

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135429.D
 Acq On : 25 Sep 2023 16:19
 Operator : CG\JU
 Sample : 04540-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 19:09:55 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)

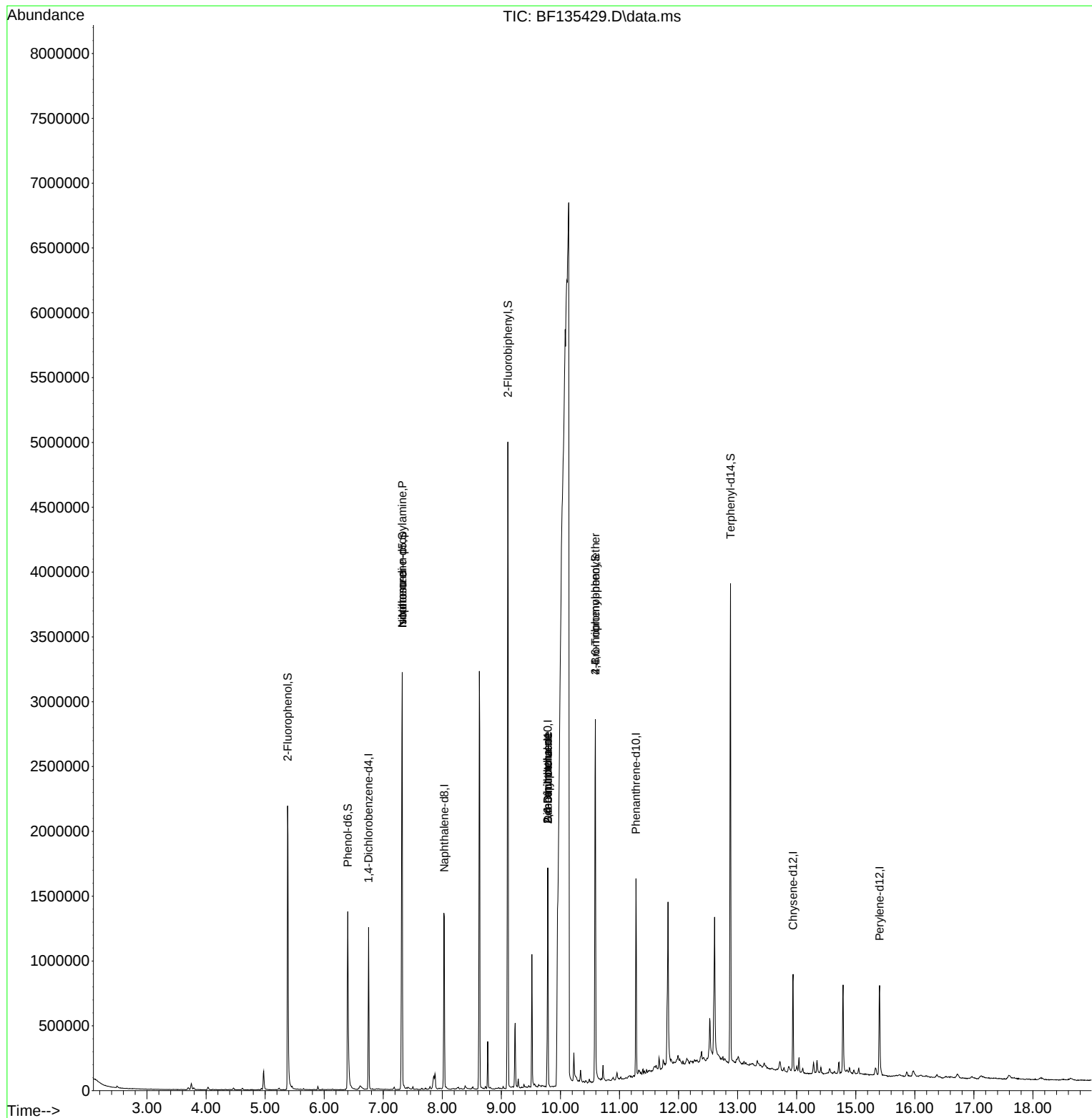
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	165625	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	639116	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	303749	20.000	ng	-0.02
64) Phenanthrene-d10	11.280	188	541333	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	263686	20.000	ng	0.00
86) Perylene-d12	15.404	264	318432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	648446	63.678	ng	0.00
7) Phenol-d6	6.398	99	531007	41.009	ng	0.00
23) Nitrobenzene-d5	7.322	82	1097235	93.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	364612	120.791	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1721225	85.493	ng	-0.02
79) Terphenyl-d14	12.880	244	1358782	79.882	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	144412	18.006	ng	# 80
25) Isophorone	7.322	82	1086726	50.308	ng	# 65
50) Dimethylphthalate	9.786	163	57889	2.819	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	38989	8.666	ng	# 20
57) 2,4-Dinitrotoluene	9.786	165	38989	6.923	ng	# 21
67) 4-Bromophenyl-phenylether	10.592	248	23458	4.357	ng	# 1

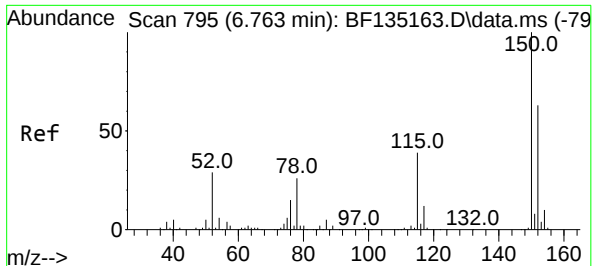
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135429.D
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ALS Vial : 10 Sample Multiplier: 1

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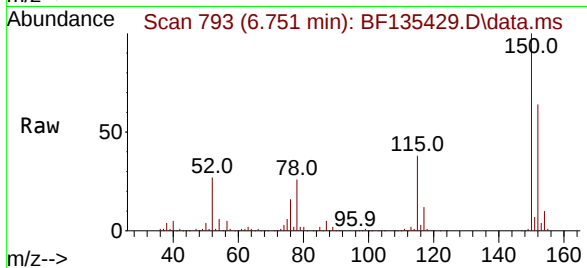
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



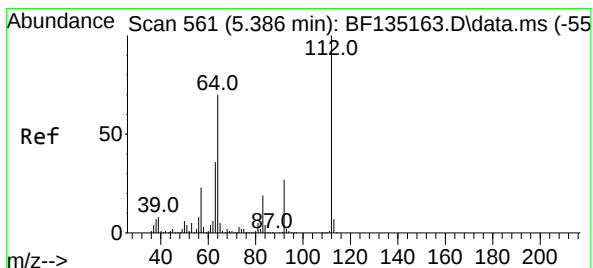
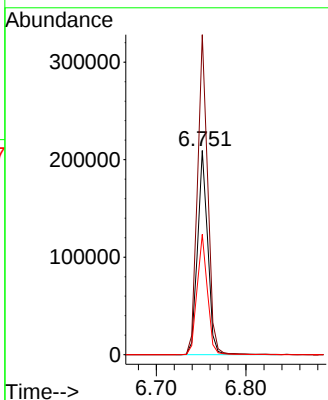
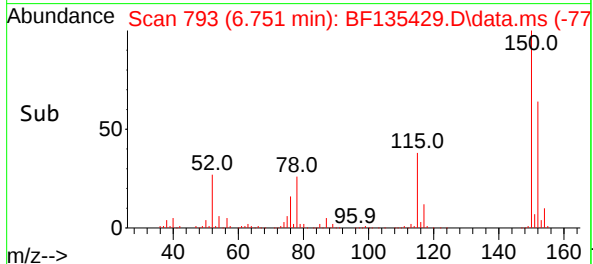


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Instrument :
BNA_F
ClientSampleId :

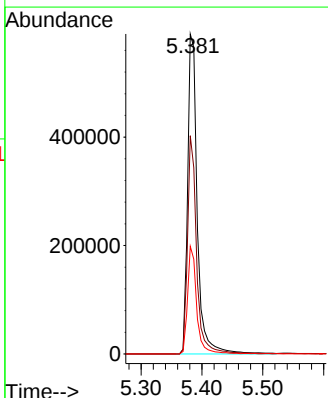
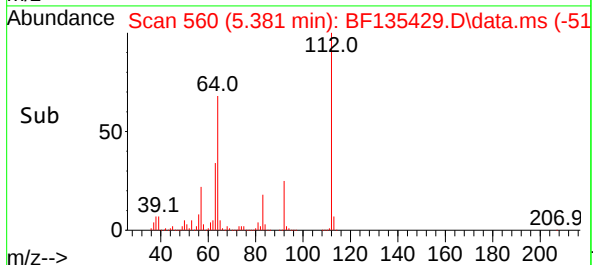
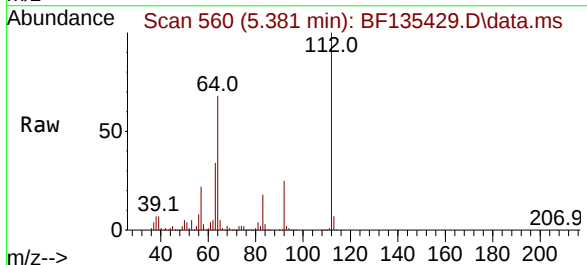


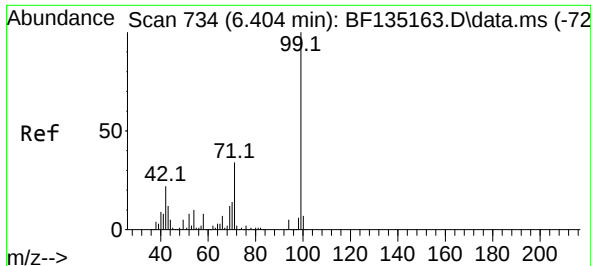
Tgt Ion:152 Resp: 165625
Ion Ratio Lower Upper
152 100
150 156.7 127.8 191.6
115 58.9 49.8 74.8



#5
2-Fluorophenol
Concen: 63.678 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Tgt Ion:112 Resp: 648446
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 33.7 29.0 43.6

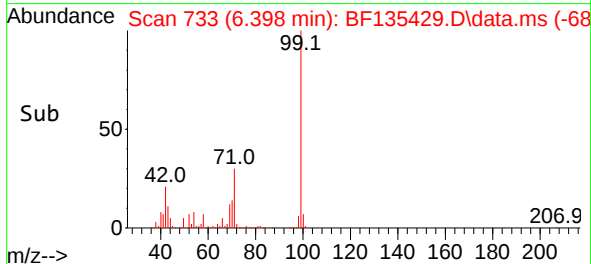
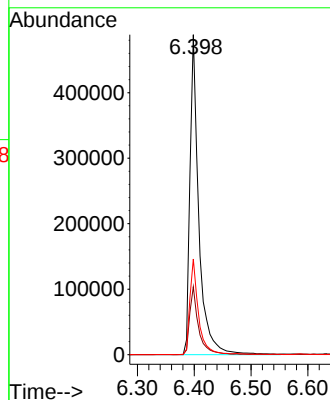
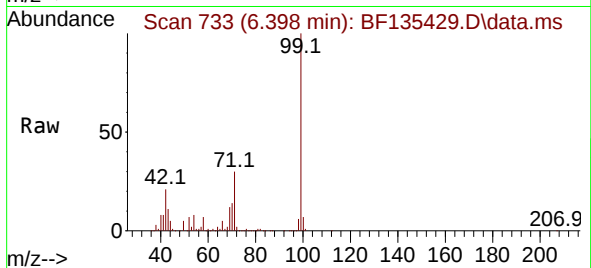




#7
Phenol-d6
Concen: 41.009 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

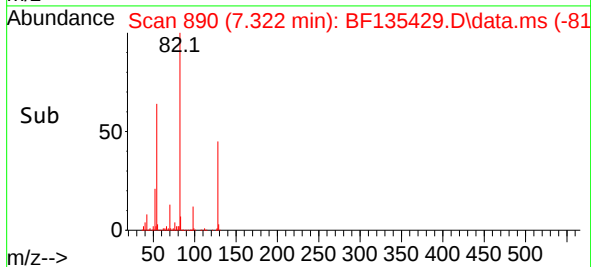
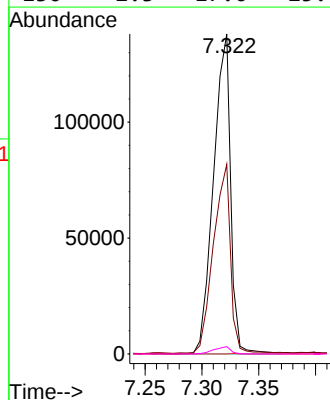
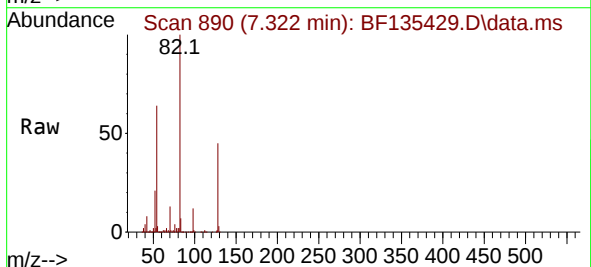
Instrument :
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ClientSampleId :

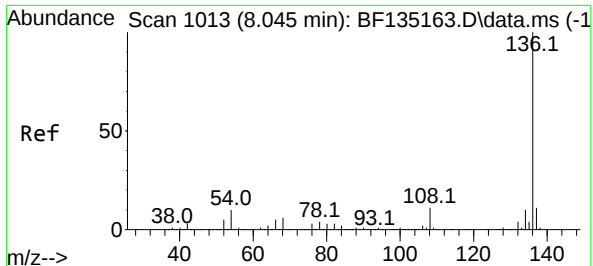
Tgt Ion: 99 Resp: 531007
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 29.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.006 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

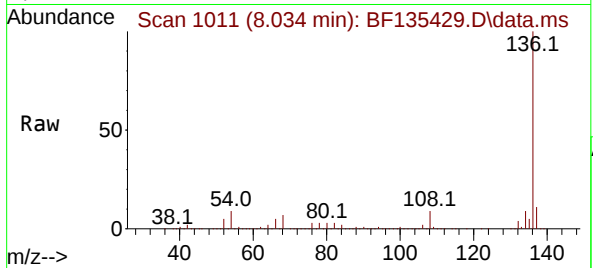
Tgt Ion: 70 Resp: 144412
Ion Ratio Lower Upper
70 100
42 59.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#



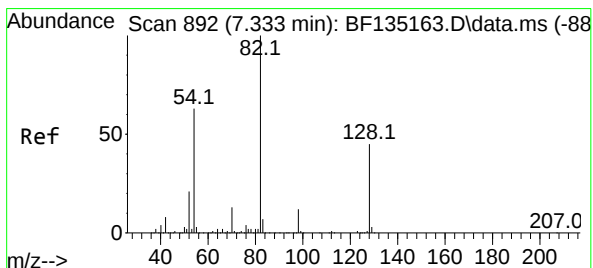
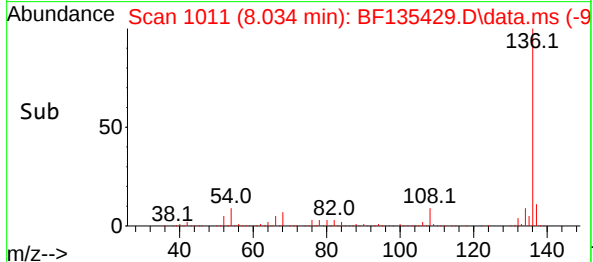
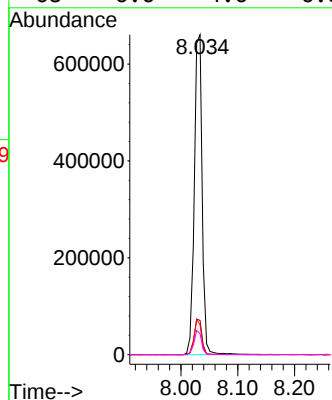


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Instrument :
BNA_F
ClientSampleId :

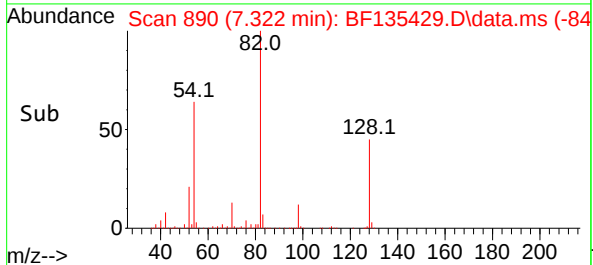
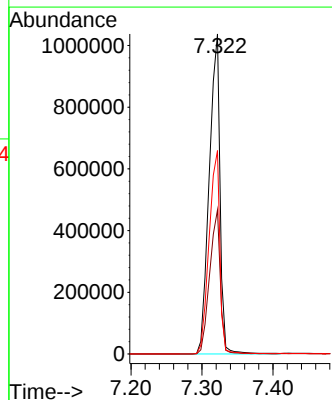
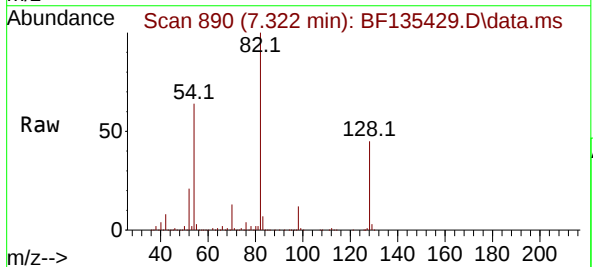


Tgt Ion:136 Resp: 639116
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.3 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.273 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Tgt Ion: 82 Resp: 1097235
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 63.6 50.6 76.0

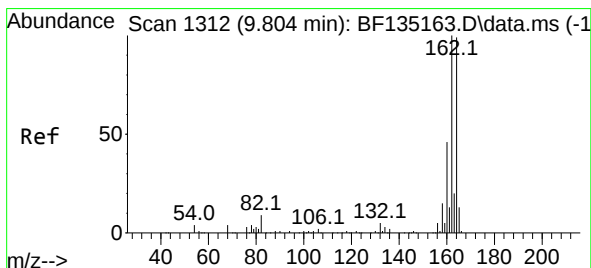
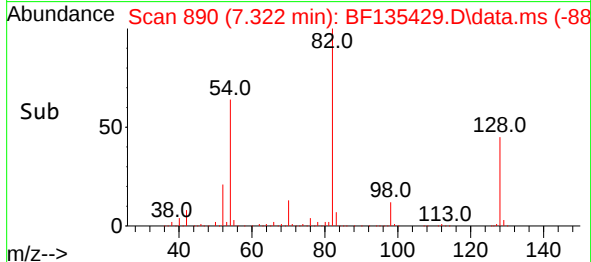
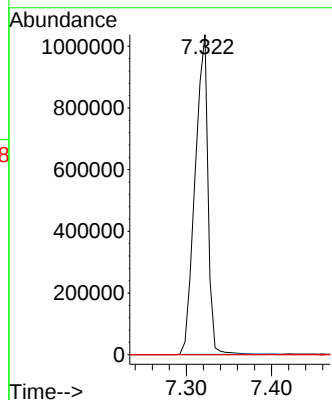
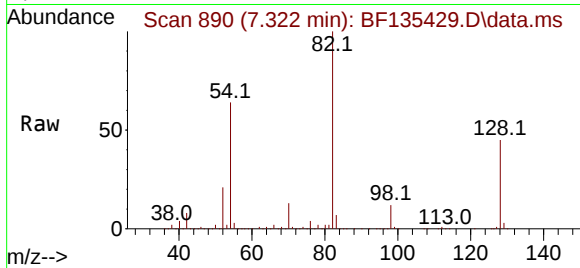




#25
Isophorone
Concen: 50.308 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

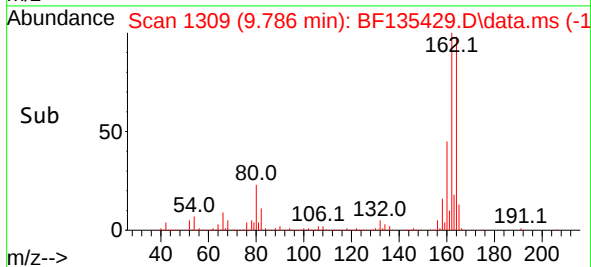
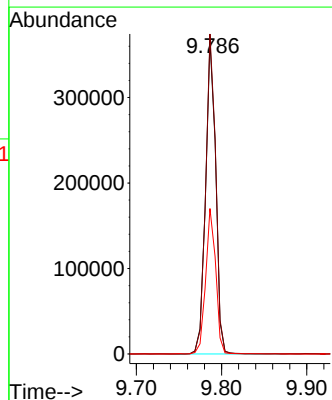
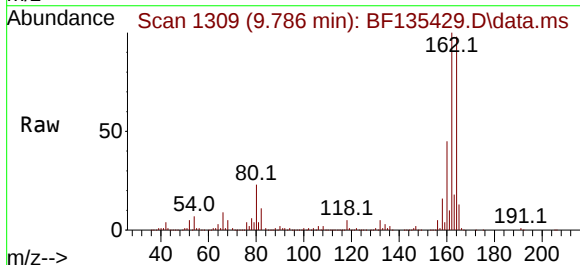
Instrument :
BNA_F
ClientSampleId :

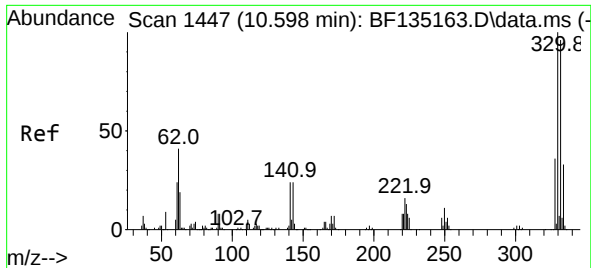
Tgt Ion: 82 Resp: 1086726
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

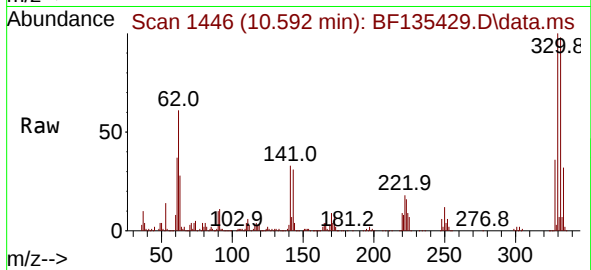
Tgt Ion: 164 Resp: 303749
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 46.4 37.0 55.4



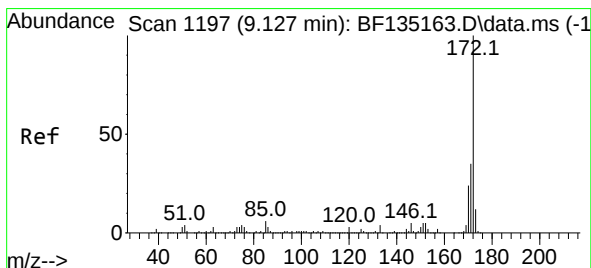
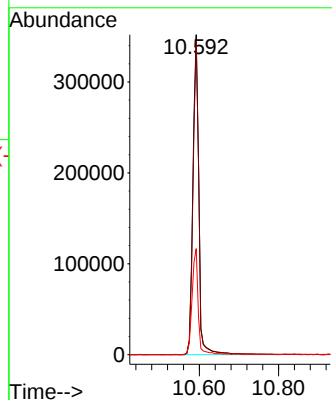
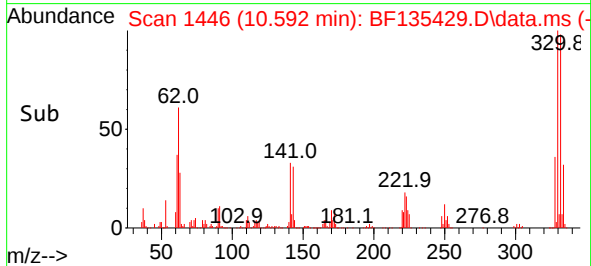


#42
 2,4,6-Tribromophenol
 Concen: 120.791 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135429.D
 Acq: 25 Sep 2023 16:19

Instrument :
 BNA_F
 ClientSampleId :

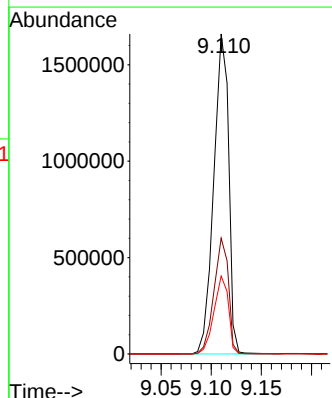
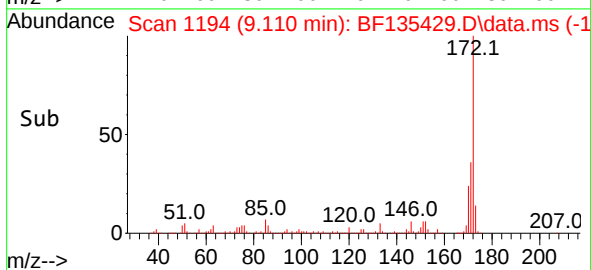
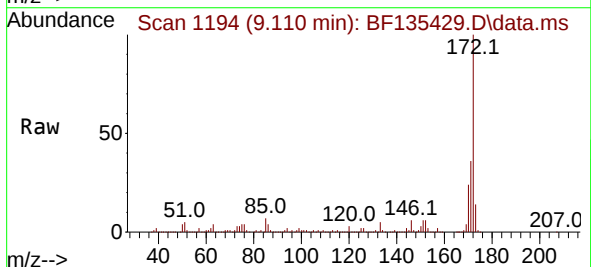


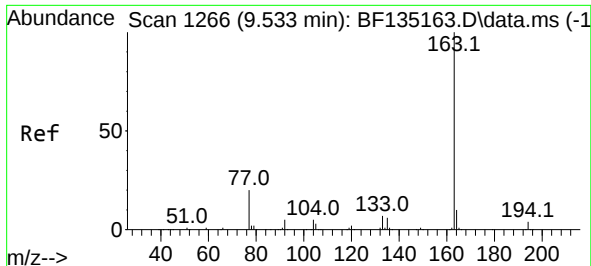
Tgt Ion:330 Resp: 364612
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 34.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 85.493 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.018 min
 Lab File: BF135429.D
 Acq: 25 Sep 2023 16:19

Tgt Ion:172 Resp: 1721225
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.4 42.6
 170 24.3 19.0 28.4

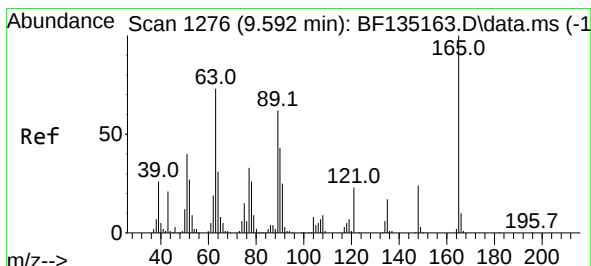
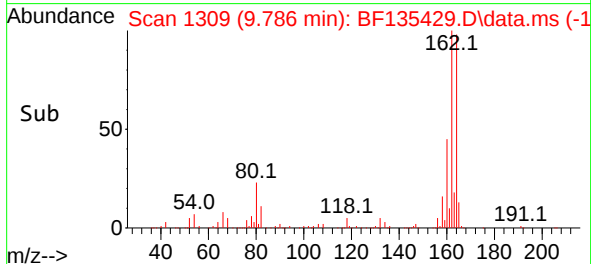
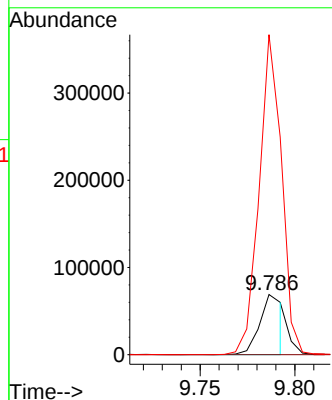
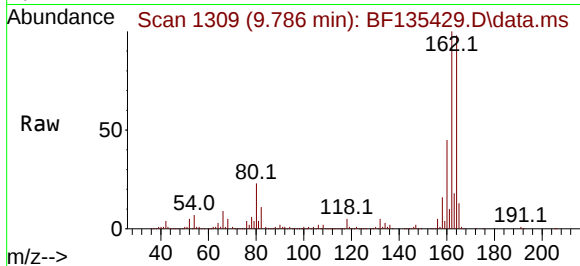




#50
Dimethylphthalate
Concen: 2.819 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

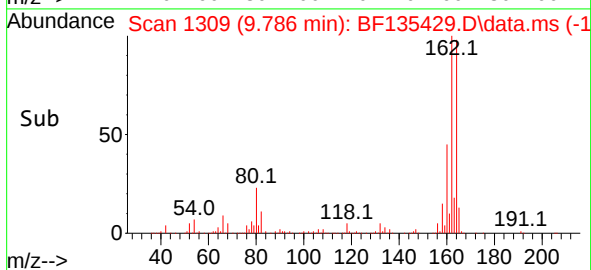
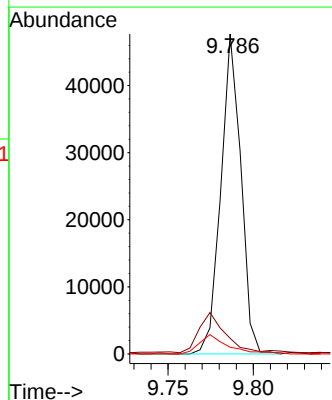
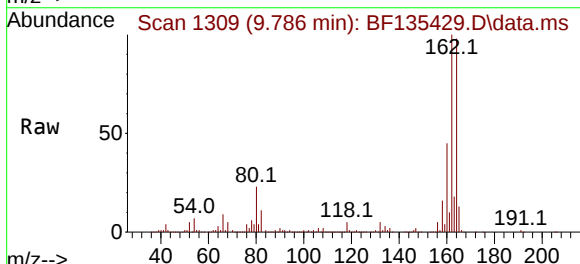
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ClientSampleId :

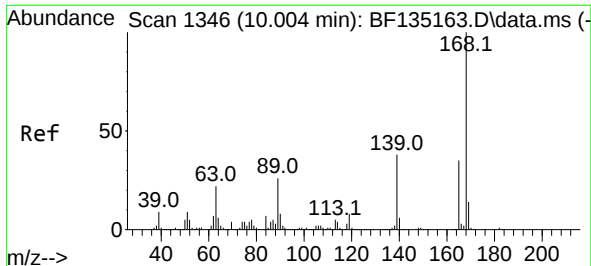
Tgt Ion:163 Resp: 57889
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 531.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.666 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.194 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

Tgt Ion:165 Resp: 38989
Ion Ratio Lower Upper
165 100
63 4.9 59.4 89.2#
89 2.1 49.8 74.8#





#57

2,4-Dinitrotoluene

Concen: 6.923 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.217 min

Lab File: BF135429.D

Acq: 25 Sep 2023 16:19

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 38989

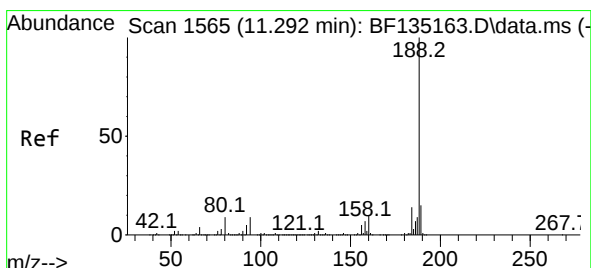
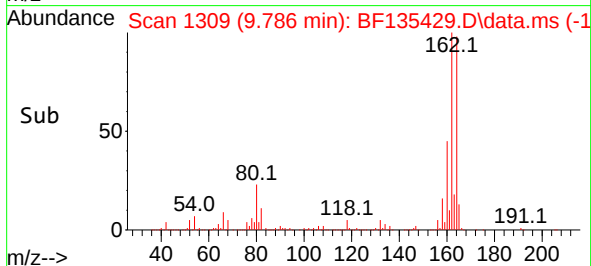
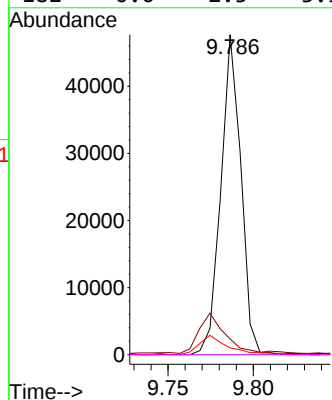
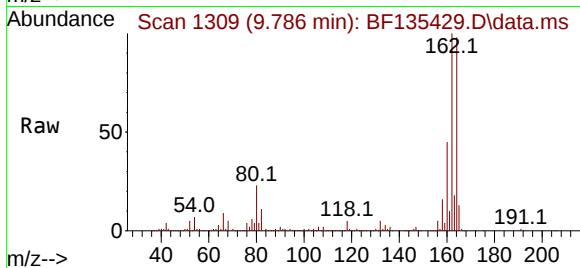
Ion Ratio Lower Upper

165 100

63 4.9 50.1 75.1#

89 2.1 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: BF135429.D

Acq: 25 Sep 2023 16:19

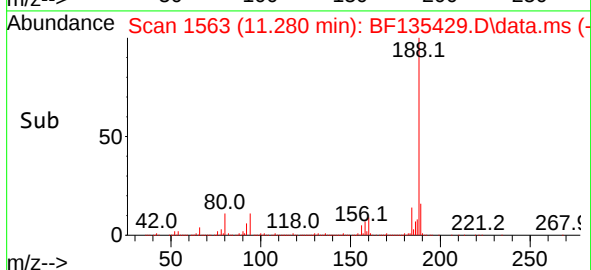
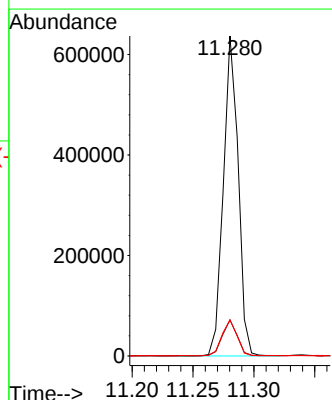
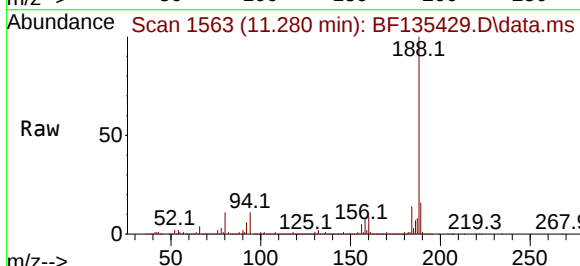
Tgt Ion:188 Resp: 541333

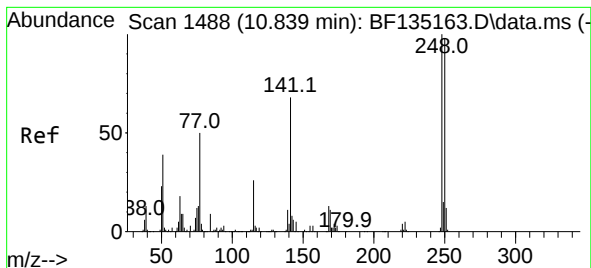
Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 11.3 7.5 11.3#

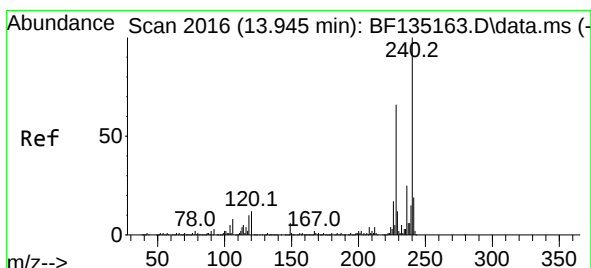
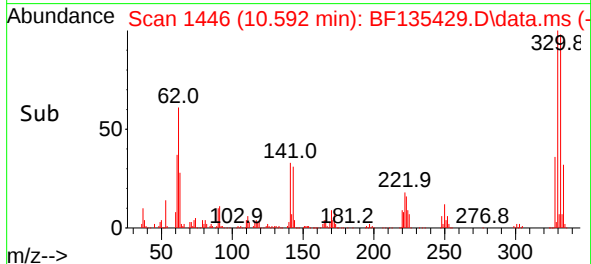
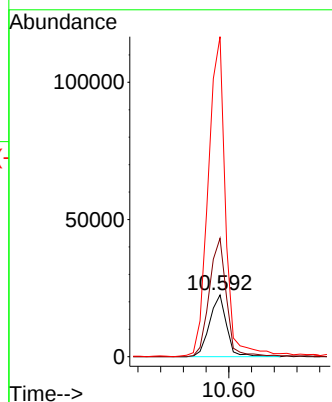
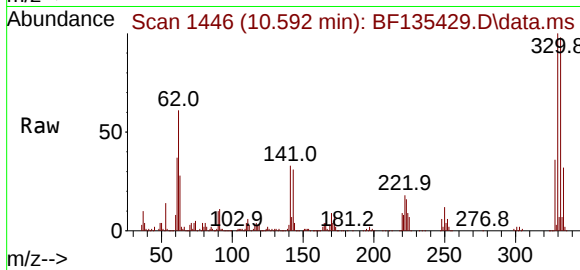




#67
4-Bromophenyl-phenylether
Concen: 4.357 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135429.D
Acq: 25 Sep 2023 16:19

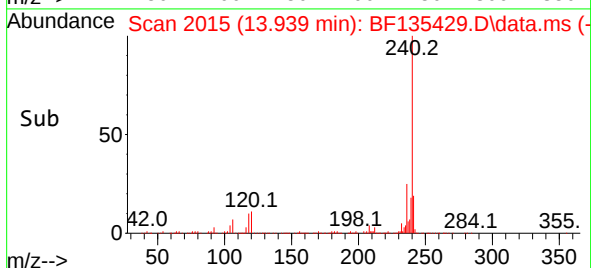
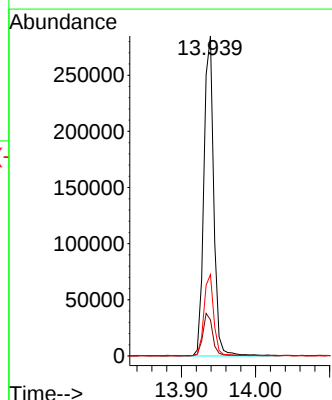
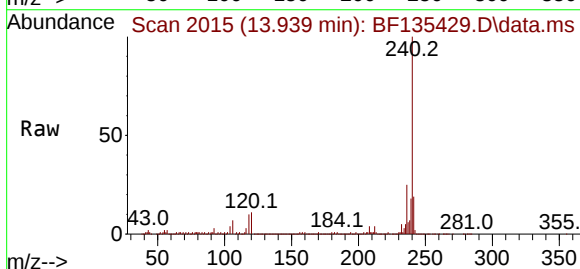
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23458
Ion Ratio Lower Upper
248 100
250 191.5 78.6 117.8#
141 518.0 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: BF135429.D
Acq: 25 Sep 2023 16:19

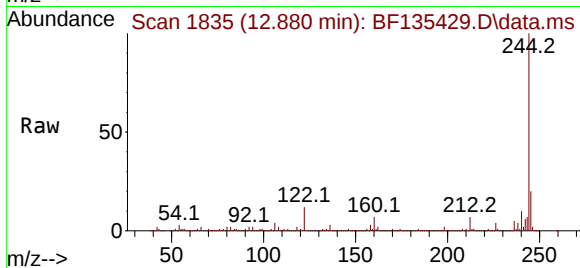
Tgt Ion:240 Resp: 263686
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.4 19.8 29.8



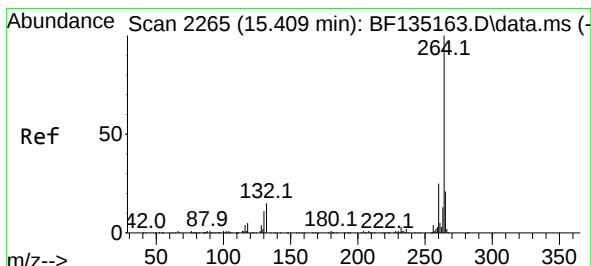
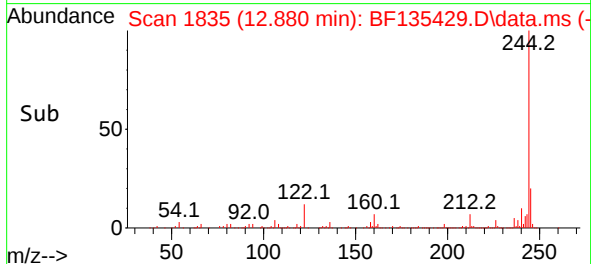
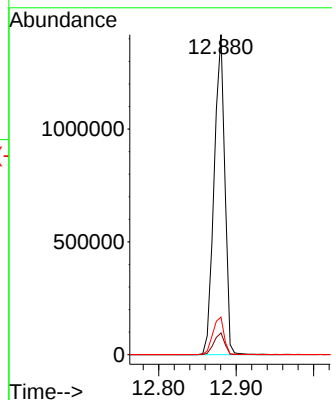


#79
 Terphenyl-d14
 Concen: 79.882 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135429.D
 Acq: 25 Sep 2023 16:19

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1358782
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 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: BF135429.D
 Acq: 25 Sep 2023 16:19

Tgt Ion:264 Resp: 318432
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.0 17.0 25.4

