

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135430.D
 Acq On : 25 Sep 2023 16:50
 Operator : CG\JU
 Sample : 04540-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 19:10:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

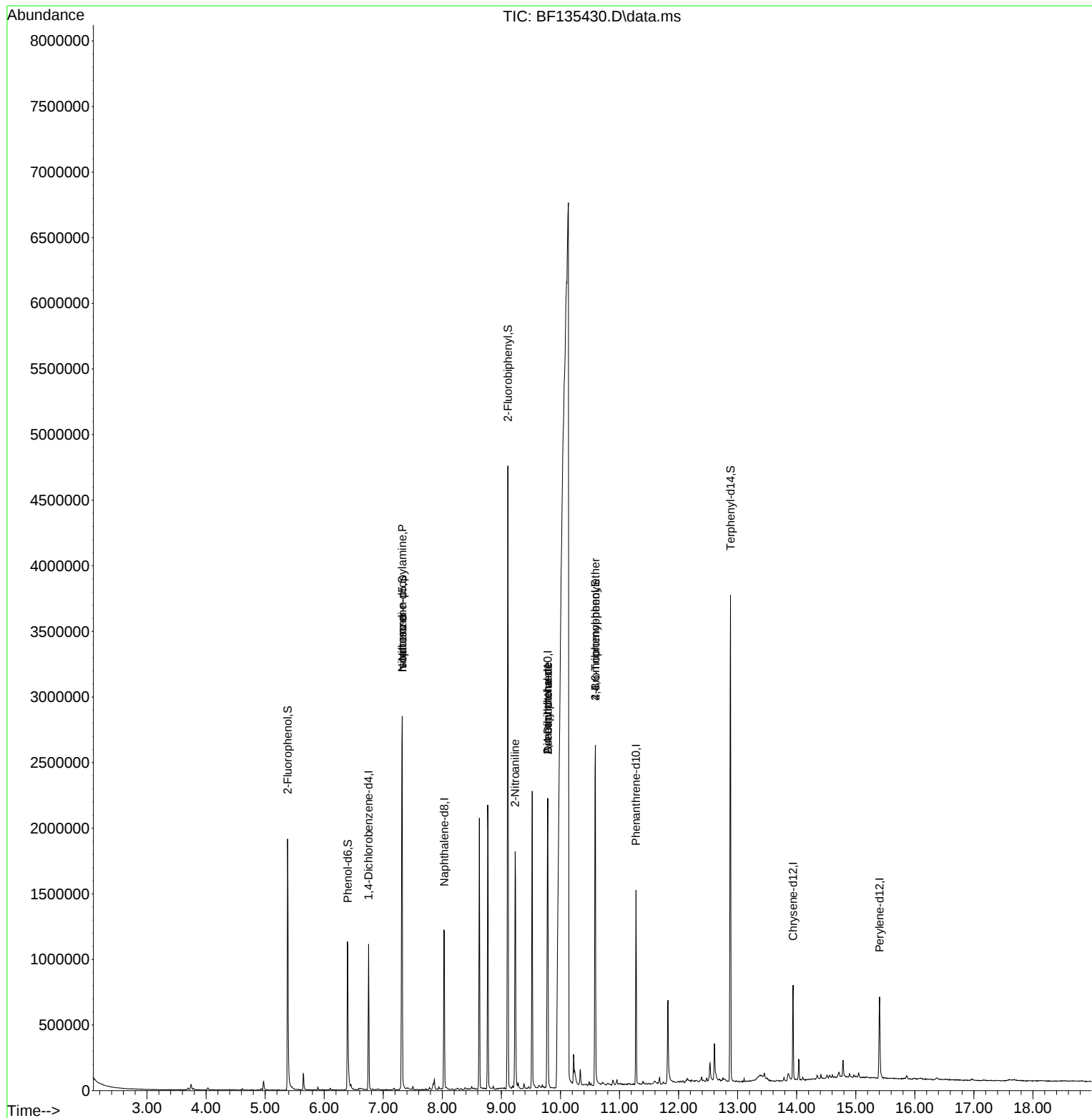
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	151723	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	582537	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	266130	20.000	ng	-0.02
64) Phenanthrene-d10	11.280	188	500467	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	239714	20.000	ng	0.00
86) Perylene-d12	15.404	264	290438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	562589	60.309	ng	0.00
7) Phenol-d6	6.398	99	449090	37.860	ng	0.00
23) Nitrobenzene-d5	7.322	82	994419	92.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	325757	123.174	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1595391	90.445	ng	-0.02
79) Terphenyl-d14	12.880	244	1325428	85.713	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	132896	18.088	ng	# 78
25) Isophorone	7.322	82	990404	50.302	ng	# 65
48) 2-Nitroaniline	9.233	65	19040	3.303	ng	# 16
50) Dimethylphthalate	9.786	163	49679	2.761	ng	# 1
57) 2,4-Dinitrotoluene	9.786	165	34622	7.016	ng	# 53
67) 4-Bromophenyl-phenylether	10.592	248	21065	4.232	ng	# 1

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

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Data File : BF135430.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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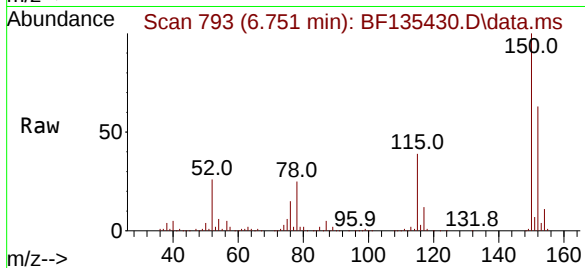
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



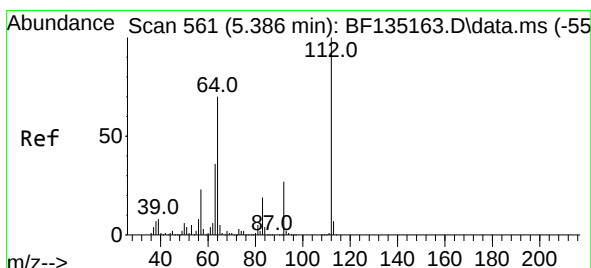
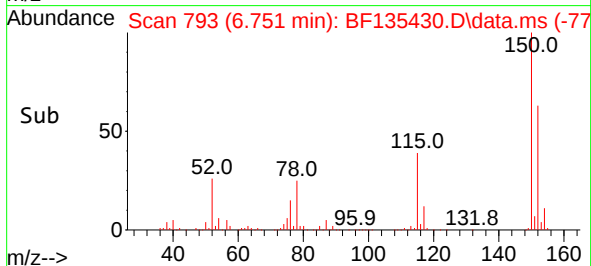
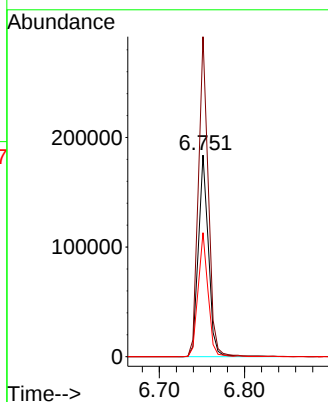


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

Instrument :
BNA_F
ClientSampleId :

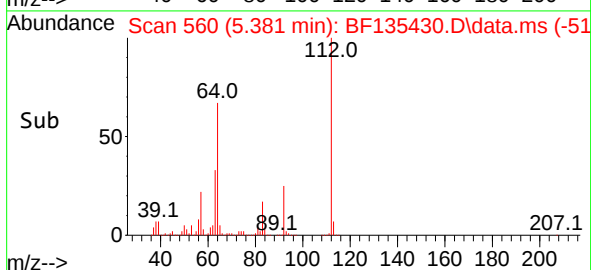
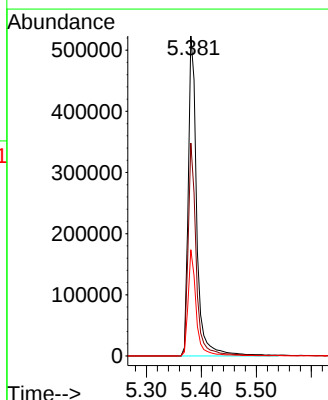
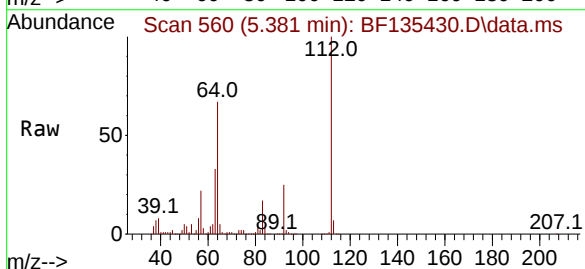


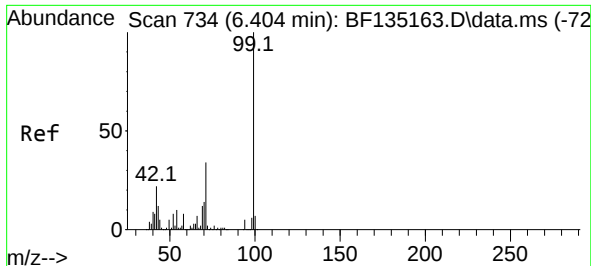
Tgt Ion:152 Resp: 151723
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 61.5 49.8 74.8



#5
2-Fluorophenol
Concen: 60.309 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

Tgt Ion:112 Resp: 562589
Ion Ratio Lower Upper
112 100
64 66.6 55.9 83.9
63 33.2 29.0 43.6

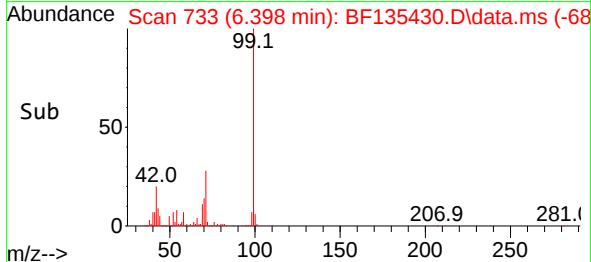
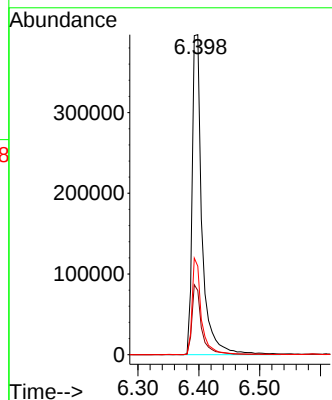
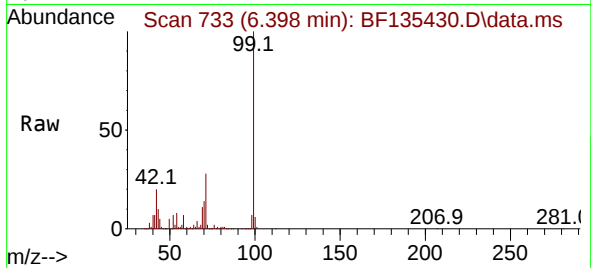




#7
Phenol-d6
Concen: 37.860 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

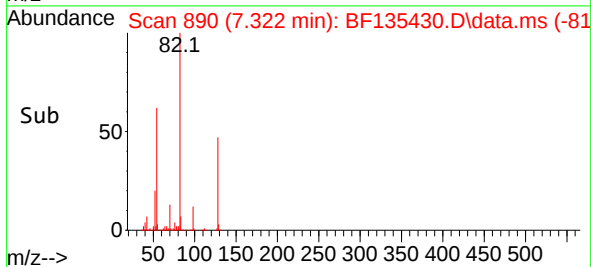
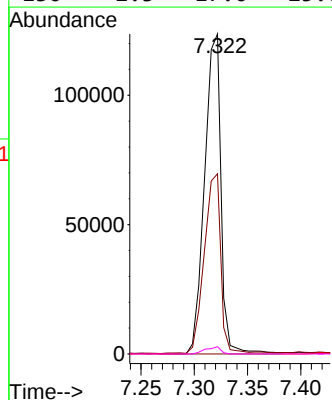
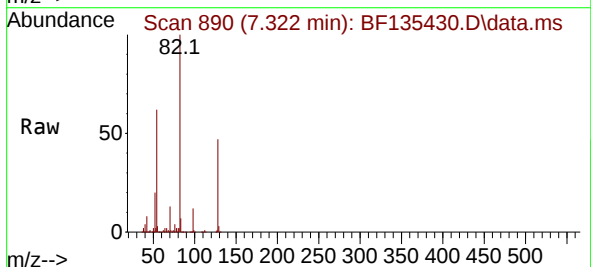
Instrument :
BNA_F
ClientSampleId :

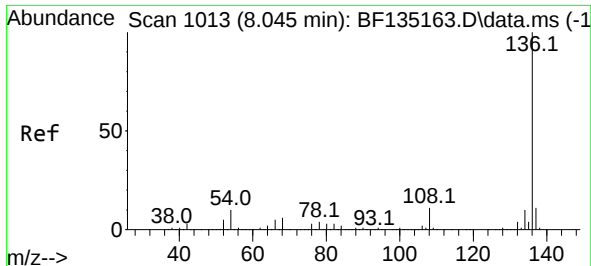
Tgt Ion: 99 Resp: 449090
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 27.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.088 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

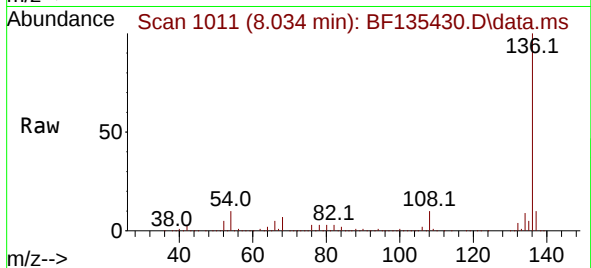
Tgt Ion: 70 Resp: 132896
Ion Ratio Lower Upper
70 100
42 56.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#



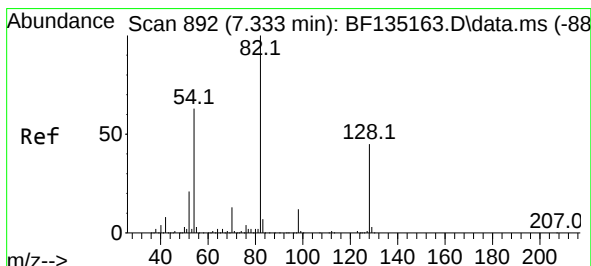
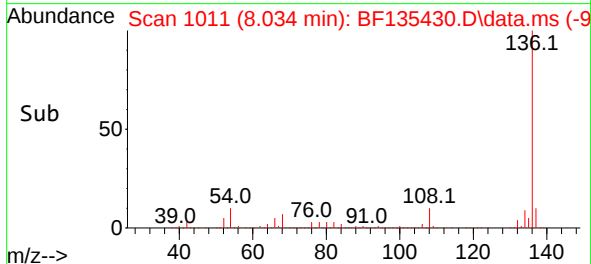
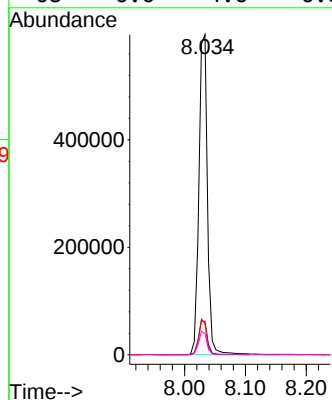


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

Instrument :
BNA_F
ClientSampleId :

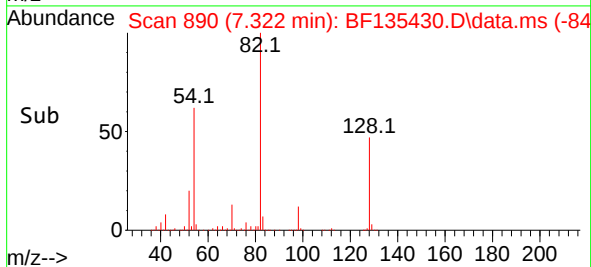
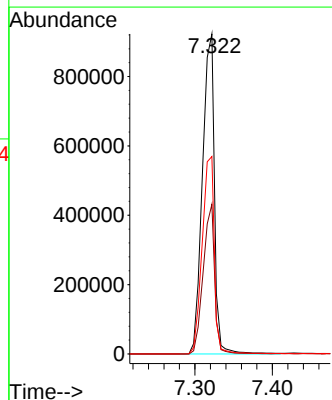
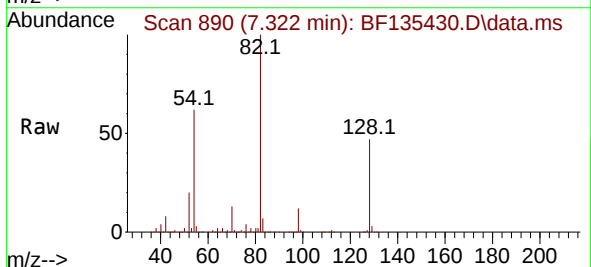


Tgt Ion:136 Resp: 582537
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.6 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.743 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

Tgt Ion: 82 Resp: 994419
Ion Ratio Lower Upper
82 100
128 46.8 35.8 53.6
54 61.7 50.6 76.0

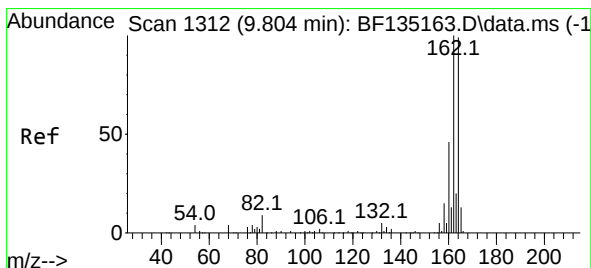
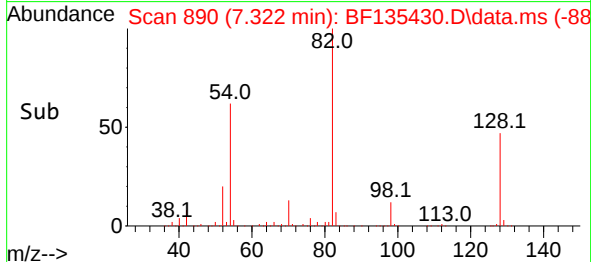
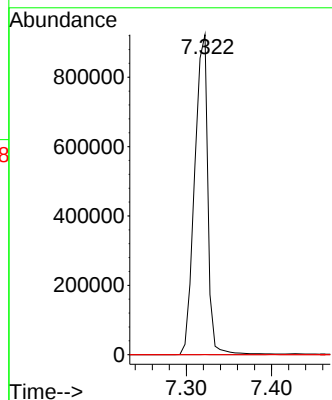
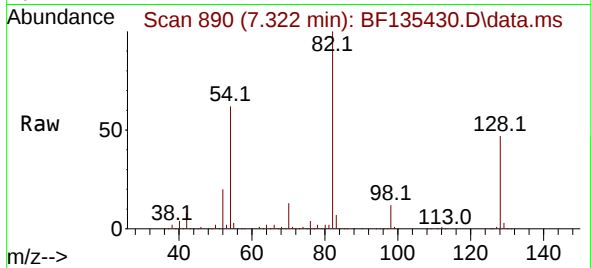




#25
Isophorone
Concen: 50.302 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

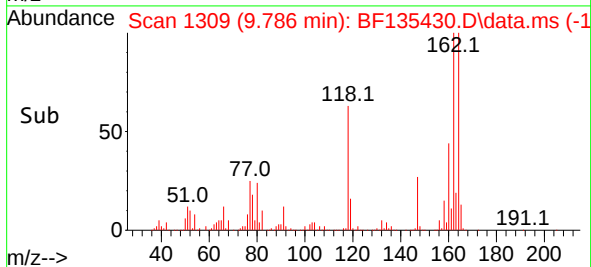
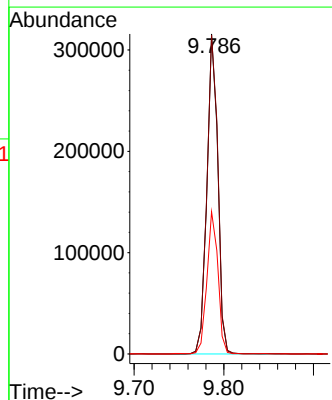
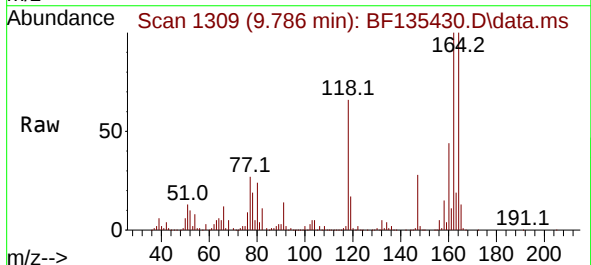
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 990404
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: 9.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

Tgt Ion:164 Resp: 266130
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 123.174 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

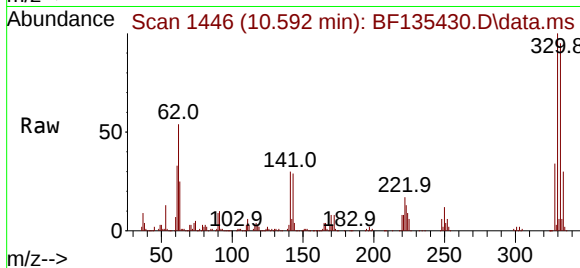
Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

Instrument :

BNA_F

ClientSampleId :



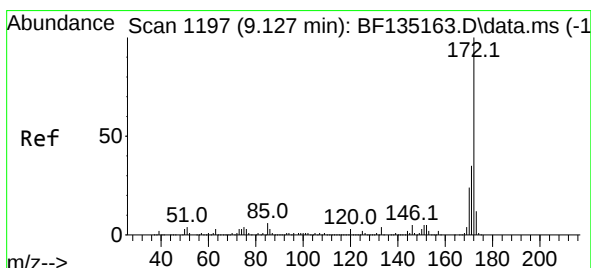
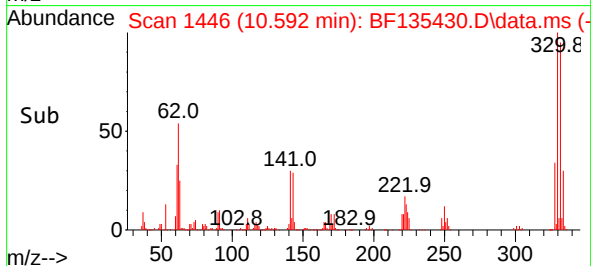
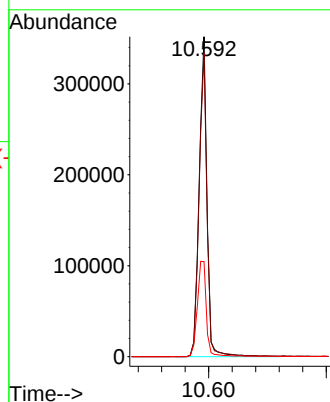
Tgt Ion:330 Resp: 325757

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.445 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.018 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

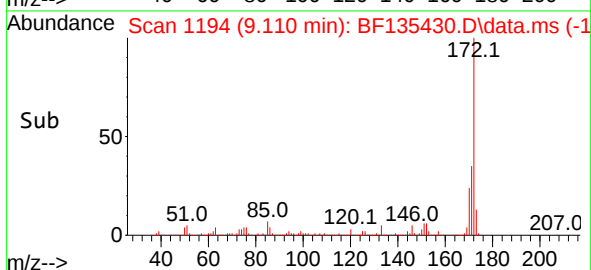
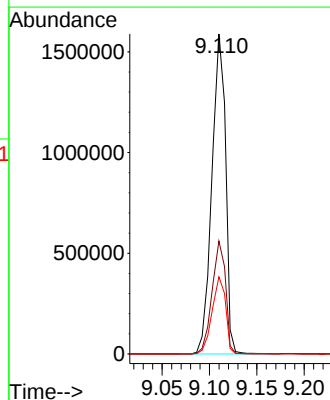
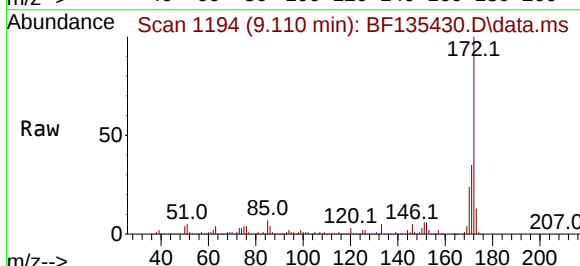
Tgt Ion:172 Resp: 1595391

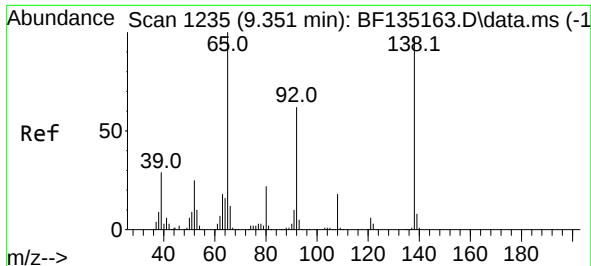
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 19.0 28.4

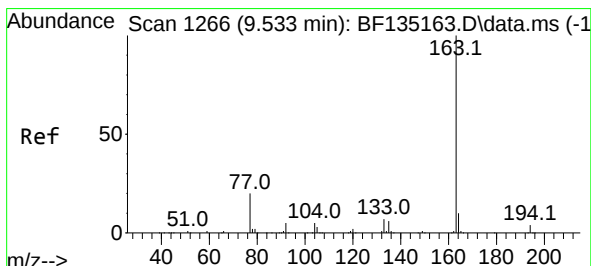
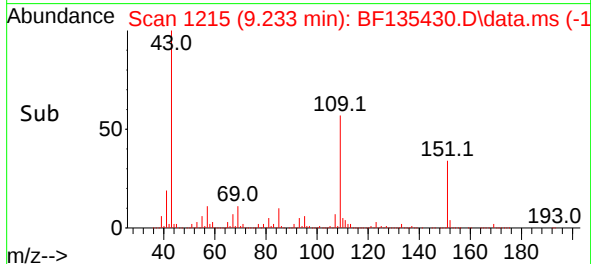
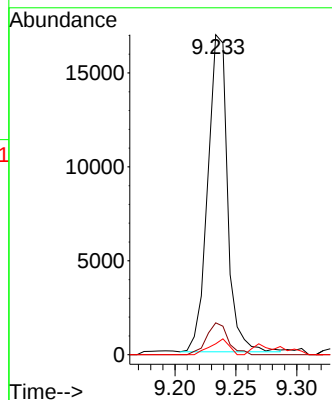
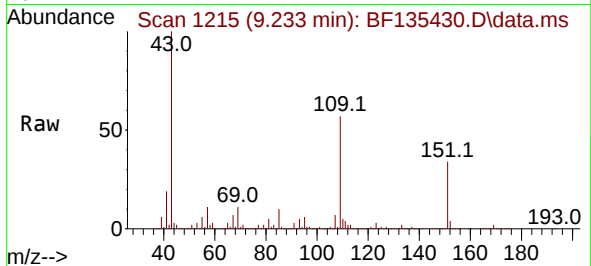




#48
2-Nitroaniline
Concen: 3.303 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

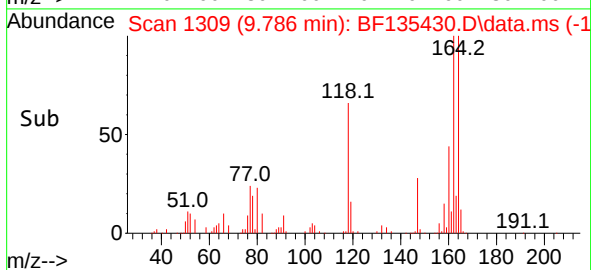
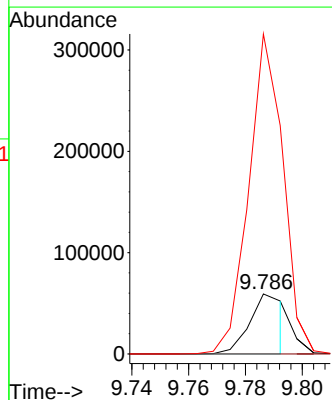
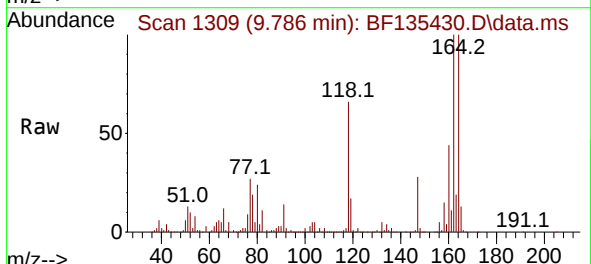
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ClientSampleId :

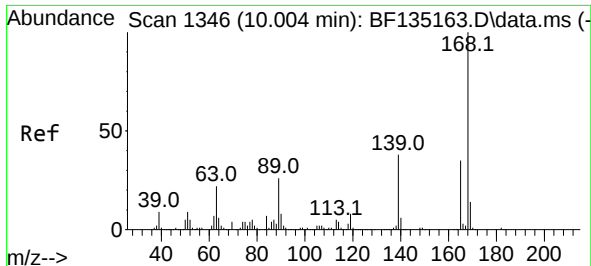
Tgt Ion: 65 Resp: 19040
Ion Ratio Lower Upper
65 100
92 9.9 49.4 74.0#
138 3.4 77.4 116.0#



#50
Dimethylphthalate
Concen: 2.761 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.253 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

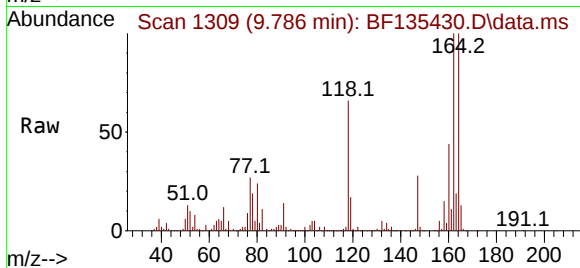
Tgt Ion:163 Resp: 49679
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 533.5 8.1 12.1#



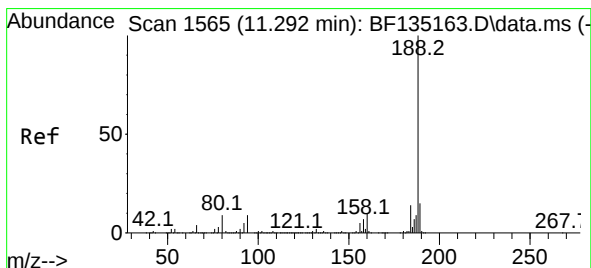
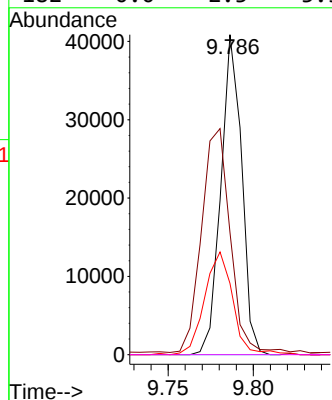
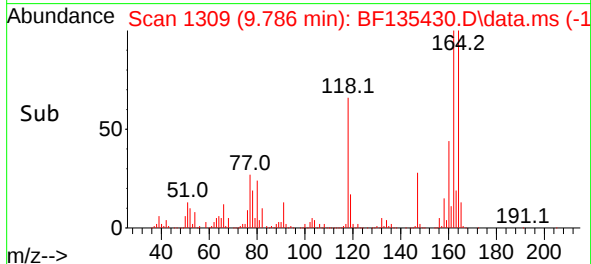


#57
2,4-Dinitrotoluene
Concen: 7.016 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

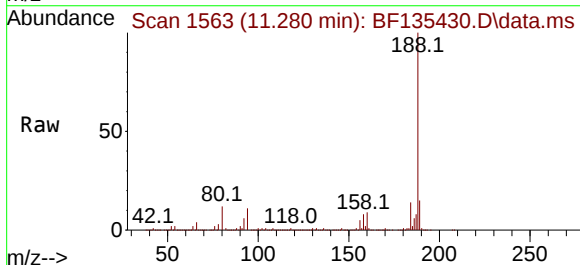
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BNA_F
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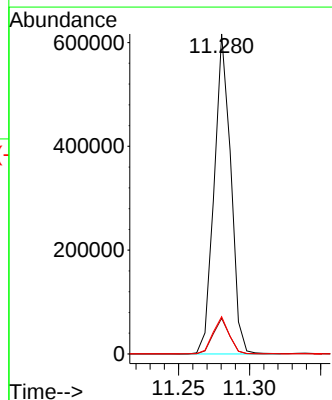
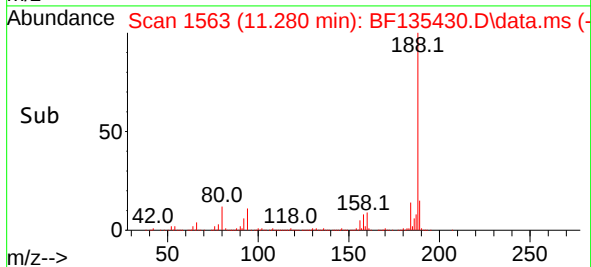
Tgt Ion:165 Resp: 34622
Ion Ratio Lower Upper
165 100
63 38.2 50.1 75.1#
89 22.3 59.3 88.9#
182 0.0 2.3 3.5#

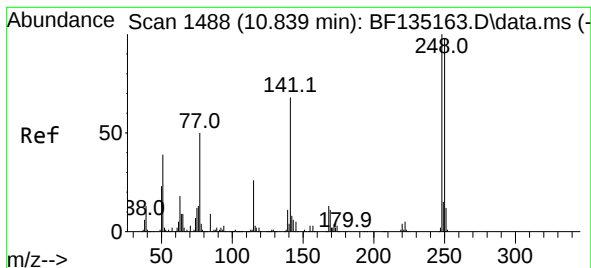


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50



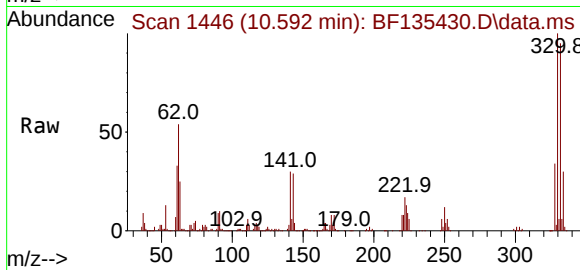
Tgt Ion:188 Resp: 500467
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.7 7.5 11.3#



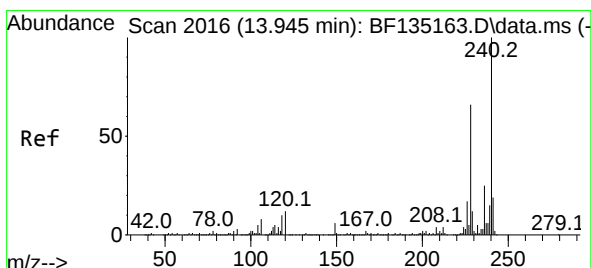
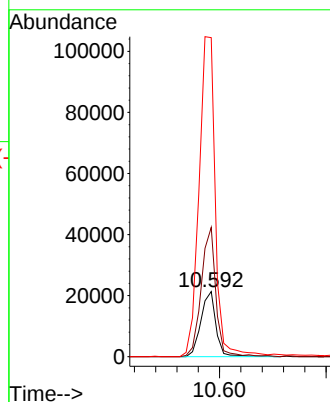
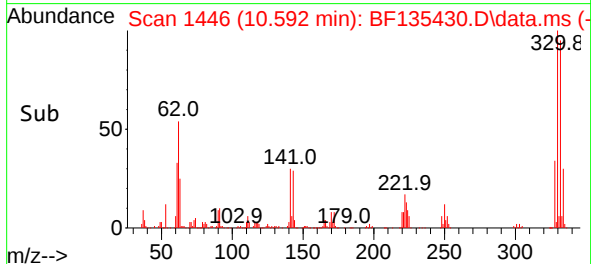


#67
4-Bromophenyl-phenylether
Concen: 4.232 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

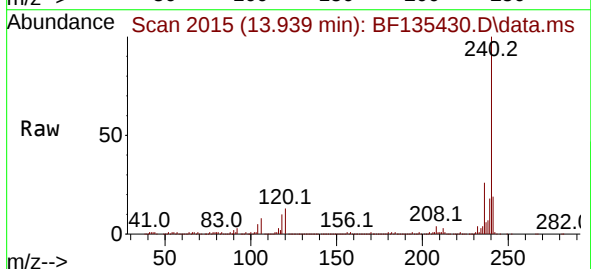
Instrument :
BNA_F
ClientSampleId :



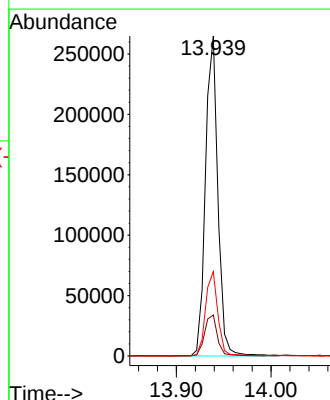
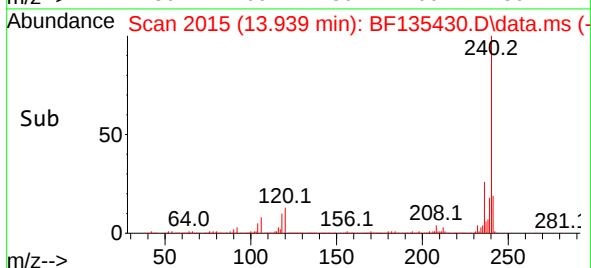
Tgt Ion:248 Resp: 21065
Ion Ratio Lower Upper
248 100
250 198.3 78.6 117.8#
141 489.5 54.2 81.2#

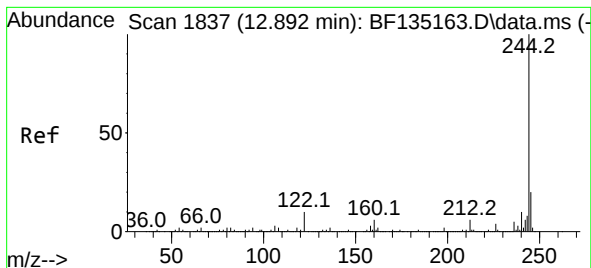


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50



Tgt Ion:240 Resp: 239714
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 85.713 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

Instrument :

BNA_F

ClientSampleId :

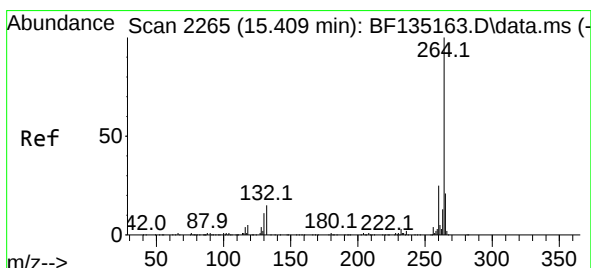
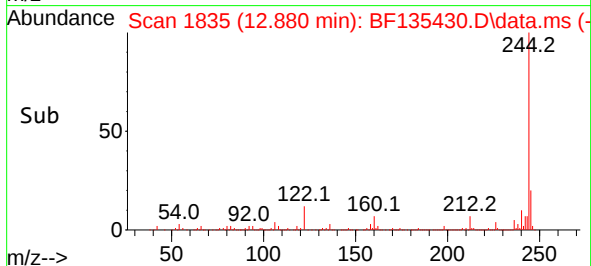
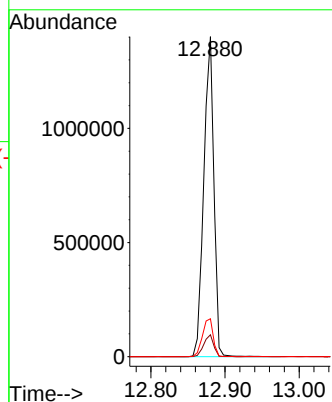
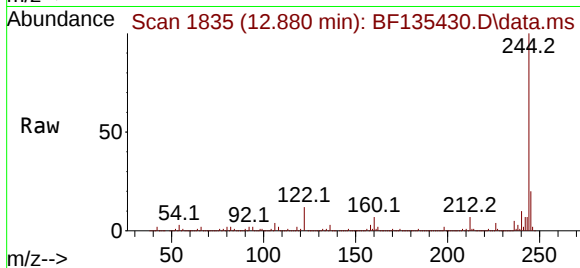
Tgt Ion:244 Resp: 1325428

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

Tgt Ion:264 Resp: 290438

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 21.1 17.0 25.4

