

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143317.D
 Acq On : 05 Aug 2025 15:55
 Operator : RC/JU
 Sample : Q2760-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-08042025

Quant Time: Aug 05 16:19:02 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

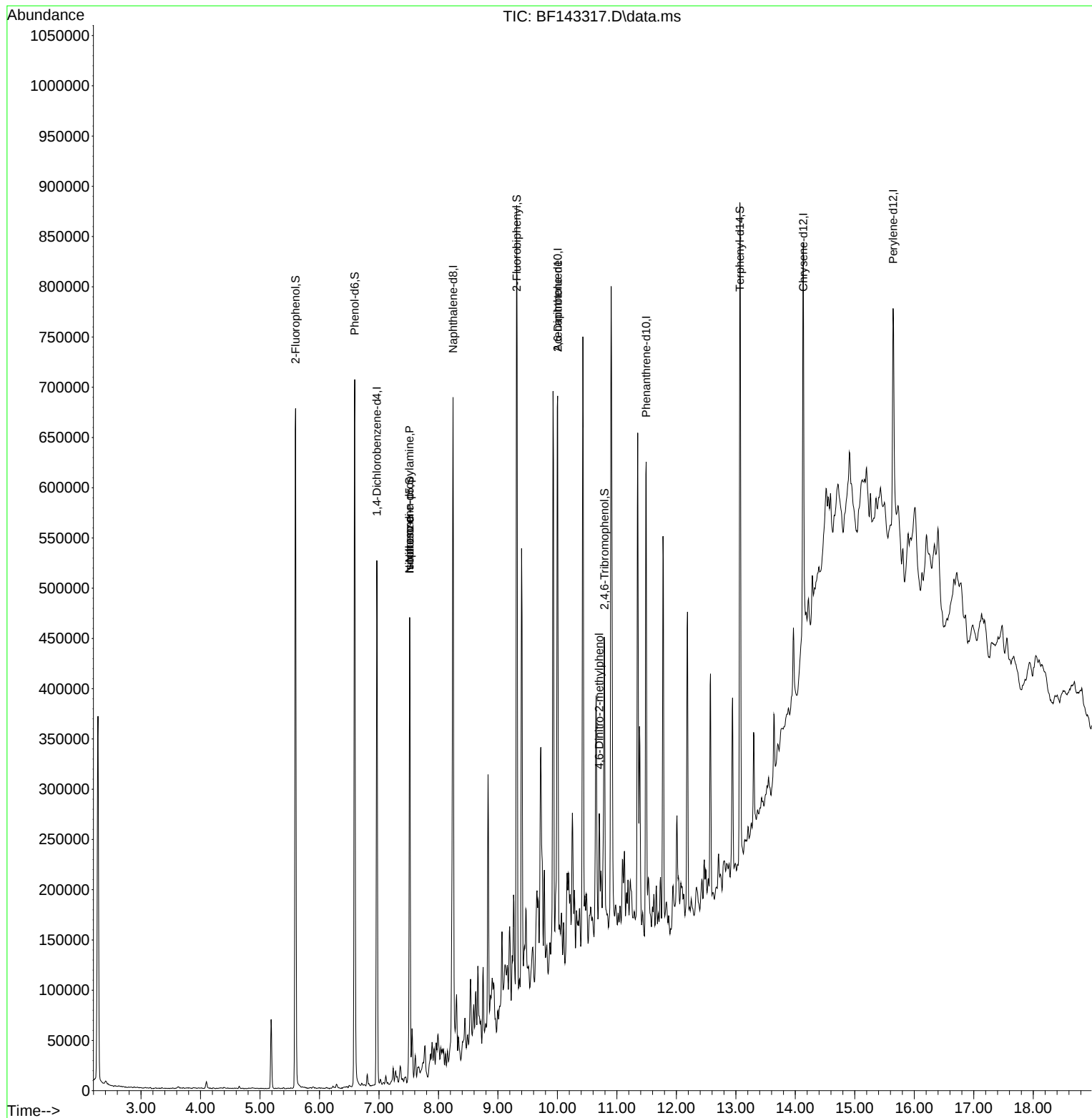
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105969	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	385146	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	161941	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	239590	20.000	ng	0.00
76) Chrysene-d12	14.133	240	191870	20.000	ng	0.01
86) Perylene-d12	15.645	264	134215	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	248005	37.035	ng	0.01
7) Phenol-d6	6.593	99	319233	37.874	ng	0.00
23) Nitrobenzene-d5	7.516	82	187946	24.325	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	53211	31.807	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	345745	29.199	ng	0.00
79) Terphenyl-d14	13.069	244	312158	24.210	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	24844	4.594	ng	# 81
25) Isophorone	7.516	82	182215	13.359	ng	# 66
51) 2,6-Dinitrotoluene	10.004	165	23790	11.079	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.704	198	59	5.454	ng	# 1

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

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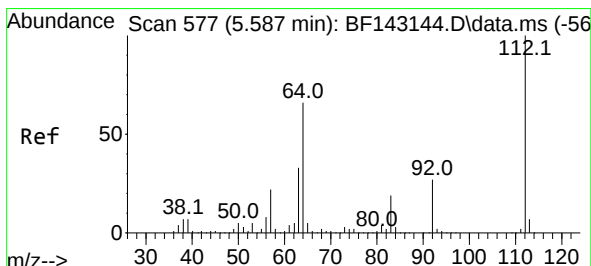
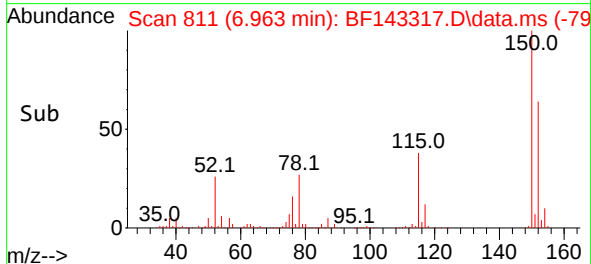
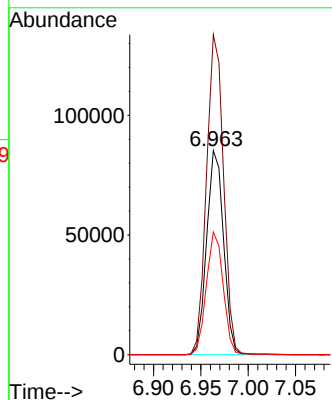
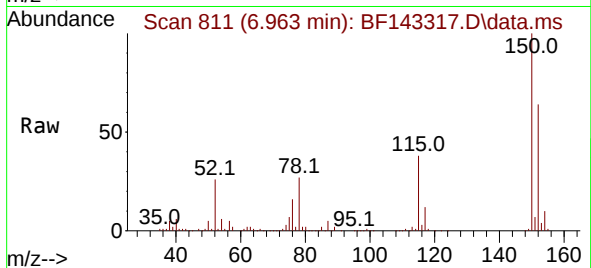




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

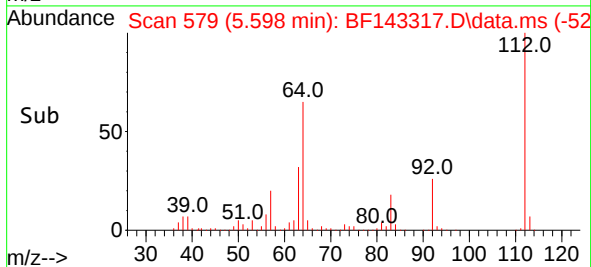
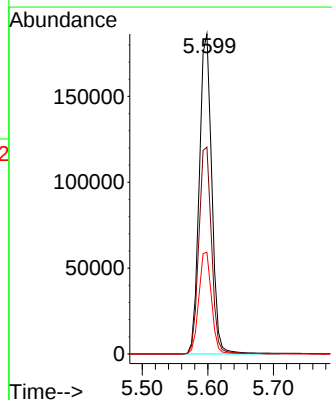
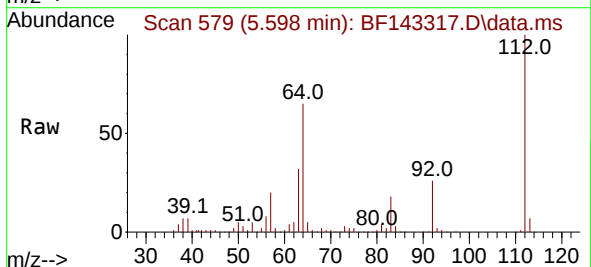
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

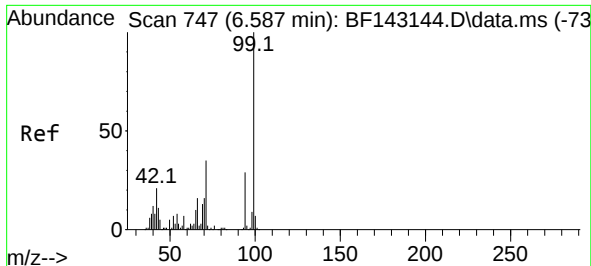
Tgt Ion:152 Resp: 105969
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 37.035 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:112 Resp: 248005
Ion Ratio Lower Upper
112 100
64 64.7 53.1 79.7
63 31.8 26.6 40.0

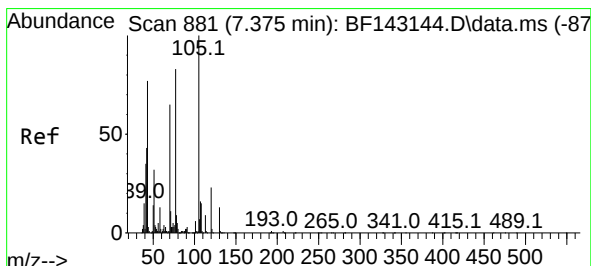
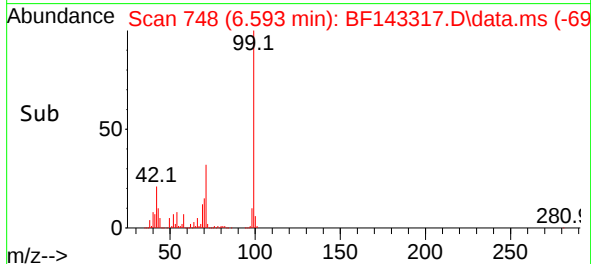
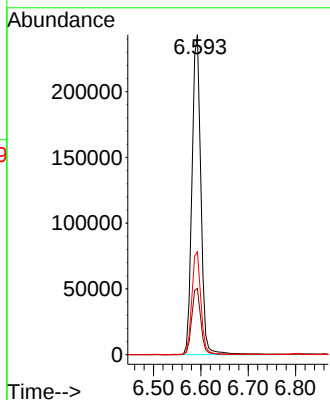
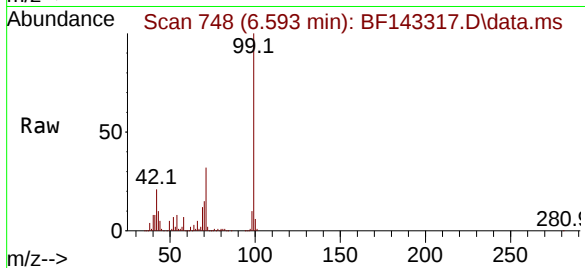




#7
Phenol-d6
Concen: 37.874 ng
RT: 6.593 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

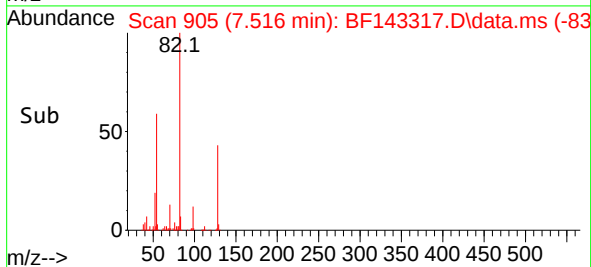
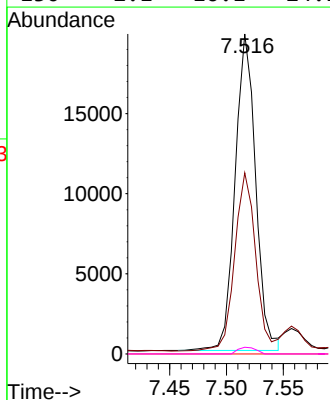
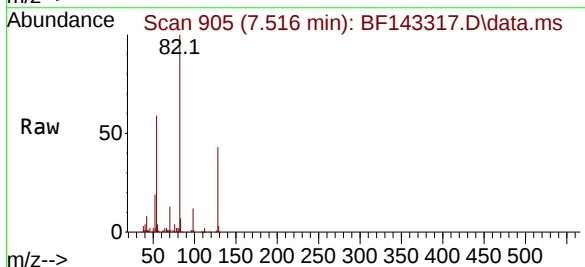
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

Tgt Ion: 99 Resp: 319233
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 32.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 4.594 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion: 70 Resp: 24844
Ion Ratio Lower Upper
70 100
42 56.6 52.5 78.7
101 0.0 7.6 11.4#
130 2.1 16.1 24.1#

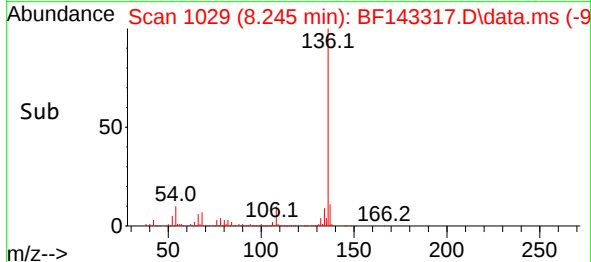
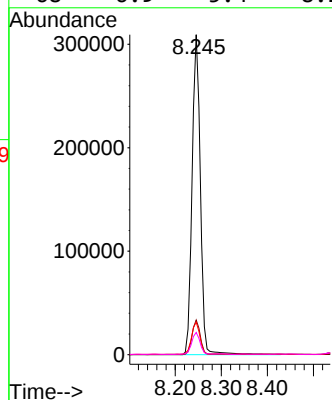
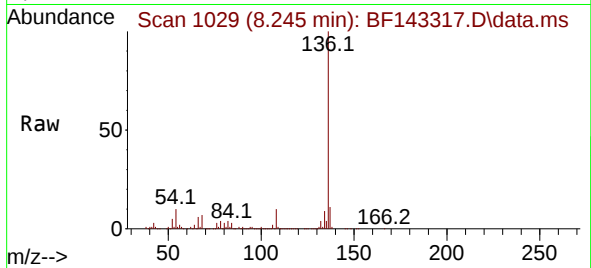




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

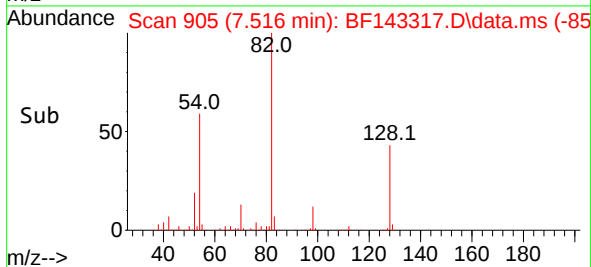
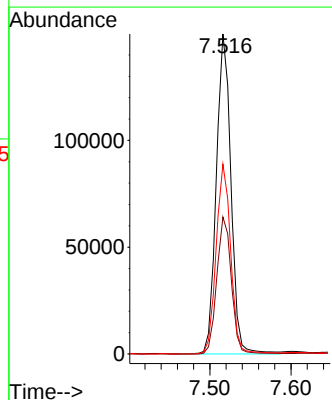
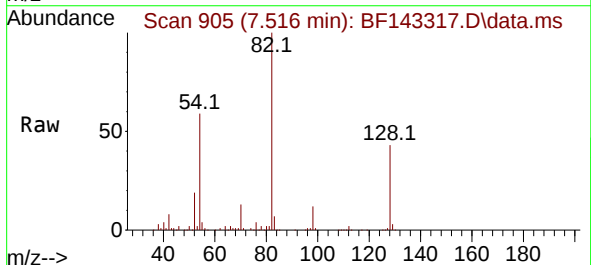
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

Tgt Ion:	136	Resp:	385146
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.2	12.2
68	6.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 24.325 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:	82	Resp:	187946
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.6	50.4
54	59.3	47.1	70.7

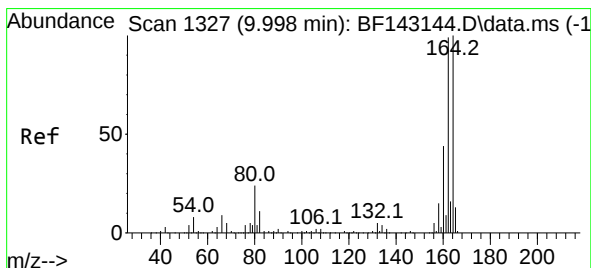
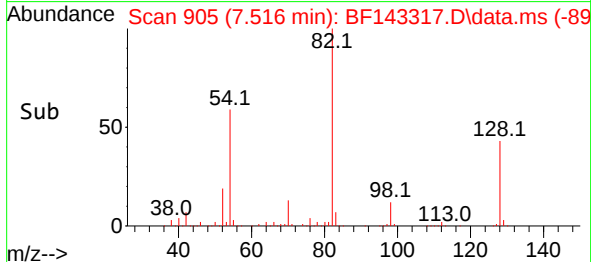
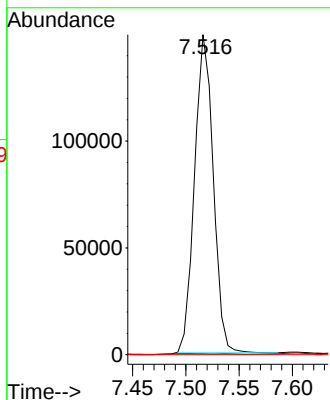
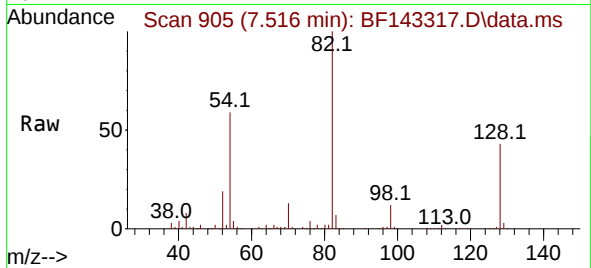




#25
Isophorone
Concen: 13.359 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

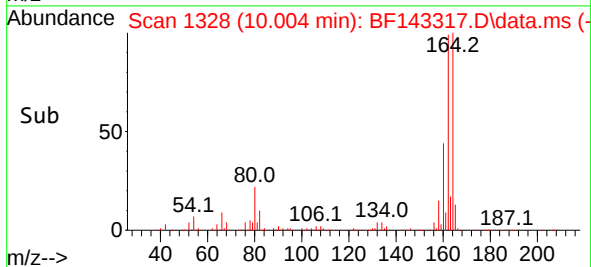
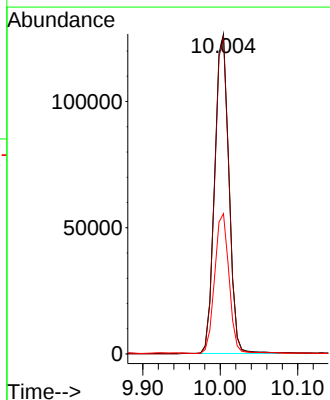
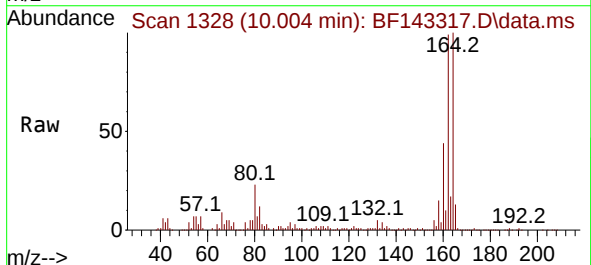
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

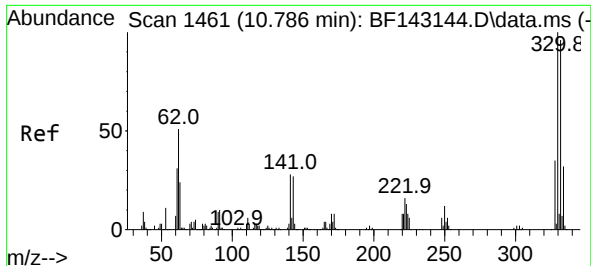
Tgt Ion: 82 Resp: 182215
Ion Ratio Lower Upper
82 100
95 0.2 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion: 164 Resp: 161941
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 43.8 35.1 52.7

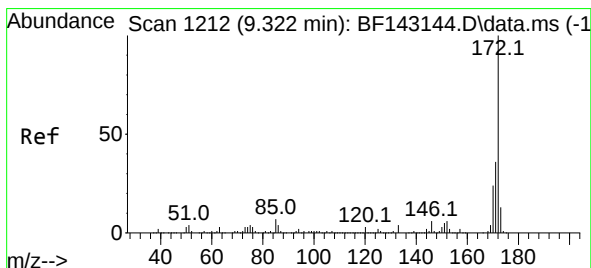
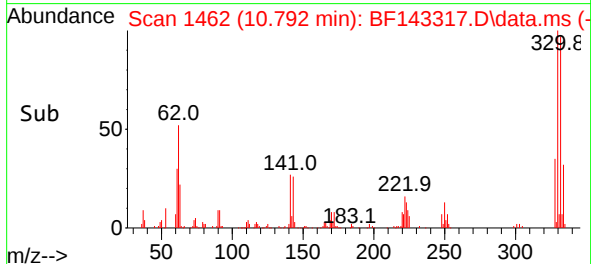
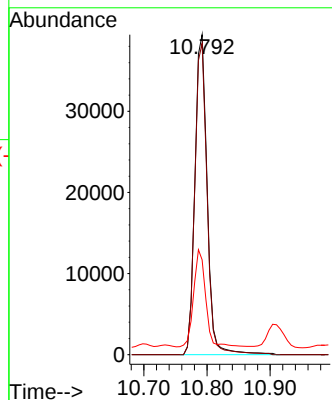
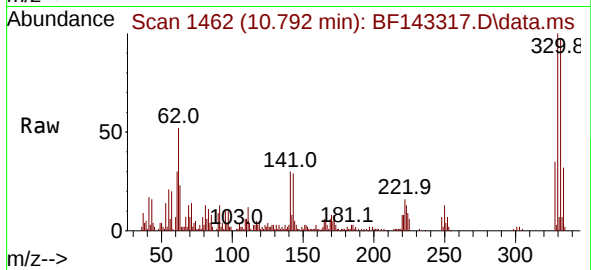




#42
2,4,6-Tribromophenol
Concen: 31.807 ng
RT: 10.792 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

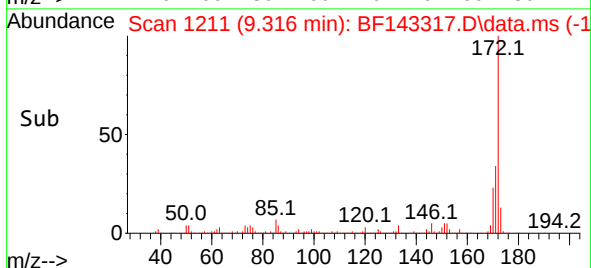
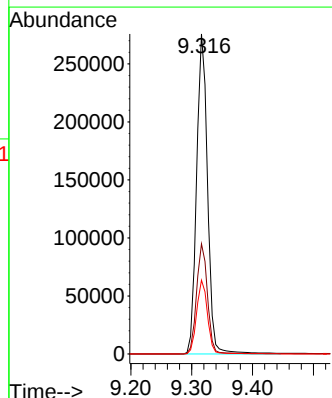
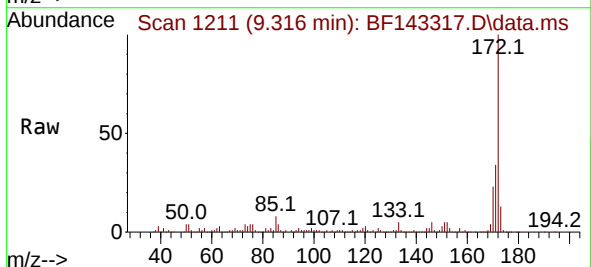
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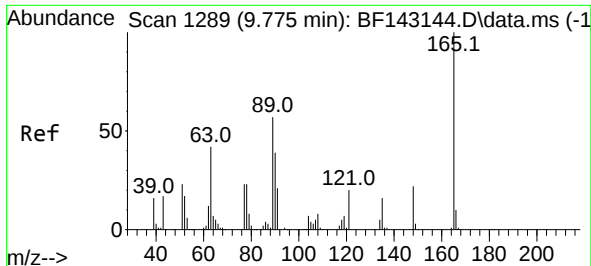
Tgt Ion:330 Resp: 53211
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 29.8 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 29.199 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:172 Resp: 345745
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.0 18.8 28.2

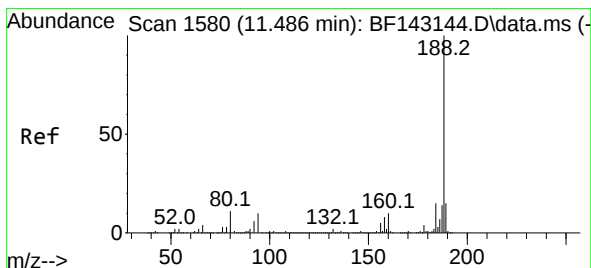
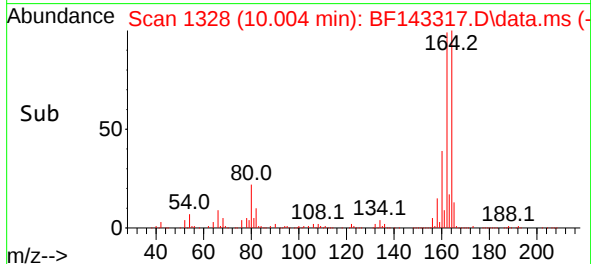
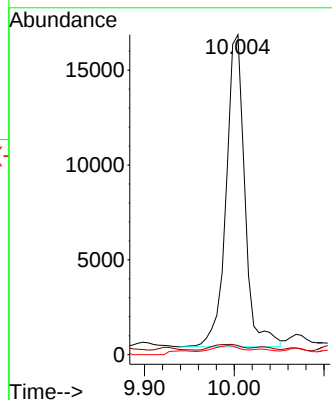
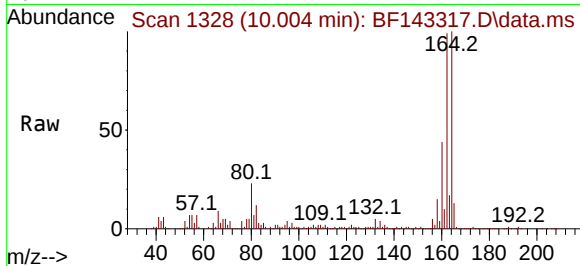




#51
2,6-Dinitrotoluene
Concen: 11.079 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.230 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

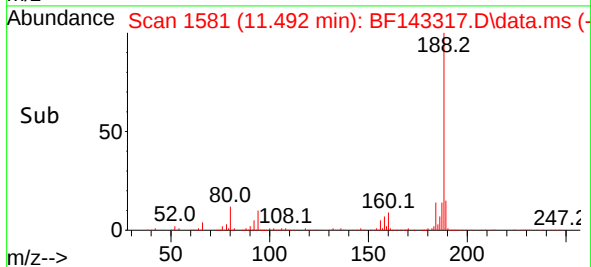
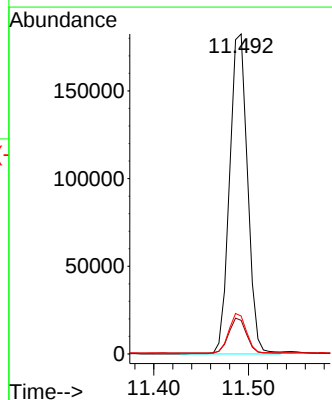
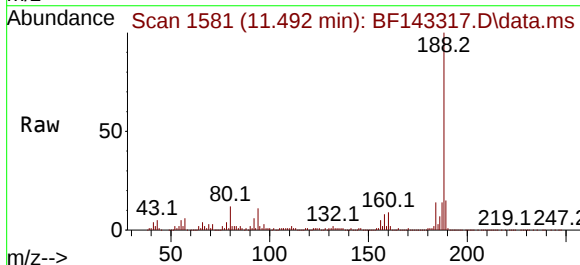
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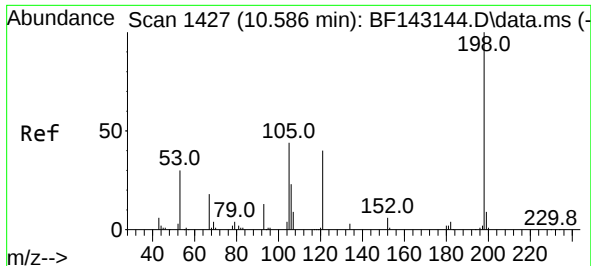
Tgt Ion:165 Resp: 23790
Ion Ratio Lower Upper
165 100
63 2.9 49.4 74.2#
89 2.1 46.2 69.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:188 Resp: 239590
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.9 9.0 13.6

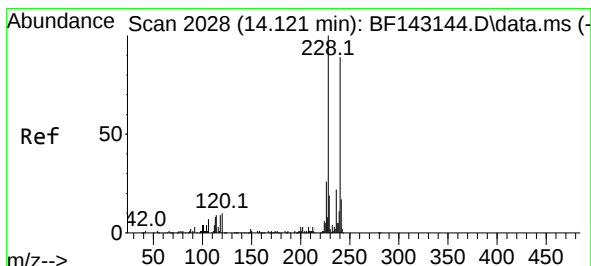
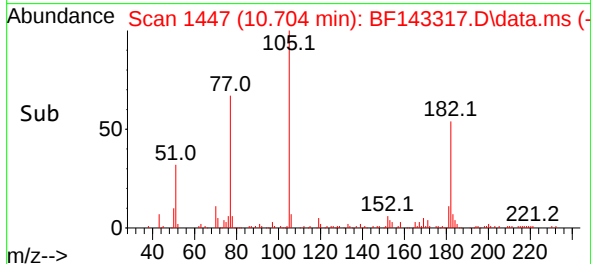
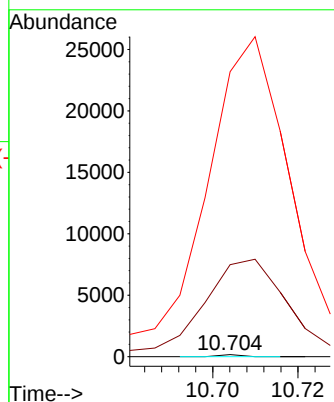
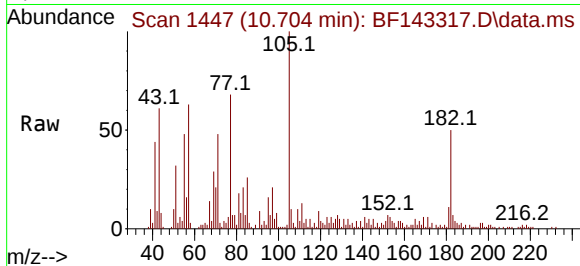




#65
4,6-Dinitro-2-methylphenol
Concen: 5.454 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.118 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

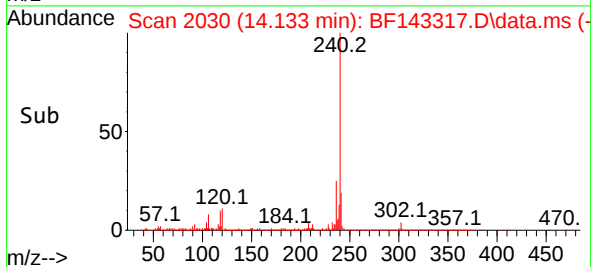
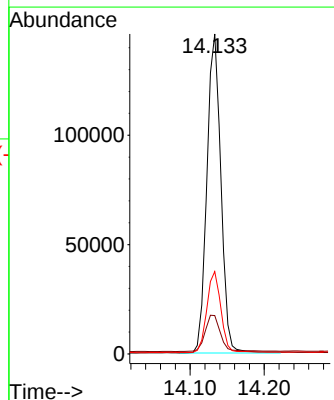
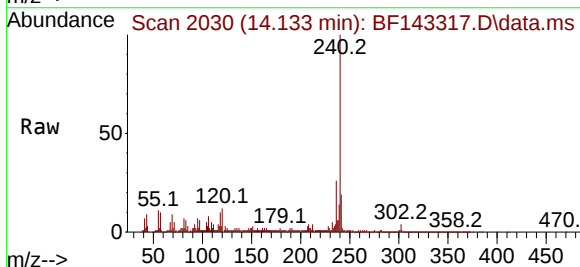
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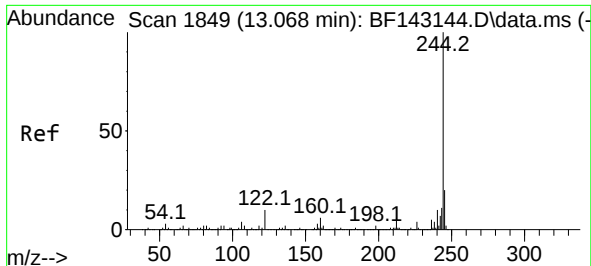
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 4457.7 37.2 77.2#
105 13804.8 24.8 64.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143317.D
Acq: 05 Aug 2025 15:55

Tgt Ion:240 Resp: 191870
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.8 20.2 30.4

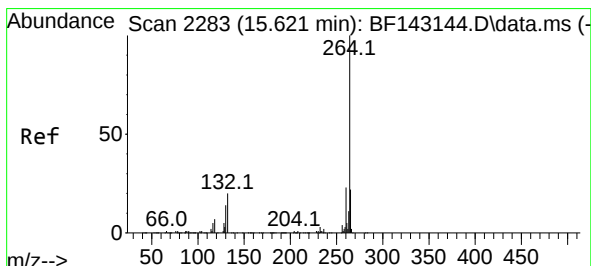
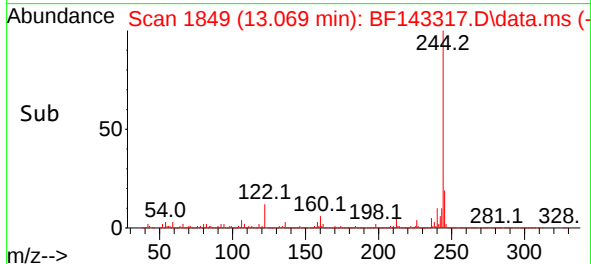
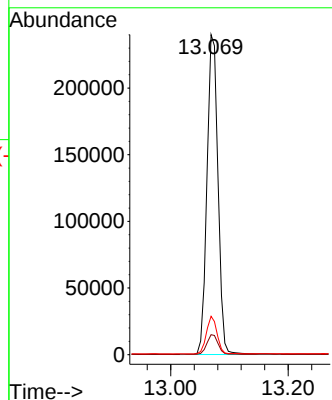
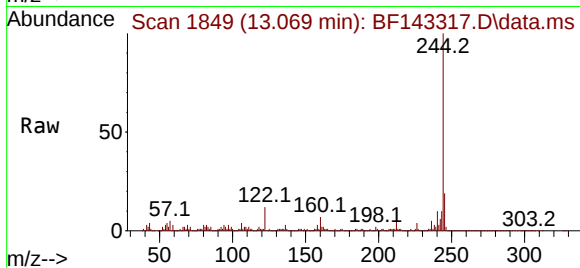




#79
 Terphenyl-d14
 Concen: 24.210 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143317.D
 Acq: 05 Aug 2025 15:55

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-08042025

Tgt Ion:244 Resp: 312158
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 12.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2287
 Delta R.T. 0.024 min
 Lab File: BF143317.D
 Acq: 05 Aug 2025 15:55

Tgt Ion:264 Resp: 134215
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 22.6 17.4 26.2

