

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135841.D
 Acq On : 18 Oct 2023 11:59
 Operator : CG\JU
 Sample : 04765-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-1

Quant Time: Oct 19 01:19:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

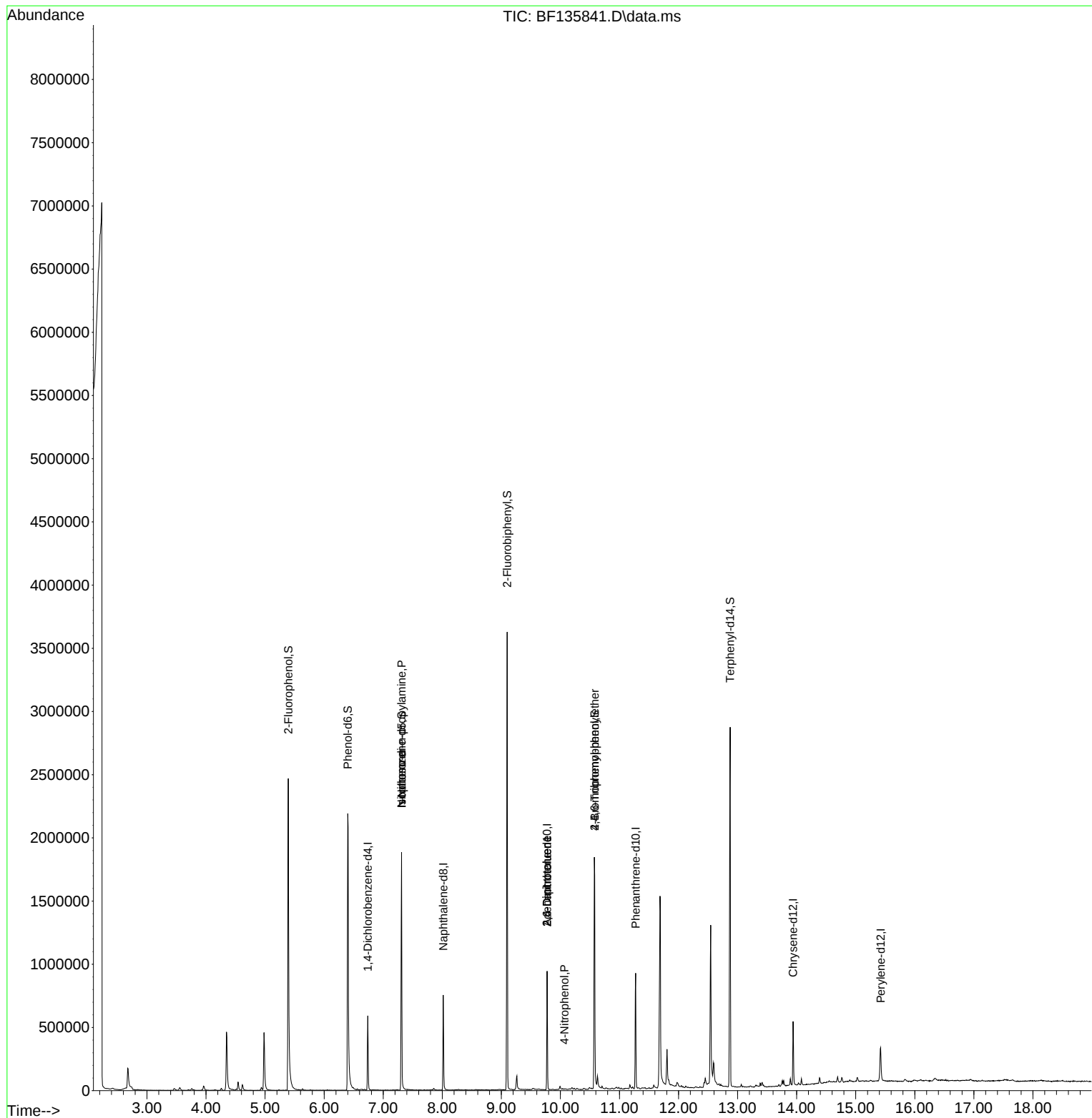
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	81666	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	303960	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	169069	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	337052	20.000	ng	0.00
76) Chrysene-d12	13.939	240	172890	20.000	ng	-0.01
86) Perylene-d12	15.422	264	137437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	751640	147.975	ng	0.02
7) Phenol-d6	6.399	99	857999	135.377	ng	0.00
23) Nitrobenzene-d5	7.310	82	539313	97.585	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	252582	155.689	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1051554	97.245	ng	0.00
79) Terphenyl-d14	12.875	244	1071966	114.824	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	72355	18.464	ng	Qvalue # 75
25) Isophorone	7.310	82	539313	51.726	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	20996	8.555	ng	# 16
56) 4-Nitrophenol	10.069	139	80	5.546	ng	# 62
57) 2,4-Dinitrotoluene	9.775	165	20996	6.724	ng	# 24
67) 4-Bromophenyl-phenylether	10.581	248	15910	4.702	ng	# 1

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

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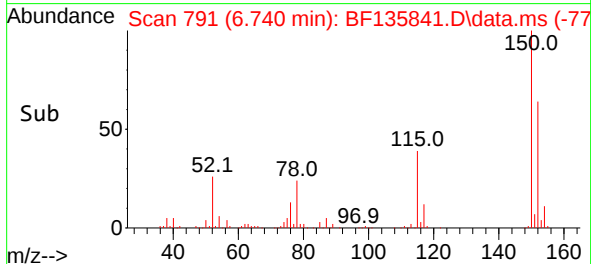
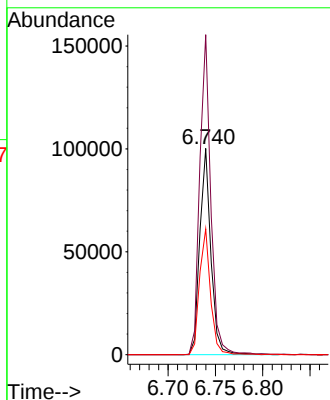
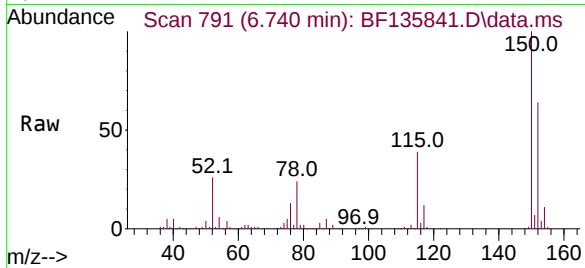




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

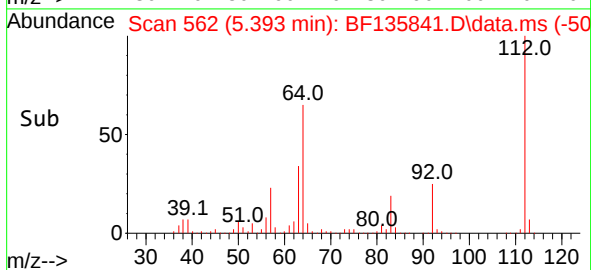
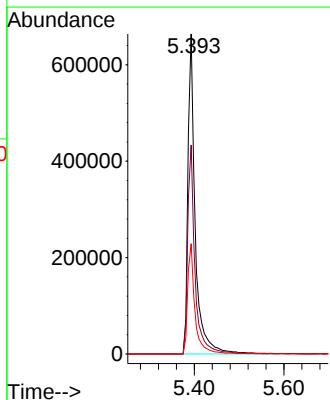
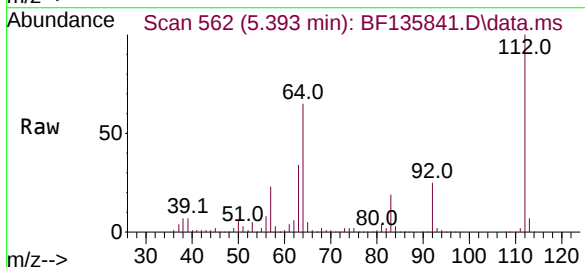
Instrument :
BNA_F
ClientSampleId :
TT-1

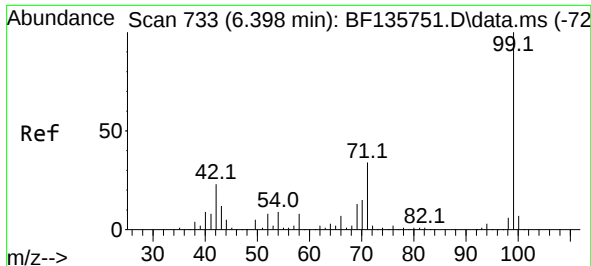
Tgt Ion:152 Resp: 81666
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 147.975 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:112 Resp: 751640
Ion Ratio Lower Upper
112 100
64 65.3 51.2 76.8
63 34.5 26.1 39.1





#7

Phenol-d6

Concen: 135.377 ng

RT: 6.399 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

Instrument :

BNA_F

ClientSampleId :

TT-1

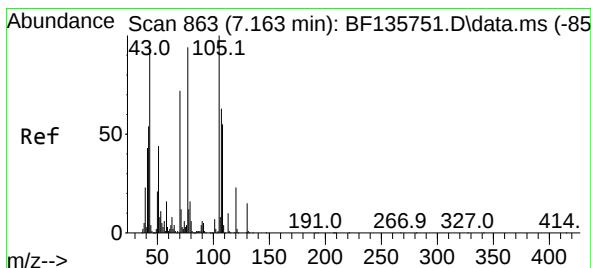
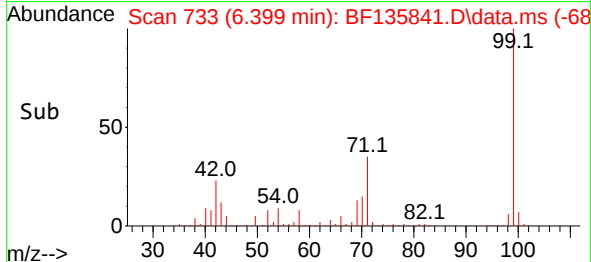
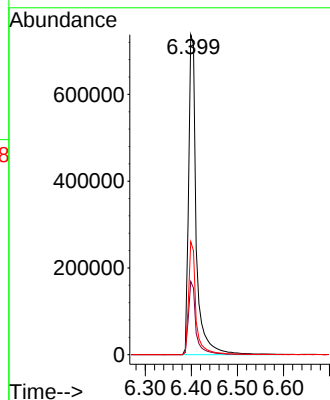
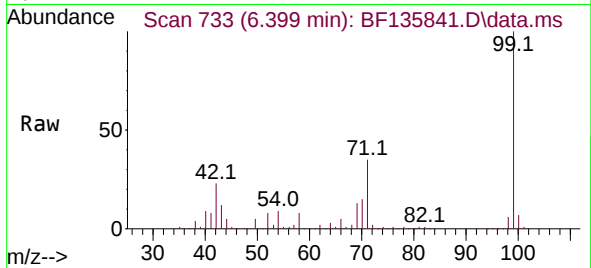
Tgt Ion: 99 Resp: 857999

Ion Ratio Lower Upper

99 100

42 22.8 18.4 27.6

71 35.3 27.2 40.8



#19

n-Nitroso-di-n-propylamine

Concen: 18.464 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.147 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

Tgt Ion: 70 Resp: 72355

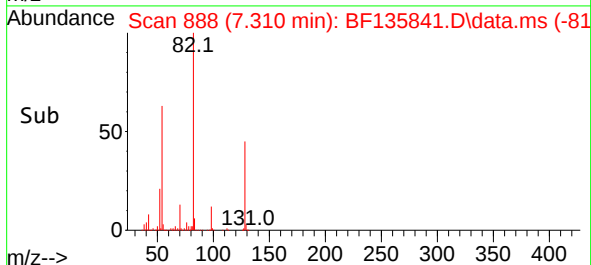
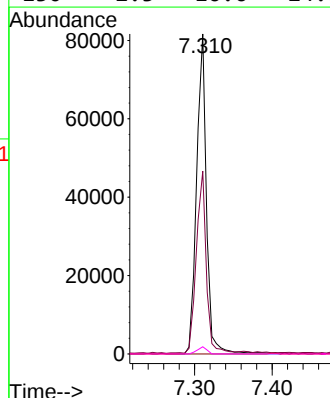
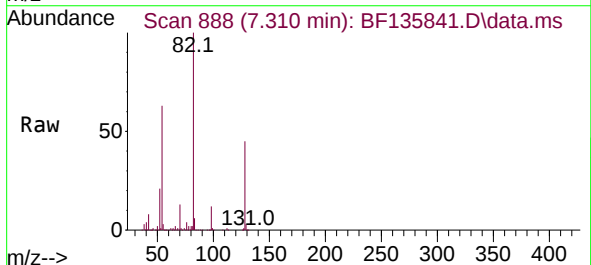
Ion Ratio Lower Upper

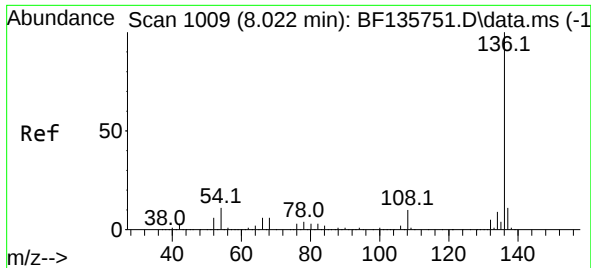
70 100

42 57.2 59.8 89.6#

101 0.0 7.4 11.2#

130 2.3 16.6 24.8#

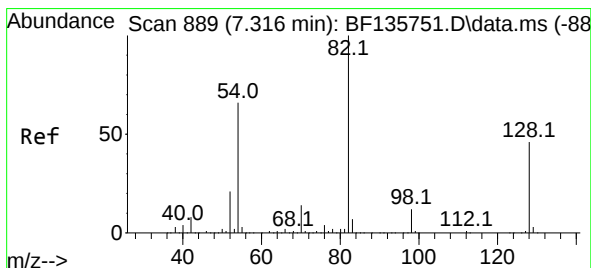
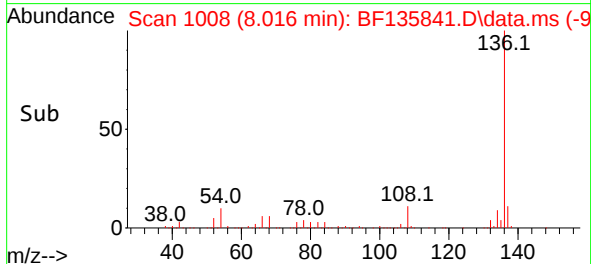
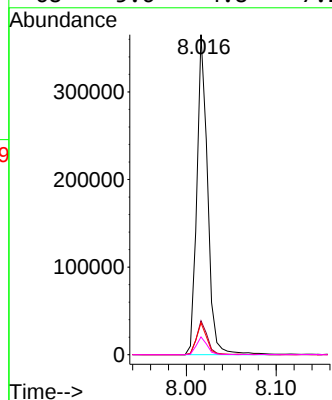
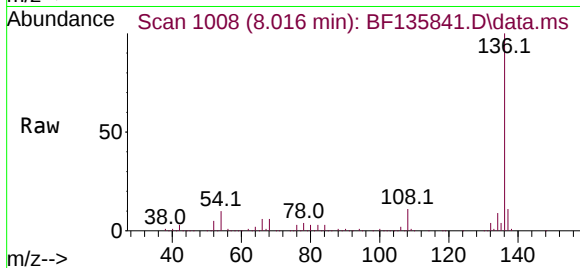




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

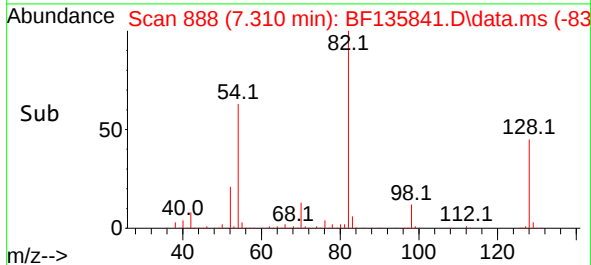
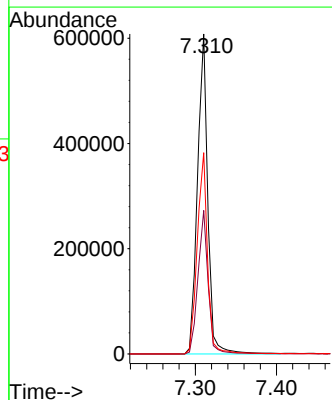
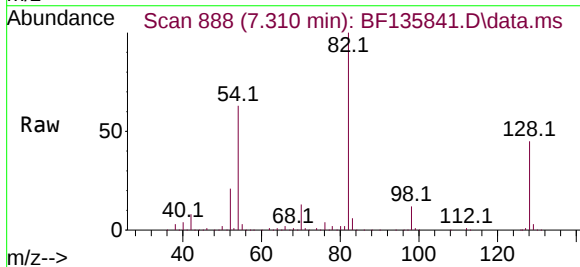
Instrument :
BNA_F
ClientSampleId :
TT-1

Tgt Ion:	136	Resp:	303960
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	9.9	8.5	12.7
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 97.585 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:	82	Resp:	539313
Ion Ratio	Lower	Upper	
82	100		
128	44.9	37.0	55.6
54	62.9	52.8	79.2

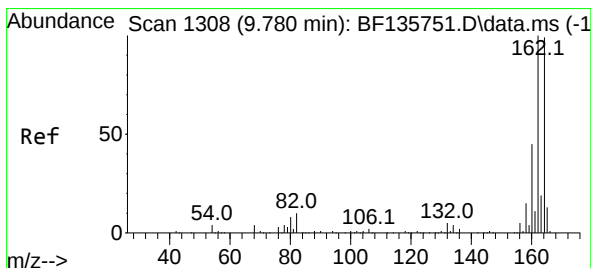
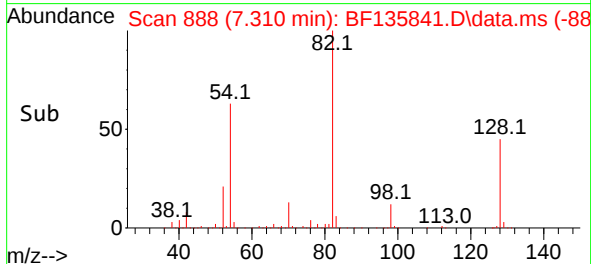
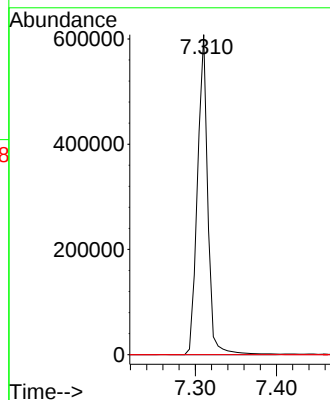
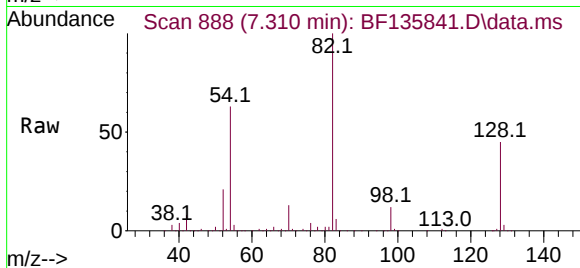




#25
Isophorone
Concen: 51.726 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

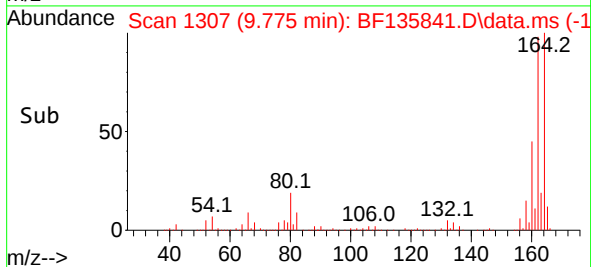
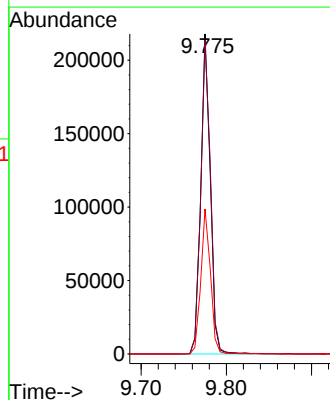
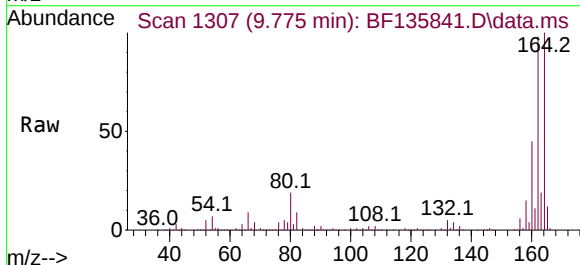
Instrument :
BNA_F
ClientSampleId :
TT-1

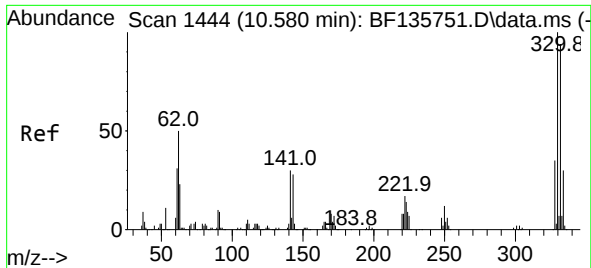
Tgt Ion: 82 Resp: 539313
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:164 Resp: 169069
Ion Ratio Lower Upper
164 100
162 98.1 80.8 121.2
160 45.3 36.6 54.8

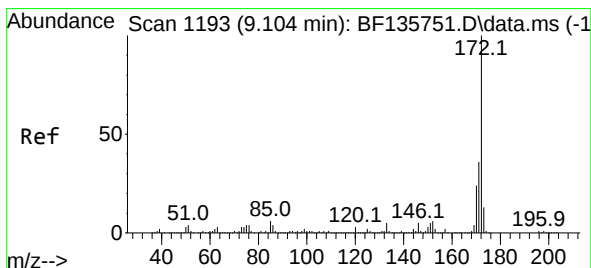
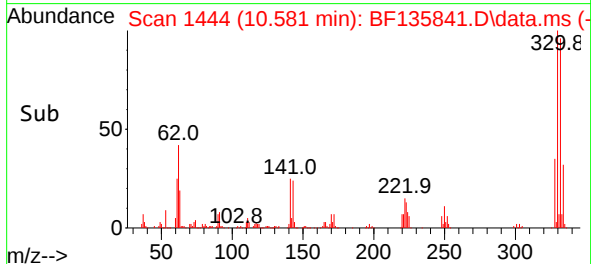
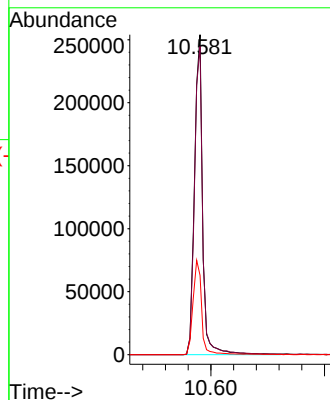
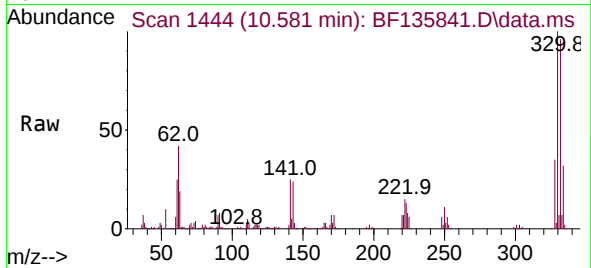




#42
2,4,6-Tribromophenol
Concen: 155.689 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

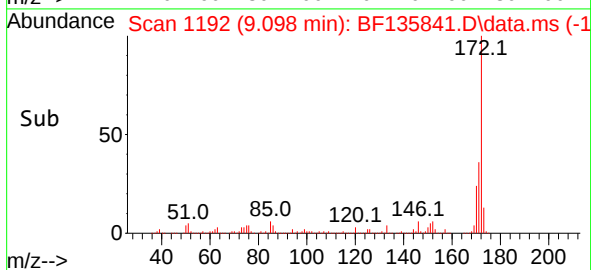
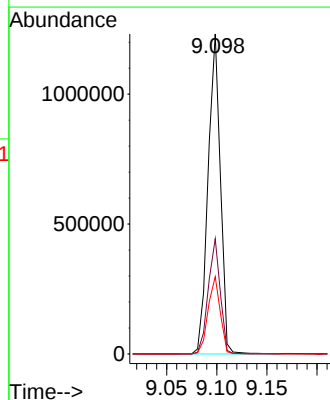
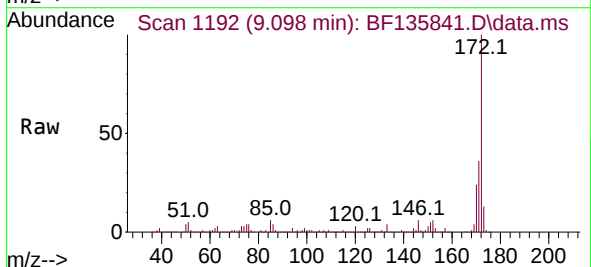
Instrument :
BNA_F
ClientSampleId :
TT-1

Tgt Ion:330 Resp: 252582
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.4
141 31.2 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 97.245 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:172 Resp: 1051554
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.555 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

Instrument :

BNA_F

ClientSampleId :

TT-1

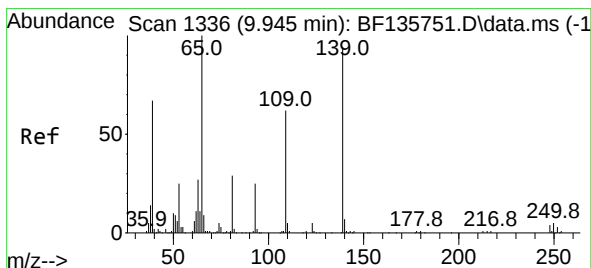
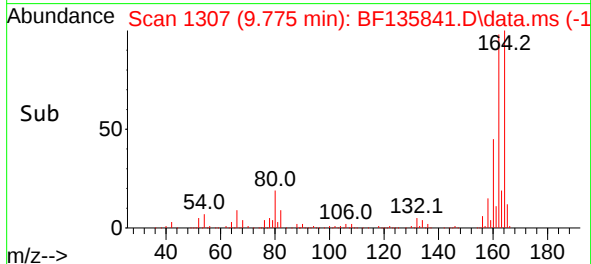
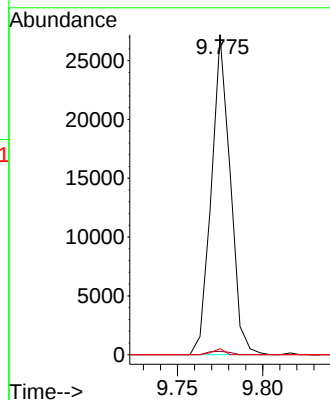
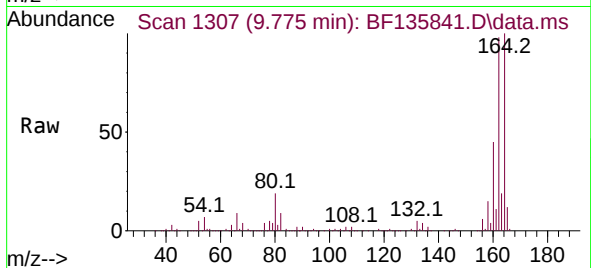
Tgt Ion:165 Resp: 20996

Ion Ratio Lower Upper

165 100

63 1.1 62.2 93.4#

89 1.9 49.6 74.4#



#56

4-Nitrophenol

Concen: 5.546 ng

RT: 10.069 min Scan# 1357

Delta R.T. 0.124 min

Lab File: BF135841.D

Acq: 18 Oct 2023 11:59

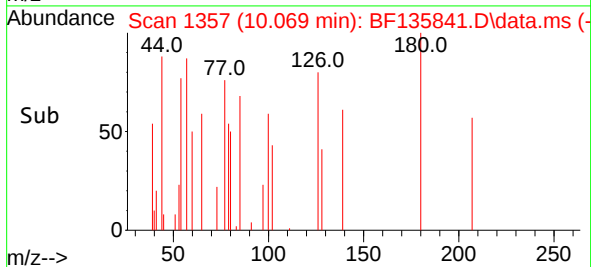
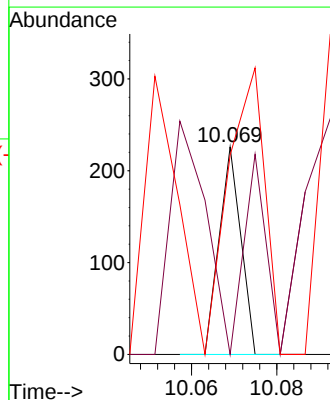
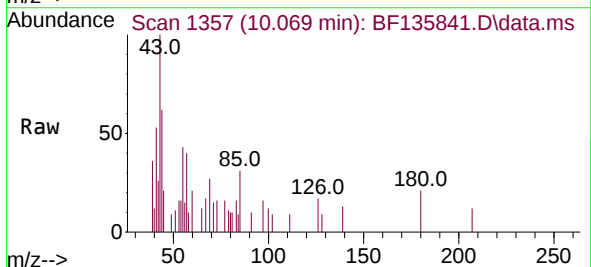
Tgt Ion:139 Resp: 80

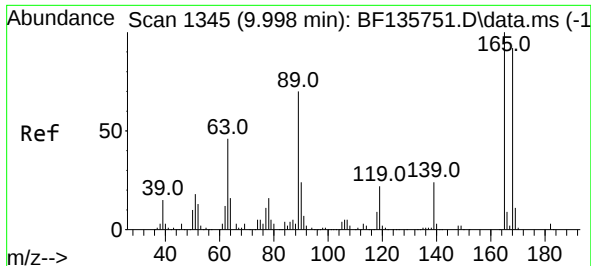
Ion Ratio Lower Upper

139 100

109 0.0 45.6 85.6#

65 96.0 87.5 127.5

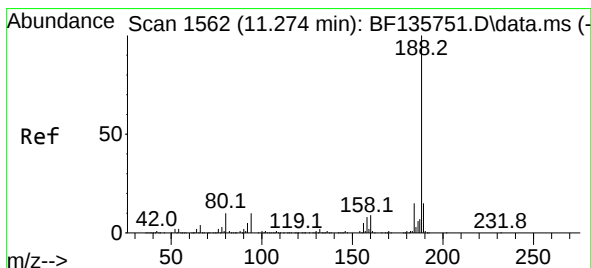
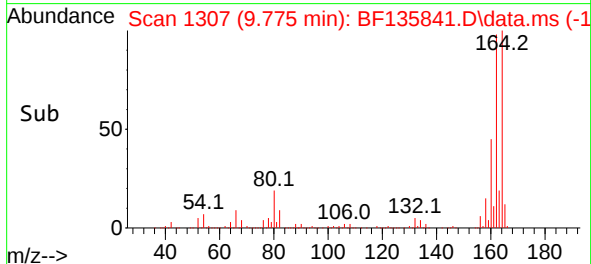
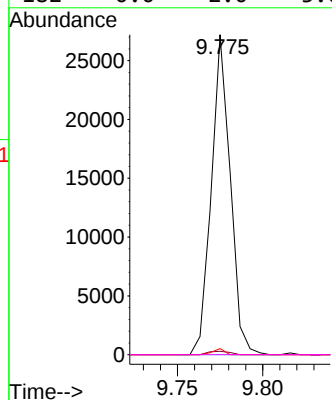
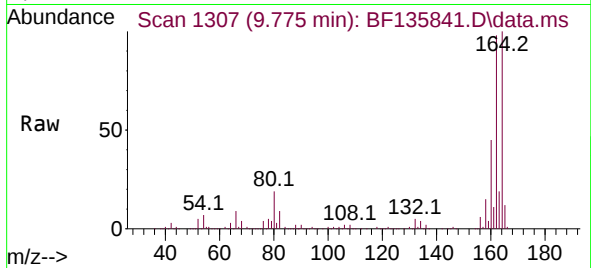




#57
2,4-Dinitrotoluene
Concen: 6.724 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

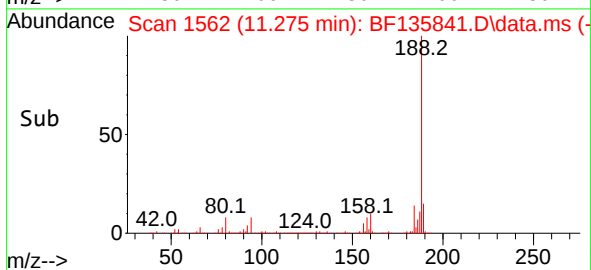
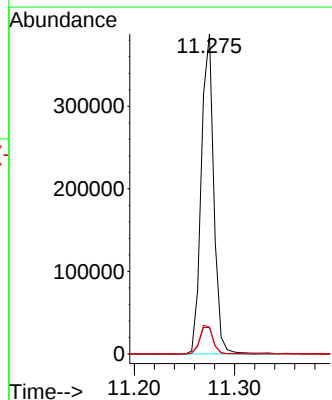
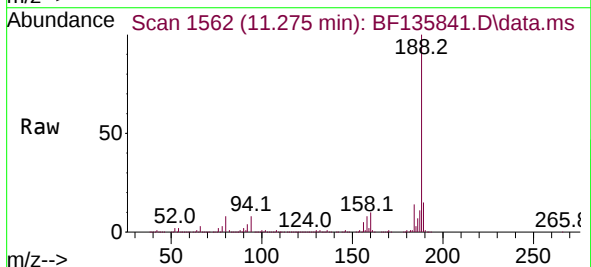
Instrument :
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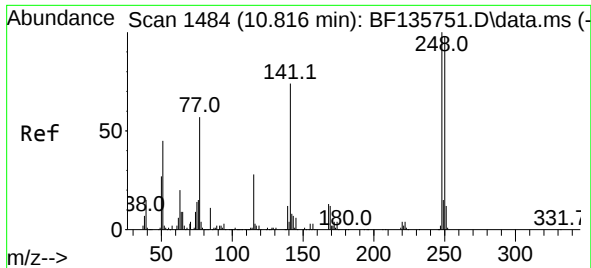
Tgt Ion:165 Resp: 20996
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.4#
89 1.9 55.9 83.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

Tgt Ion:188 Resp: 337052
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.4 8.3 12.5

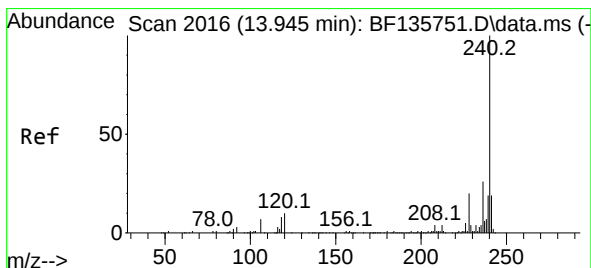
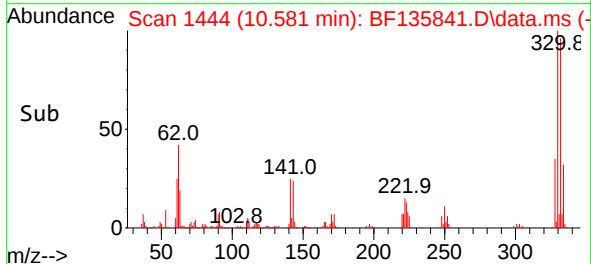
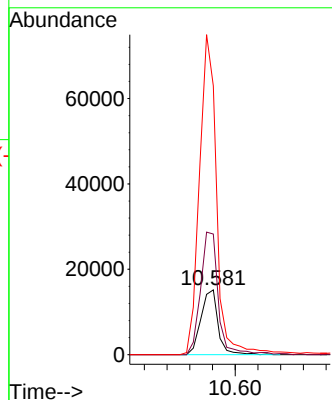
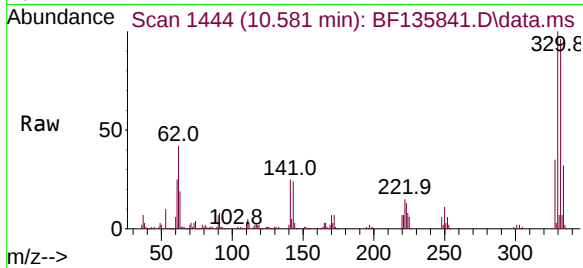




#67
4-Bromophenyl-phenylether
Concen: 4.702 ng
RT: 10.581 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

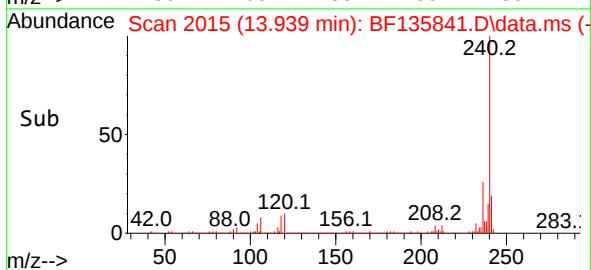
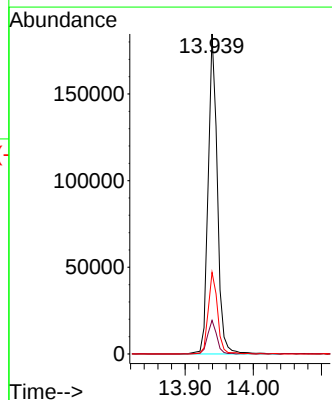
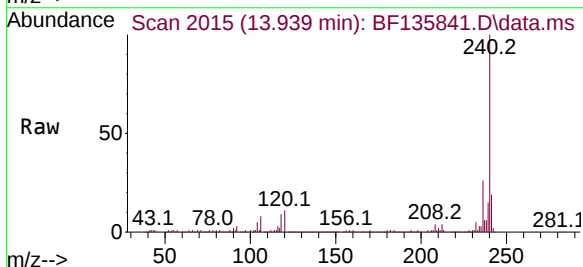
Instrument :
BNA_F
ClientSampleId :
TT-1

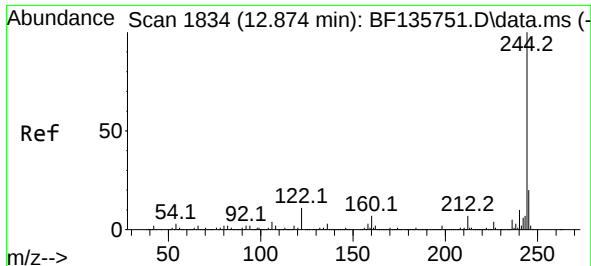
Tgt Ion:248 Resp: 15910
Ion Ratio Lower Upper
248 100
250 186.2 78.0 117.0#
141 414.7 59.0 88.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135841.D
Acq: 18 Oct 2023 11:59

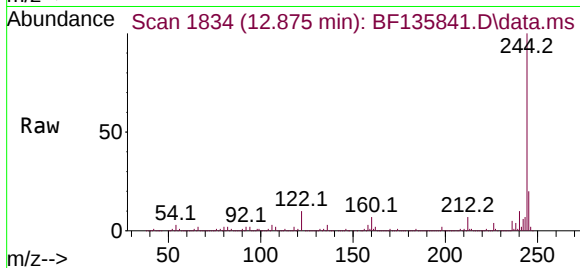
Tgt Ion:240 Resp: 172890
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.5 21.2 31.8





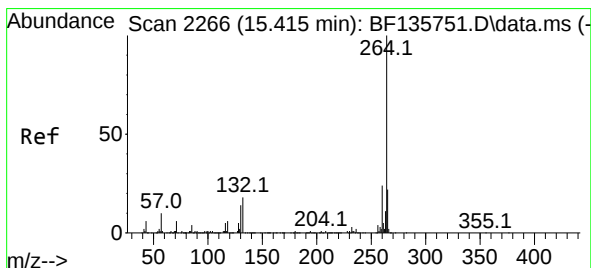
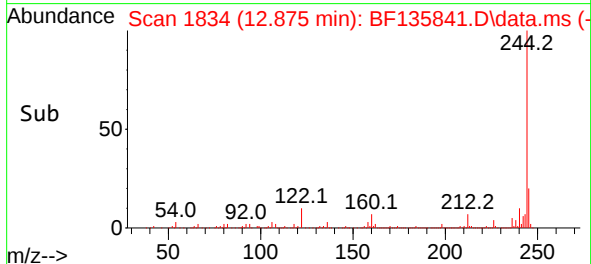
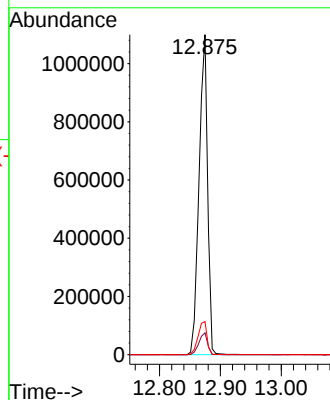
#79
 Terphenyl-d14
 Concen: 114.824 ng
 RT: 12.875 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135841.D
 Acq: 18 Oct 2023 11:59

Instrument :
 BNA_F
 ClientSampleId :
 TT-1



Tgt Ion:244 Resp: 1071966

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	9.0	13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.422 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF135841.D
 Acq: 18 Oct 2023 11:59

Tgt Ion:264 Resp: 137437

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.8	17.4	26.2

