

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141486.D
 Acq On : 06 Feb 2025 18:00
 Operator : RC/JU
 Sample : Q1309-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Feb 07 01:52:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

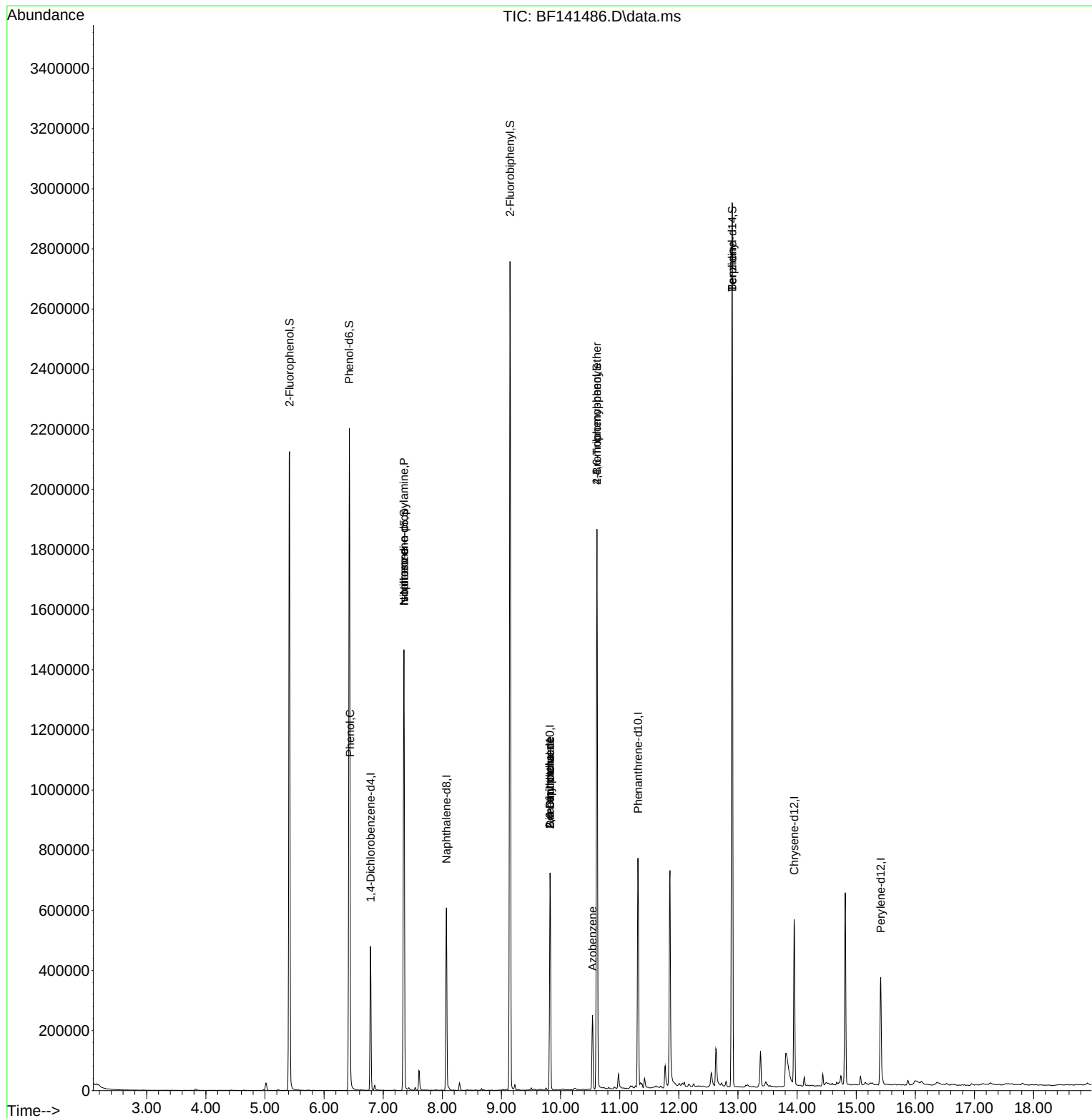
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	95350	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	381590	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	213909	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	378876	20.000	ng	0.00
76) Chrysene-d12	13.951	240	271024	20.000	ng	-0.01
86) Perylene-d12	15.415	264	208549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	782630	128.680	ng	0.00
7) Phenol-d6	6.428	99	989116	128.672	ng	-0.01
23) Nitrobenzene-d5	7.351	82	666032	91.038	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	299076	139.182	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1219350	87.822	ng	0.00
79) Terphenyl-d14	12.904	244	1476848	91.991	ng	0.00
Target Compounds						
					Qvalue	
10) Phenol	6.439	94	17789	2.223	ng	# 32
19) n-Nitroso-di-n-propyla...	7.351	70	90472	19.676	ng	# 75
25) Isophorone	7.351	82	649923	55.715	ng	# 66
50) Dimethylphthalate	9.822	163	30821	2.122	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	27617	8.700	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	27617	6.535	ng	# 19
63) Azobenzene	10.539	77	60300	4.245	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	20857	4.926	ng	# 1
77) Benzidine	12.904	184	20592	3.445	ng	# 92

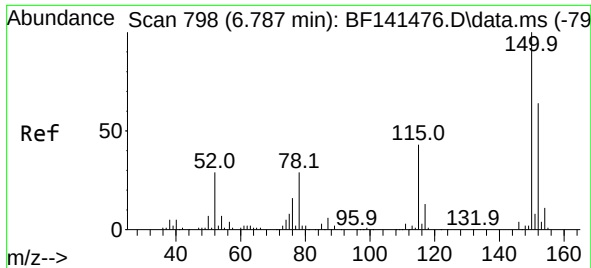
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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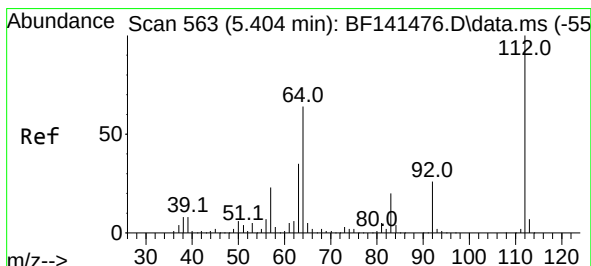
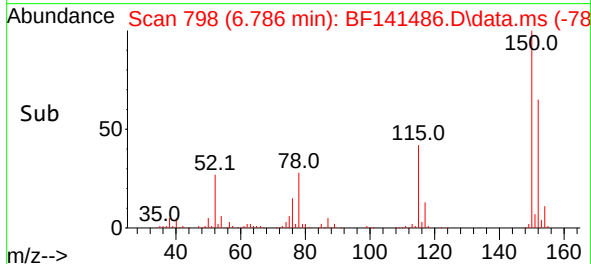
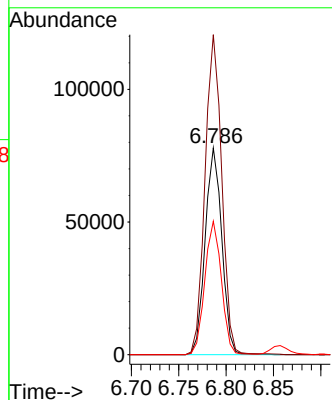
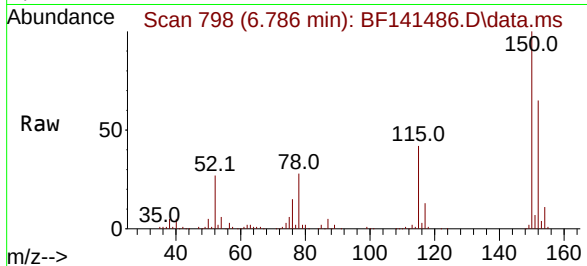




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141486.D
 Acq: 06 Feb 2025 18:00

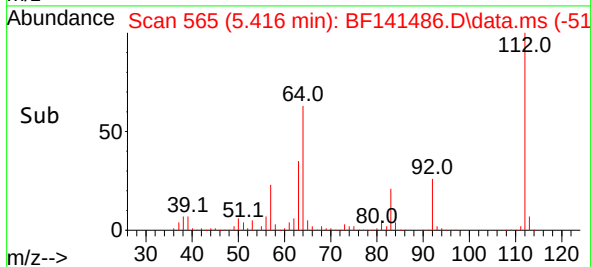
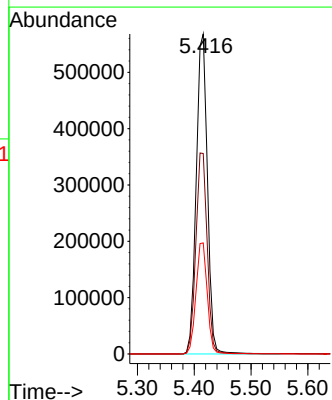
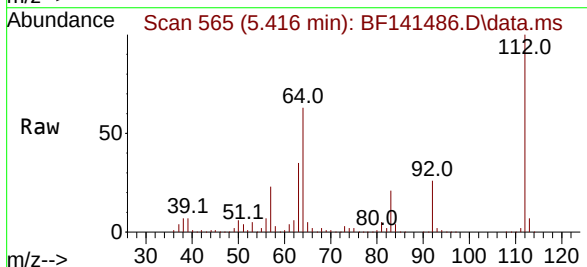
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

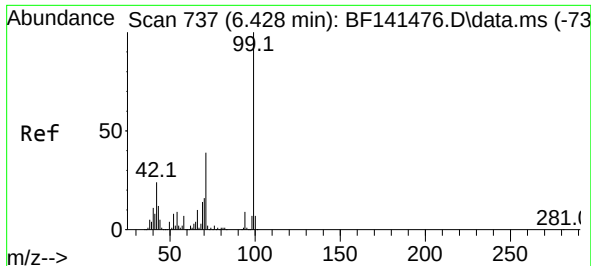
Tgt Ion:152 Resp: 95350
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.0 187.4
 115 64.6 53.6 80.4



#5
 2-Fluorophenol
 Concen: 128.680 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141486.D
 Acq: 06 Feb 2025 18:00

Tgt Ion:112 Resp: 782630
 Ion Ratio Lower Upper
 112 100
 64 62.7 51.1 76.7
 63 34.7 28.4 42.6

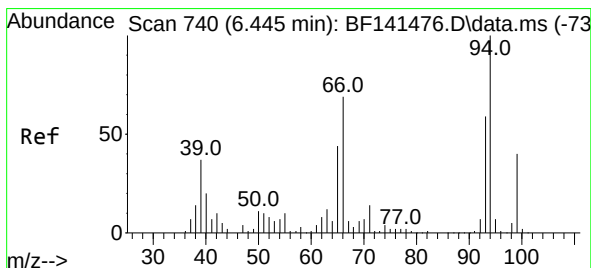
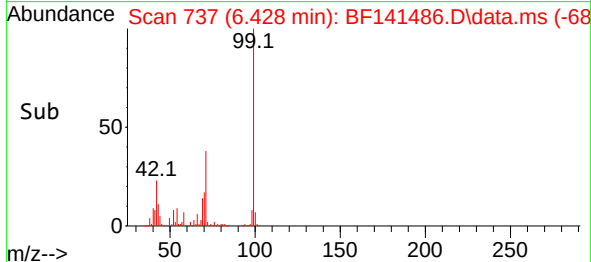
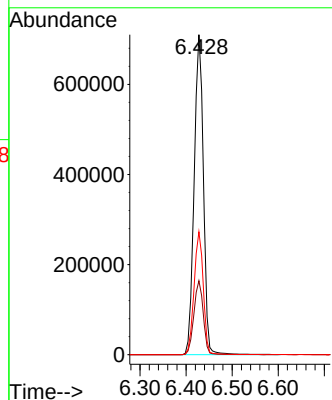
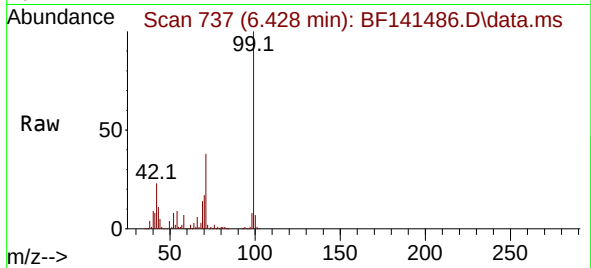




#7
Phenol-d6
Concen: 128.672 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

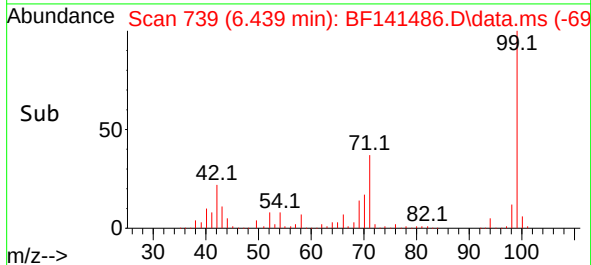
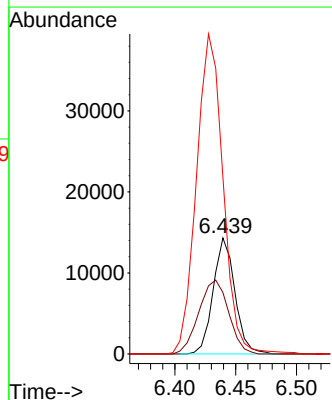
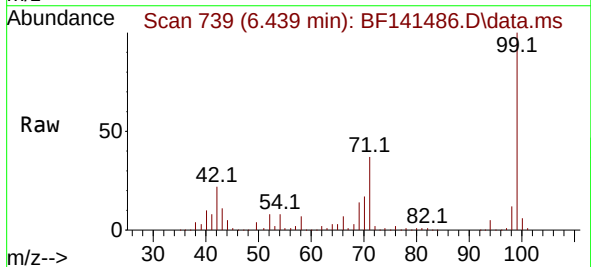
Instrument :
BNA_F
ClientSampleId :
WC-2

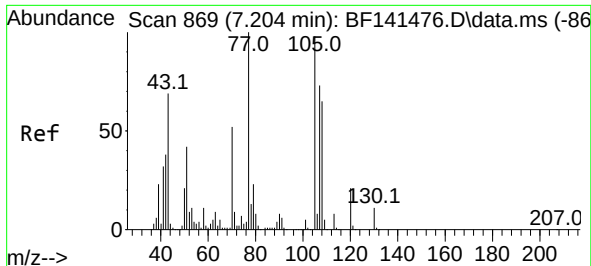
Tgt Ion: 99 Resp: 989116
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 38.4 31.1 46.7



#10
Phenol
Concen: 2.223 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion: 94 Resp: 17789
Ion Ratio Lower Upper
94 100
65 52.9 23.7 63.7
66 152.3 49.3 89.3#

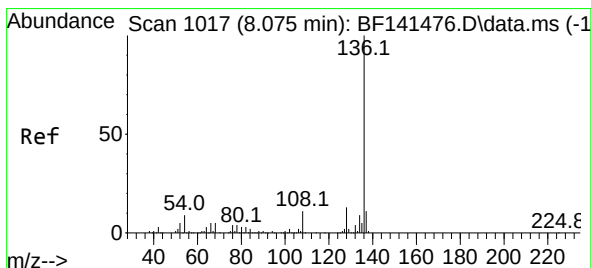
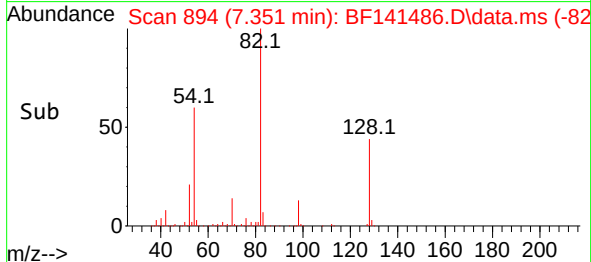
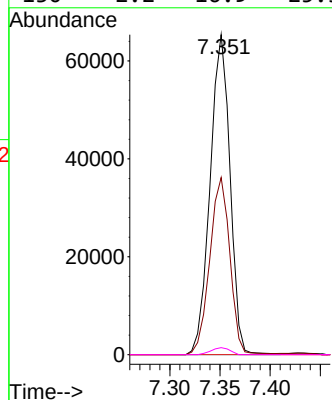
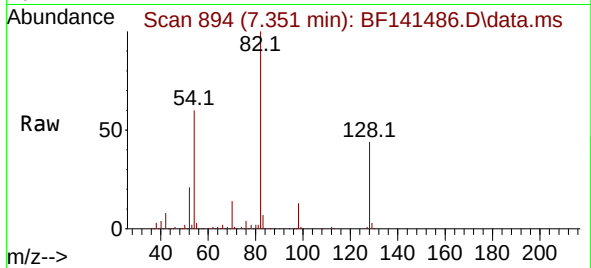




#19
n-Nitroso-di-n-propylamine
Concen: 19.676 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

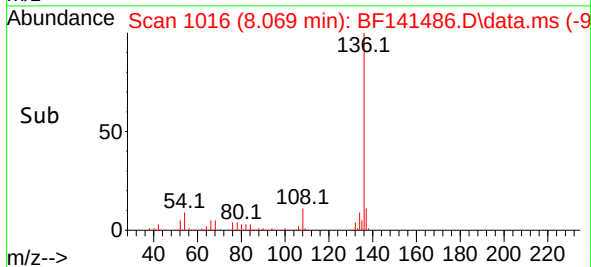
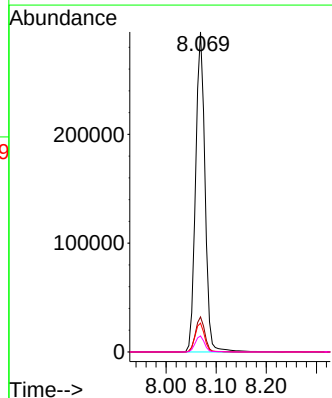
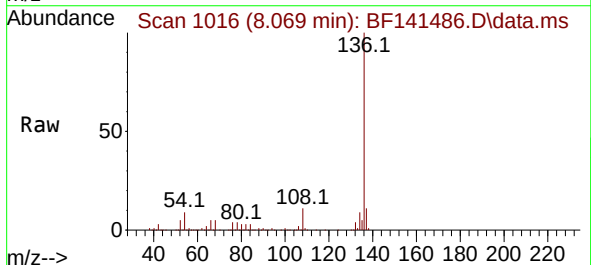
Instrument :
BNA_F
ClientSampleId :
WC-2

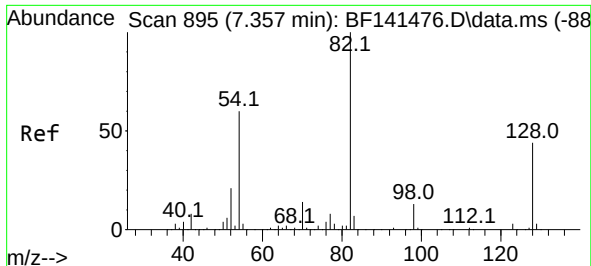
Tgt Ion:	70	Resp:	90472
Ion	Ratio	Lower	Upper
70	100		
42	55.3	57.4	86.2#
101	0.0	8.0	12.0#
130	2.2	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion:	136	Resp:	381590
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	7.2	10.8
68	5.0	3.7	5.5

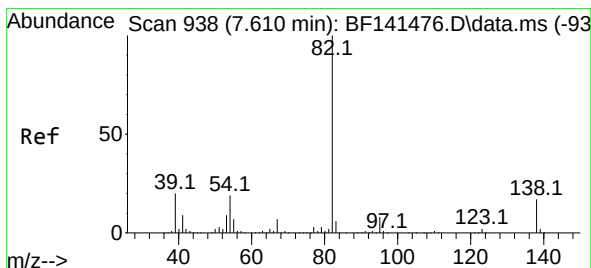
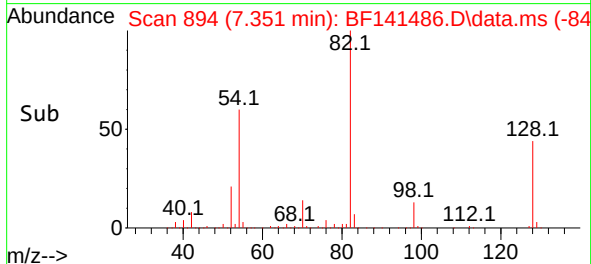
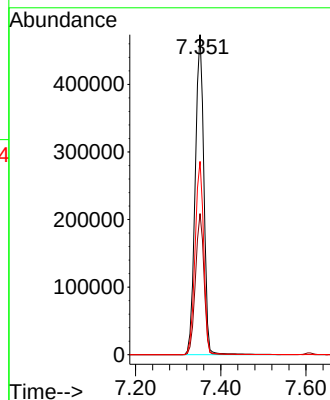
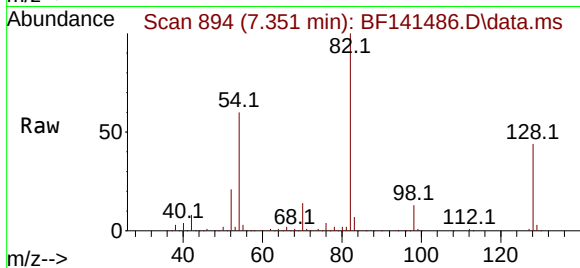




#23
Nitrobenzene-d5
Concen: 91.038 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

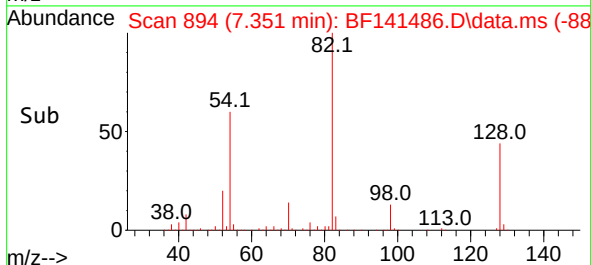
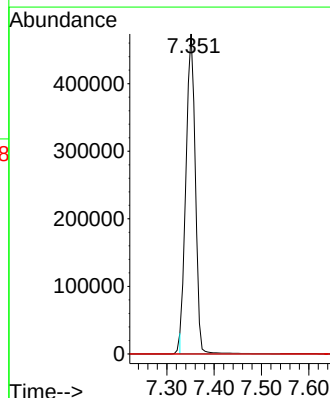
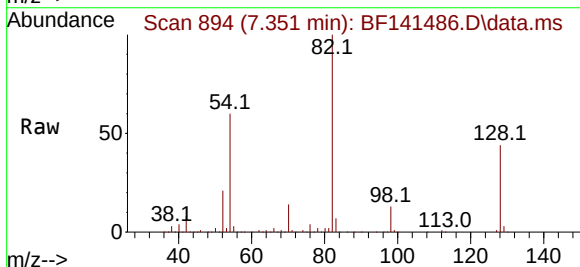
Instrument :
BNA_F
ClientSampleId :
WC-2

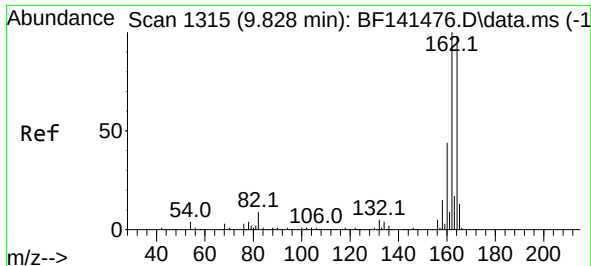
Tgt Ion: 82 Resp: 666032
Ion Ratio Lower Upper
82 100
128 44.1 34.8 52.2
54 60.4 48.2 72.4



#25
Isophorone
Concen: 55.715 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion: 82 Resp: 649923
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#

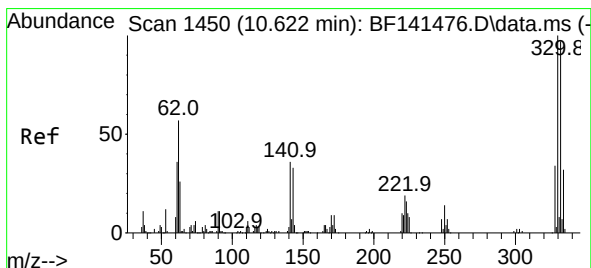
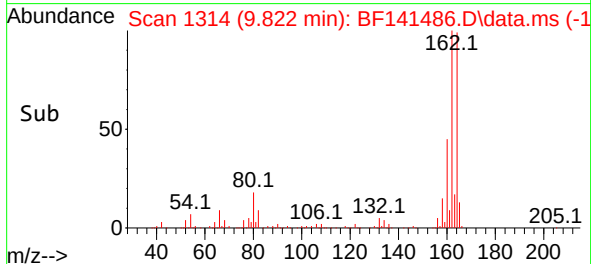
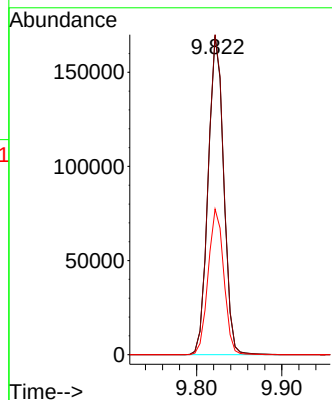
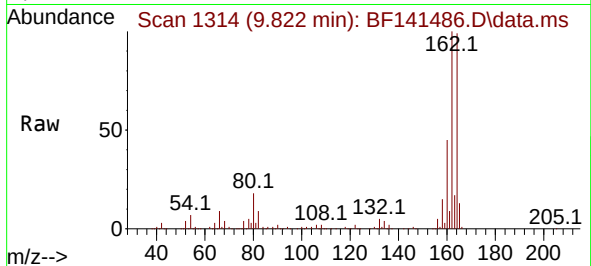




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

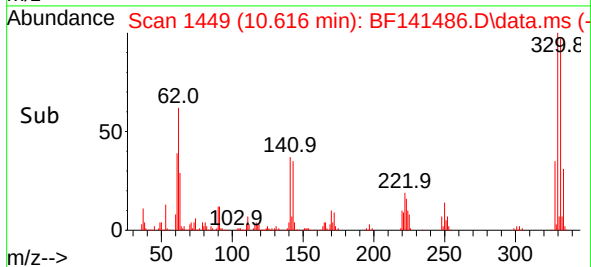
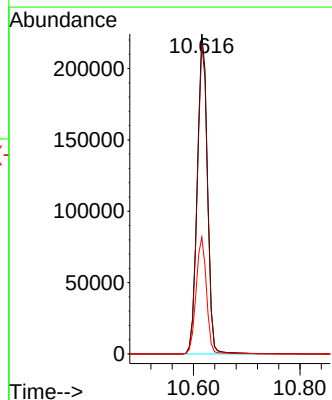
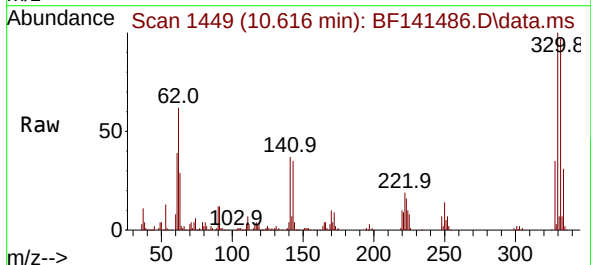
Instrument :
BNA_F
ClientSampleId :
WC-2

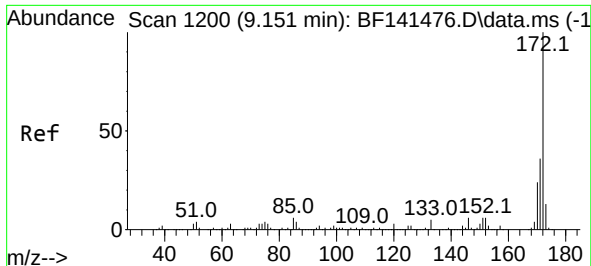
Tgt Ion:164 Resp: 213909
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 45.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 139.182 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion:330 Resp: 299076
Ion Ratio Lower Upper
330 100
332 97.2 78.5 117.7
141 37.0 31.0 46.4

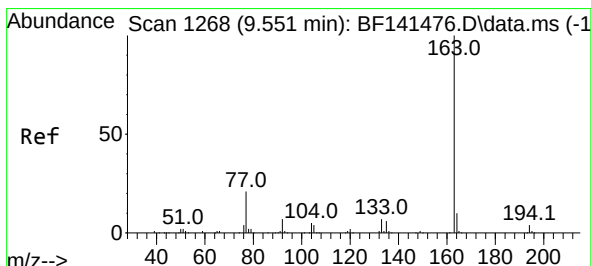
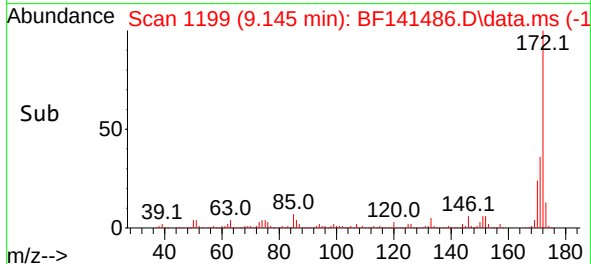
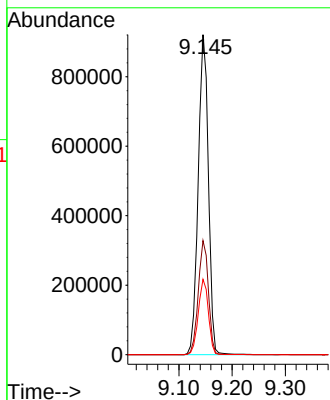
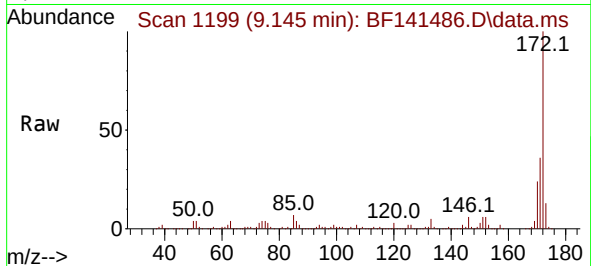




#45
2-Fluorobiphenyl
Concen: 87.822 ng
RT: 9.145 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

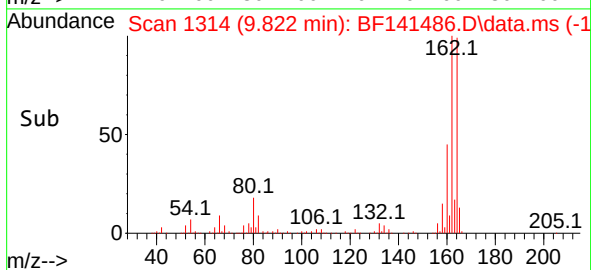
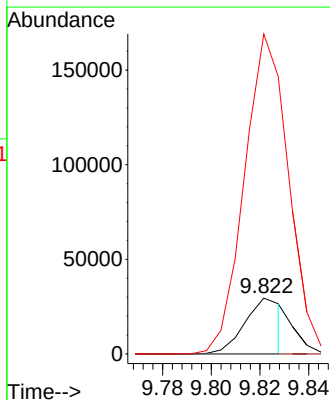
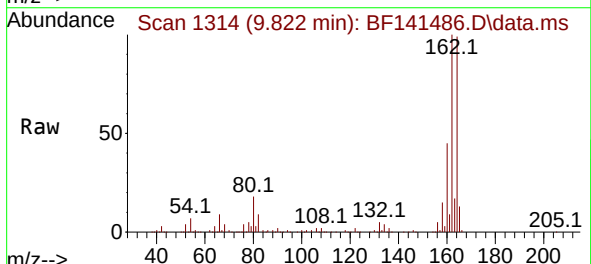
Instrument :
BNA_F
ClientSampleId :
WC-2

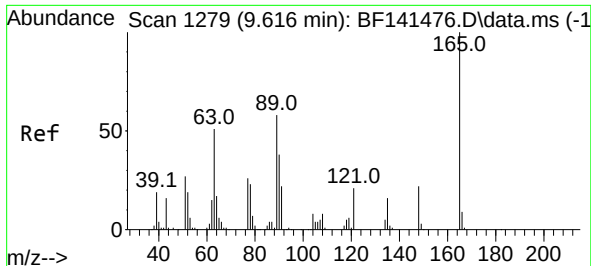
Tgt Ion:172 Resp: 1219350
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.6 18.9 28.3



#50
Dimethylphthalate
Concen: 2.122 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion:163 Resp: 30821
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 573.7 7.9 11.9#

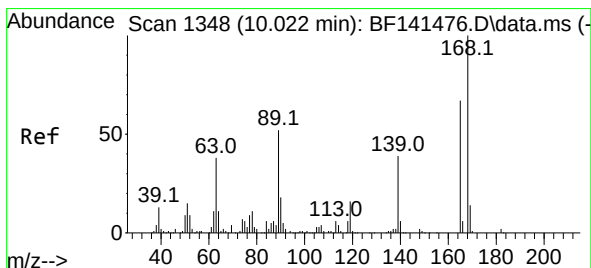
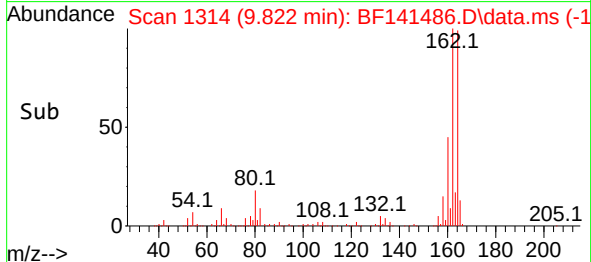
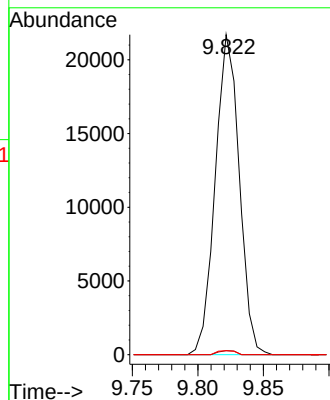
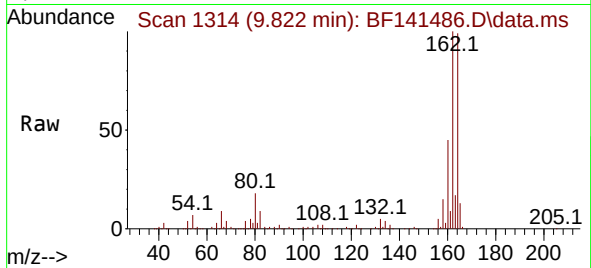




#51
2,6-Dinitrotoluene
Concen: 8.700 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

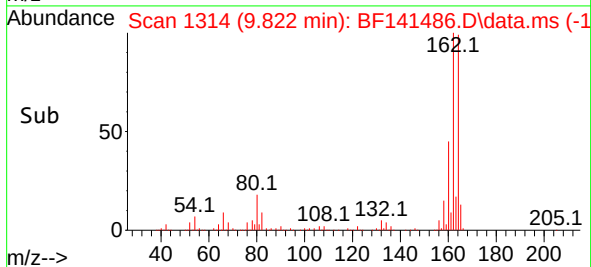
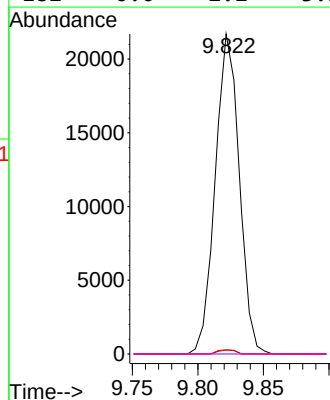
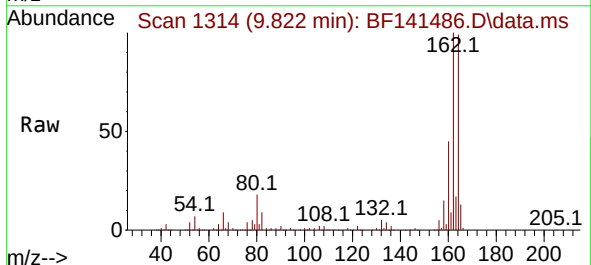
Instrument :
BNA_F
ClientSampleId :
WC-2

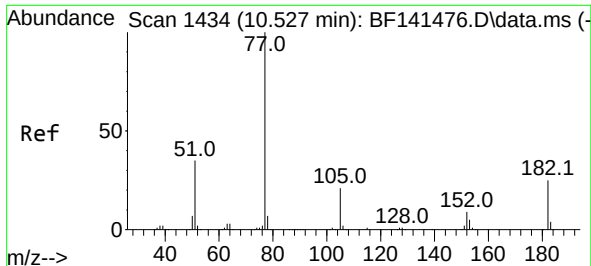
Tgt Ion:165 Resp: 27617
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.535 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion:165 Resp: 27617
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#

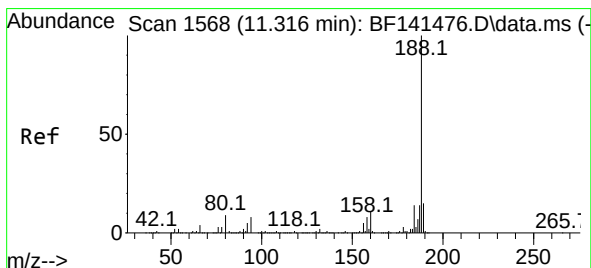
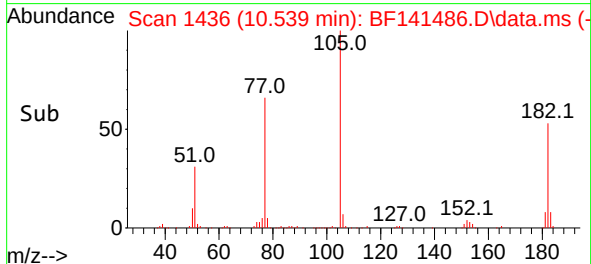
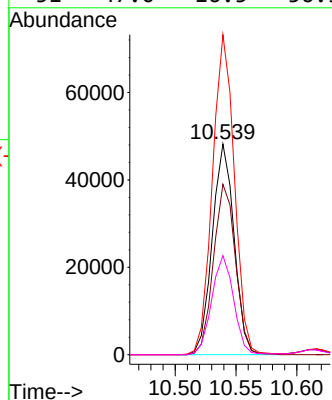
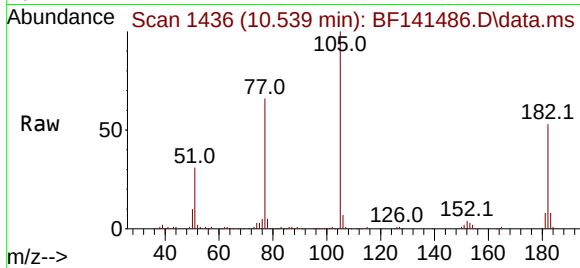




#63
Azobenzene
Concen: 4.245 ng
RT: 10.539 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

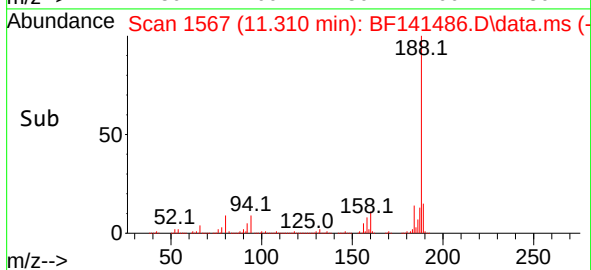
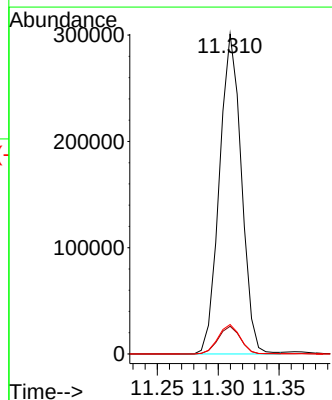
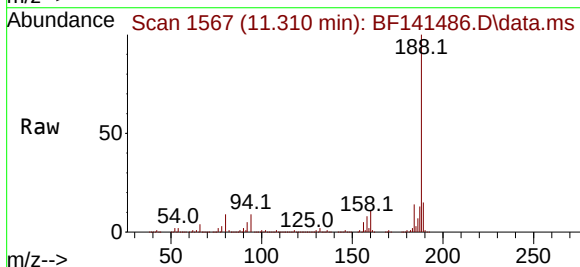
Instrument :
BNA_F
ClientSampleId :
WC-2

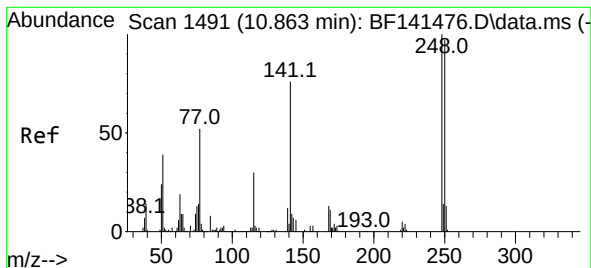
Tgt Ion: 77 Resp: 60300
Ion Ratio Lower Upper
77 100
182 80.8 4.7 44.7#
105 151.8 0.4 40.4#
51 47.0 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion: 188 Resp: 378876
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 7.3 10.9

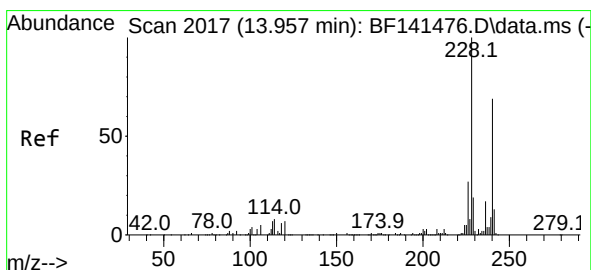
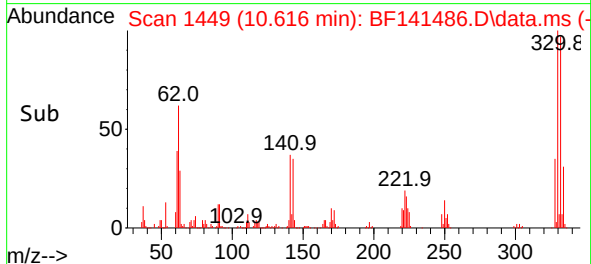
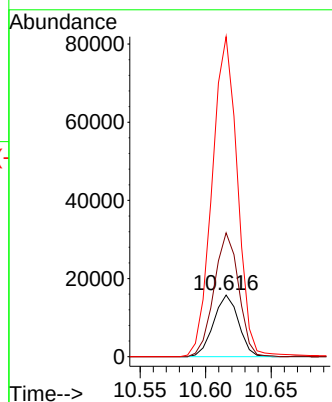
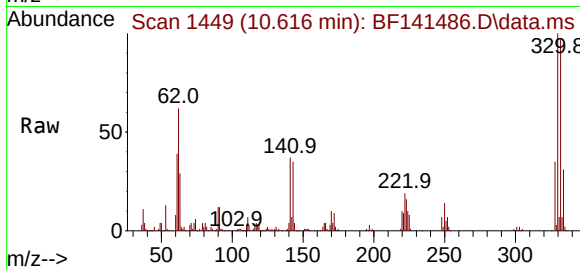




#67
4-Bromophenyl-phenylether
Concen: 4.926 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

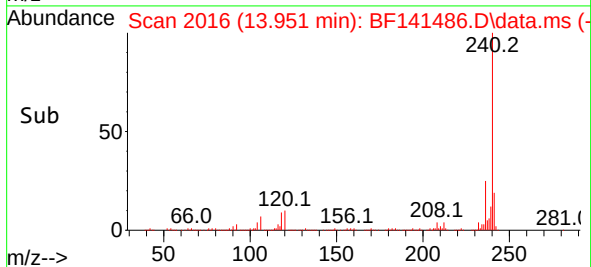
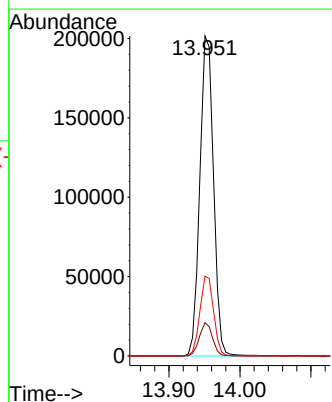
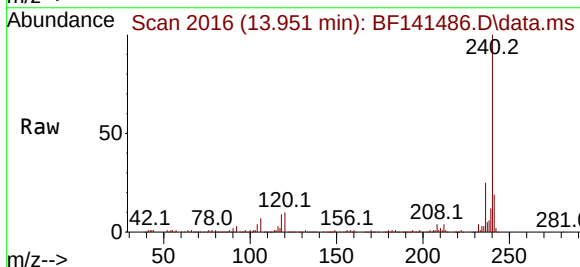
Instrument :
BNA_F
ClientSampleId :
WC-2

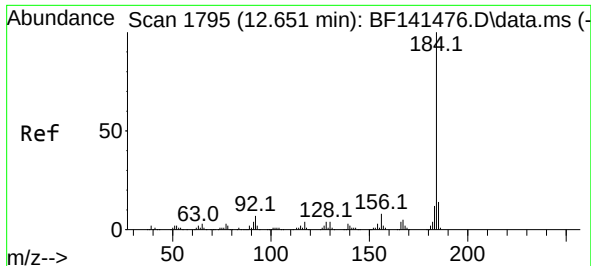
Tgt Ion:248 Resp: 20857
Ion Ratio Lower Upper
248 100
250 200.9 77.8 116.6#
141 519.1 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion:240 Resp: 271024
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.0 19.8 29.8

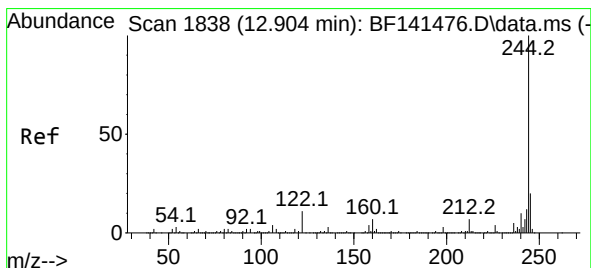
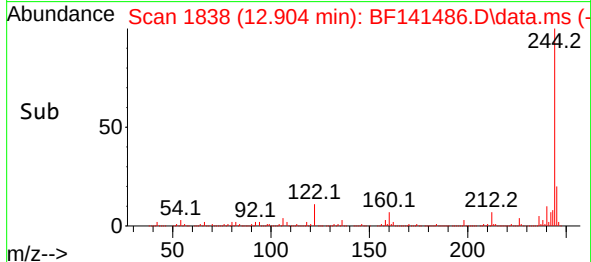
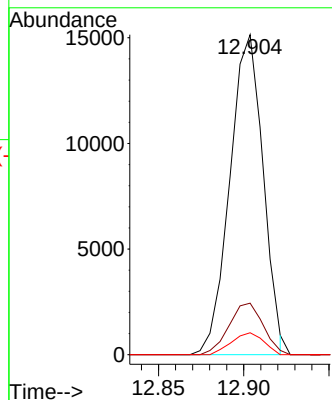
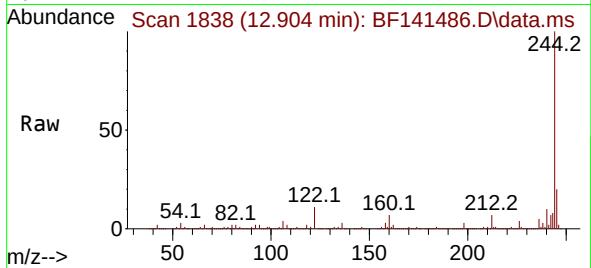




#77
Benzidine
Concen: 3.445 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

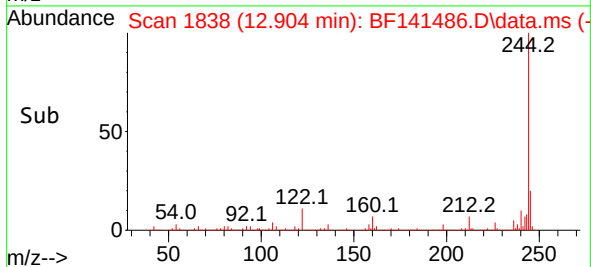
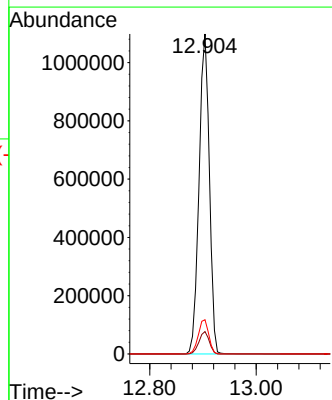
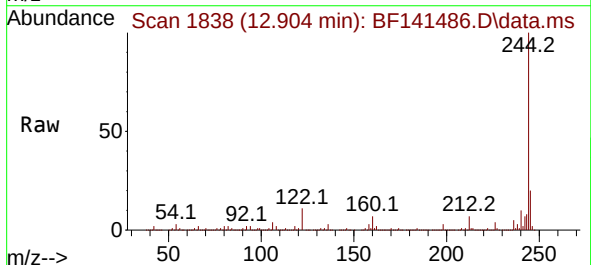
Instrument :
BNA_F
ClientSampleId :
WC-2

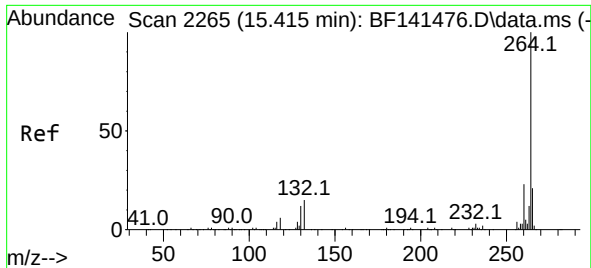
Tgt Ion:184 Resp: 20592
Ion Ratio Lower Upper
184 100
185 16.1 11.3 16.9
183 6.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 91.991 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141486.D
Acq: 06 Feb 2025 18:00

Tgt Ion:244 Resp: 1476848
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141486.D
 Acq: 06 Feb 2025 18:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:264 Resp: 208549
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.5 17.0 25.4

