

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143888.D
 Acq On : 08 Oct 2025 10:42
 Operator : RC/JU
 Sample : PB170004BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170004BL

Quant Time: Oct 08 11:14:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

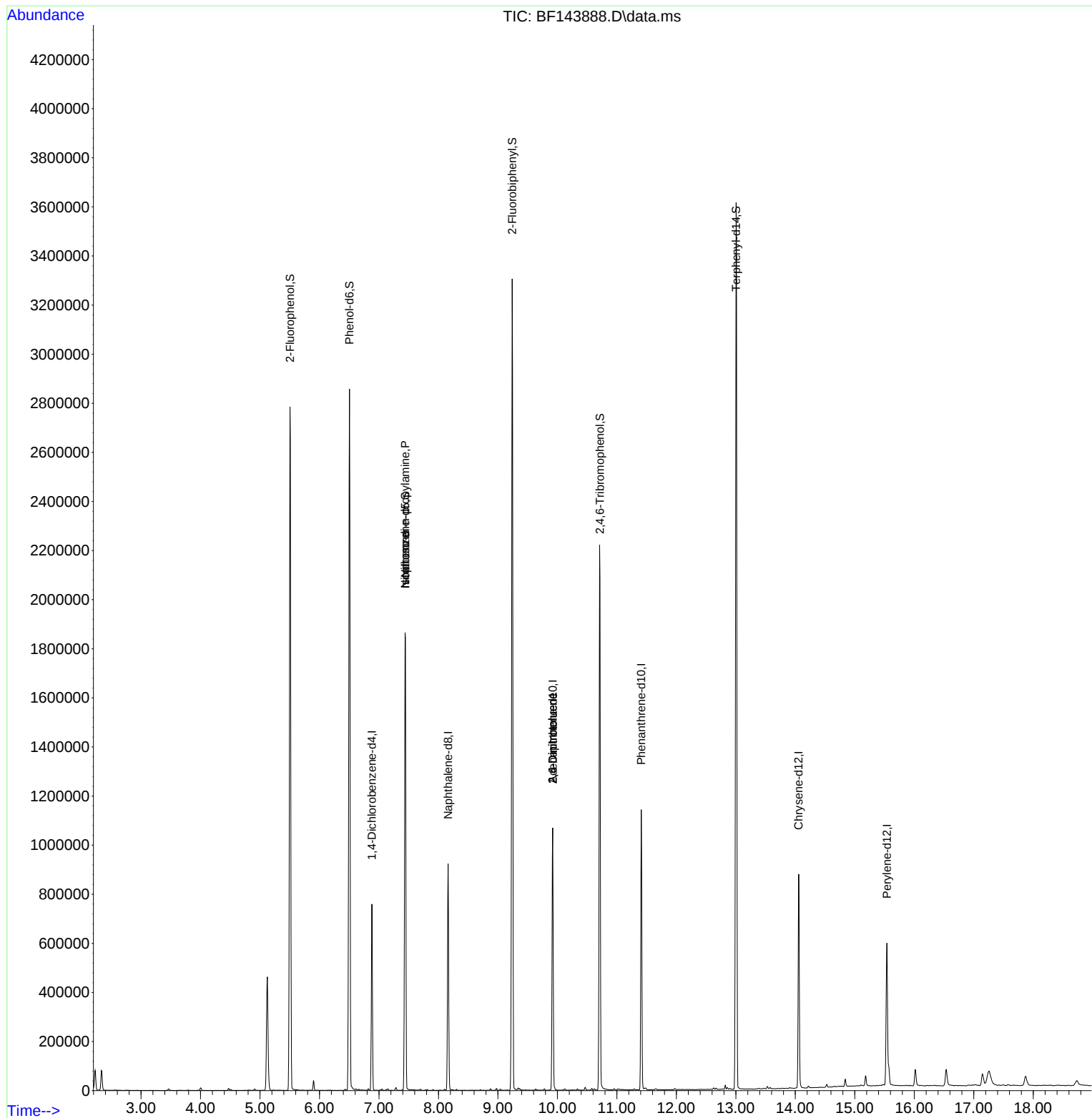
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	155210	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	597434	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	331058	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	598123	20.000	ng	0.00
76) Chrysene-d12	14.057	240	430751	20.000	ng	-0.01
86) Perylene-d12	15.539	264	368951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1146966	117.349	ng	0.00
7) Phenol-d6	6.504	99	1364919	117.159	ng	-0.01
23) Nitrobenzene-d5	7.439	82	893802	90.893	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	465919	141.299	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1673103	80.191	ng	-0.01
79) Terphenyl-d14	13.004	244	2087290	82.817	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	130716	16.392	ng	# 79
25) Isophorone	7.439	82	764911	36.891	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	42772	10.972	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	42772	8.064	ng	# 27

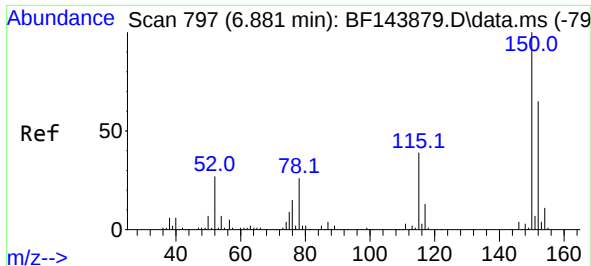
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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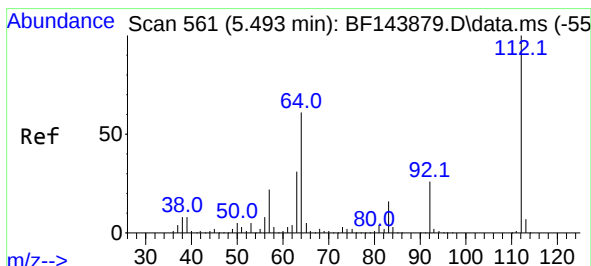
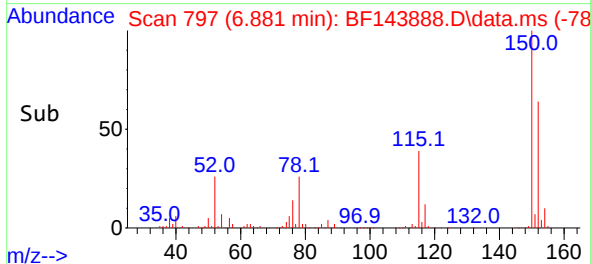
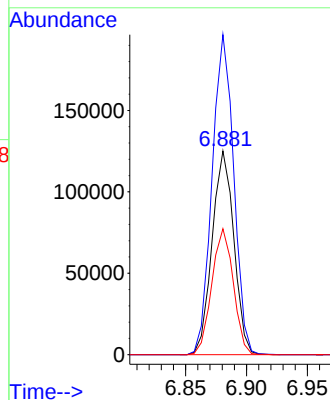
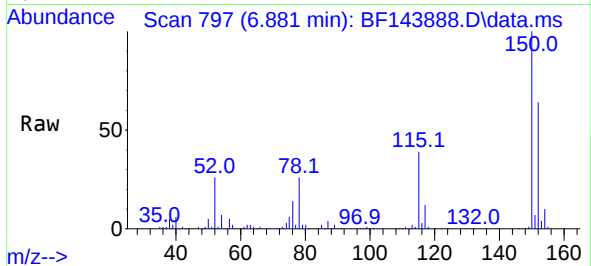




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

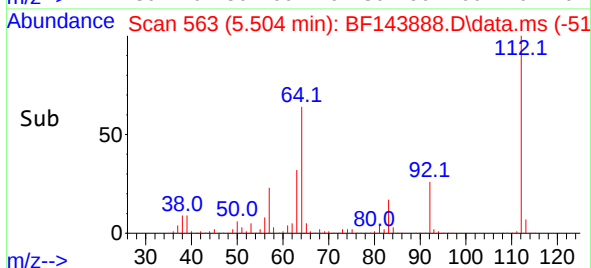
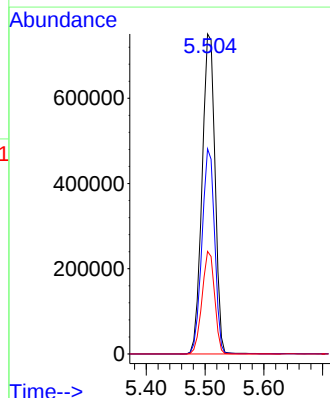
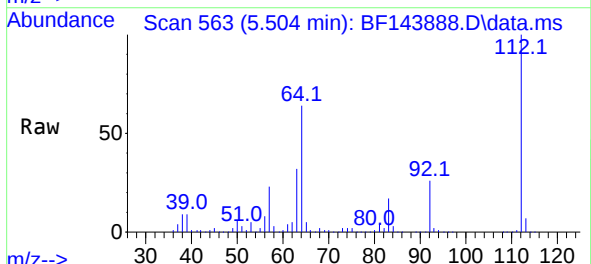
Instrument :
BNA_F
ClientSampleId :
PB170004BL

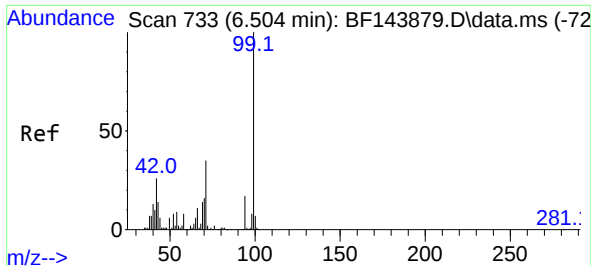
Tgt Ion:152 Resp: 155210
Ion Ratio Lower Upper
152 100
150 157.1 124.4 186.6
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 117.349 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Tgt Ion:112 Resp: 1146966
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 32.1 24.5 36.7

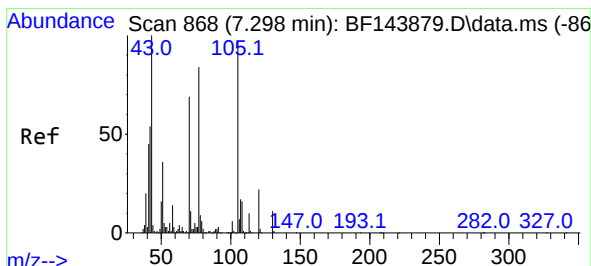
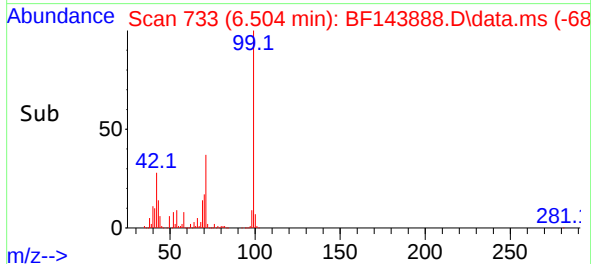
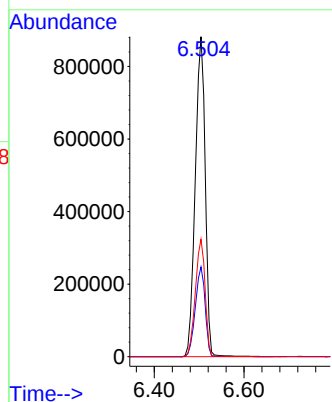
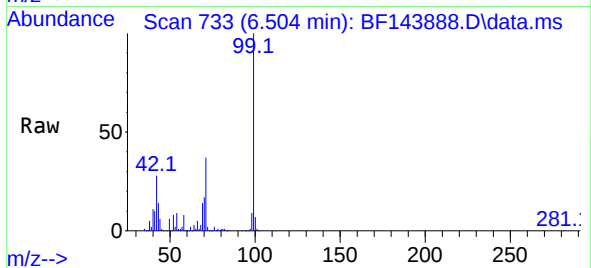




#7
Phenol-d6
Concen: 117.159 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

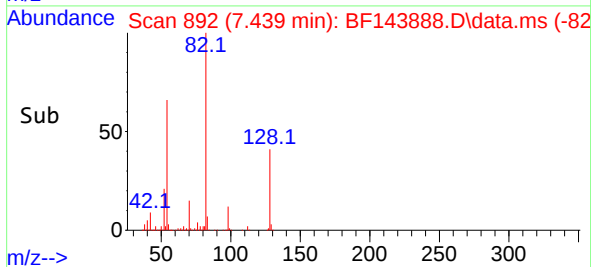
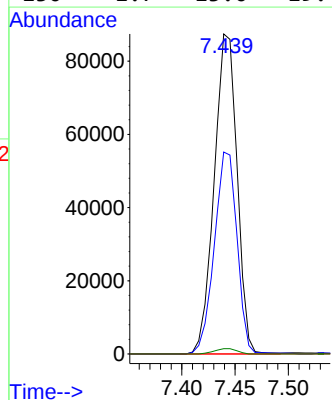
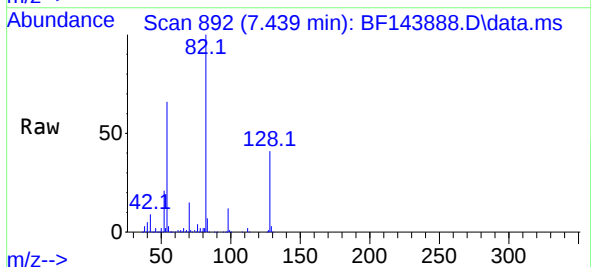
Instrument :
BNA_F
ClientSampleId :
PB170004BL

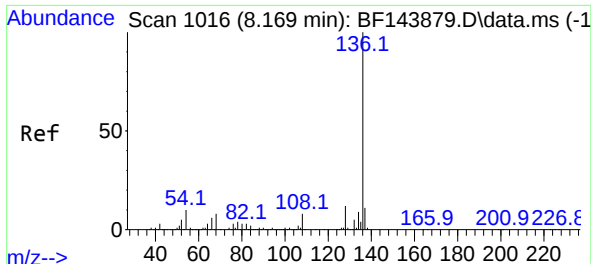
Tgt Ion: 99 Resp: 1364919
Ion Ratio Lower Upper
99 100
42 28.1 21.0 31.4
71 36.7 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.392 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.123 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Tgt Ion: 70 Resp: 130716
Ion Ratio Lower Upper
70 100
42 63.1 62.8 94.2
101 0.0 6.7 10.1#
130 1.7 13.0 19.4#



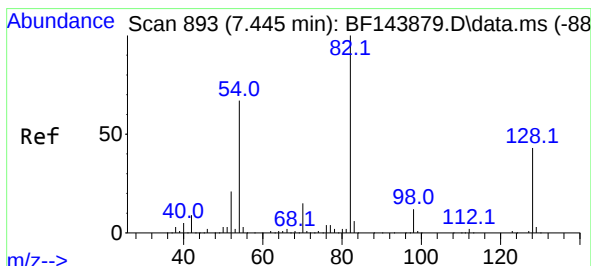
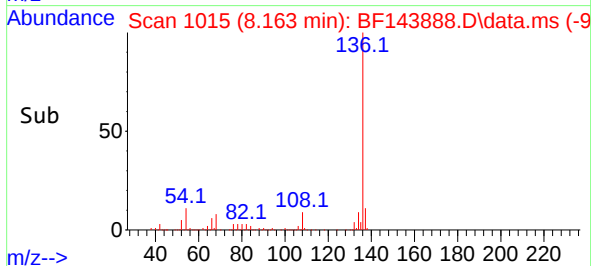
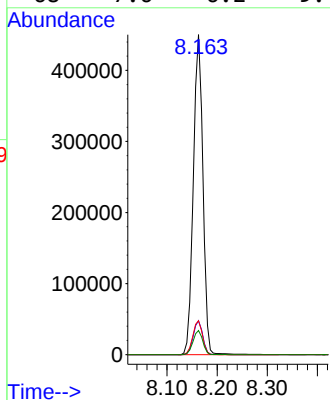
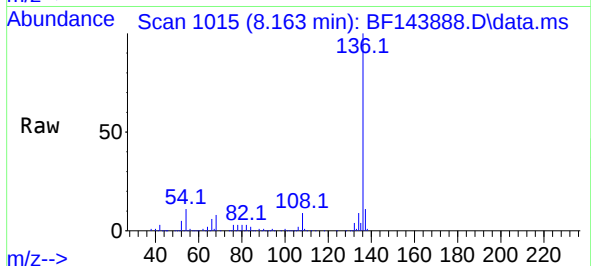


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
PB170004BL

Tgt Ion:136 Resp: 597434

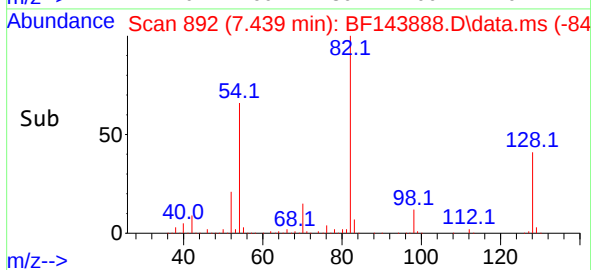
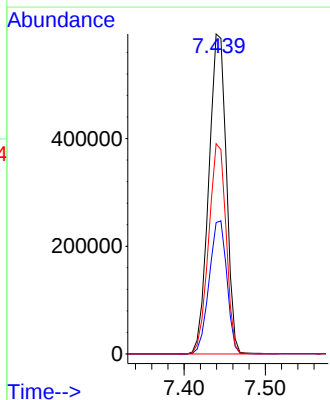
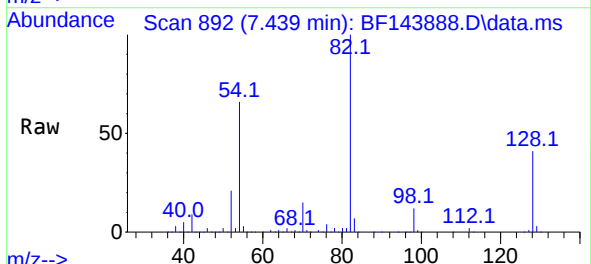
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.6	8.2	12.4
68	7.6	6.2	9.4

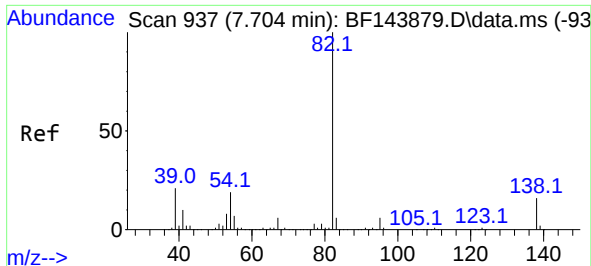


#23
Nitrobenzene-d5
Concen: 90.893 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Tgt Ion: 82 Resp: 893802

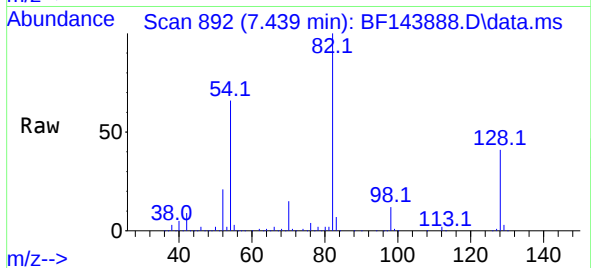
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	65.7	53.2	79.8



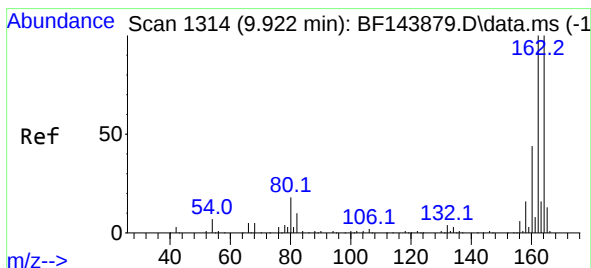
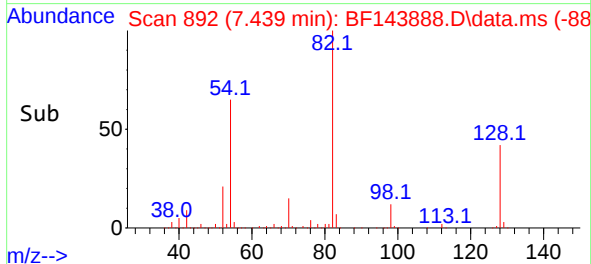
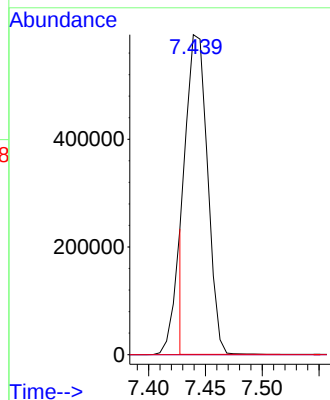


#25
Isophorone
Concen: 36.891 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.282 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
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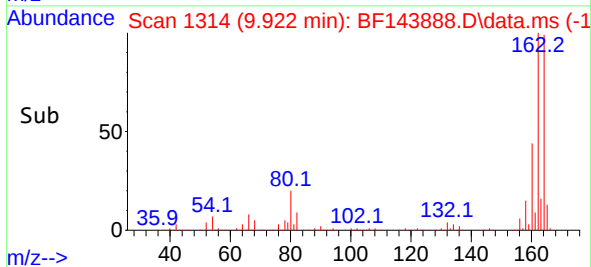
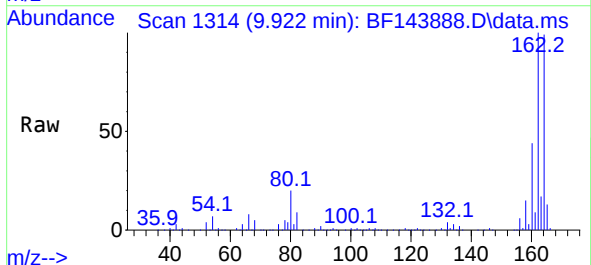
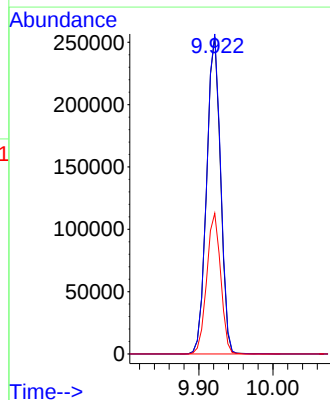


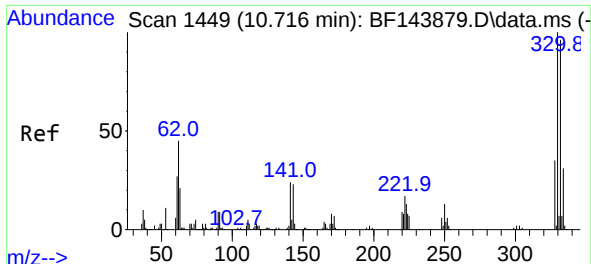
Tgt Ion: 82 Resp: 764911
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

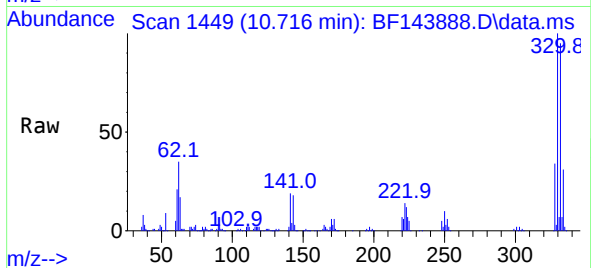
Tgt Ion: 164 Resp: 331058
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.3 35.4 53.0



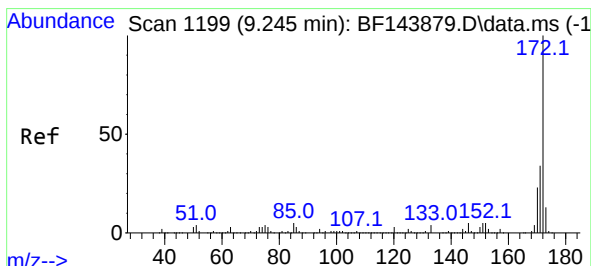
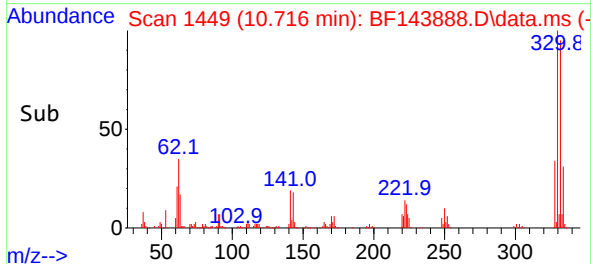
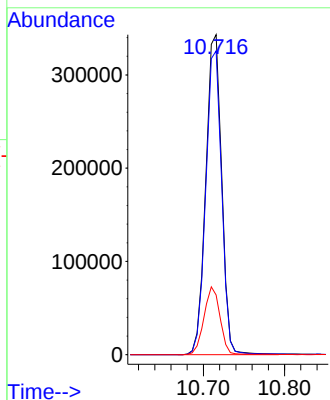


#42
2,4,6-Tribromophenol
Concen: 141.299 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
PB170004BL

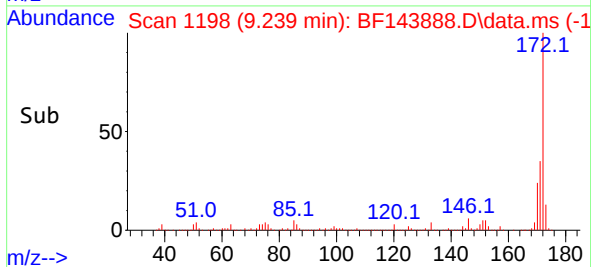
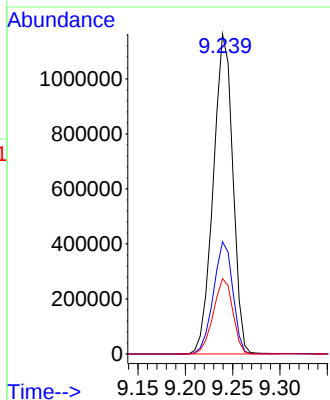
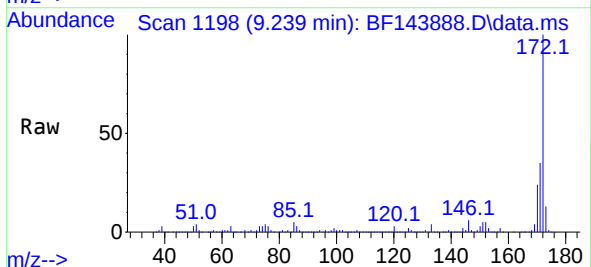


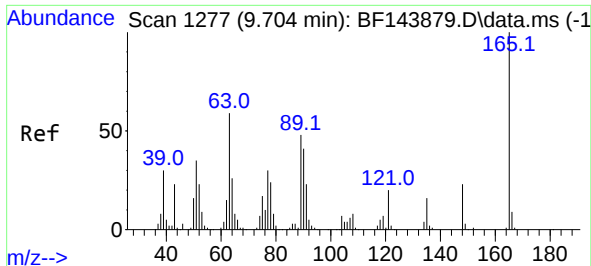
Tgt Ion: 330 Resp: 465919
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 21.4 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 80.191 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Tgt Ion: 172 Resp: 1673103
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 23.6 18.6 28.0

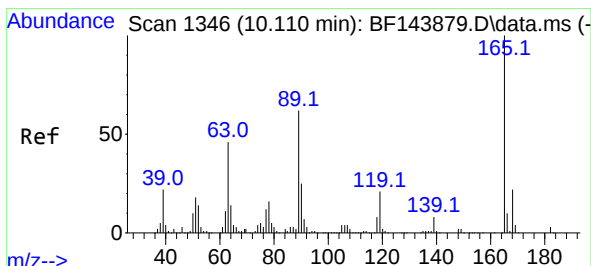
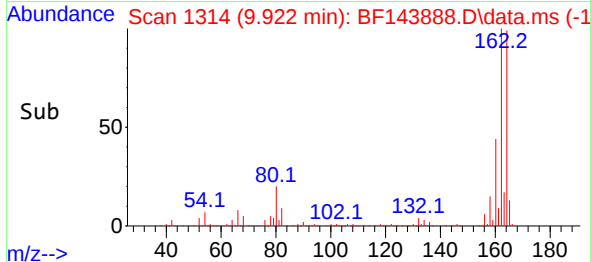
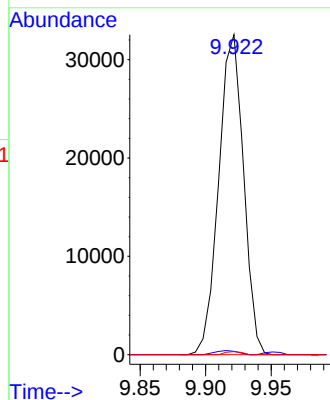
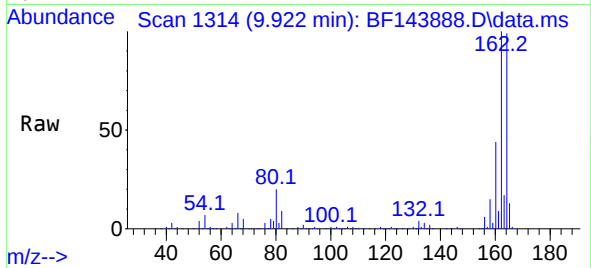




#51
2,6-Dinitrotoluene
Concen: 10.972 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

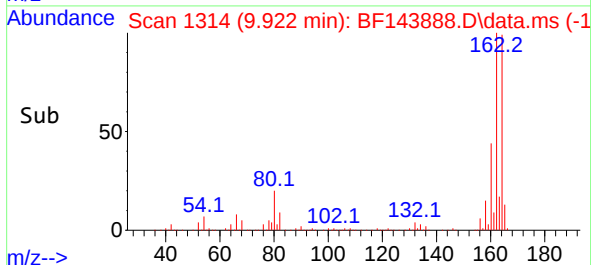
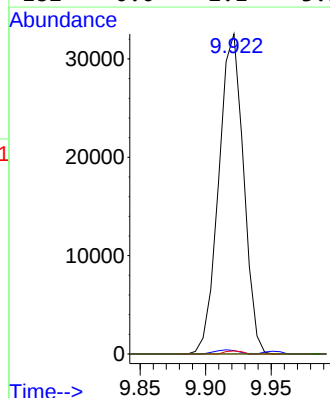
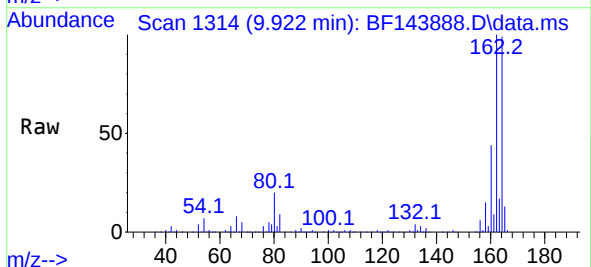
Instrument :
BNA_F
ClientSampleId :
PB170004BL

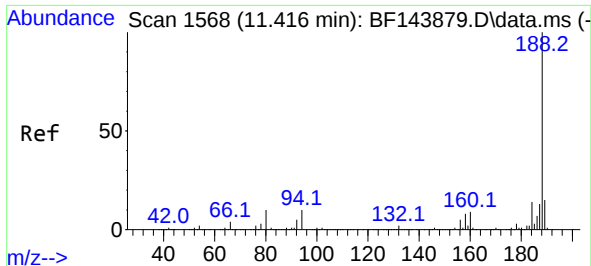
Tgt Ion:165 Resp: 42772
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 0.9 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 8.064 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

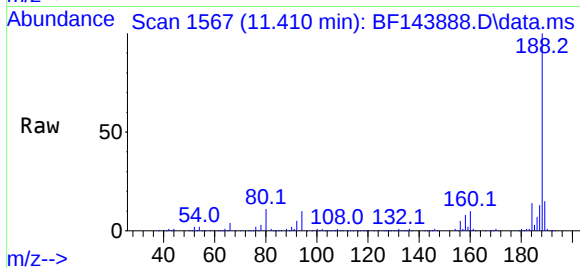
Tgt Ion:165 Resp: 42772
Ion Ratio Lower Upper
165 100
63 1.1 37.2 55.8#
89 0.9 49.4 74.2#
182 0.0 2.1 3.1#



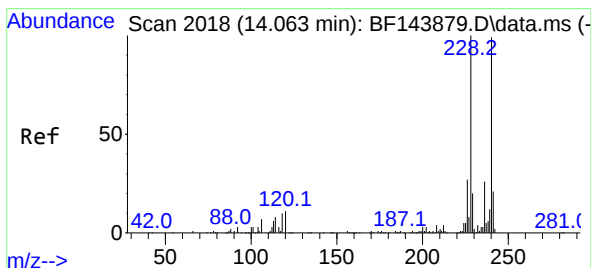
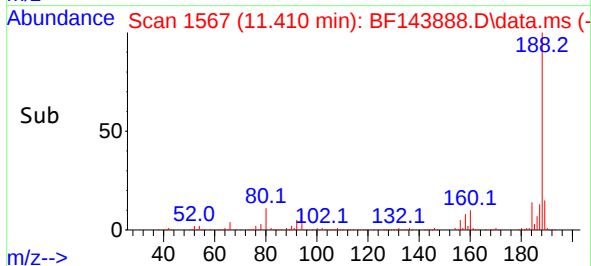
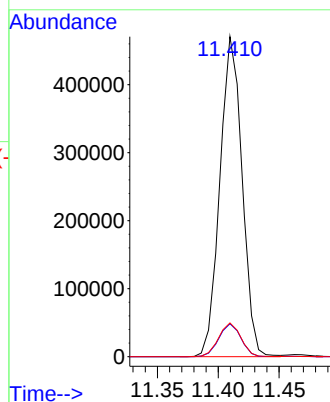


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
PB170004BL

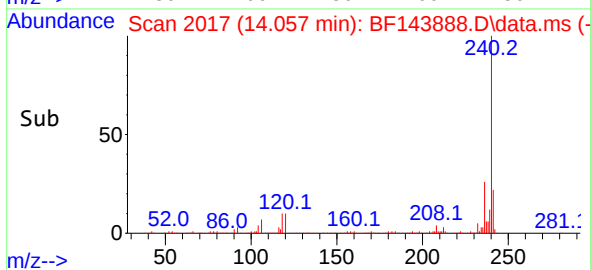
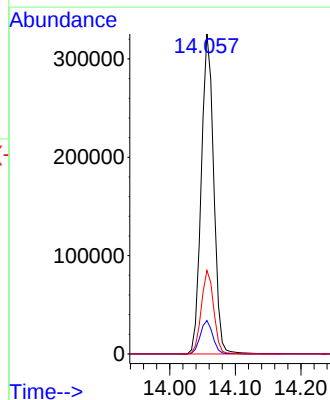
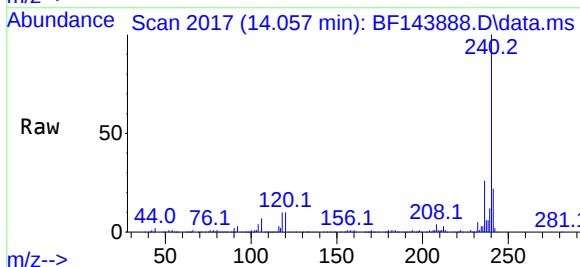


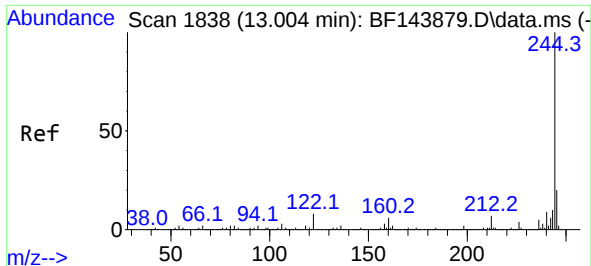
Tgt Ion:188 Resp: 598123
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

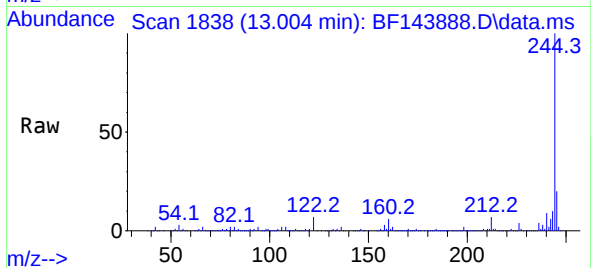
Tgt Ion:240 Resp: 430751
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 26.1 21.1 31.7





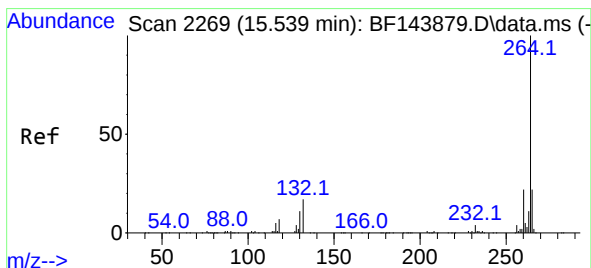
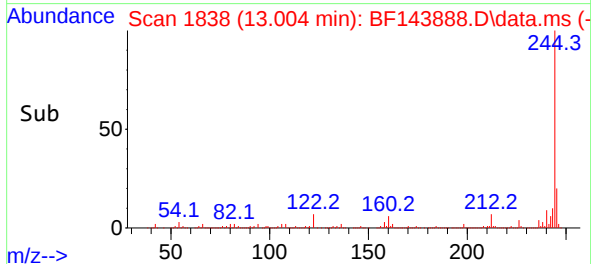
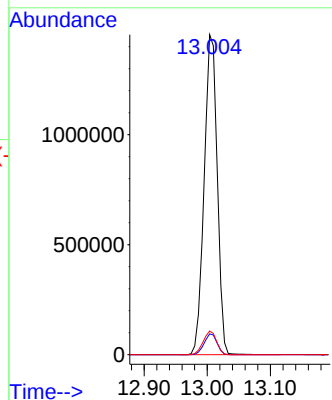
#79
Terphenyl-d14
Concen: 82.817 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
PB170004BL



Tgt Ion:244 Resp: 2087290

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	7.4	6.4	9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143888.D
Acq: 08 Oct 2025 10:42

Tgt Ion:264 Resp: 368951

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.8	26.8
265	21.5	17.5	26.3

