

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135641.D
 Acq On : 06 Oct 2023 21:37
 Operator : CG\JU
 Sample : 04763-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 01:53:23 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)

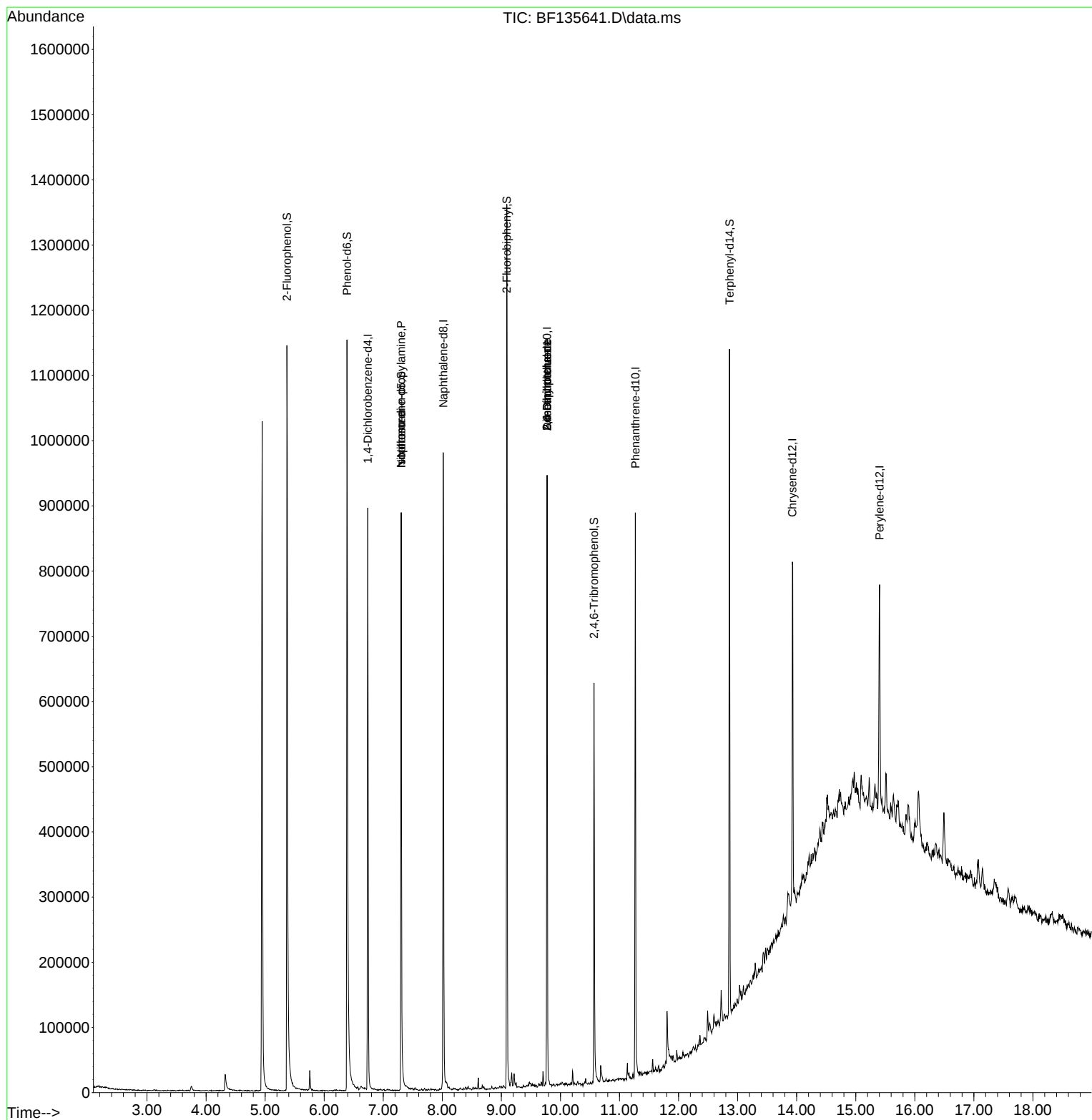
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	126497	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	424487	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	172196	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	299711	20.000	ng	0.00
76) Chrysene-d12	13.927	240	189330	20.000	ng	0.00
86) Perylene-d12	15.403	264	157403	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	362575	46.618	ng	0.00
7) Phenol-d6	6.386	99	435056	43.991	ng	0.00
23) Nitrobenzene-d5	7.304	82	257347	32.937	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	68667	40.128	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	398263	34.894	ng	0.00
79) Terphenyl-d14	12.863	244	339884	27.829	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	33643	5.492	ng	# 79
25) Isophorone	7.304	82	257345	17.937	ng	# 65
50) Dimethylphthalate	9.774	163	33795	2.903	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	22065	8.652	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	22065	6.911	ng	# 19

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

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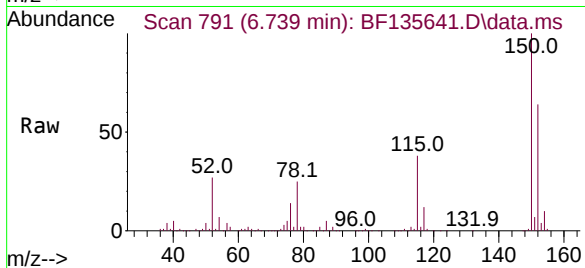
Quant Time: Oct 07 01:53:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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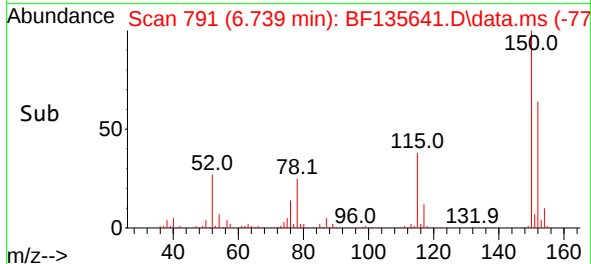
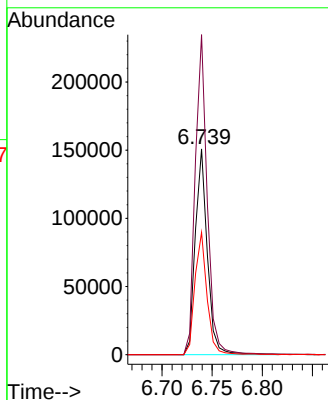


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

Instrument :
BNA_F
ClientSampleId :

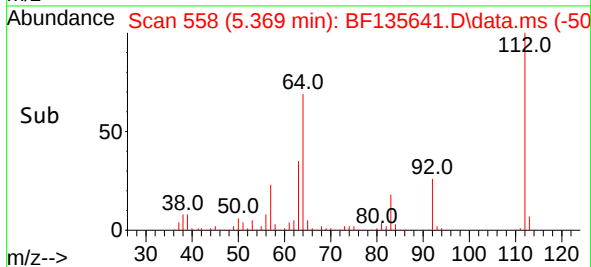
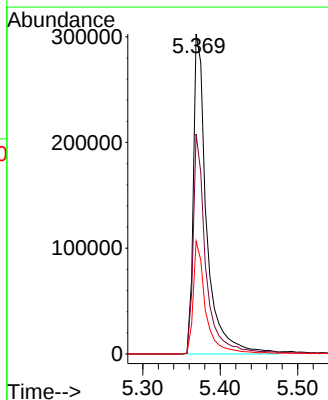
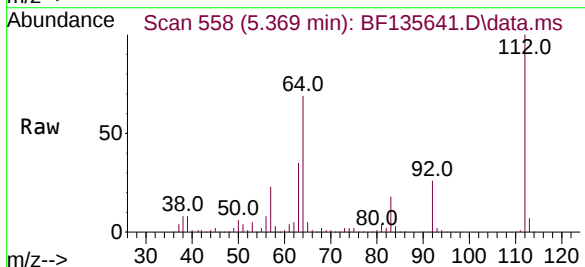


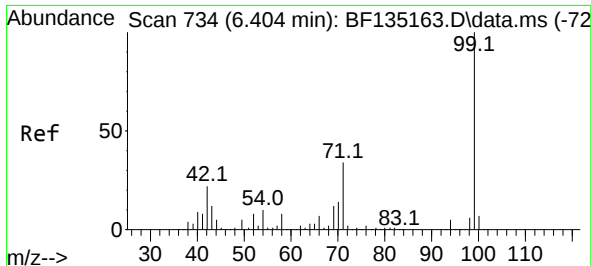
Tgt Ion:152 Resp: 126497
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 46.618 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.000 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

Tgt Ion:112 Resp: 362575
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 35.2 29.0 43.6





#7

Phenol-d6

Concen: 43.991 ng

RT: 6.386 min Scan# 71

Delta R.T. -0.000 min

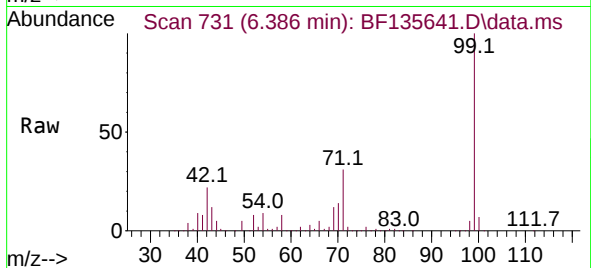
Lab File: BF135641.D

Acq: 06 Oct 2023 21:37

Instrument :

BNA_F

ClientSampleId :



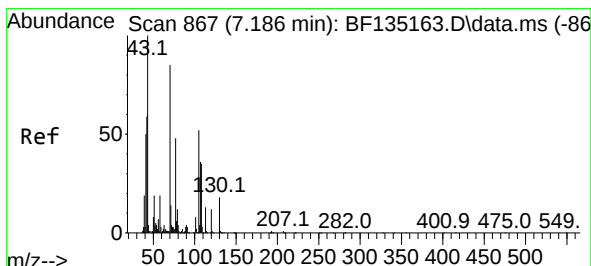
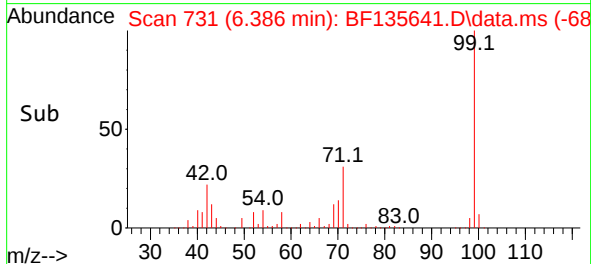
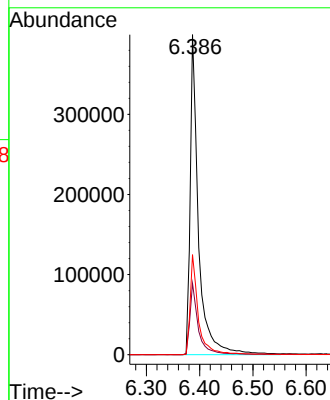
Tgt Ion: 99 Resp: 435056

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

71 31.2 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 5.492 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135641.D

Acq: 06 Oct 2023 21:37

Tgt Ion: 70 Resp: 33643

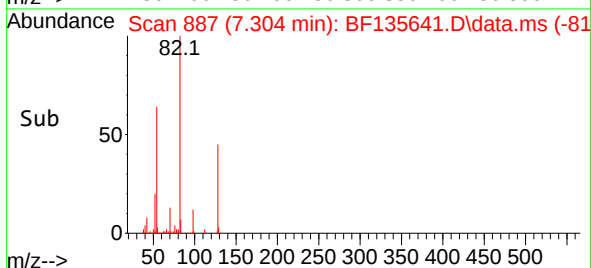
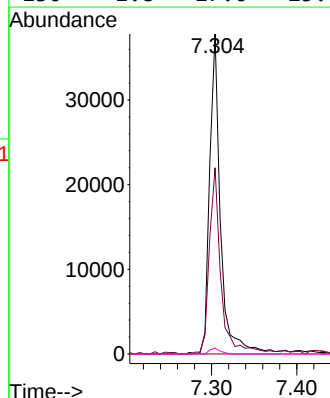
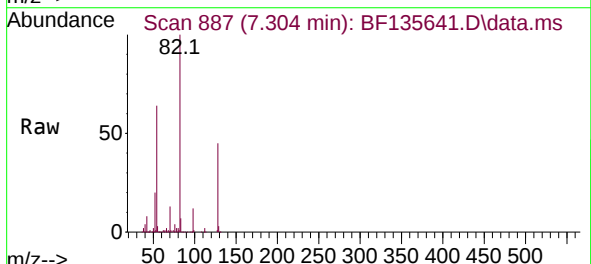
Ion Ratio Lower Upper

70 100

42 58.2 55.4 83.0

101 0.0 7.7 11.5#

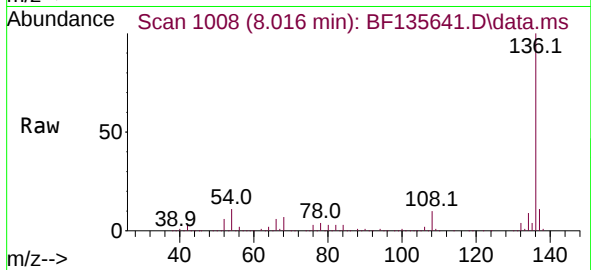
130 1.8 17.0 25.6#



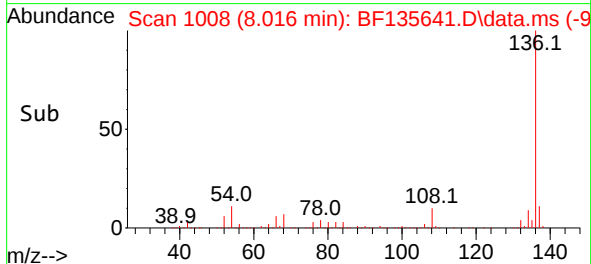
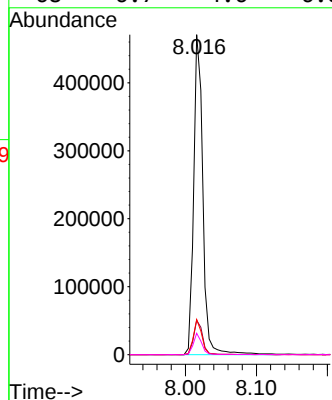


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

Instrument :
BNA_F
ClientSampleId :

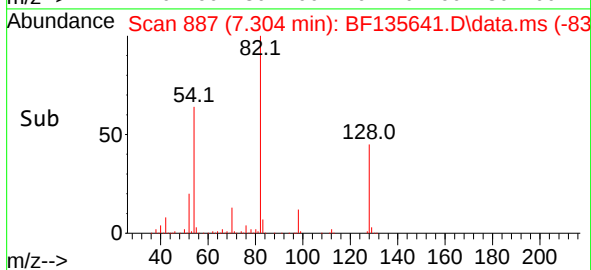
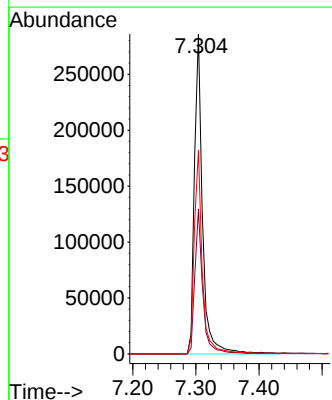
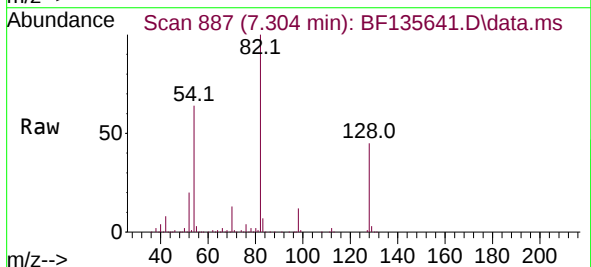


Tgt Ion:136 Resp: 424487
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.0 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 32.937 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

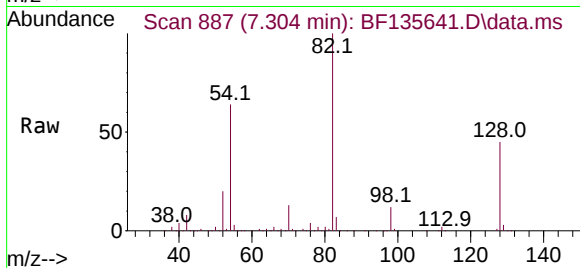
Tgt Ion: 82 Resp: 257347
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 63.7 50.6 76.0



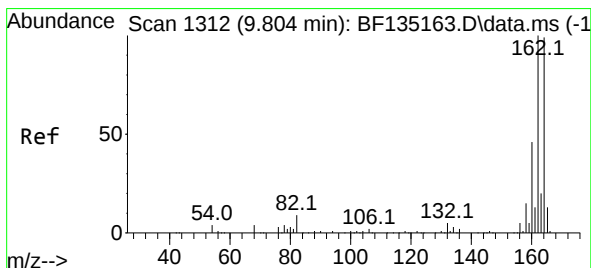
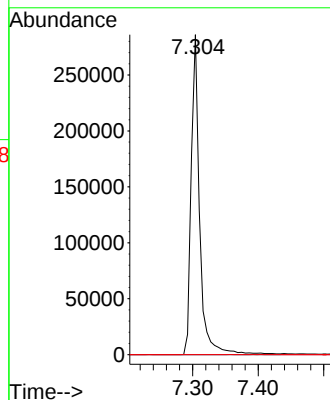
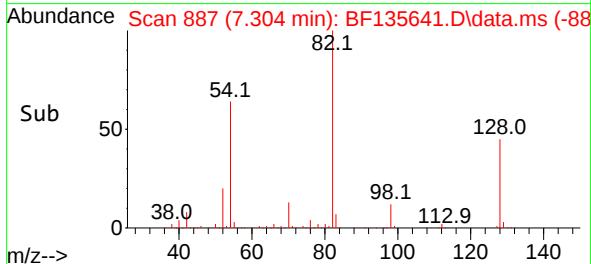


#25
Isophorone
Concen: 17.937 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

Instrument :
BNA_F
ClientSampleId :

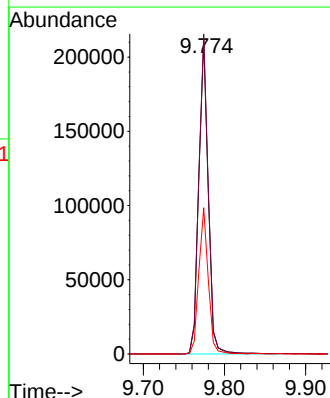
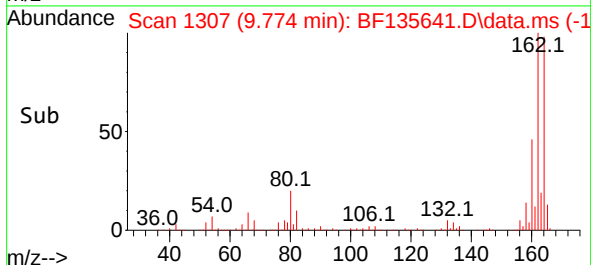
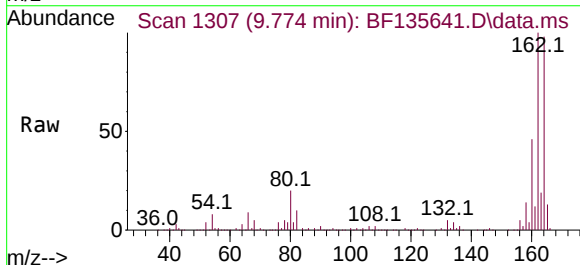


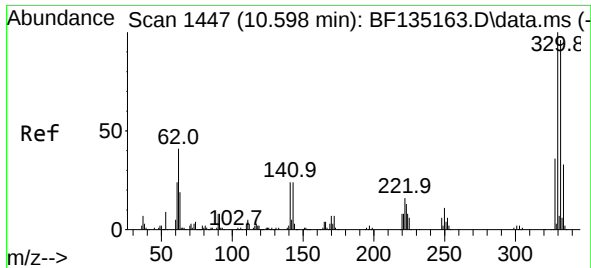
Tgt Ion: 82 Resp: 257345
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

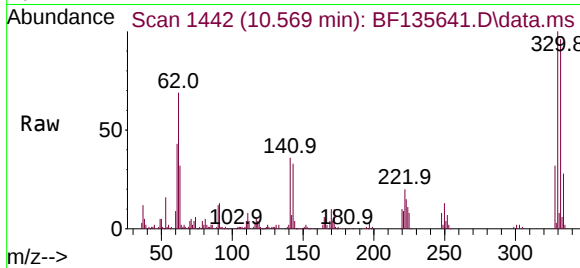
Tgt Ion:164 Resp: 172196
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 46.6 37.0 55.4



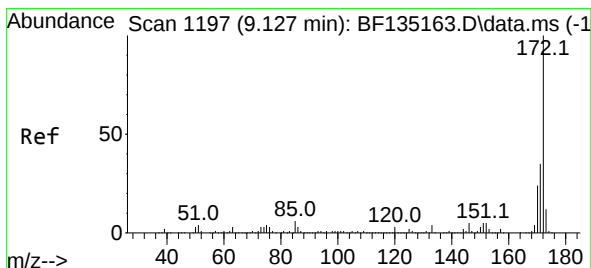
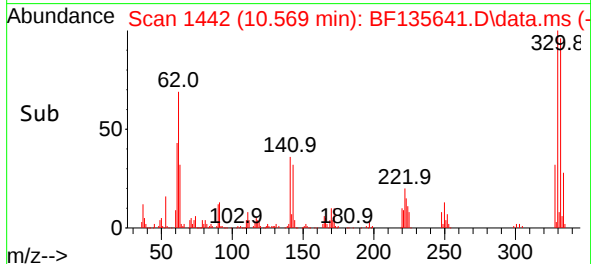
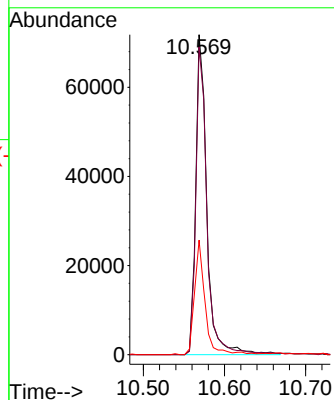


#42
2,4,6-Tribromophenol
Concen: 40.128 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

Instrument :
BNA_F
ClientSampleId :

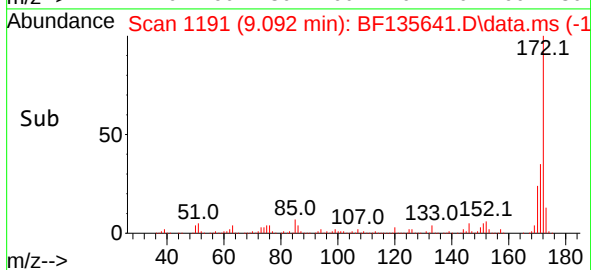
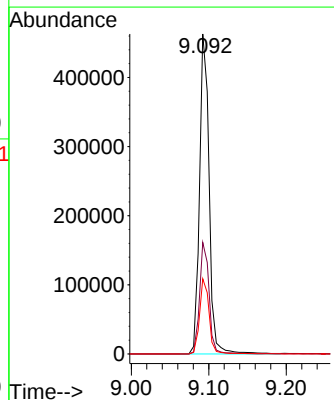
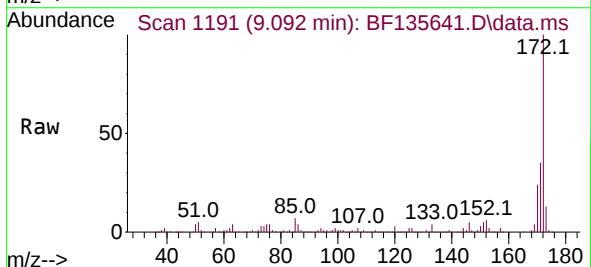


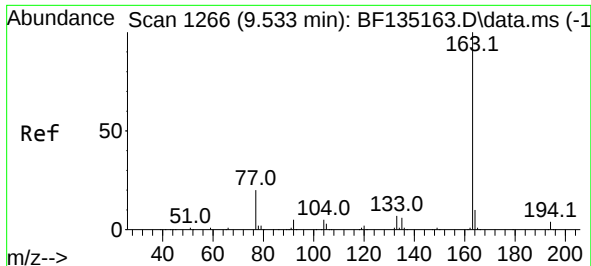
Tgt Ion:330 Resp: 68667
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 34.894 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

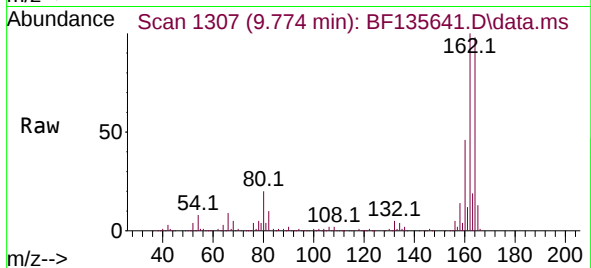
Tgt Ion:172 Resp: 398263
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.5 19.0 28.4



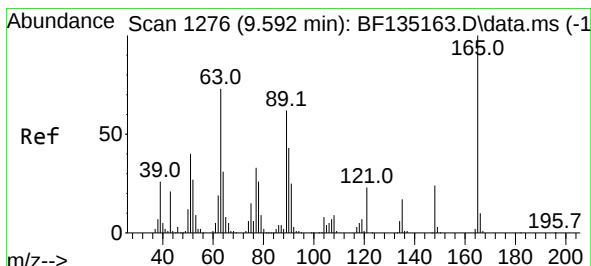
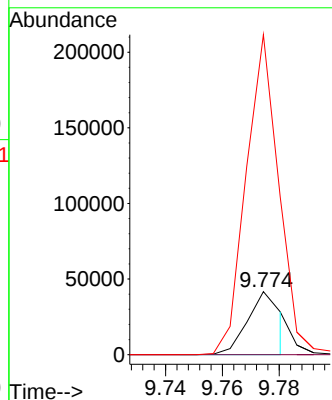
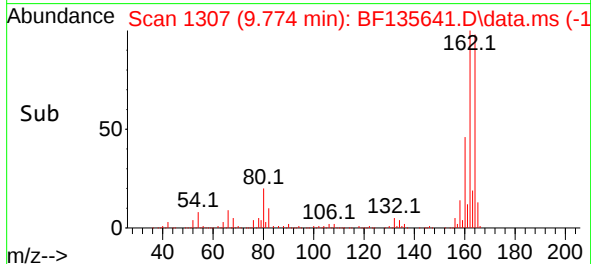


#50
Dimethylphthalate
Concen: 2.903 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

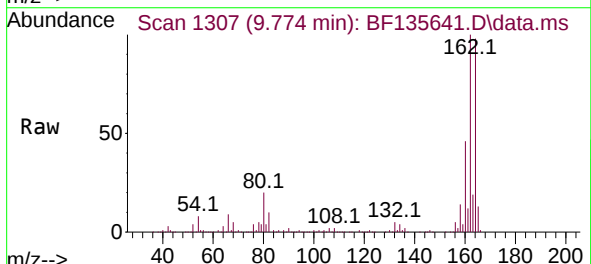
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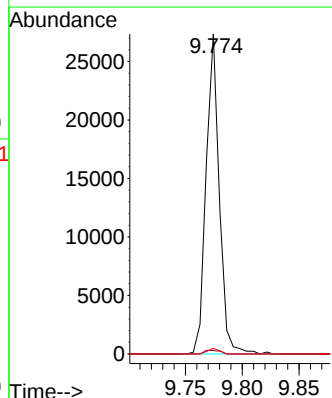
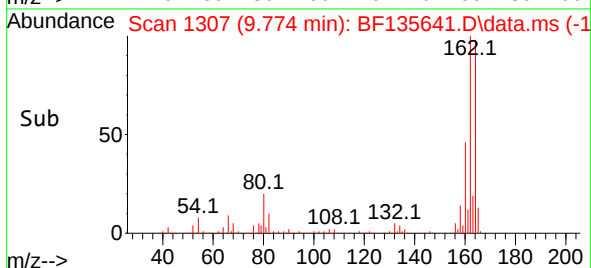
Tgt Ion:163 Resp: 33795
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37



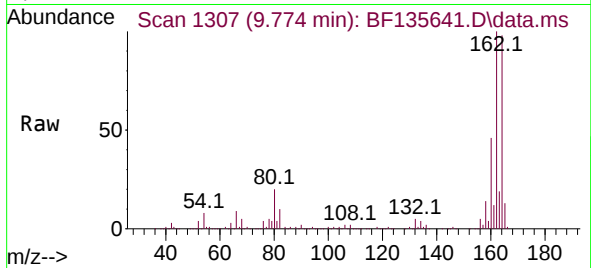
Tgt Ion:165 Resp: 22065
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.7 49.8 74.8#



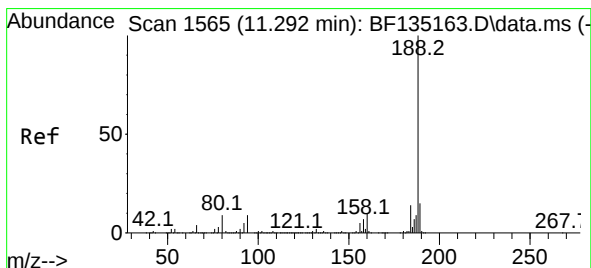
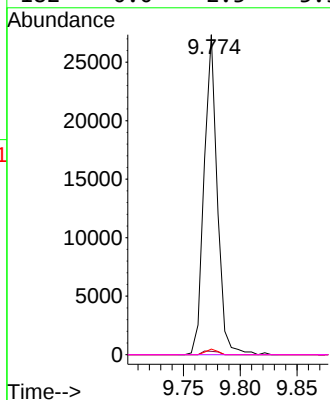
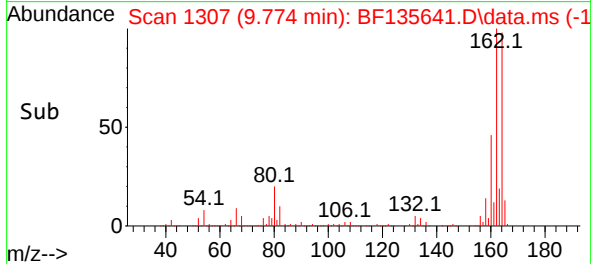


#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37

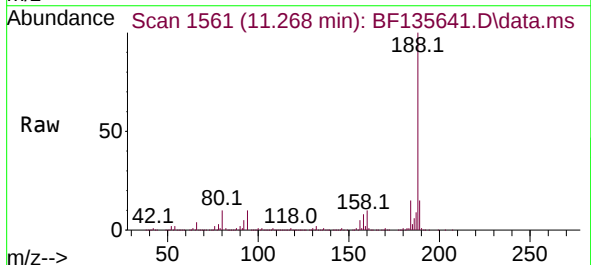
Instrument :
BNA_F
ClientSampleId :



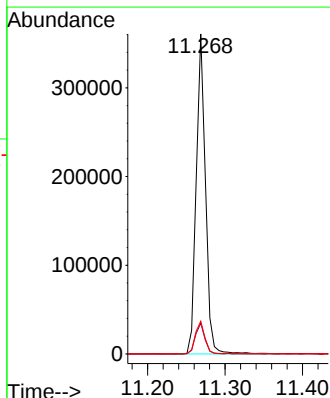
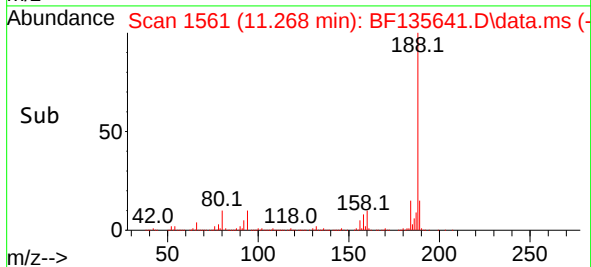
Tgt Ion:165 Resp: 22065
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.7 59.3 88.9#
182 0.0 2.3 3.5#

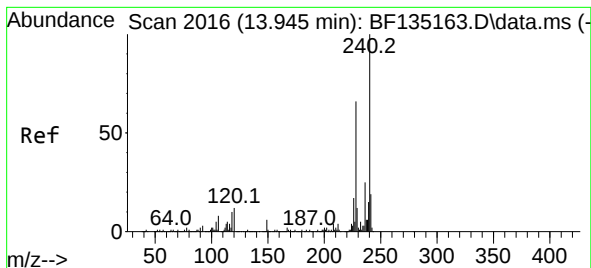


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF135641.D
Acq: 06 Oct 2023 21:37



Tgt Ion:188 Resp: 299711
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.2 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135641.D

Acq: 06 Oct 2023 21:37

Instrument :

BNA_F

ClientSampleId :

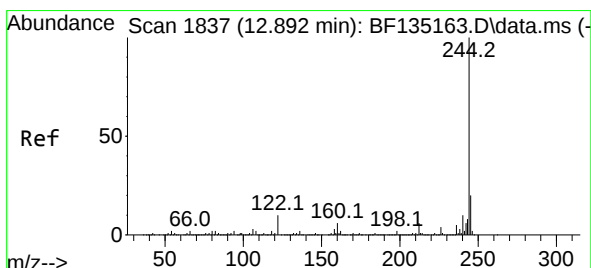
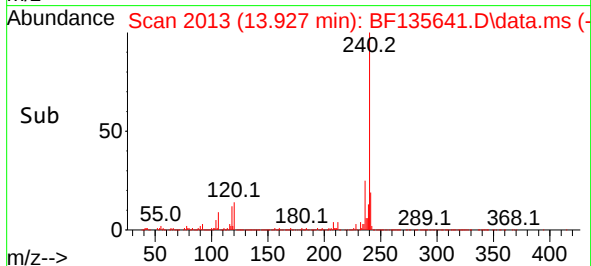
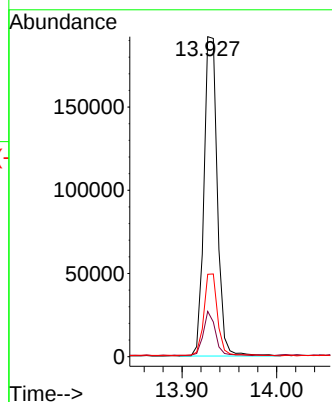
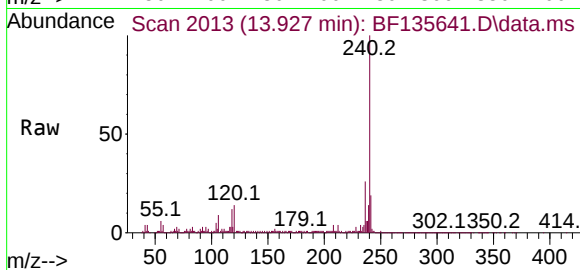
Tgt Ion:240 Resp: 189330

Ion Ratio Lower Upper

240 100

120 14.2 9.4 14.2

236 25.8 19.8 29.8



#79

Terphenyl-d14

Concen: 27.829 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BF135641.D

Acq: 06 Oct 2023 21:37

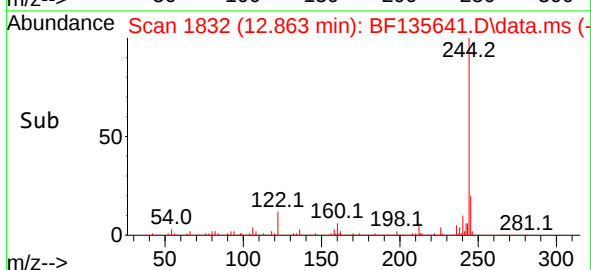
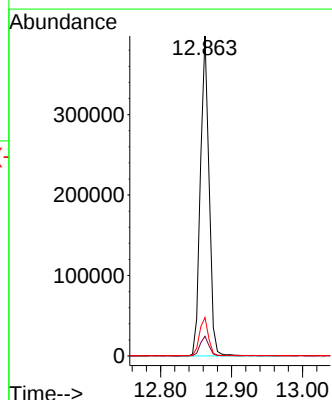
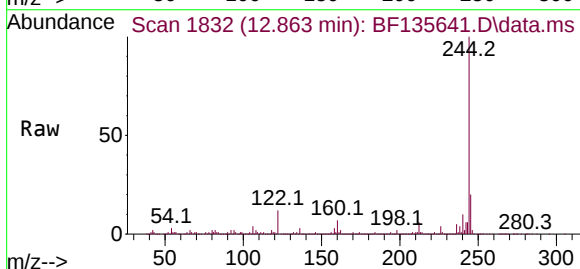
Tgt Ion:244 Resp: 339884

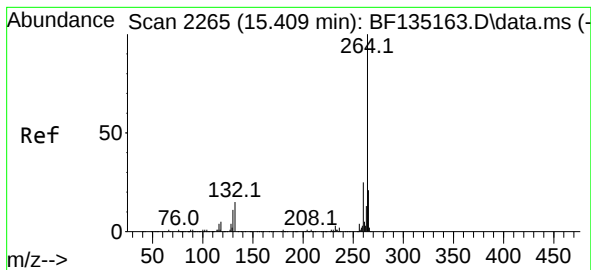
Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 12.0 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.403 min Scan# 21

Delta R.T. 0.018 min

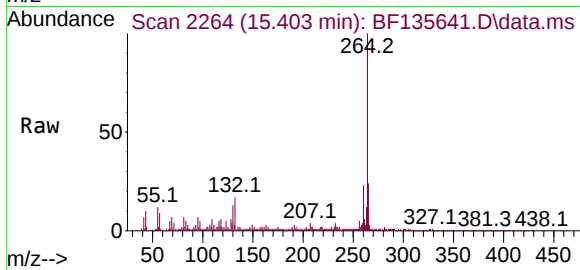
Lab File: BF135641.D

Acq: 06 Oct 2023 21:37

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 157403

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 24.5 17.0 25.4

