

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135599.D
 Acq On : 05 Oct 2023 14:53
 Operator : CG\JU
 Sample : PB156098BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156098BL

Quant Time: Oct 06 03:32:59 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 04 17:06:20 2023
 Response via : Initial Calibration

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

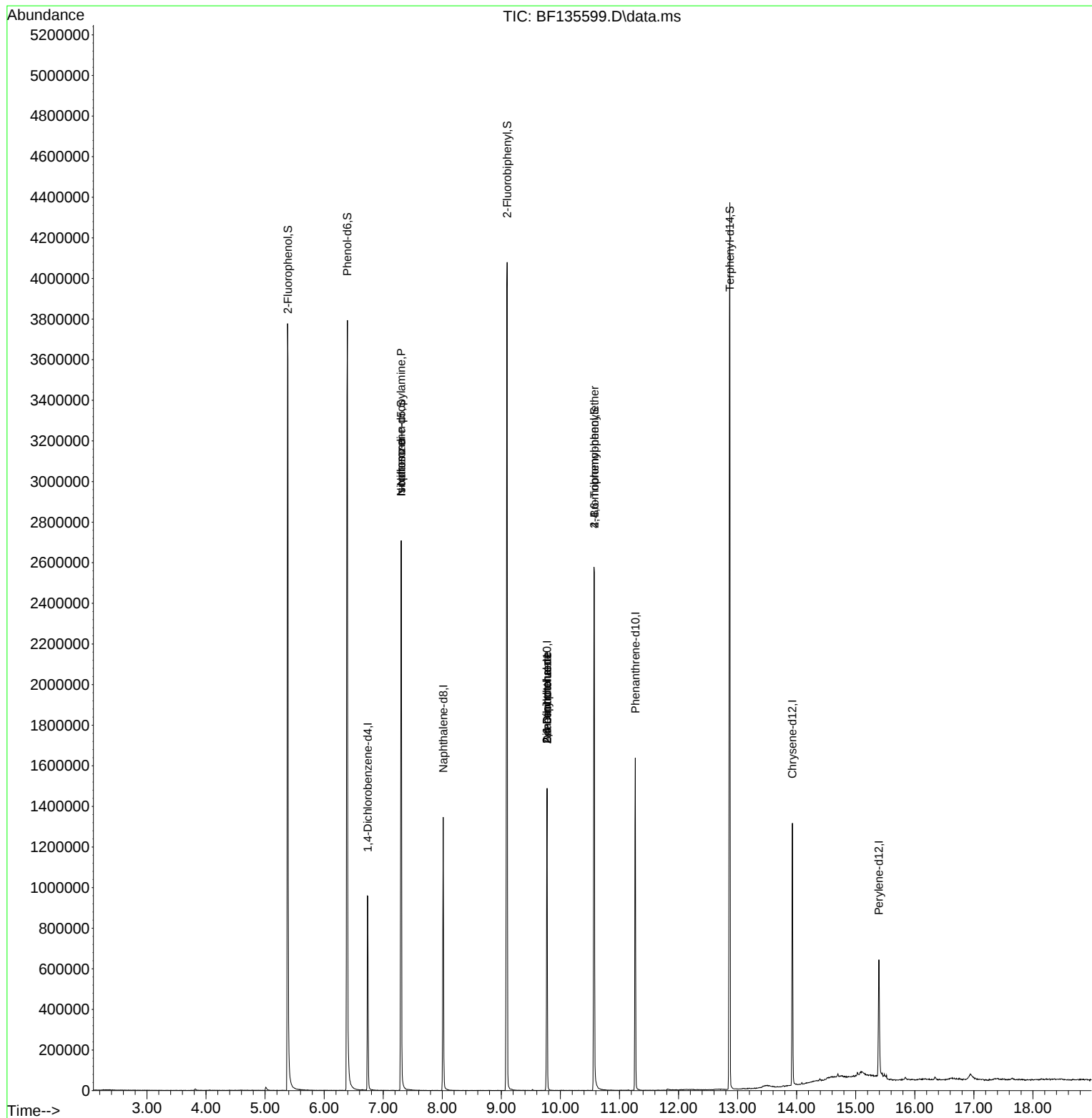
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	154265	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	614047	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	306396	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	606136	20.000	ng	0.00
76) Chrysene-d12	13.927	240	421742	20.000	ng	0.00
86) Perylene-d12	15.392	264	283667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1147894	121.025	ng	0.02
7) Phenol-d6	6.393	99	1453184	120.492	ng	0.00
23) Nitrobenzene-d5	7.304	82	944486	83.566	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	358300	117.675	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1584586	78.026	ng	0.00
79) Terphenyl-d14	12.869	244	1728493	63.534	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	124418	16.655	ng	# 79
25) Isophorone	7.304	82	944569	45.513	ng	# 65
50) Dimethylphthalate	9.775	163	63072	3.045	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	38852	8.561	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	38852	6.839	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	21741	3.606	ng	# 1

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

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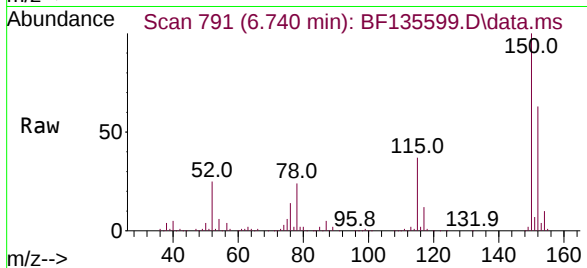
Quant Time: Oct 06 03:32:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
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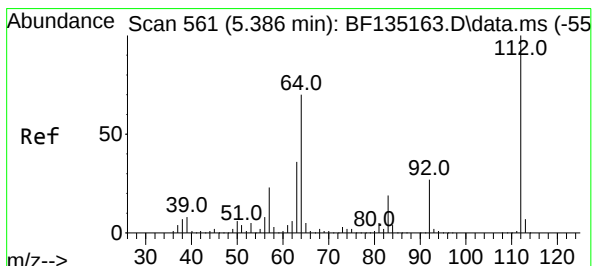
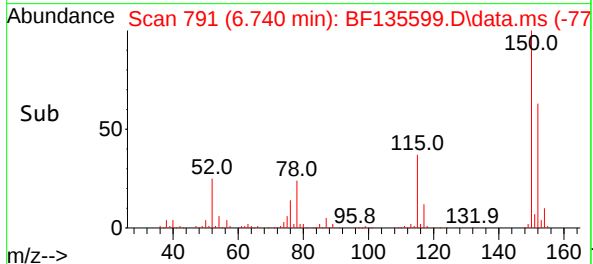
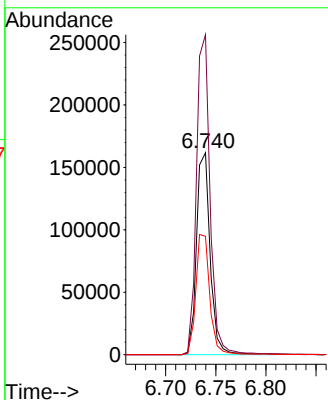


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Instrument :
BNA_F
ClientSampleId :
PB156098BL

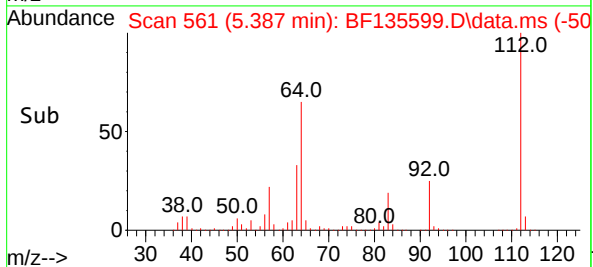
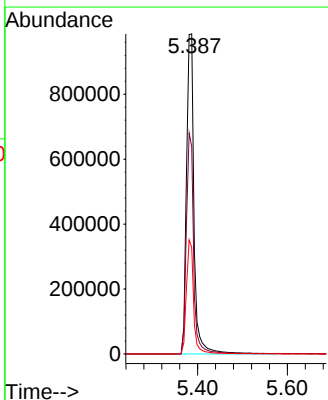
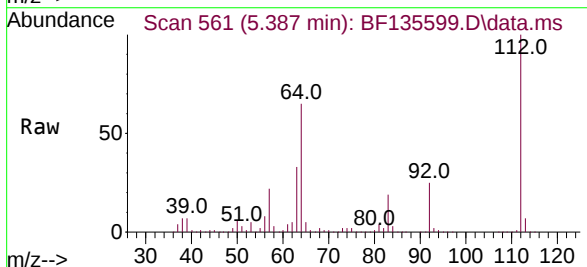


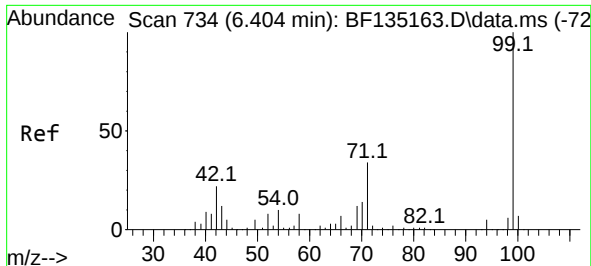
Tgt Ion:152 Resp: 154265
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 121.025 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion:112 Resp: 1147894
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.3 29.0 43.6

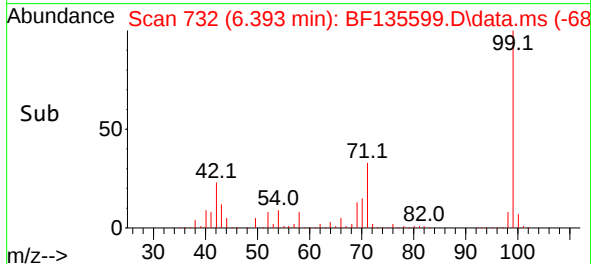
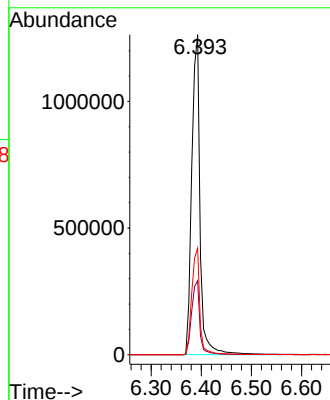
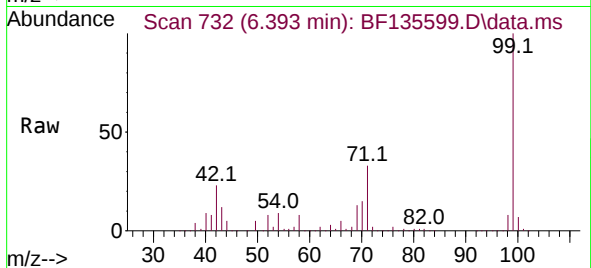




#7
Phenol-d6
Concen: 120.492 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

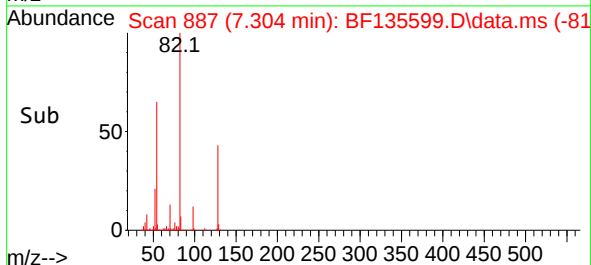
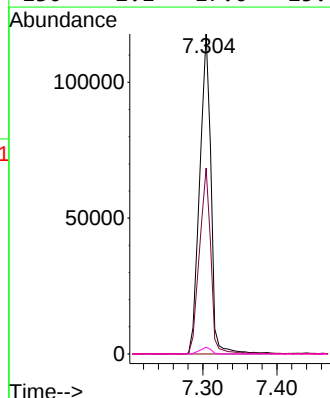
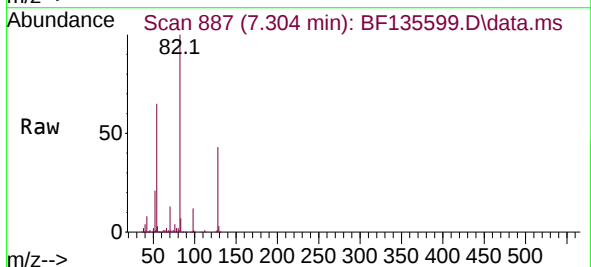
Instrument :
BNA_F
ClientSampleId :
PB156098BL

Tgt Ion: 99 Resp: 1453184
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.655 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion: 70 Resp: 124418
Ion Ratio Lower Upper
70 100
42 58.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

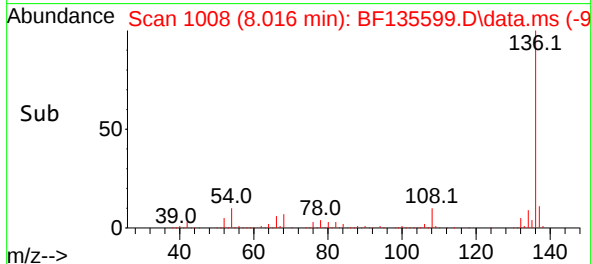
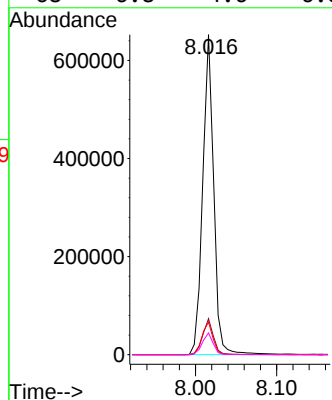
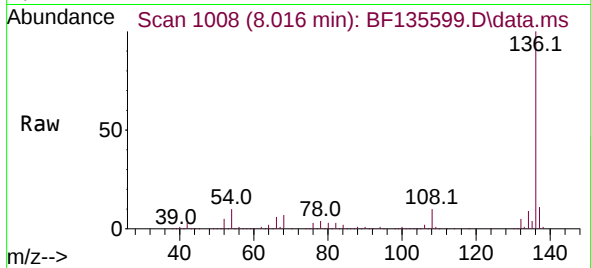




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

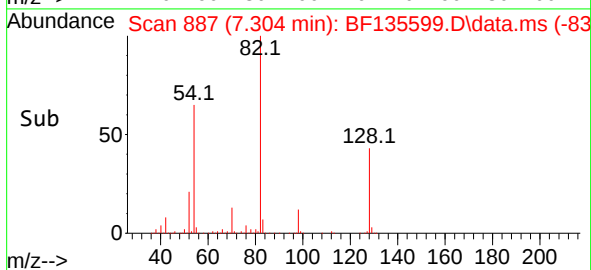
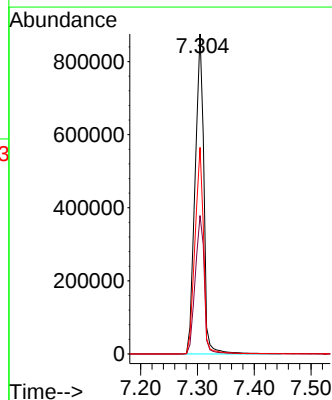
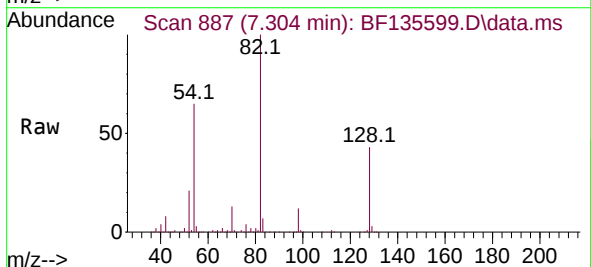
Instrument :
BNA_F
ClientSampleId :
PB156098BL

Tgt Ion:136 Resp: 614047
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.566 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion: 82 Resp: 944486
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.6
54 64.5 50.6 76.0

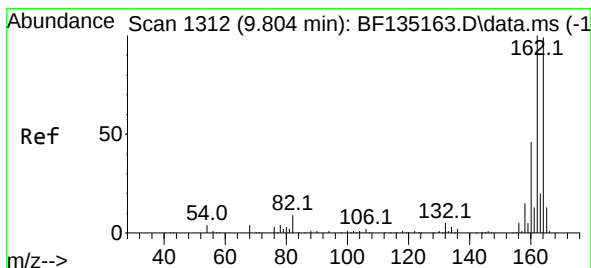
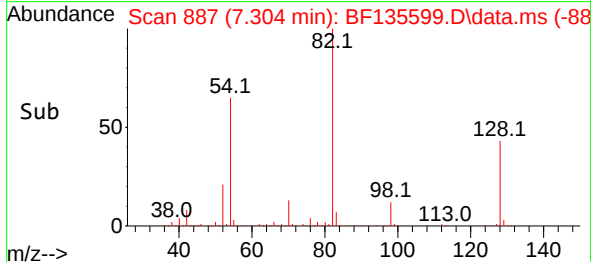
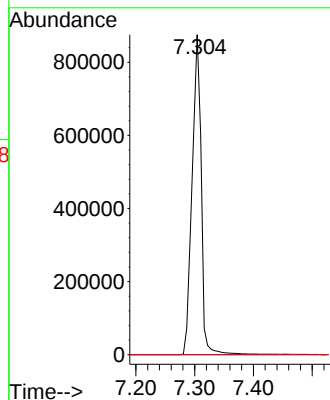
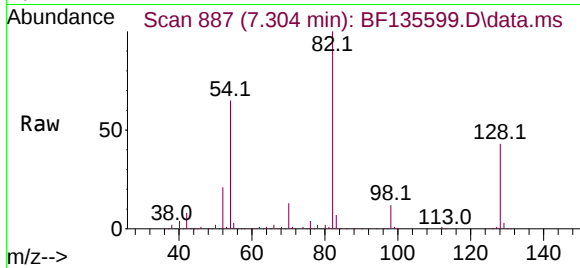




#25
Isophorone
Concen: 45.513 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

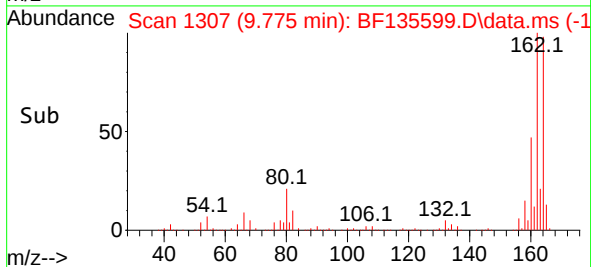
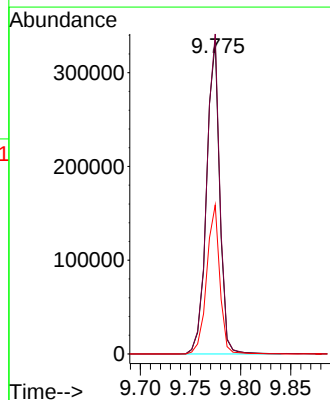
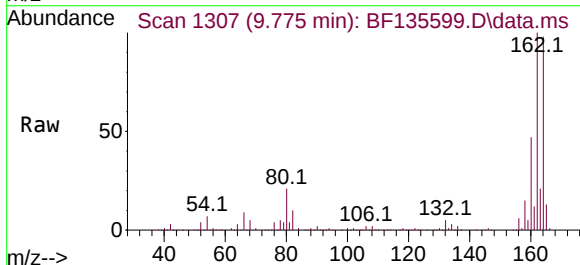
Instrument :
BNA_F
ClientSampleId :
PB156098BL

Tgt Ion: 82 Resp: 944569
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. 0.000 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion: 164 Resp: 306396
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 47.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 117.675 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

Instrument :

BNA_F

ClientSampleId :

PB156098BL

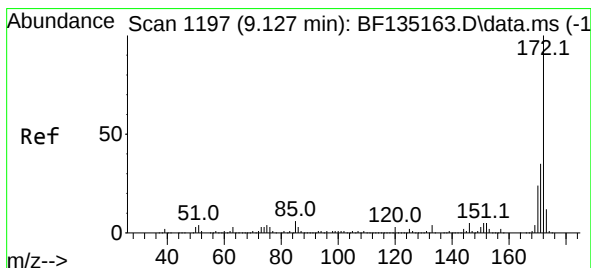
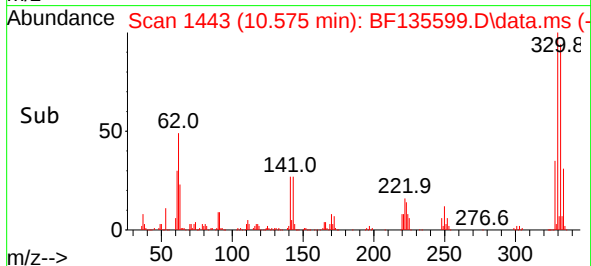
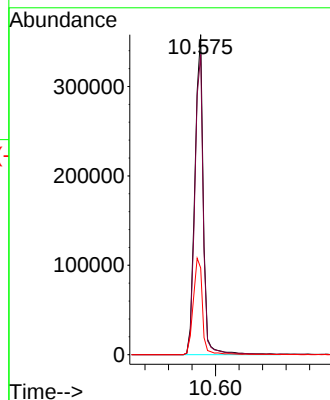
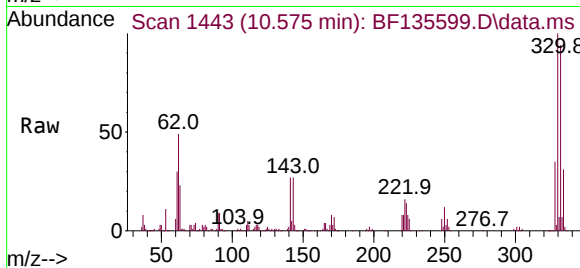
Tgt Ion:330 Resp: 358300

Ion Ratio Lower Upper

330 100

332 94.5 77.3 115.9

141 32.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 78.026 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

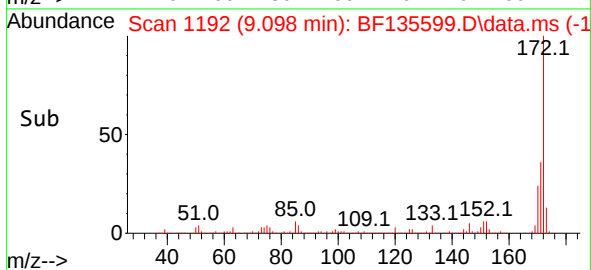
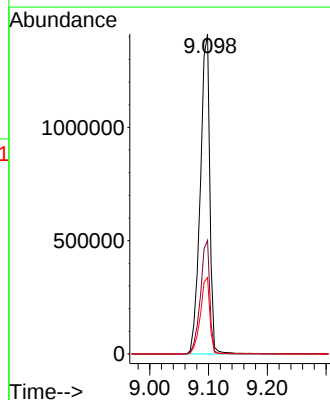
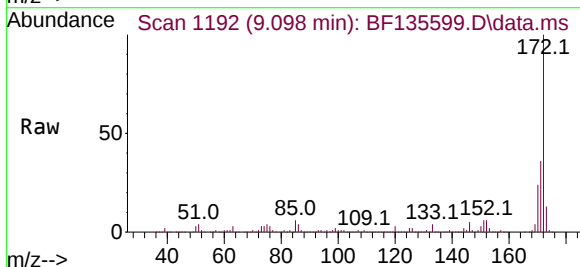
Tgt Ion:172 Resp: 1584586

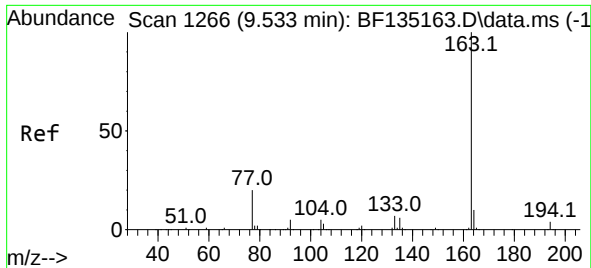
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.0 28.4

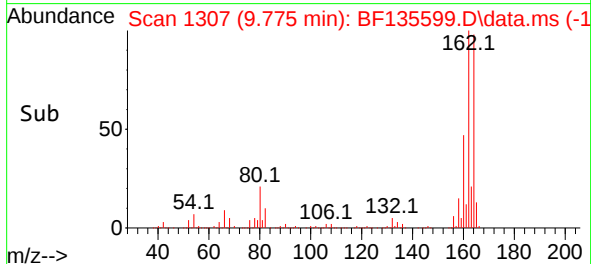
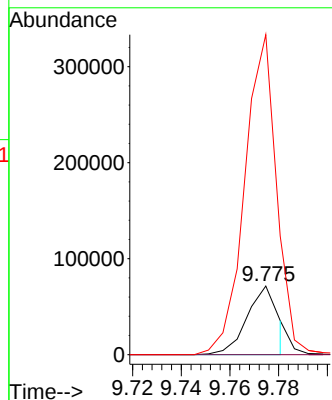
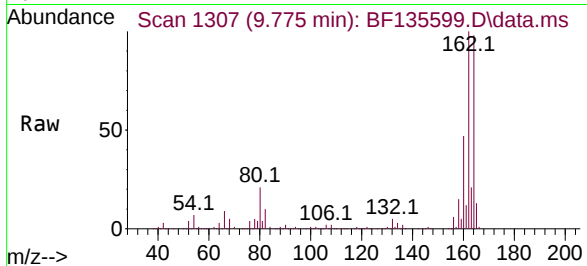




#50
Dimethylphthalate
Concen: 3.045 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

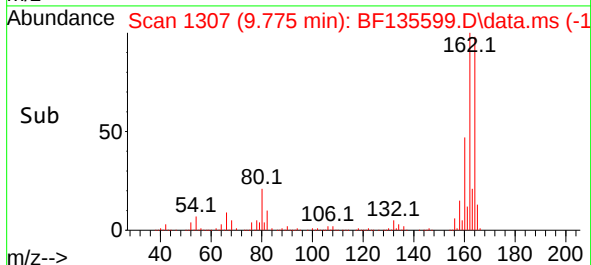
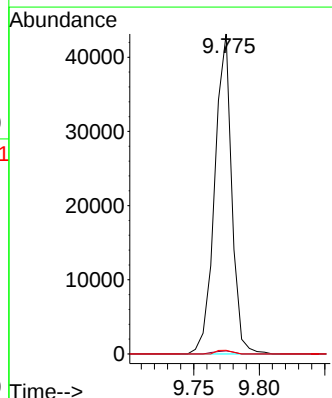
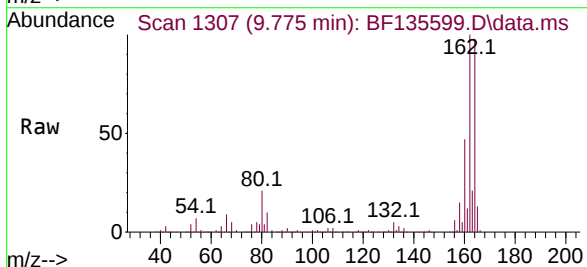
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ClientSampleId :
PB156098BL

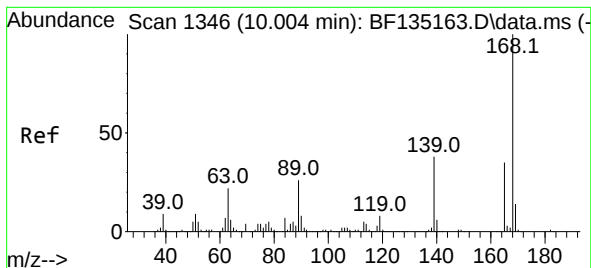
Tgt Ion:163 Resp: 63072
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 466.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.561 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

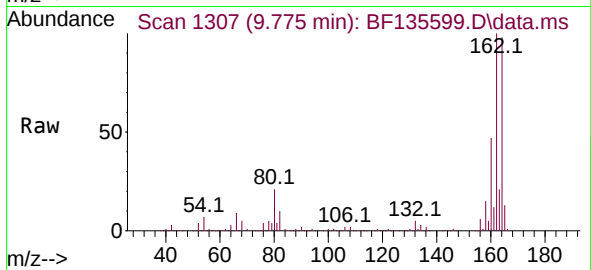
Tgt Ion:165 Resp: 38852
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.2 49.8 74.8#



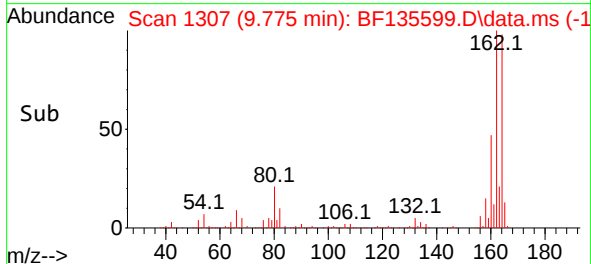
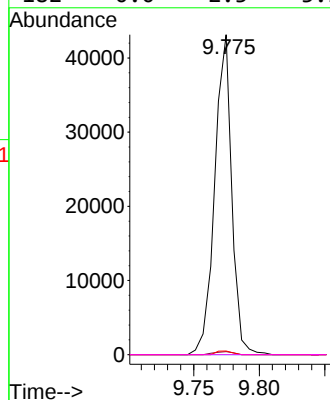


#57
2,4-Dinitrotoluene
Concen: 6.839 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Instrument :
BNA_F
ClientSampleId :
PB156098BL

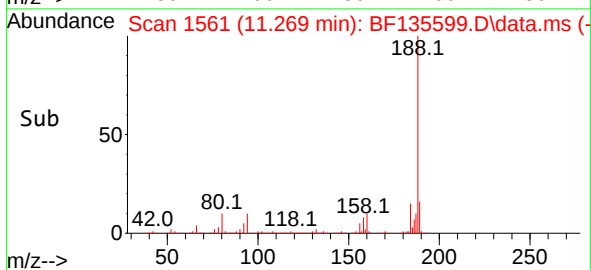
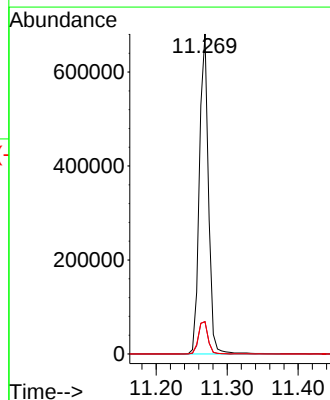
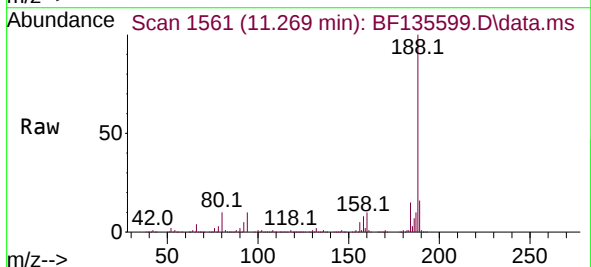


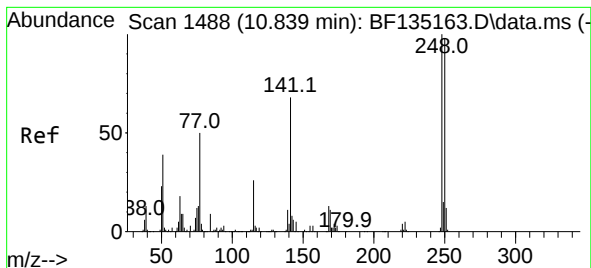
Tgt Ion:165 Resp: 38852
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion:188 Resp: 606136
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.1 7.5 11.3

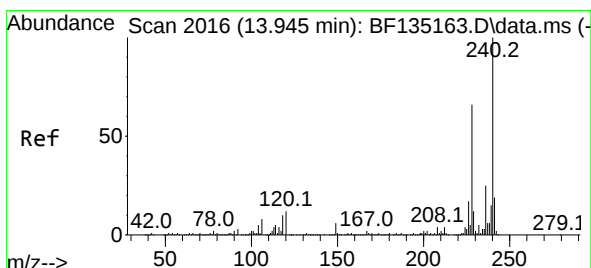
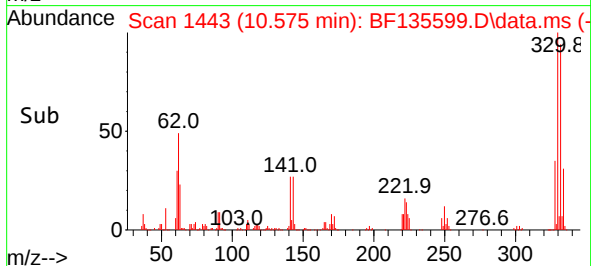
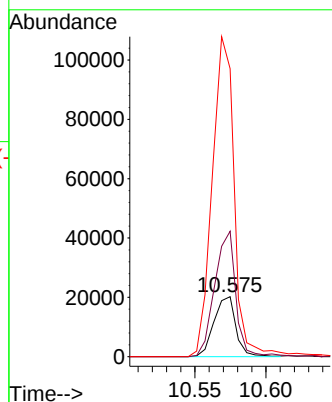
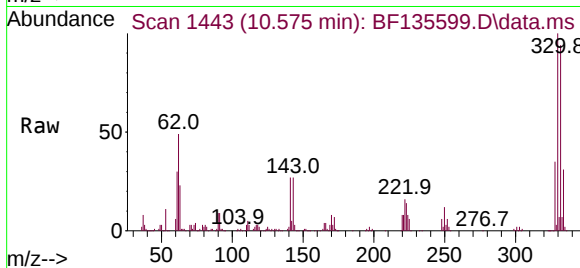




#67
4-Bromophenyl-phenylether
Concen: 3.606 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

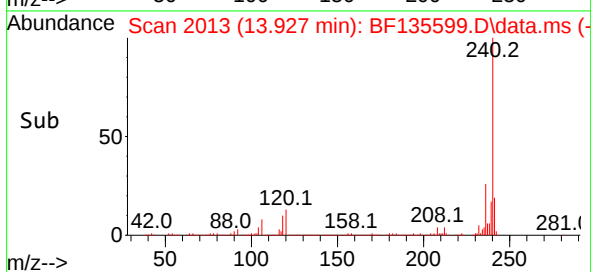
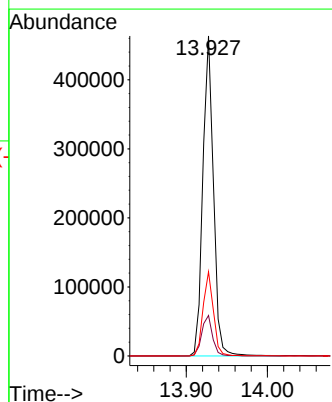
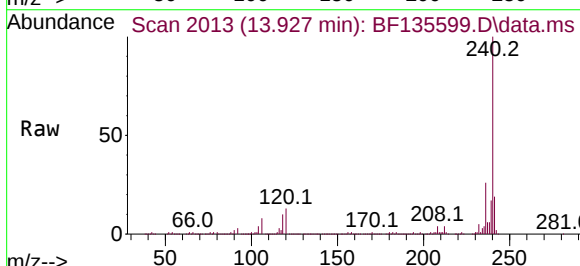
Instrument :
BNA_F
ClientSampleId :
PB156098BL

Tgt Ion:248 Resp: 21741
Ion Ratio Lower Upper
248 100
250 209.1 78.6 117.8#
141 480.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

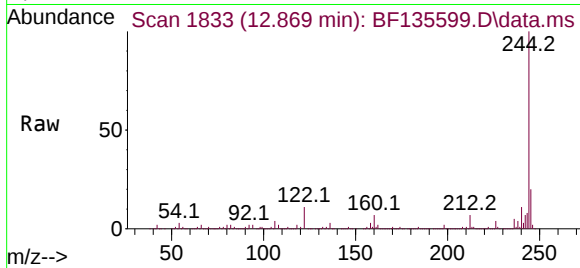
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Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 26.3 19.8 29.8



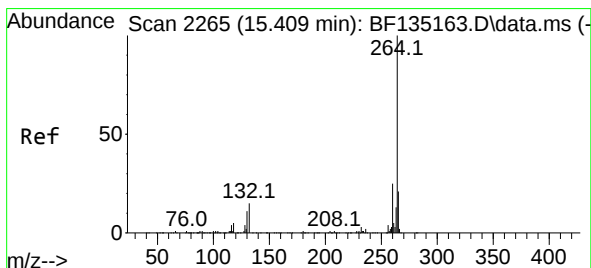
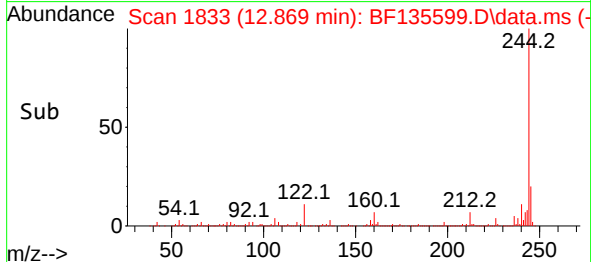
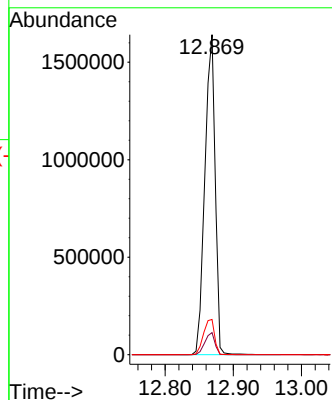


#79
 Terphenyl-d14
 Concen: 63.534 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135599.D
 Acq: 05 Oct 2023 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB156098BL



Tgt Ion:244 Resp: 1728493
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135599.D
 Acq: 05 Oct 2023 14:53

Tgt Ion:264 Resp: 283667
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 20.8 17.0 25.4

