

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135683.D
 Acq On : 10 Oct 2023 14:21
 Operator : CG\JU
 Sample : PB156207BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156207BL

Quant Time: Oct 11 02:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

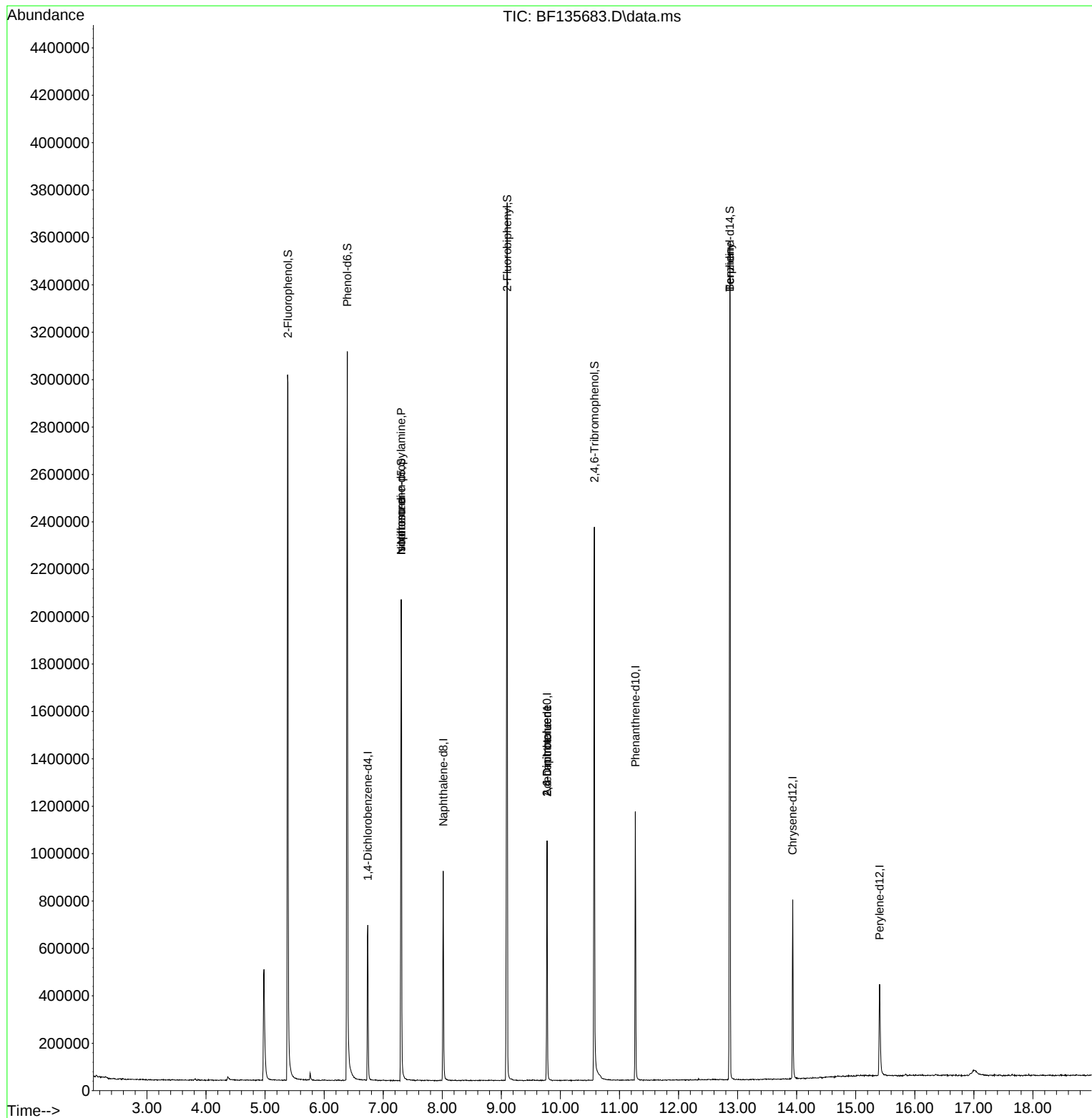
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	105423	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	404579	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	208813	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	419542	20.000	ng	0.00
76) Chrysene-d12	13.933	240	263305	20.000	ng	0.00
86) Perylene-d12	15.404	264	219813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	916674	141.423	ng	0.02
7) Phenol-d6	6.393	99	1145427	138.975	ng	0.00
23) Nitrobenzene-d5	7.304	82	721443	96.880	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	308565	148.699	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1309277	94.598	ng	0.00
79) Terphenyl-d14	12.869	244	1435499	84.514	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	97828	19.163	ng	# 82
25) Isophorone	7.304	82	721443	52.759	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	27011	8.734	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	27011	6.976	ng	# 19
77) Benzdine	12.869	184	17703	3.282	ng	# 92

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

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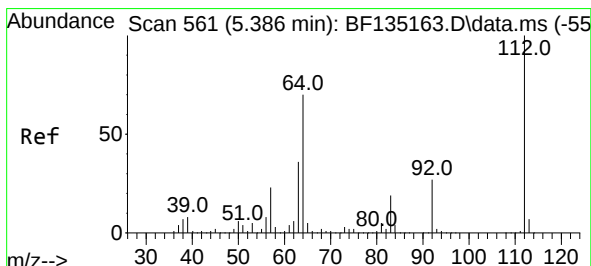
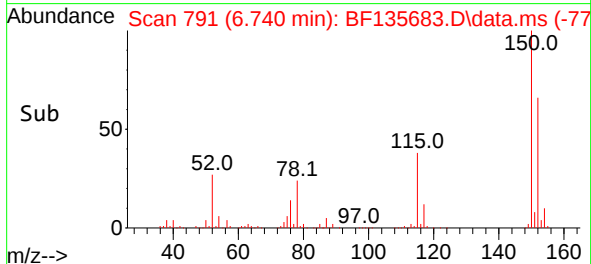
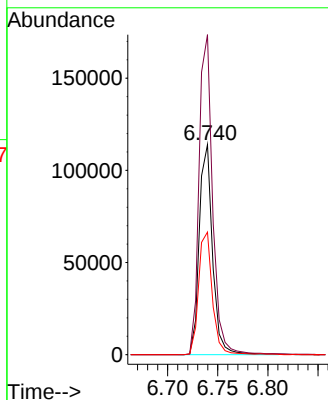
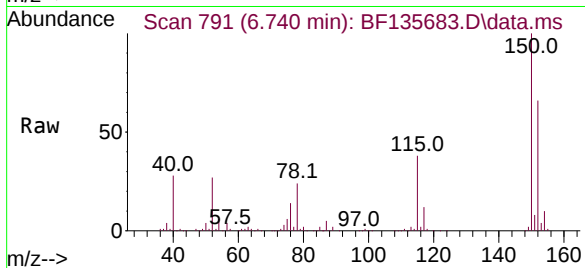




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

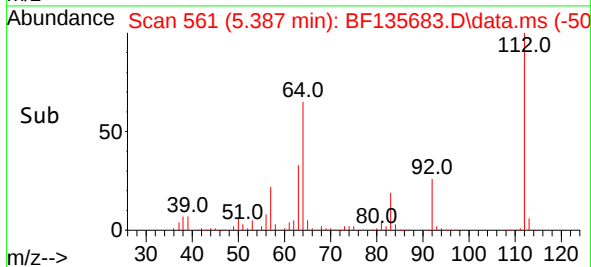
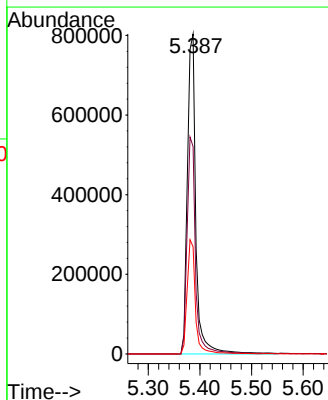
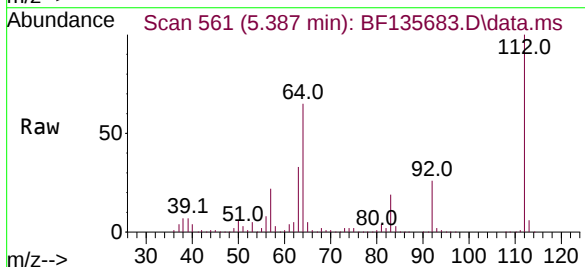
Instrument :
BNA_F
ClientSampleId :
PB156207BL

Tgt Ion:152 Resp: 105423
Ion Ratio Lower Upper
152 100
150 152.4 127.8 191.6
115 58.4 49.8 74.8



#5
2-Fluorophenol
Concen: 141.423 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Tgt Ion:112 Resp: 916674
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.5 29.0 43.6





#7

Phenol-d6

Concen: 138.975 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135683.D

Acq: 10 Oct 2023 14:21

Instrument :

BNA_F

ClientSampleId :

PB156207BL

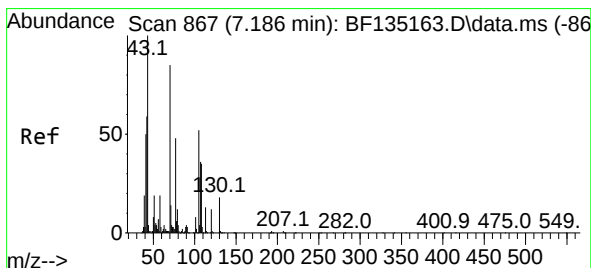
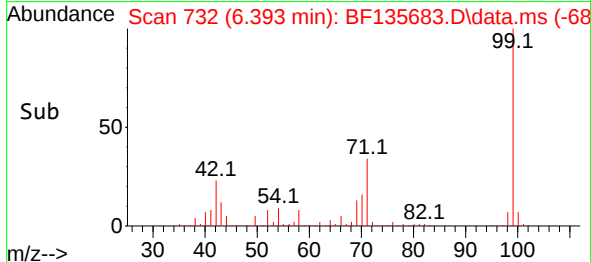
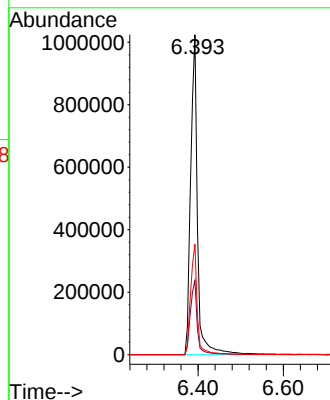
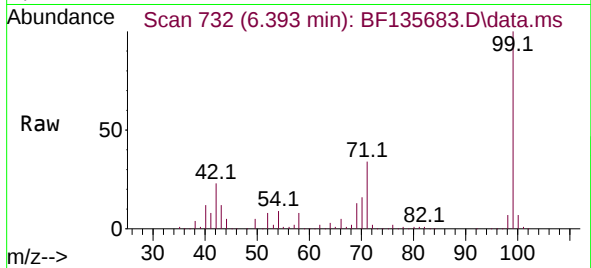
Tgt Ion: 99 Resp: 1145427

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 34.5 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.163 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135683.D

Acq: 10 Oct 2023 14:21

Tgt Ion: 70 Resp: 97828

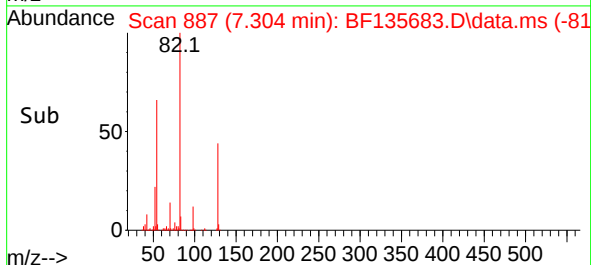
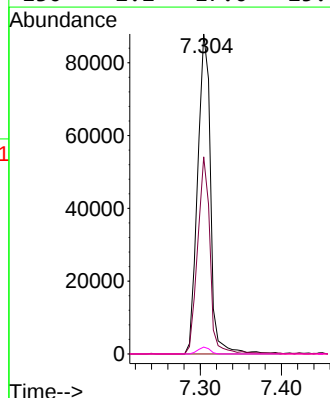
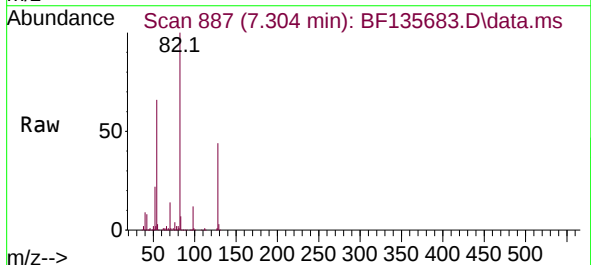
Ion Ratio Lower Upper

70 100

42 61.6 55.4 83.0

101 0.0 7.7 11.5#

130 2.2 17.0 25.6#

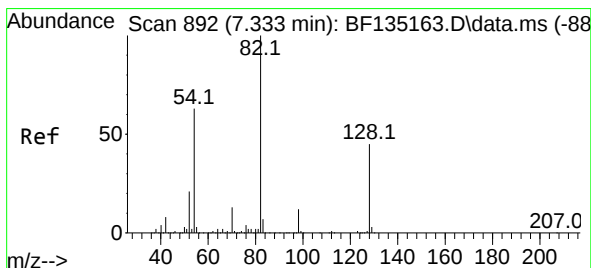
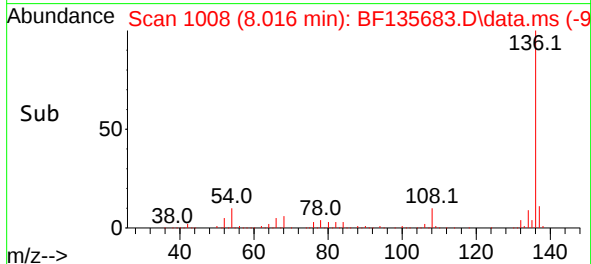
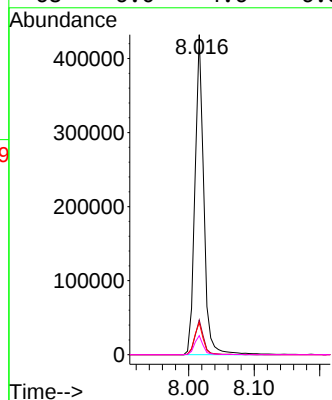
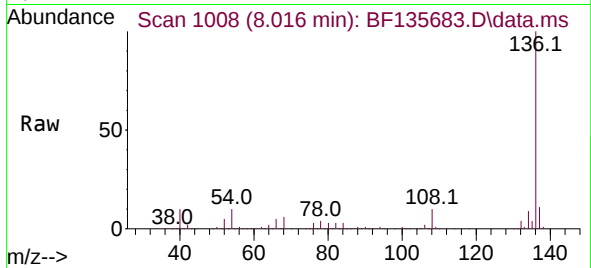




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

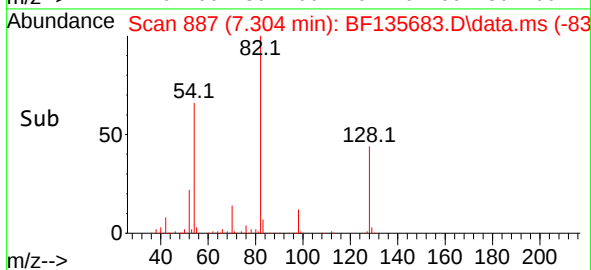
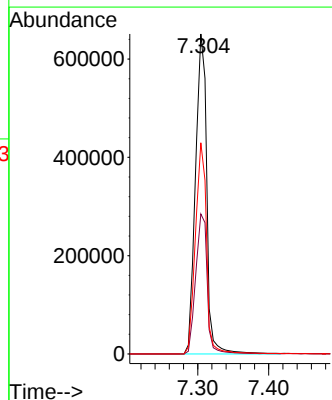
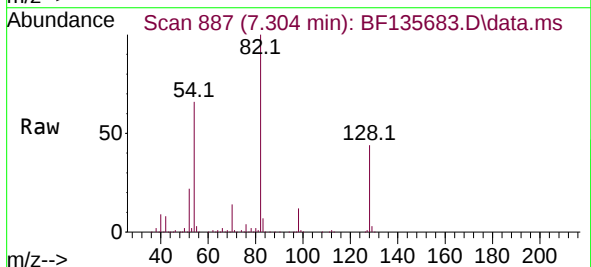
Instrument :
BNA_F
ClientSampleId :
PB156207BL

Tgt Ion:136 Resp: 404579
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.0 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 96.880 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Tgt Ion: 82 Resp: 721443
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 66.0 50.6 76.0

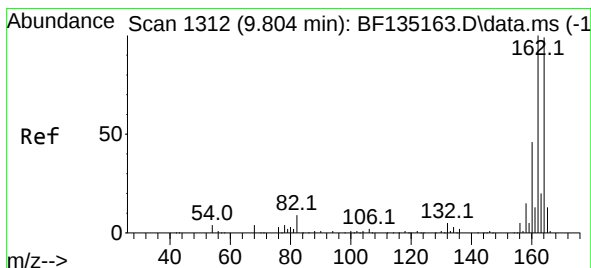
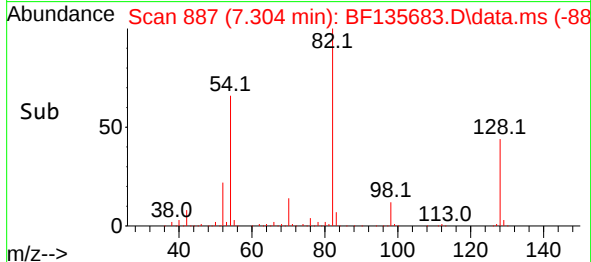
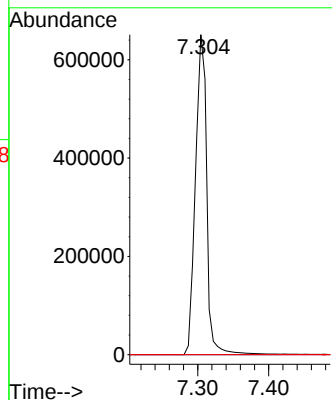
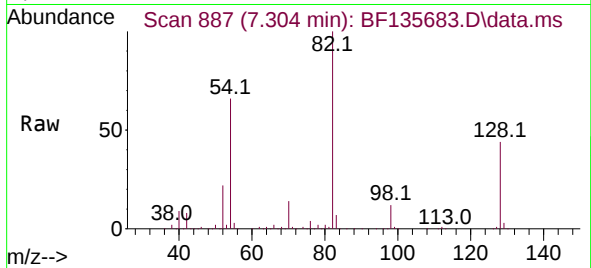




#25
Isophorone
Concen: 52.759 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

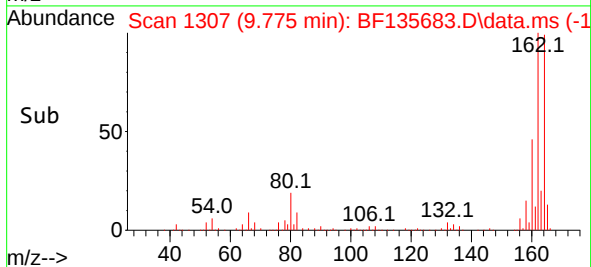
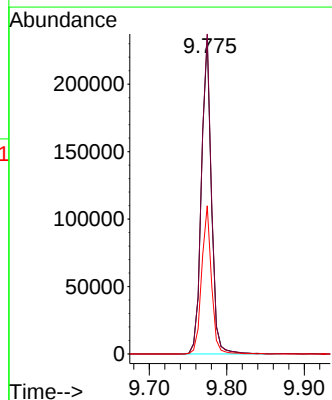
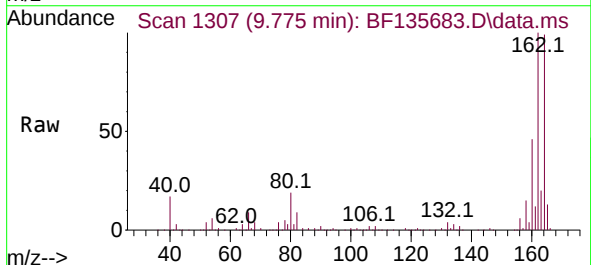
Instrument :
BNA_F
ClientSampleId :
PB156207BL

Tgt Ion: 82 Resp: 721443
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

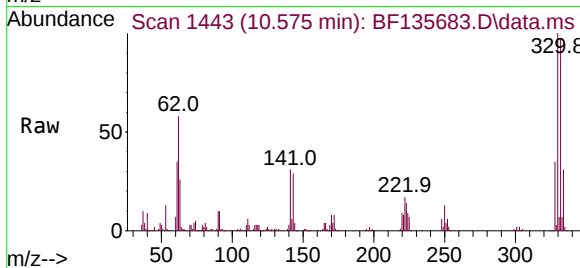
Tgt Ion:164 Resp: 208813
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 47.0 37.0 55.4



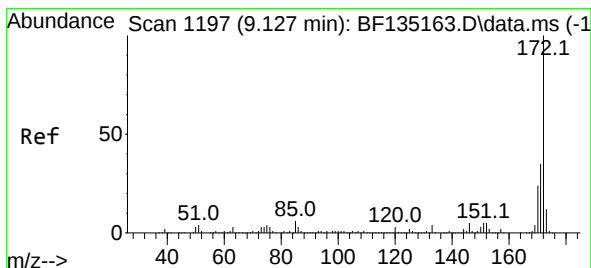
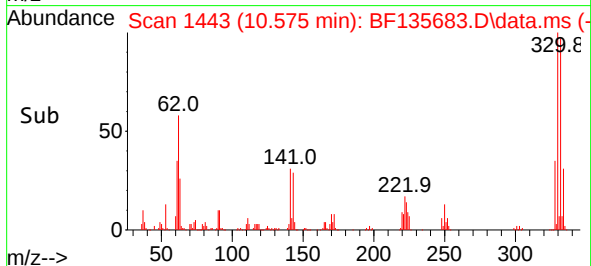
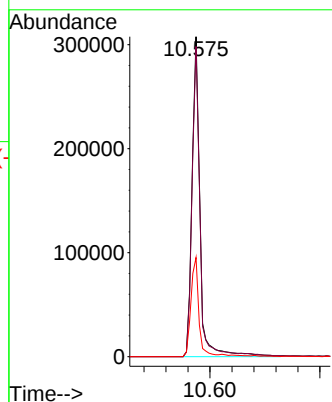


#42
2,4,6-Tribromophenol
Concen: 148.699 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Instrument :
BNA_F
ClientSampleId :
PB156207BL

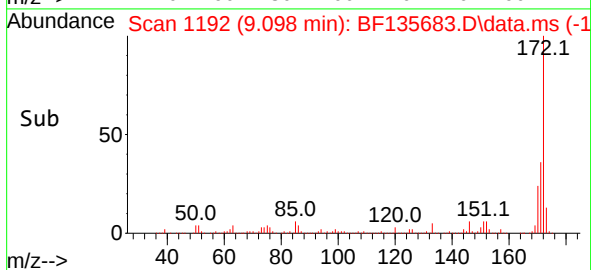
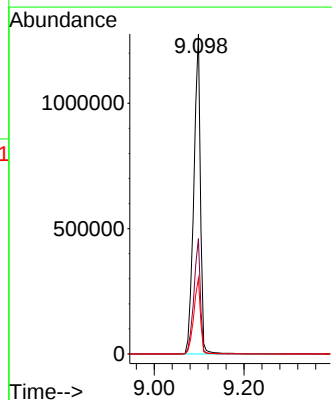
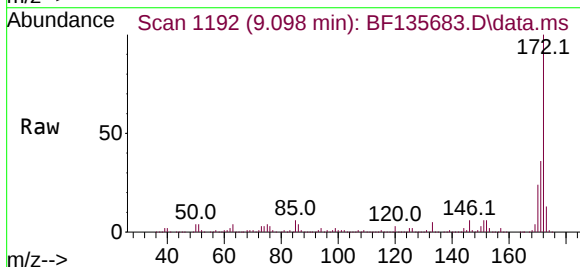


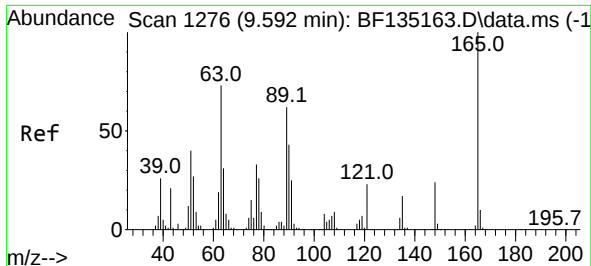
Tgt Ion:330 Resp: 308565
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 94.598 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Tgt Ion:172 Resp: 1309277
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.6 19.0 28.4

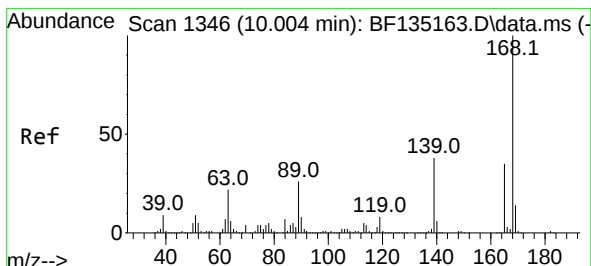
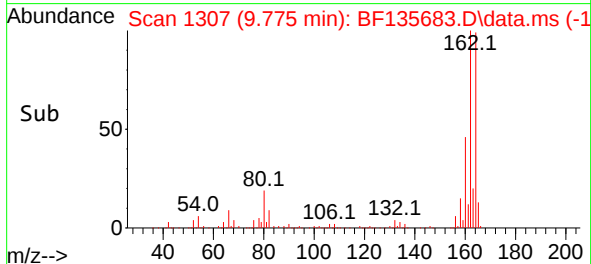
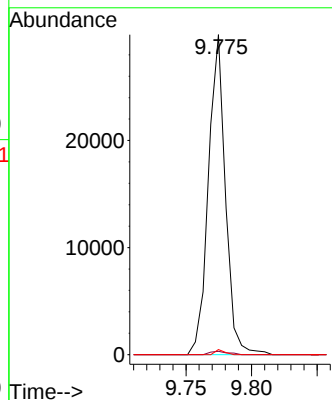
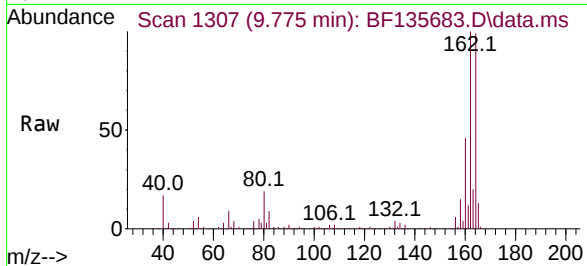




#51
2,6-Dinitrotoluene
Concen: 8.734 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

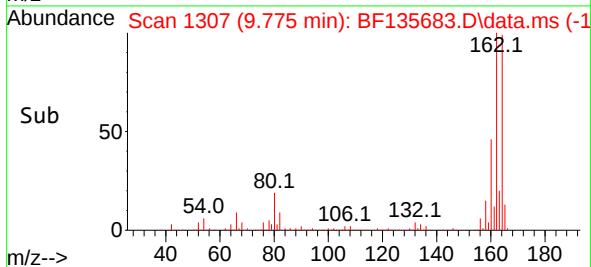
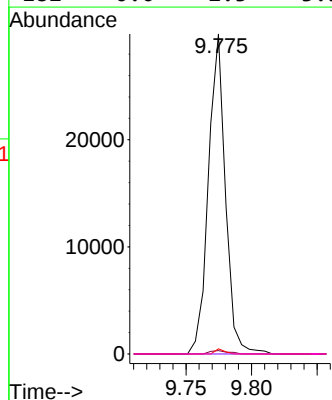
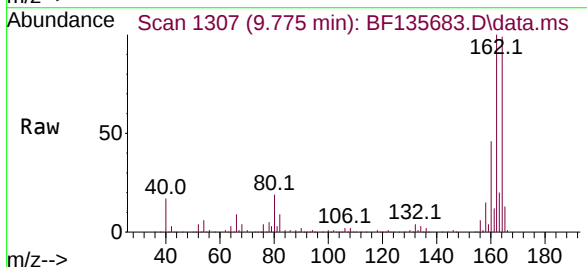
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BNA_F
ClientSampleId :
PB156207BL

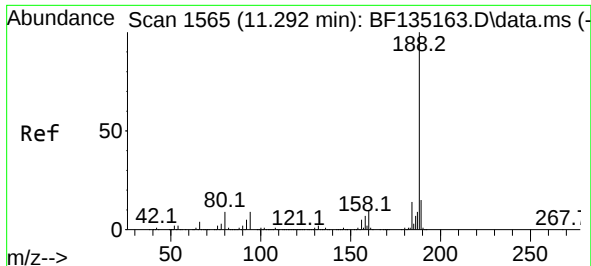
Tgt Ion:165 Resp: 27011
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.6 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.976 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.217 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Tgt Ion:165 Resp: 27011
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#

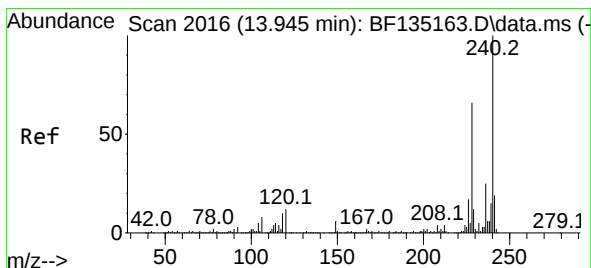
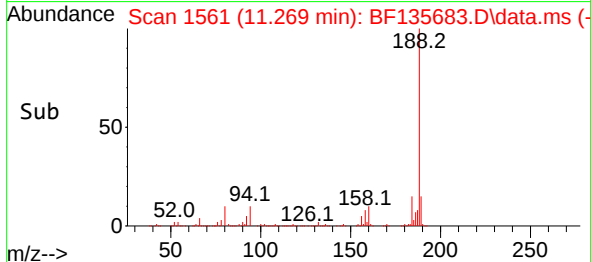
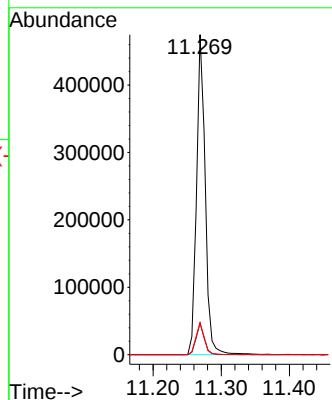
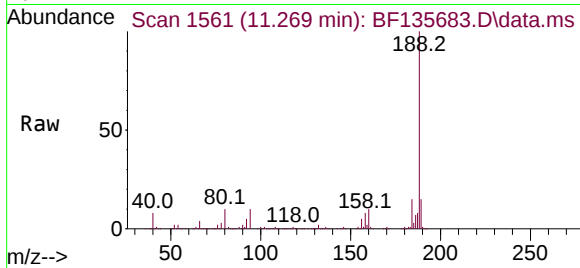




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

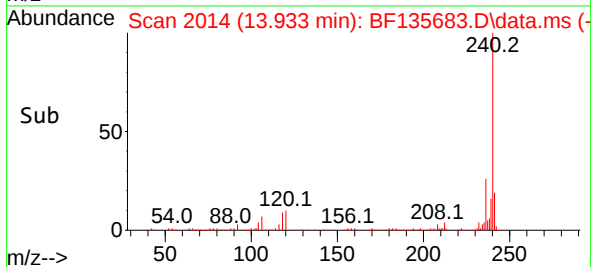
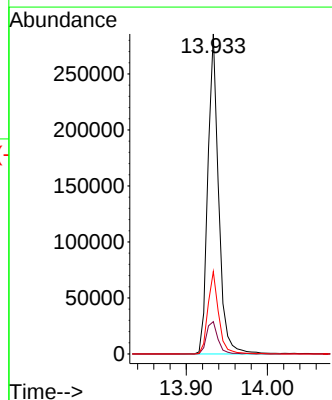
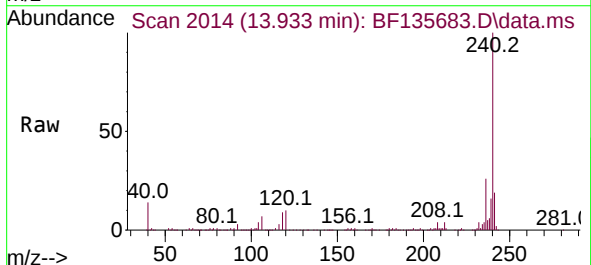
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BNA_F
ClientSampleId :
PB156207BL

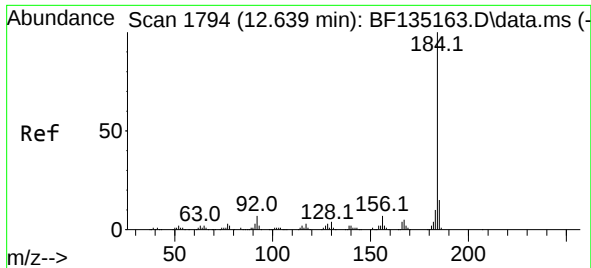
Tgt Ion:188 Resp: 419542
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Tgt Ion:240 Resp: 263305
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 25.8 19.8 29.8

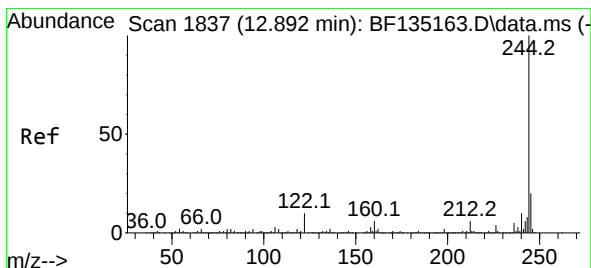
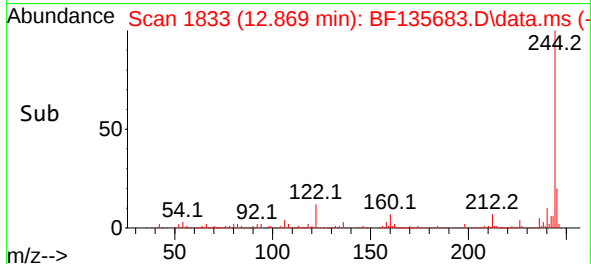
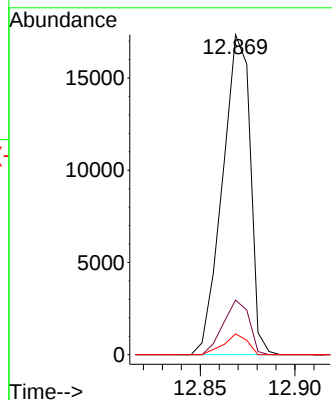
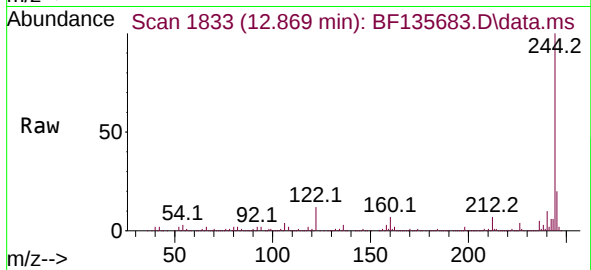




#77
Benzidine
Concen: 3.282 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

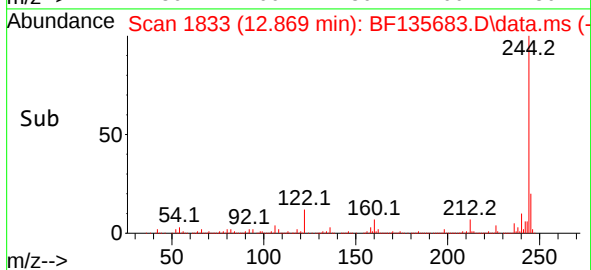
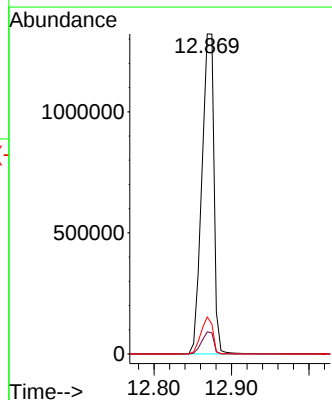
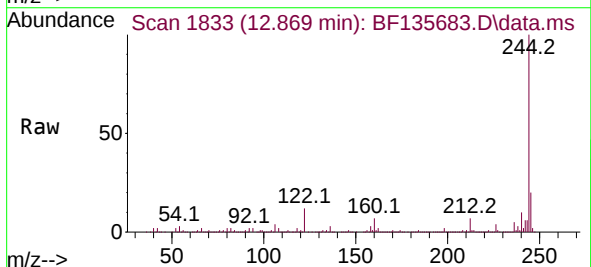
Instrument :
BNA_F
ClientSampleId :
PB156207BL

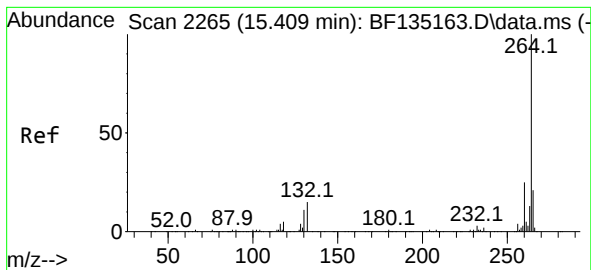
Tgt Ion:184 Resp: 17703
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 6.5 8.2 12.4#



#79
Terphenyl-d14
Concen: 84.514 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

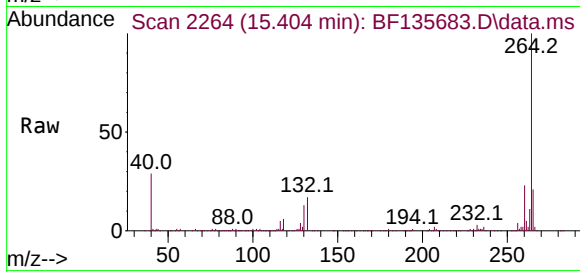
Tgt Ion:244 Resp: 1435499
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 11.5 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135683.D
Acq: 10 Oct 2023 14:21

Instrument :
BNA_F
ClientSampleId :
PB156207BL



Tgt Ion:264 Resp: 219813

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.8	29.6
265	20.8	17.0	25.4

