

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135530.D
 Acq On : 02 Oct 2023 16:38
 Operator : CG\JU
 Sample : 04668-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200007

Quant Time: Oct 03 02:56:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

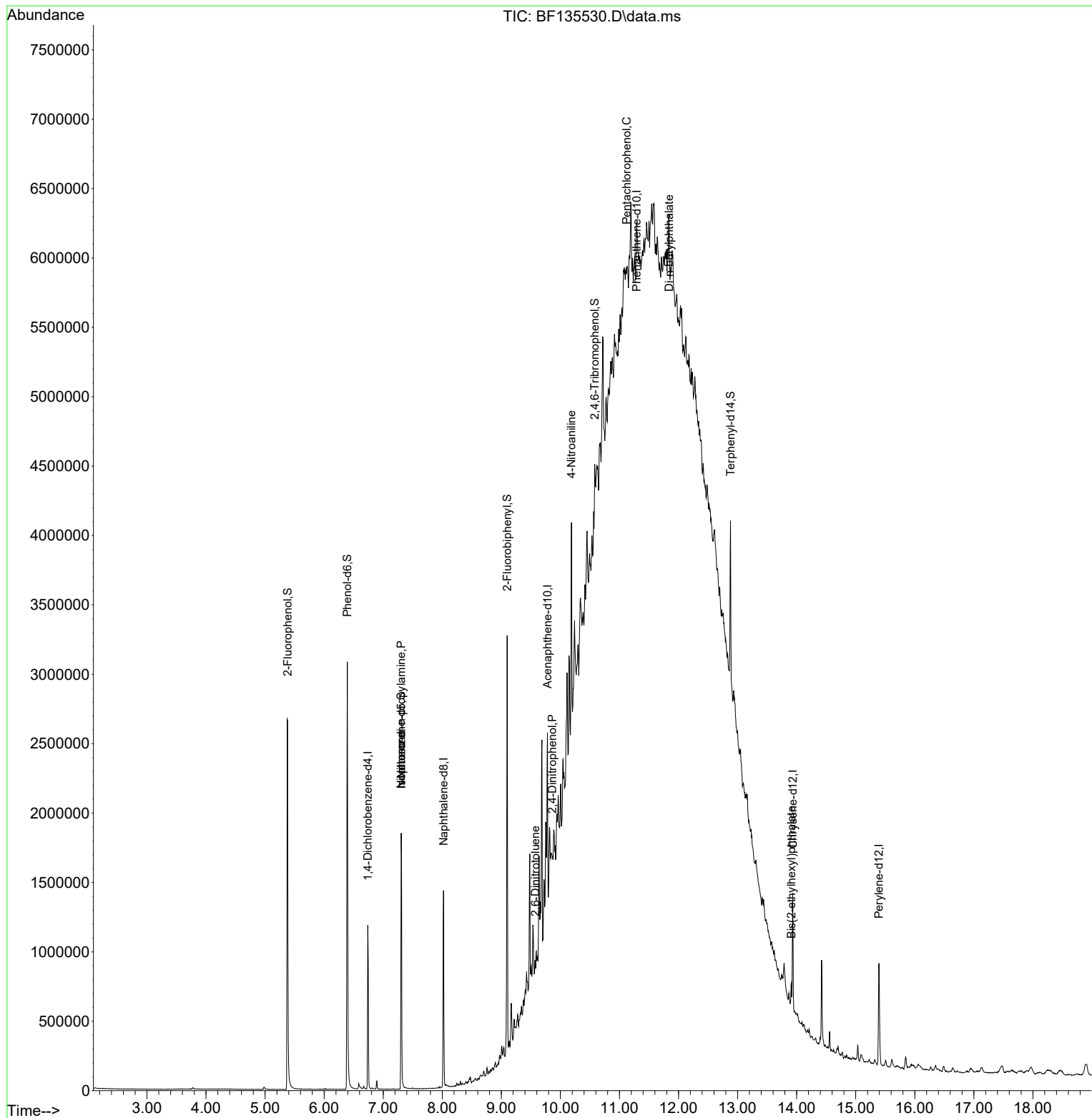
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	169870	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	622908	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	244608	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	209917	20.000	ng	# 0.02
76) Chrysene-d12	13.933	240	283561	20.000	ng	0.00
86) Perylene-d12	15.392	264	336500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	820873	78.596	ng	0.00
7) Phenol-d6	6.393	99	1019825	76.791	ng	-0.01
23) Nitrobenzene-d5	7.304	82	602625	52.560	ng	-0.02
42) 2,4,6-Tribromophenol	10.581	330	130542	53.703	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	919806	56.733	ng	-0.01
79) Terphenyl-d14	12.881	244	554601	30.319	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	78819	9.582	ng	# 85
25) Isophorone	7.304	82	601330	28.562	ng	# 65
51) 2,6-Dinitrotoluene	9.575	165	7591	2.095	ng	# 21
54) 2,4-Dinitrophenol	9.863	184	65	6.277	ng	# 1
62) 4-Nitroaniline	10.187	138	14348	3.510	ng	93
70) Pentachlorophenol	11.122	266	3736	2.936	ng	# 16
74) Di-n-butylphthalate	11.839	149	31335	2.862	ng	# 32
84) Bis(2-ethylhexyl)phtha...	13.910	149	49396	5.064	ng	98

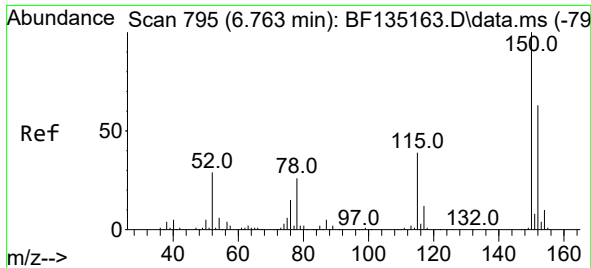
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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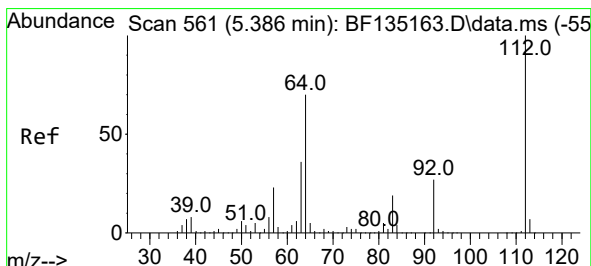
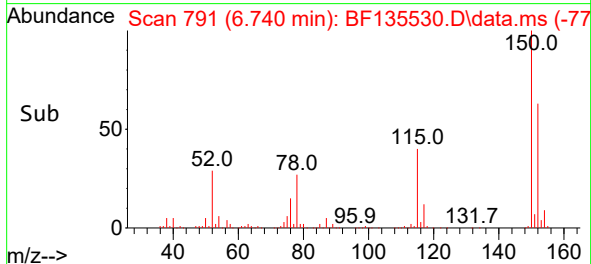
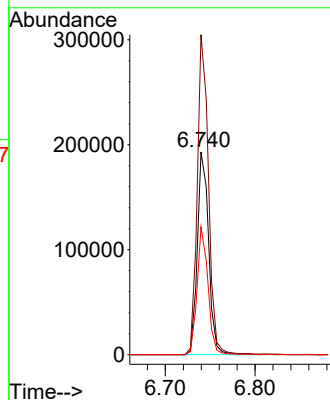
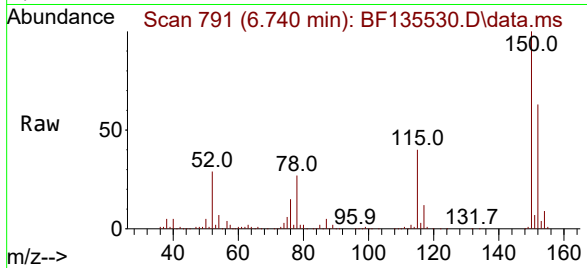




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. -0.011 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

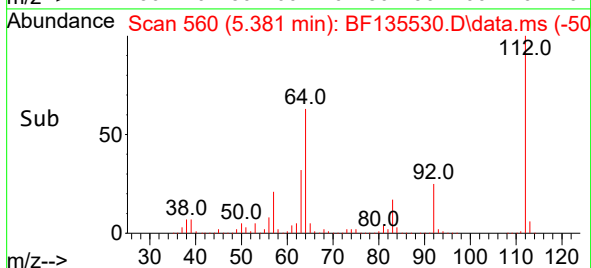
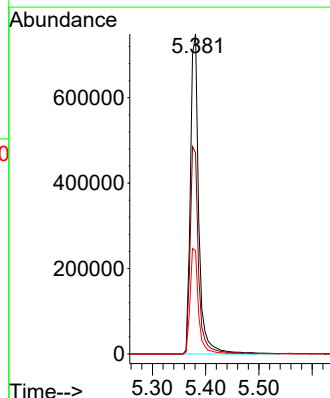
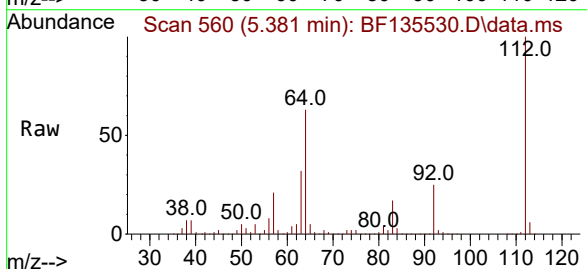
Instrument :
BNA_F
ClientSampleId :
RBR200007

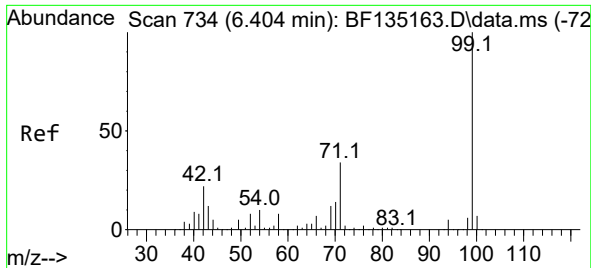
Tgt Ion:152 Resp: 169870
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 63.0 49.8 74.8



#5
2-Fluorophenol
Concen: 78.596 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Tgt Ion:112 Resp: 820873
Ion Ratio Lower Upper
112 100
64 62.8 55.9 83.9
63 32.2 29.0 43.6





#7

Phenol-d6

Concen: 76.791 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200007

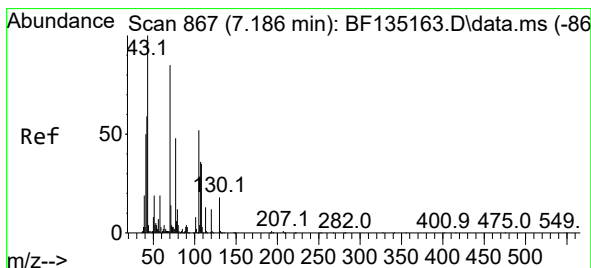
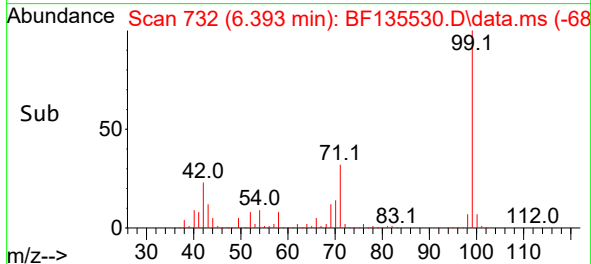
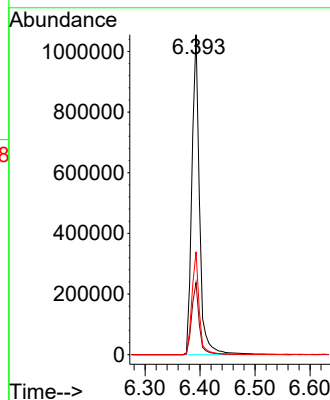
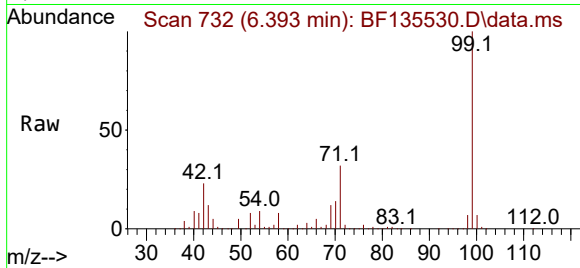
Tgt Ion: 99 Resp: 1019825

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 32.2 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.582 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.136 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

Tgt Ion: 70 Resp: 78819

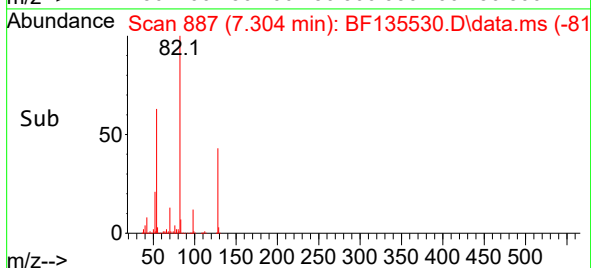
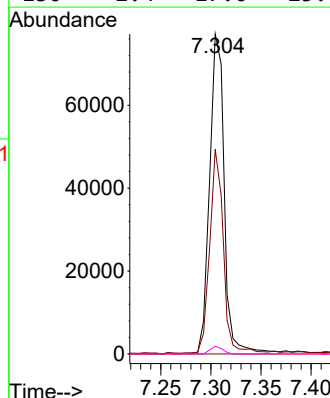
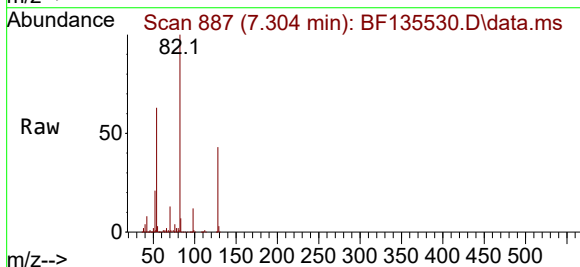
Ion Ratio Lower Upper

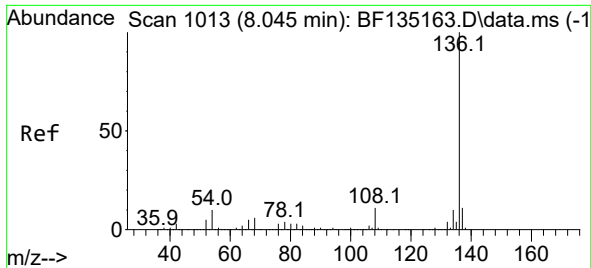
70 100

42 64.0 55.4 83.0

101 0.0 7.7 11.5#

130 2.4 17.0 25.6#



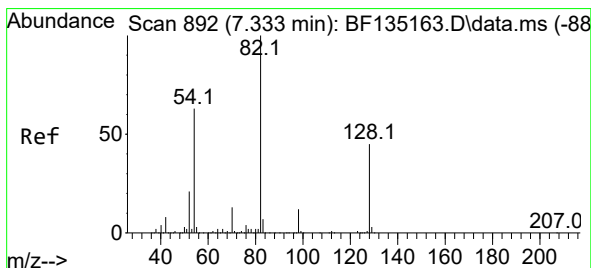
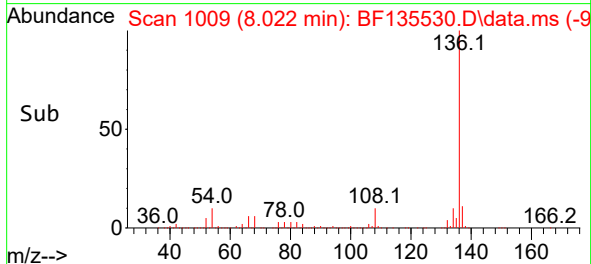
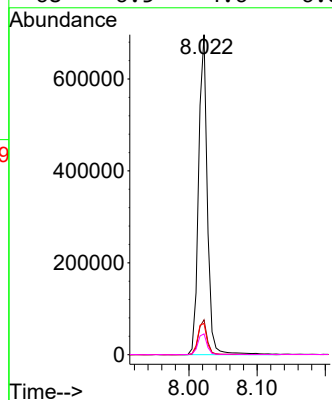
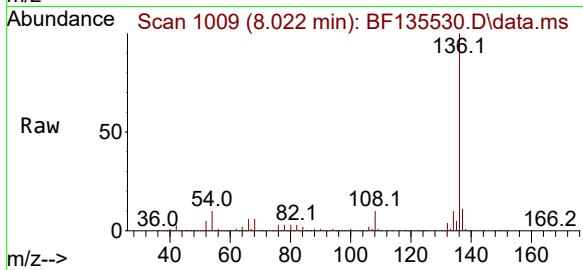


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Instrument :
BNA_F
ClientSampleId :
RBR200007

Tgt Ion:136 Resp: 622908

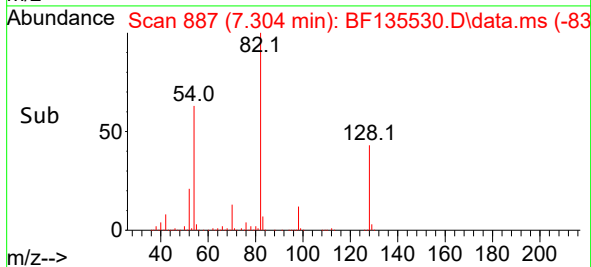
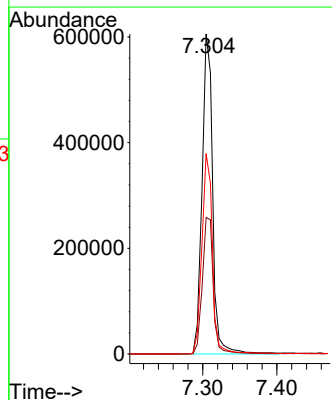
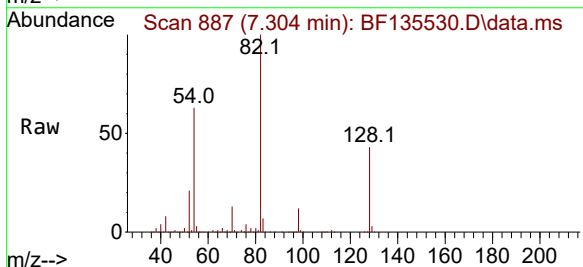
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	7.7	11.5
68	6.5	4.6	6.8

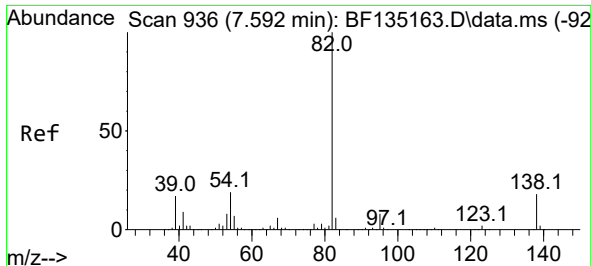


#23
Nitrobenzene-d5
Concen: 52.560 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.017 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Tgt Ion: 82 Resp: 602625

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.8	53.6
54	62.6	50.6	76.0

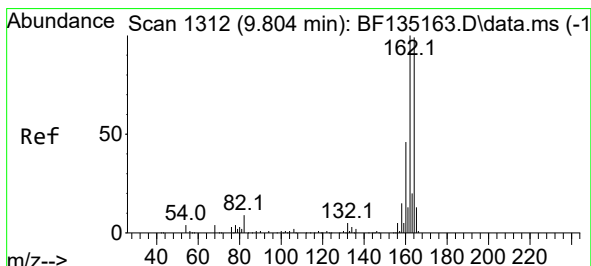
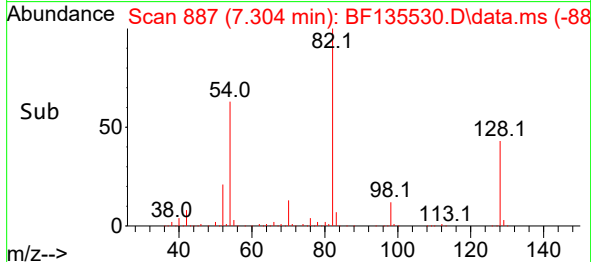
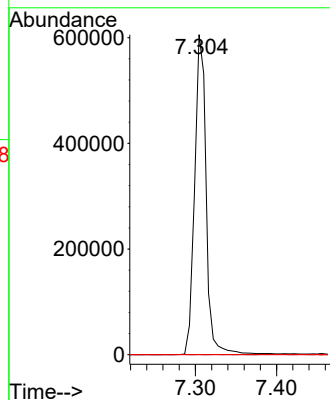
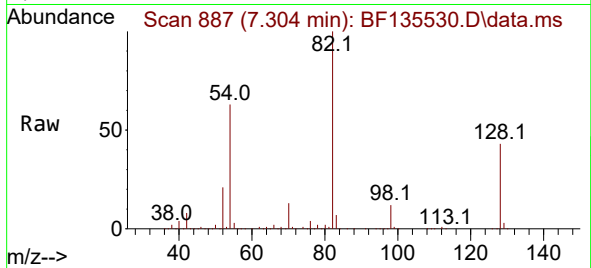




#25
Isophorone
Concen: 28.562 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

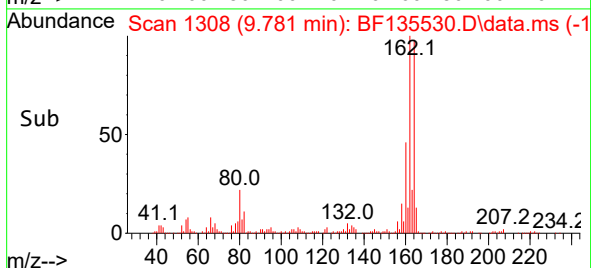
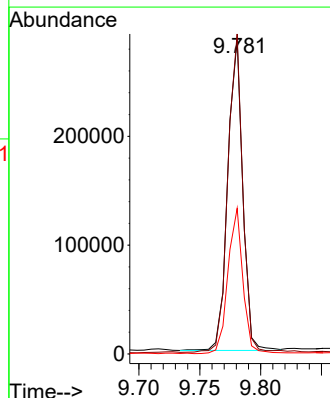
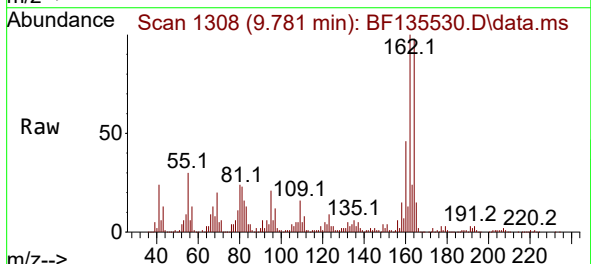
Instrument :
BNA_F
ClientSampleId :
RBR200007

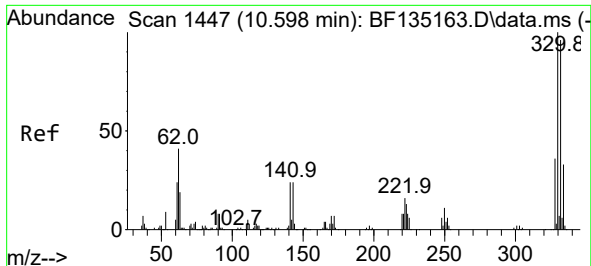
Tgt Ion: 82 Resp: 601330
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Tgt Ion:164 Resp: 244608
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 53.703 ng

RT: 10.581 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF135530.D

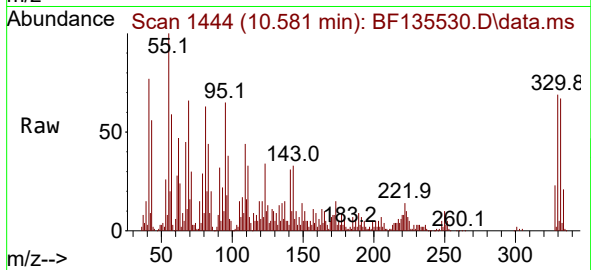
Acq: 02 Oct 2023 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200007



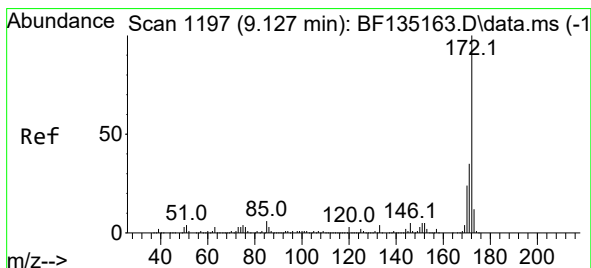
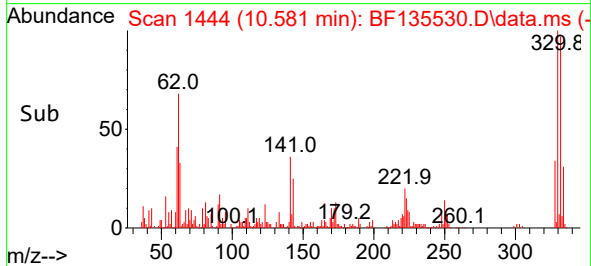
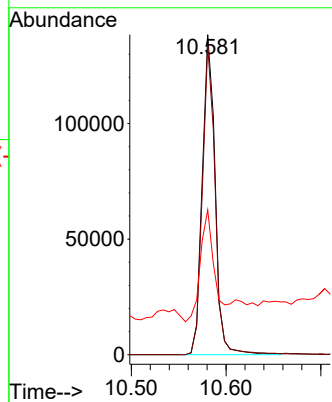
Tgt Ion:330 Resp: 130542

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 37.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 56.733 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

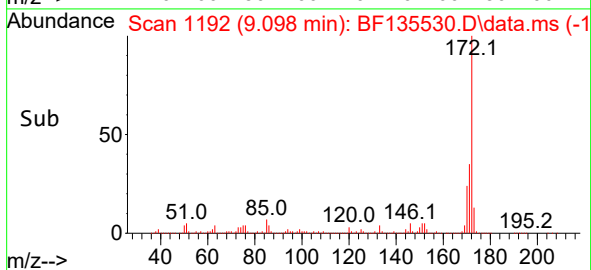
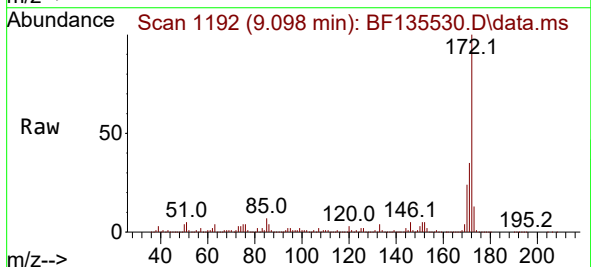
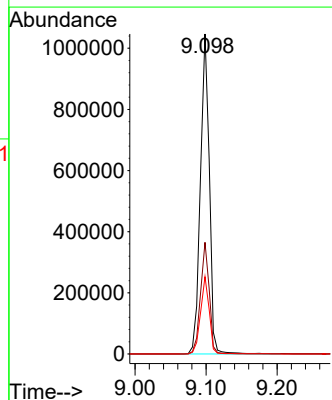
Tgt Ion:172 Resp: 919806

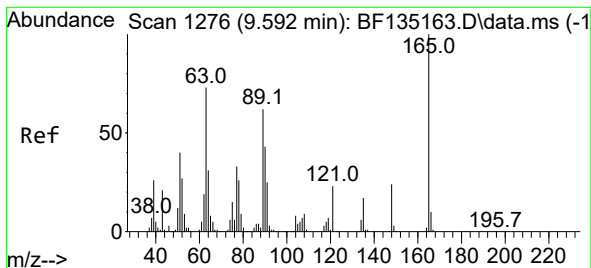
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 24.2 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 2.095 ng

RT: 9.575 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200007

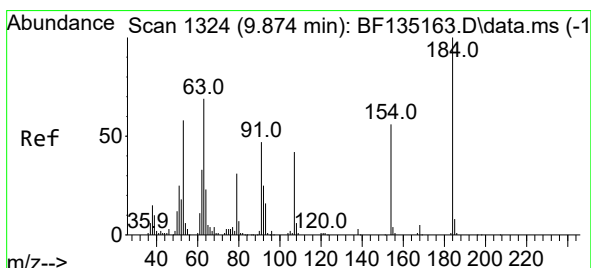
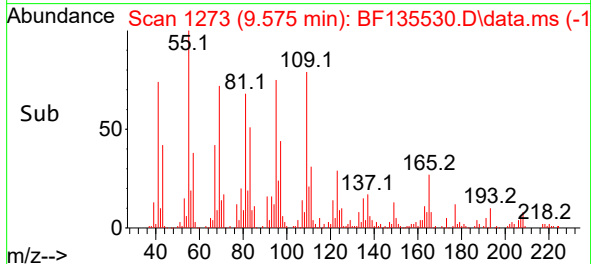
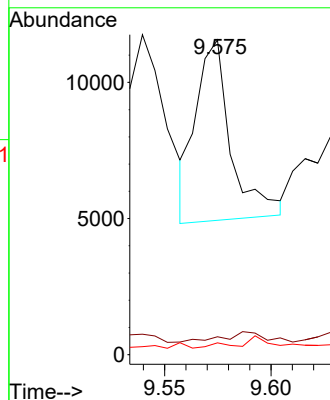
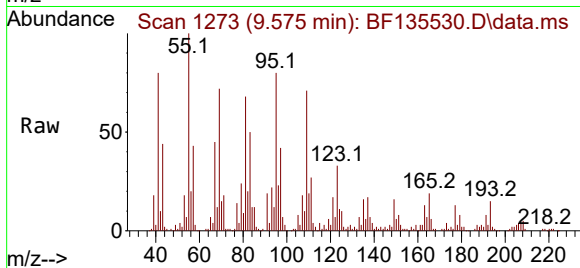
Tgt Ion:165 Resp: 7591

Ion Ratio Lower Upper

165 100

63 5.7 59.4 89.2#

89 3.7 49.8 74.8#



#54

2,4-Dinitrophenol

Concen: 6.277 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

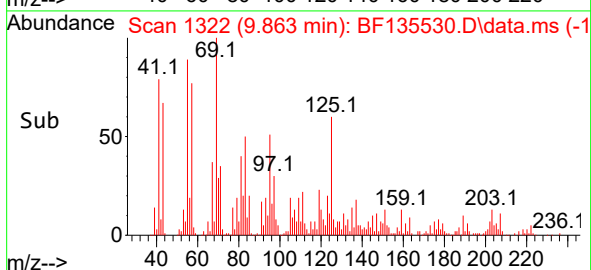
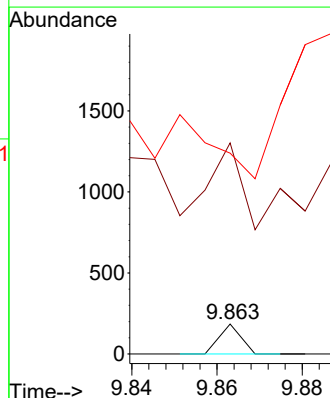
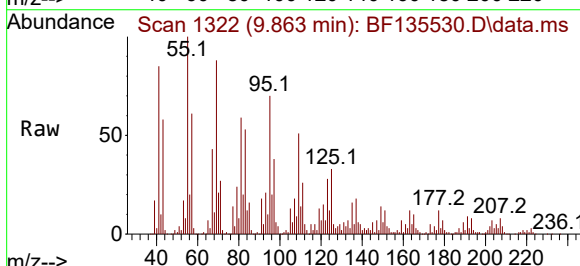
Tgt Ion:184 Resp: 65

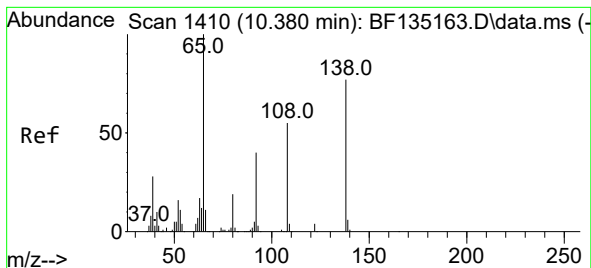
Ion Ratio Lower Upper

184 100

63 704.3 55.1 82.7#

154 669.7 48.4 72.6#

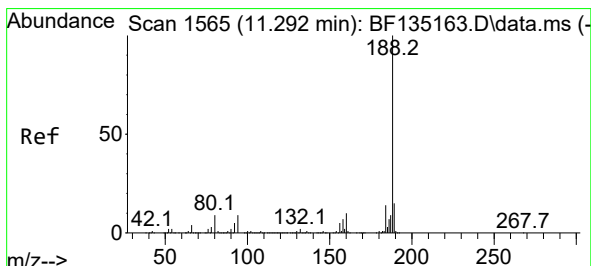
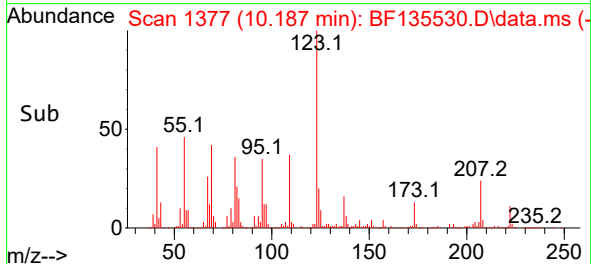
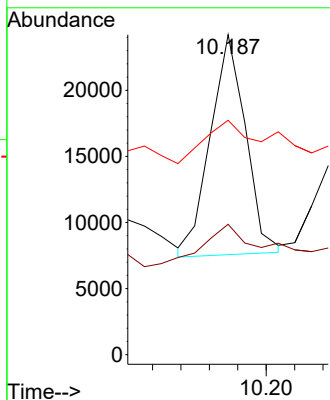
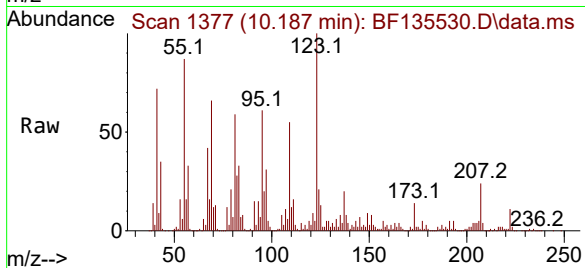




#62
4-Nitroaniline
Concen: 3.510 ng
RT: 10.187 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

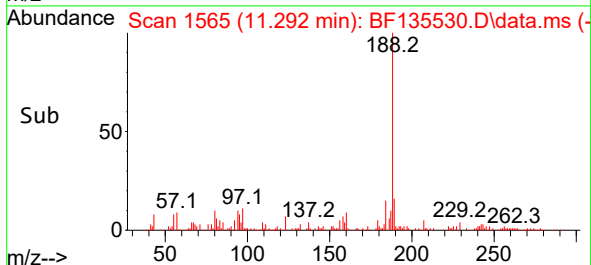
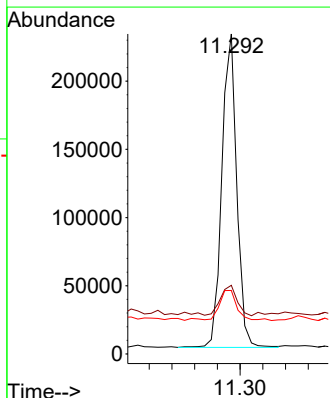
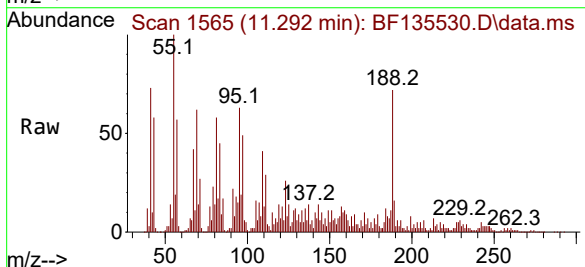
Instrument :
BNA_F
ClientSampleId :
RBR200007

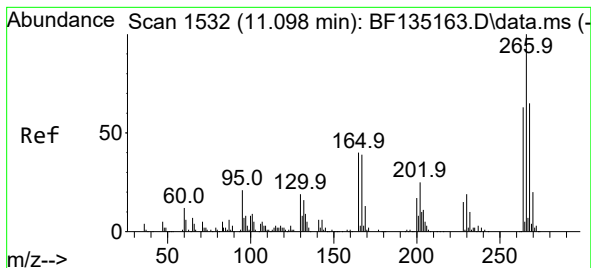
Tgt Ion:138 Resp: 14348
Ion Ratio Lower Upper
138 100
92 40.8 31.8 71.8
108 73.2 52.0 92.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.018 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Tgt Ion:188 Resp: 209917
Ion Ratio Lower Upper
188 100
94 21.4 7.0 10.6#
80 19.8 7.5 11.3#





#70

Pentachlorophenol

Concen: 2.936 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.036 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200007

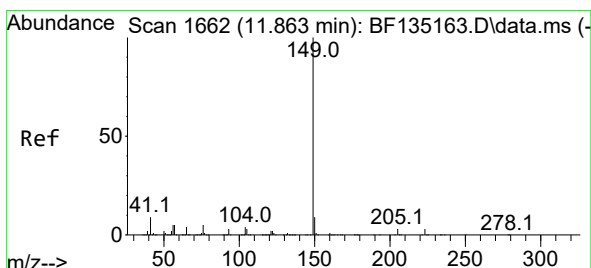
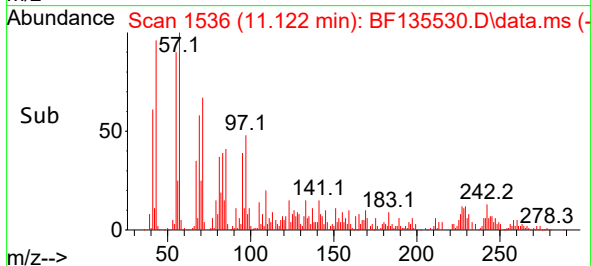
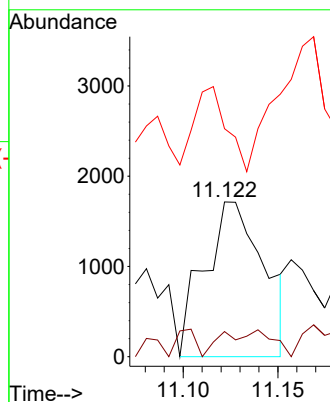
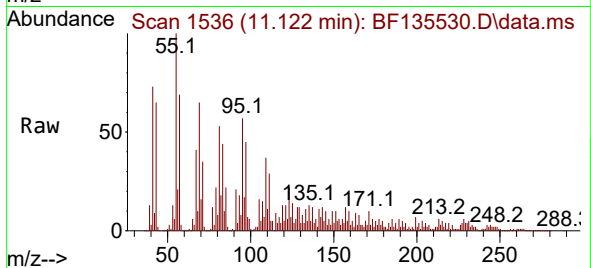
Tgt Ion:266 Resp: 3736

Ion Ratio Lower Upper

266 100

268 16.2 52.1 78.1#

264 147.3 50.8 76.2#



#74

Di-n-butylphthalate

Concen: 2.862 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

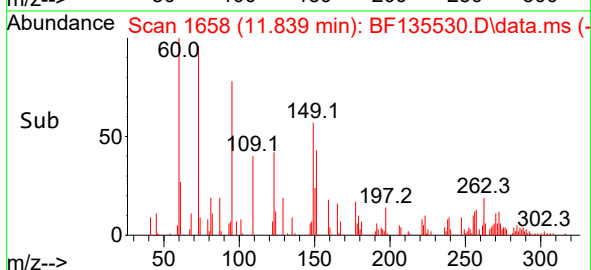
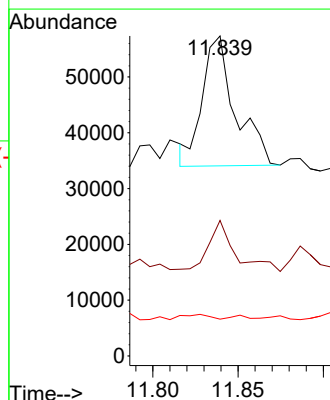
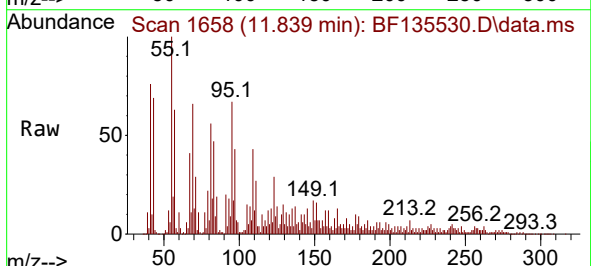
Tgt Ion:149 Resp: 31335

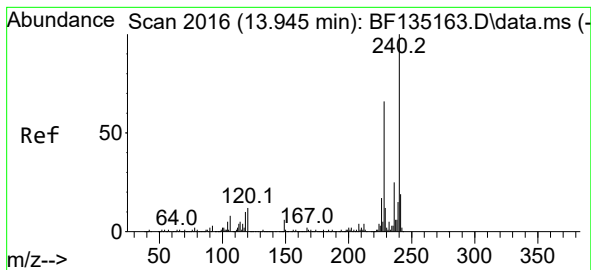
Ion Ratio Lower Upper

149 100

150 42.4 7.4 11.0#

104 11.5 3.6 5.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200007

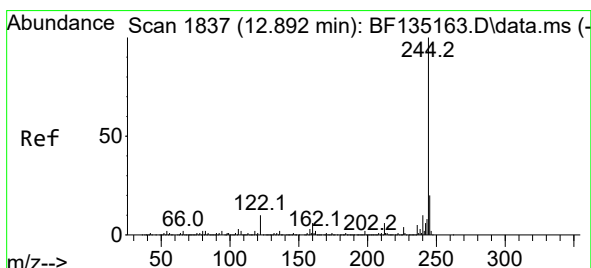
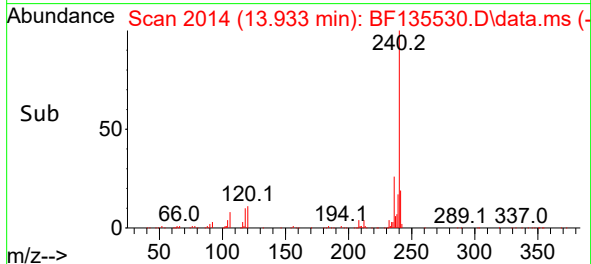
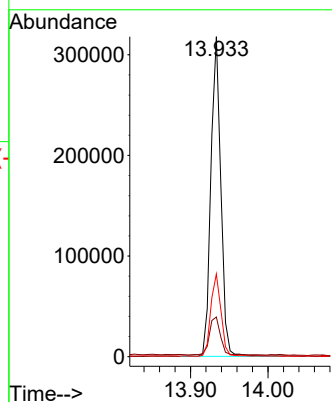
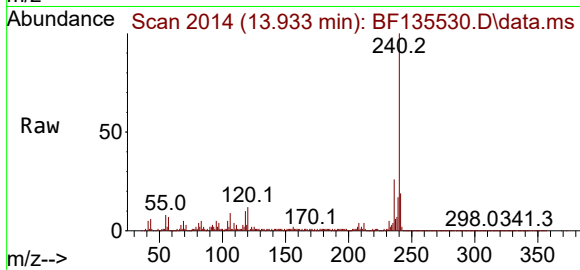
Tgt Ion:240 Resp: 283561

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 25.8 19.8 29.8



#79

Terphenyl-d14

Concen: 30.319 ng

RT: 12.881 min Scan# 1835

Delta R.T. 0.006 min

Lab File: BF135530.D

Acq: 02 Oct 2023 16:38

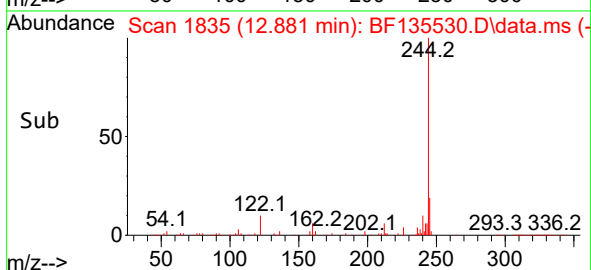
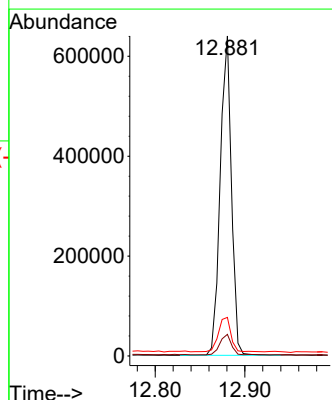
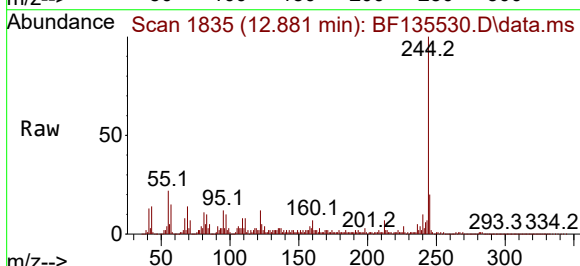
Tgt Ion:244 Resp: 554601

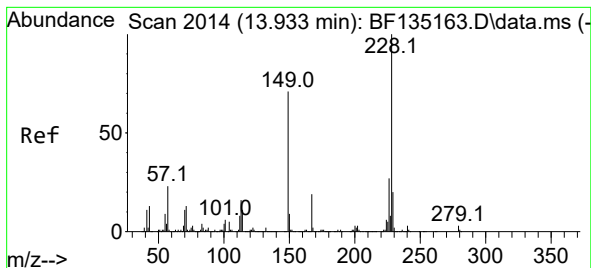
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 12.1 7.9 11.9#

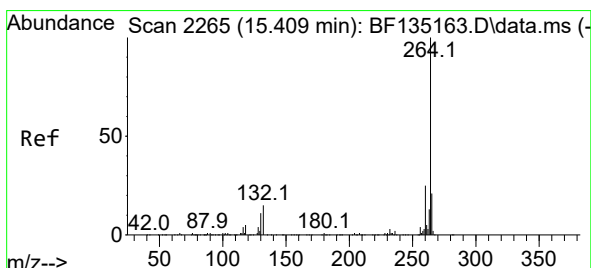
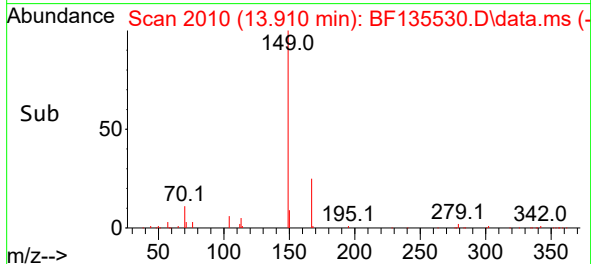
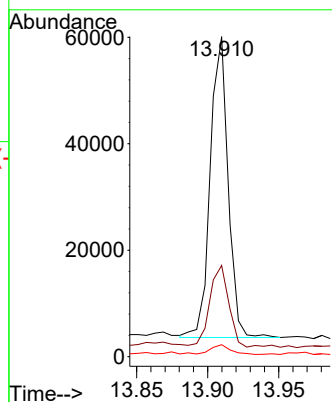
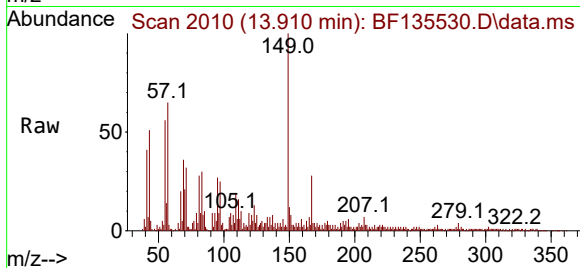




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.064 ng
RT: 13.910 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Instrument :
BNA_F
ClientSampleId :
RBR200007

Tgt Ion:149 Resp: 49396
Ion Ratio Lower Upper
149 100
167 28.5 21.9 32.9
279 3.8 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF135530.D
Acq: 02 Oct 2023 16:38

Tgt Ion:264 Resp: 336500
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 22.2 17.0 25.4

