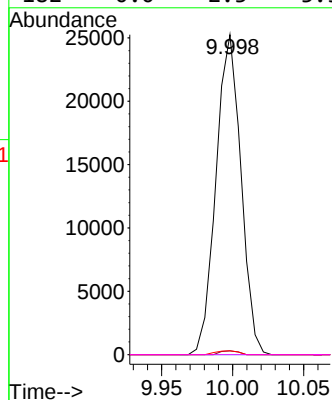
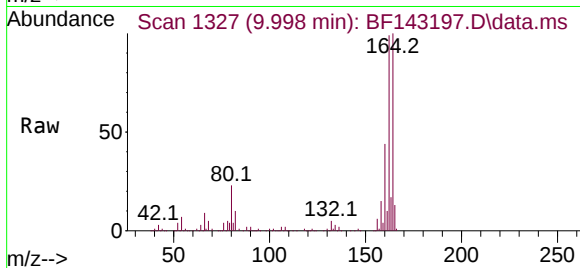




#57
2,4-Dinitrotoluene
Concen: 7.656 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.176 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

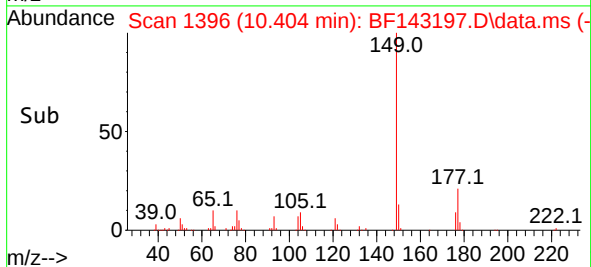
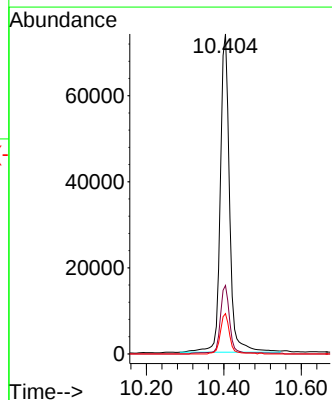
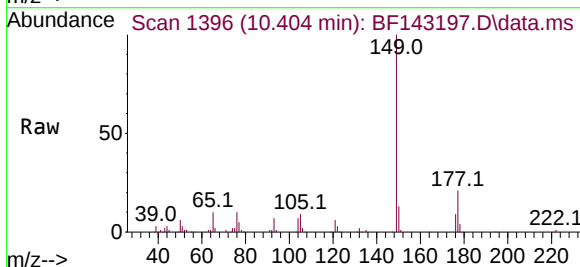
Instrument :
BNA_F
ClientSampleId :
WC-6

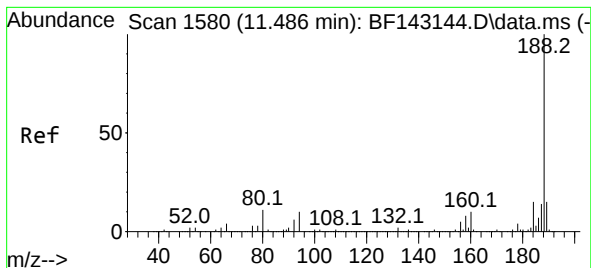
Tgt Ion:165 Resp: 30905
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.4#
89 1.2 61.1 91.7#
182 0.0 2.3 3.5#



#60
Diethylphthalate
Concen: 7.864 ng
RT: 10.404 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:149 Resp: 122927
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.6 10.2 15.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143197.D

Acq: 22 Jul 2025 19:22

Instrument :

BNA_F

ClientSampleId :

WC-6

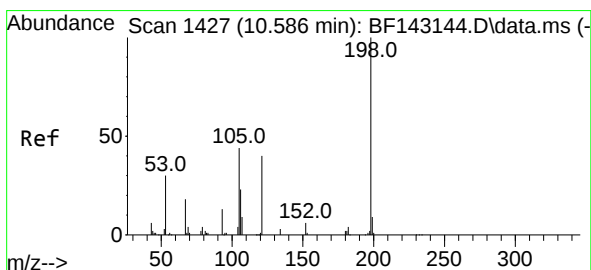
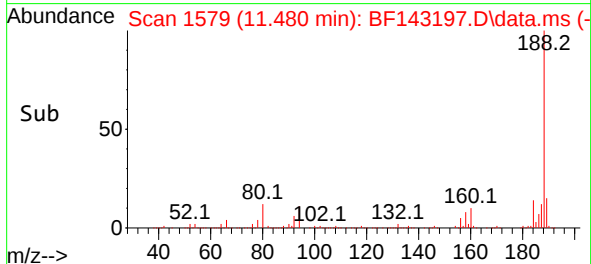
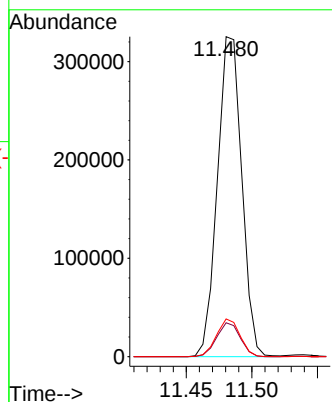
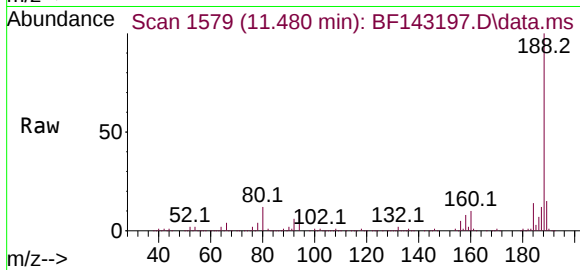
Tgt Ion:188 Resp: 421371

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 11.8 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.650 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.200 min

Lab File: BF143197.D

Acq: 22 Jul 2025 19:22

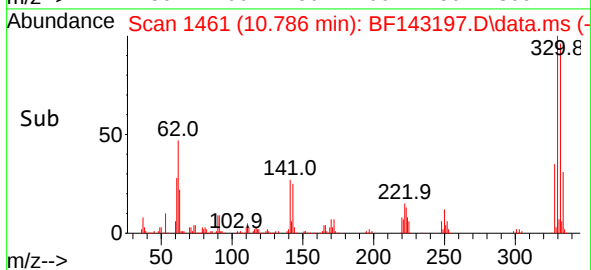
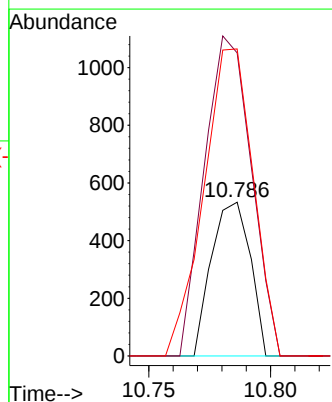
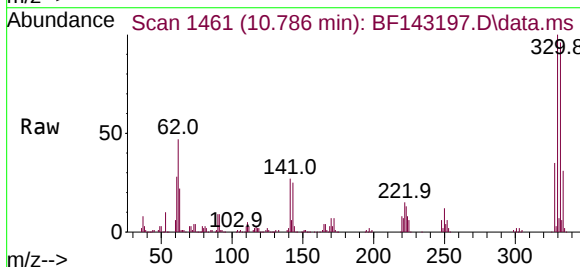
Tgt Ion:198 Resp: 591

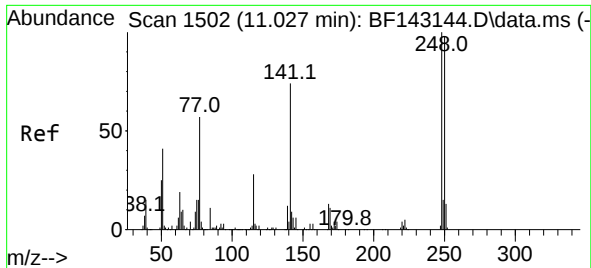
Ion Ratio Lower Upper

198 100

51 197.2 37.2 77.2#

105 199.8 24.8 64.8#

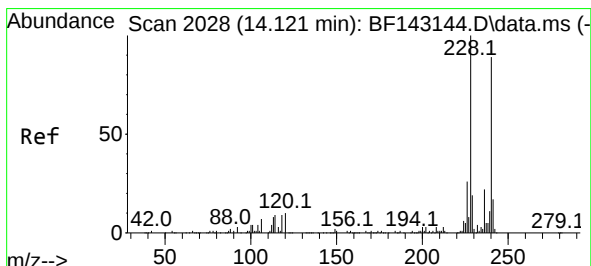
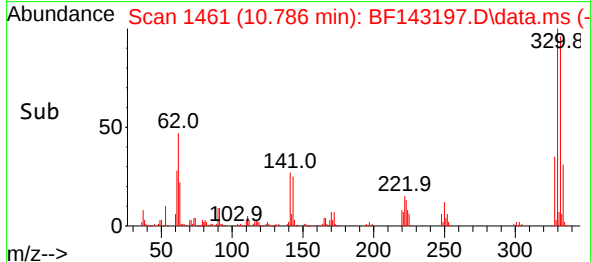
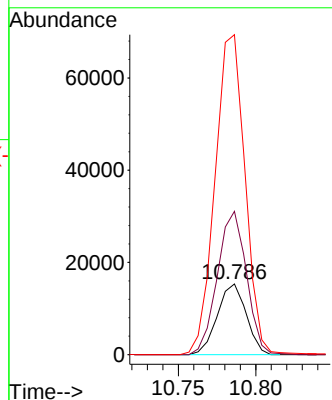
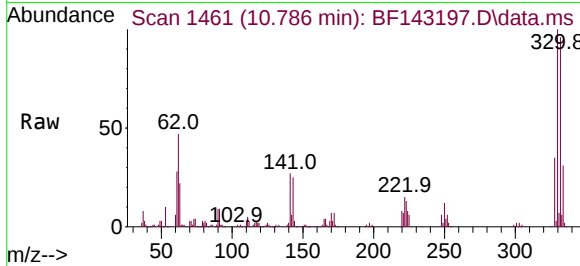




#67
4-Bromophenyl-phenylether
Concen: 3.965 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

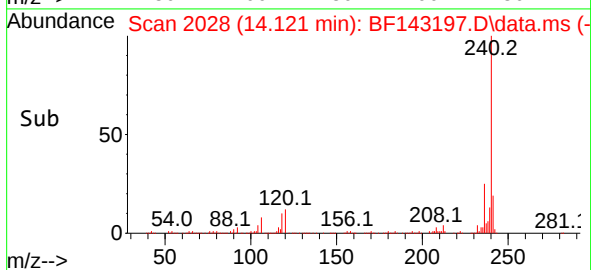
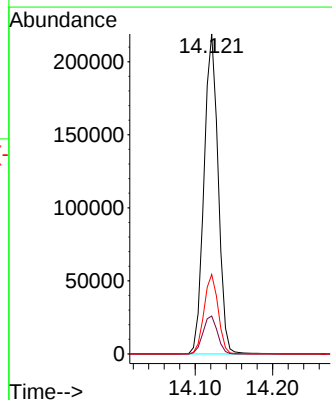
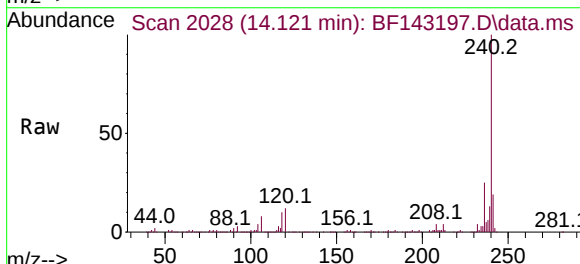
Instrument :
BNA_F
ClientSampleId :
WC-6

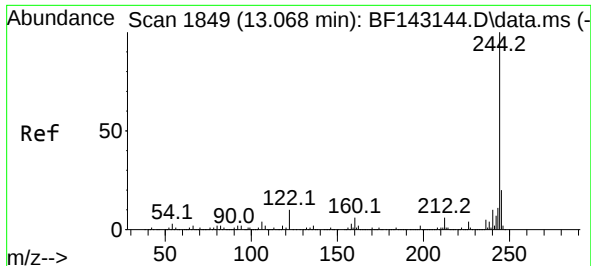
Tgt Ion:248 Resp: 19913
Ion Ratio Lower Upper
248 100
250 202.6 78.3 117.5#
141 452.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143197.D
Acq: 22 Jul 2025 19:22

Tgt Ion:240 Resp: 277200
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 24.8 20.2 30.4

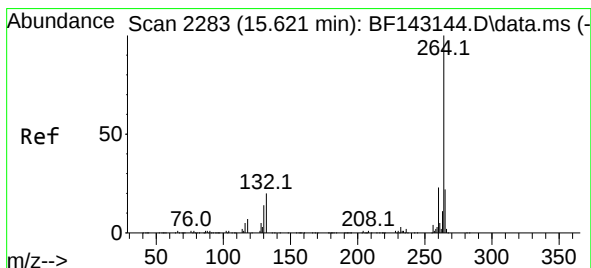
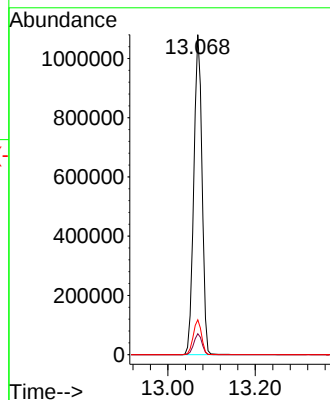
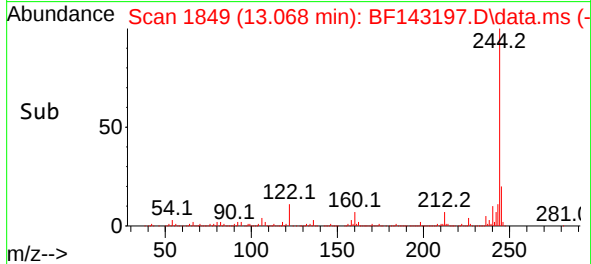
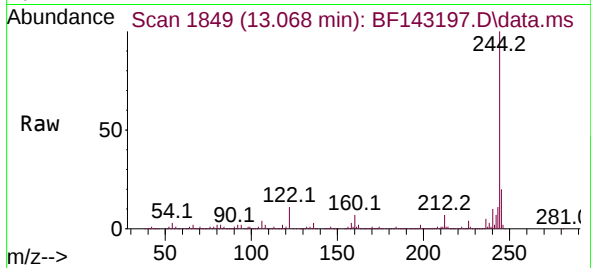




#79
 Terphenyl-d14
 Concen: 75.664 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143197.D
 Acq: 22 Jul 2025 19:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 1409452
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143197.D
 Acq: 22 Jul 2025 19:22

Tgt Ion:264 Resp: 268820
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.5 17.4 26.2

