

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133435.D
 Acq On : 18 May 2023 11:54
 Operator : CG\JU
 Sample : PB152839TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152839TB

Quant Time: May 18 13:25:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

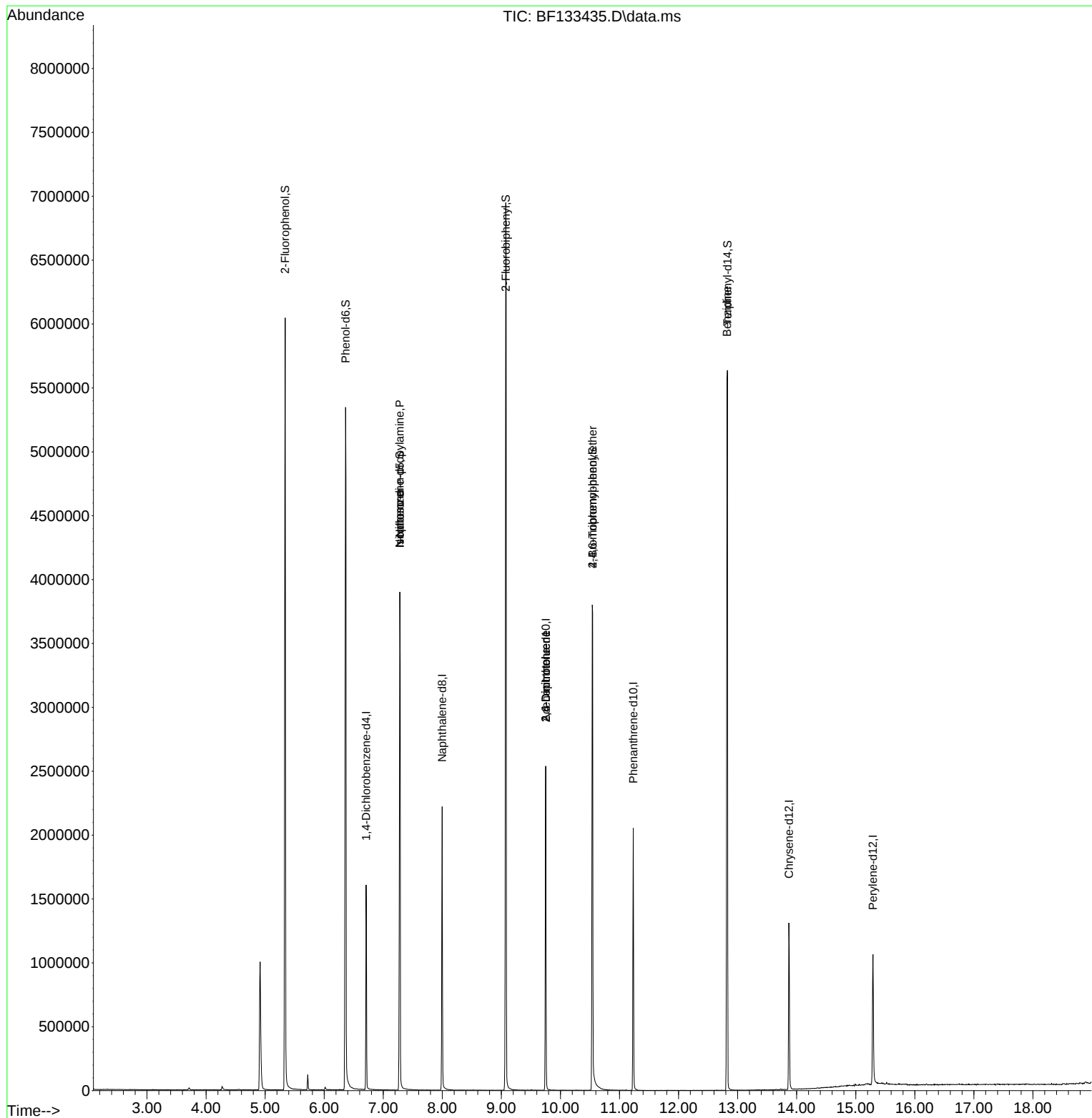
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	232765	20.000	ng	-0.01
21) Naphthalene-d8	7.998	136	944748	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	490290	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	735685	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	458848	20.000	ng	-0.02
86) Perylene-d12	15.292	264	445880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1873912	121.614	ng	0.00
7) Phenol-d6	6.363	99	2297937	120.151	ng	0.00
23) Nitrobenzene-d5	7.281	82	1424782	81.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	582849	118.206	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	2452395	83.682	ng	-0.01
79) Terphenyl-d14	12.827	244	2397059	90.098	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.257	77	122	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	187311	15.732	ng	# 75
25) Isophorone	7.281	82	1421902	42.787	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	64849	8.428	ng	# 24
57) 2,4-Dinitrotoluene	9.751	165	64849	6.609	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	37535	4.704	ng	# 1
77) Benizidine	12.821	184	25829	3.329	ng	# 91

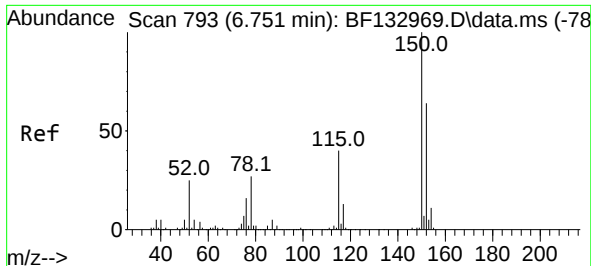
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 13:25:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

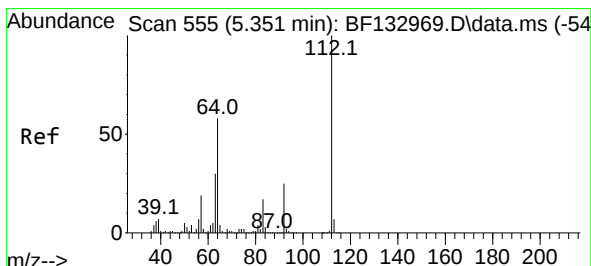
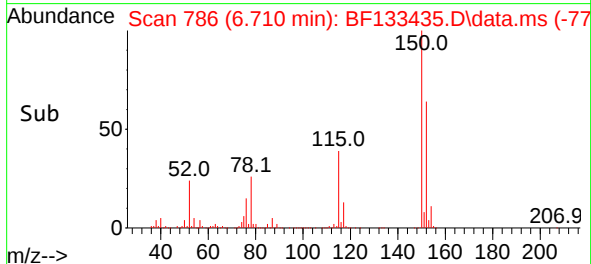
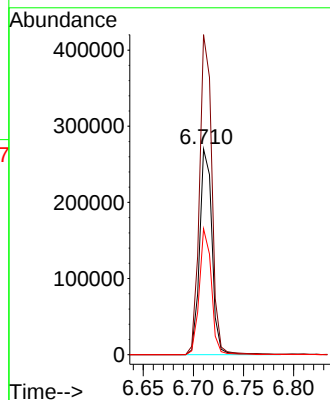
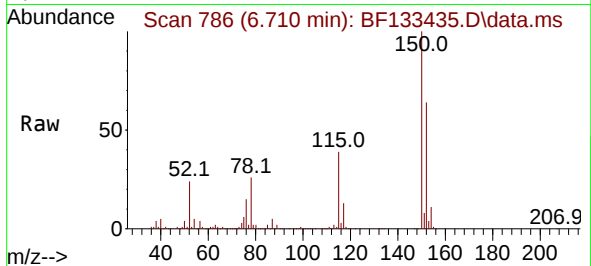




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.710 min Scan# 793
 Delta R.T. -0.012 min
 Lab File: BF133435.D
 Acq: 18 May 2023 11:54

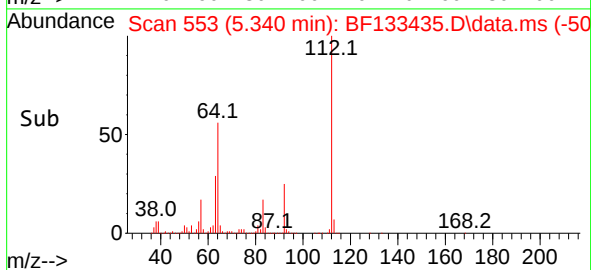
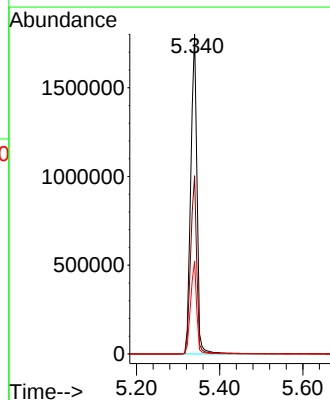
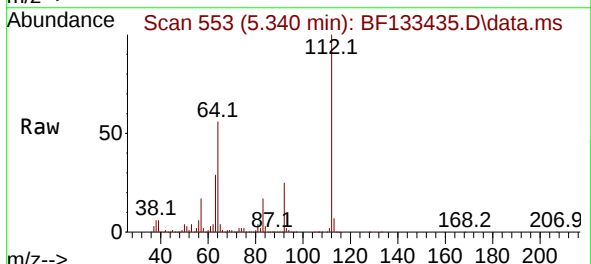
Instrument :
 BNA_F
 ClientSampleId :
 PB152839TB

Tgt Ion:152 Resp: 232765
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.8 187.2
 115 61.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.614 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133435.D
 Acq: 18 May 2023 11:54

Tgt Ion:112 Resp: 1873912
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.8 70.2
 63 29.1 23.8 35.8

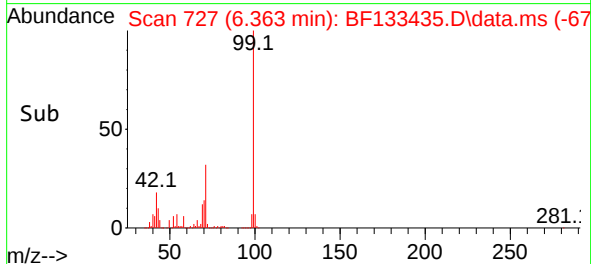
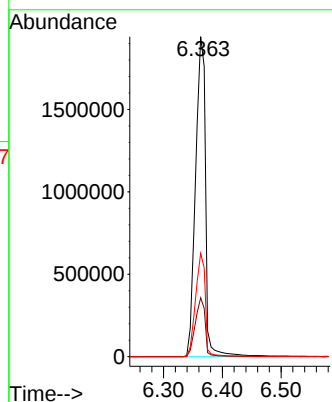
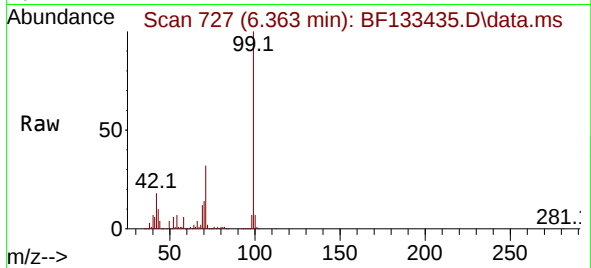




#7
Phenol-d6
Concen: 120.151 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

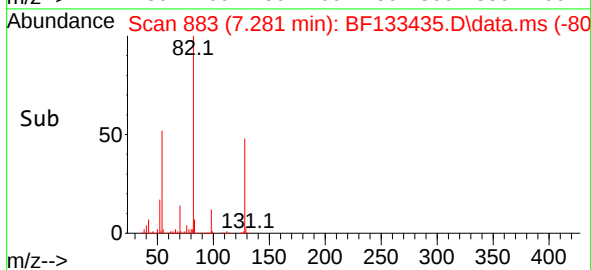
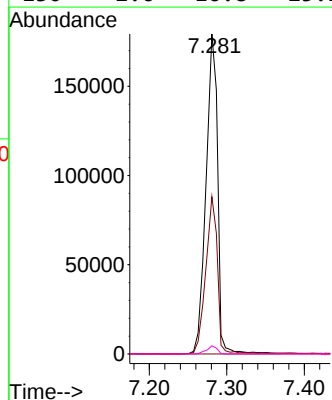
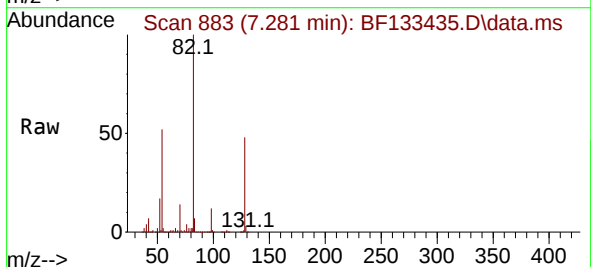
Instrument :
BNA_F
ClientSampleId :
PB152839TB

Tgt Ion: 99 Resp: 2297937
Ion Ratio Lower Upper
99 100
42 18.4 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.732 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion: 70 Resp: 187311
Ion Ratio Lower Upper
70 100
42 49.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#

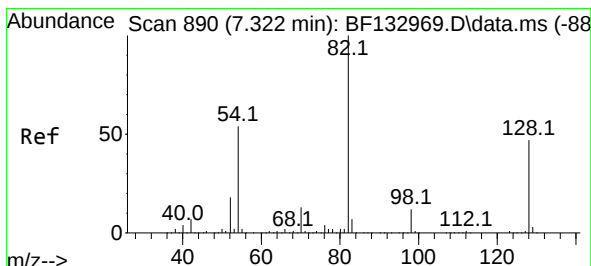
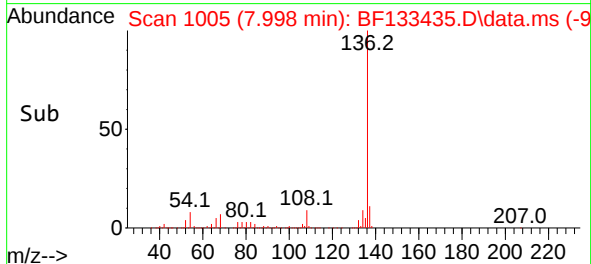
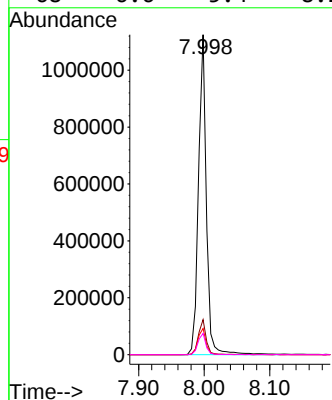
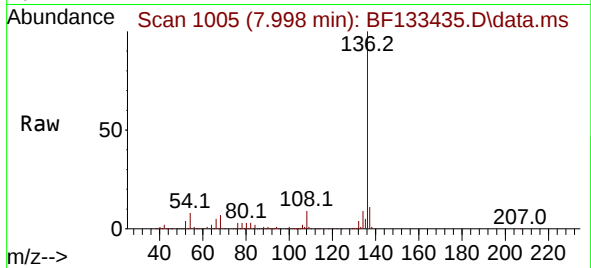




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

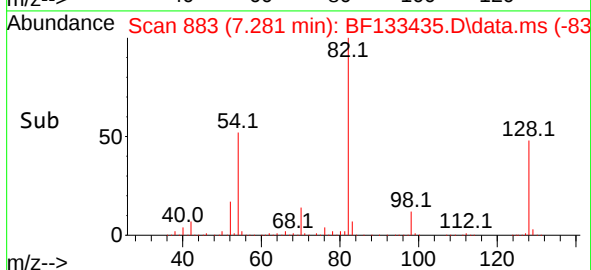
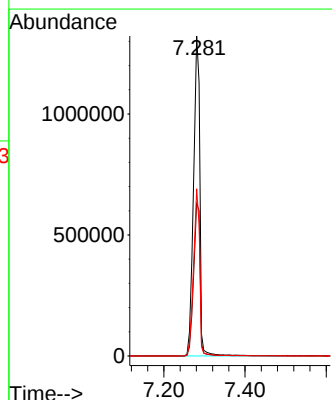
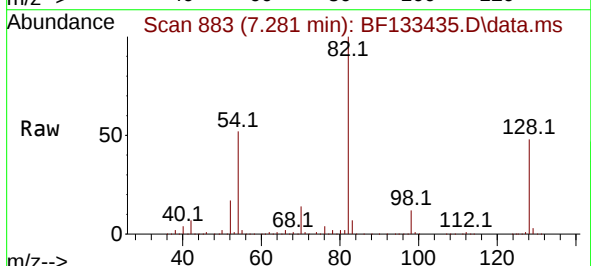
Instrument :
BNA_F
ClientSampleId :
PB152839TB

Tgt Ion:136 Resp: 944748
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 81.403 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion: 82 Resp: 1424782
Ion Ratio Lower Upper
82 100
128 47.7 37.7 56.5
54 52.2 43.0 64.4

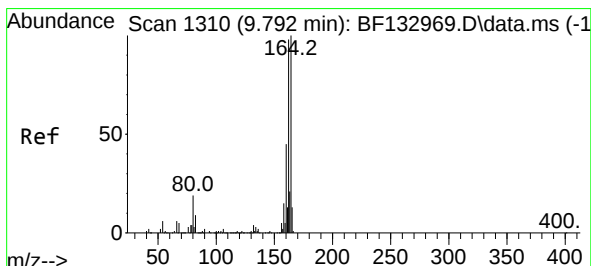
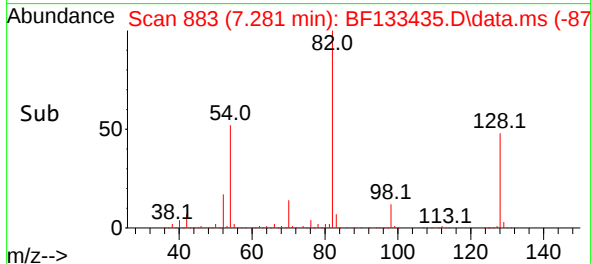
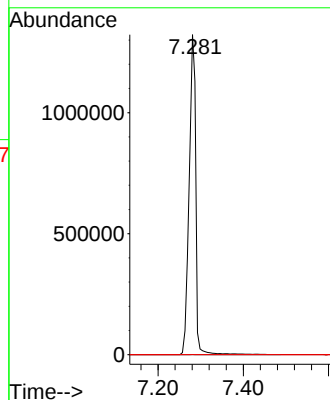
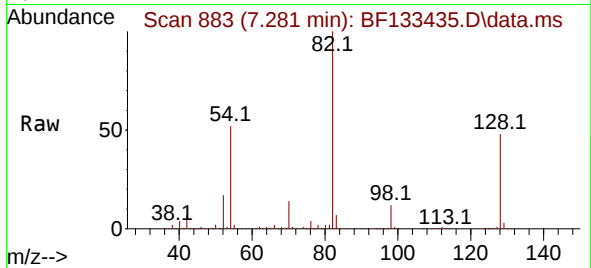




#25
Isophorone
Concen: 42.787 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

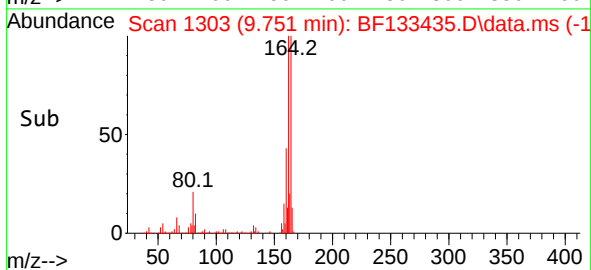
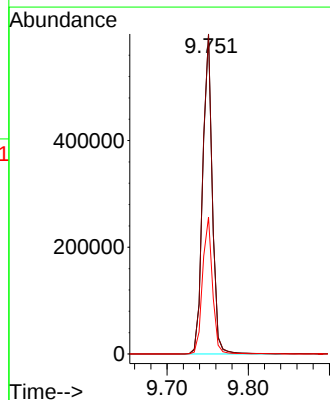
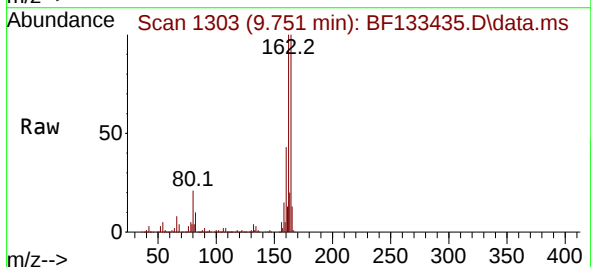
Instrument :
BNA_F
ClientSampleId :
PB152839TB

Tgt Ion: 82 Resp: 1421902
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion:164 Resp: 490290
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 42.7 35.8 53.6

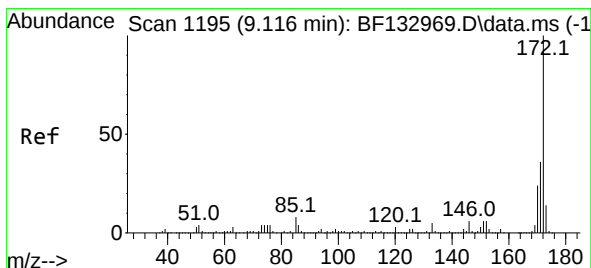
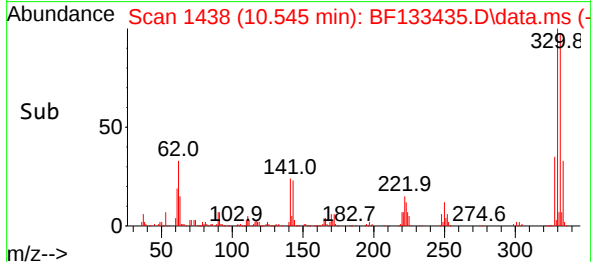
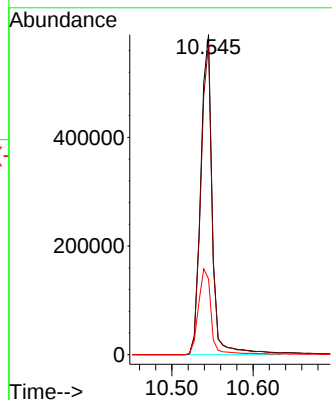
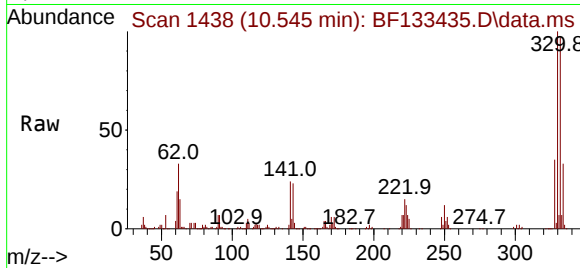




#42
2,4,6-Tribromophenol
Concen: 118.206 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

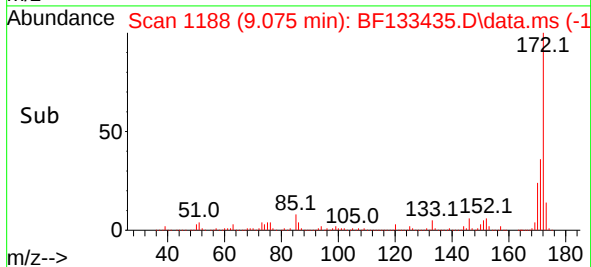
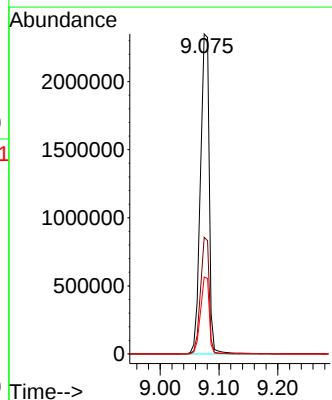
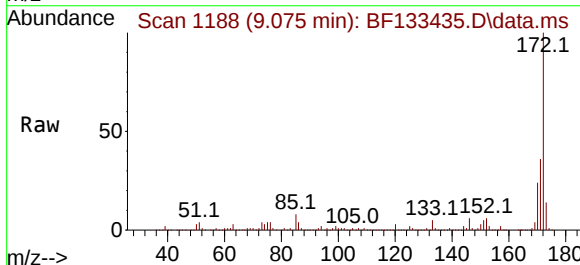
Instrument :
BNA_F
ClientSampleId :
PB152839TB

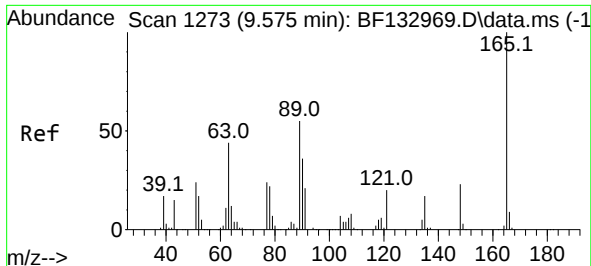
Tgt Ion:330 Resp: 582849
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 30.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.682 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion:172 Resp: 2452395
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 19.4 29.2

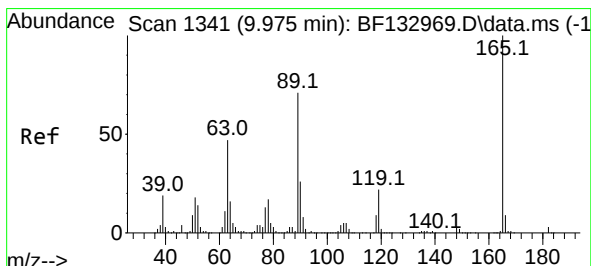
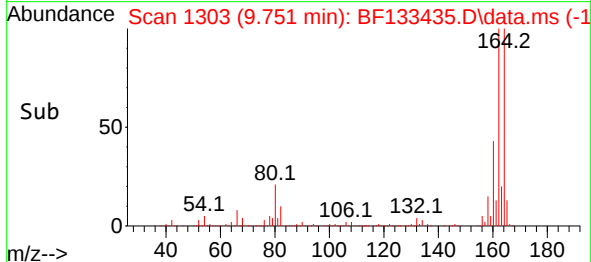
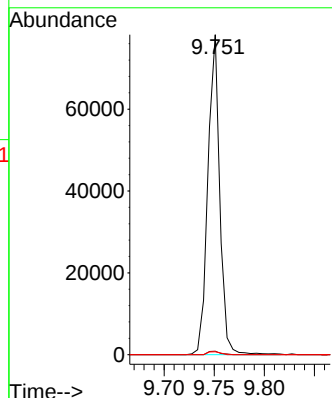
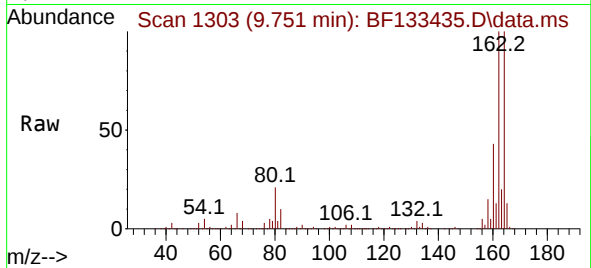




#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

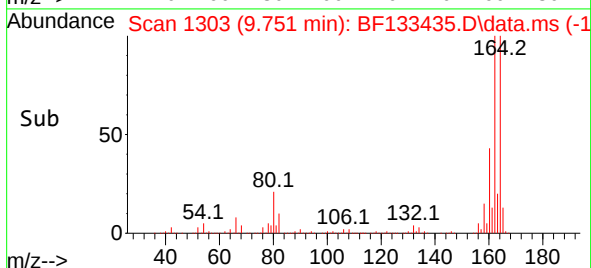
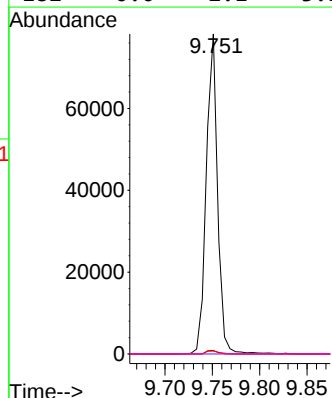
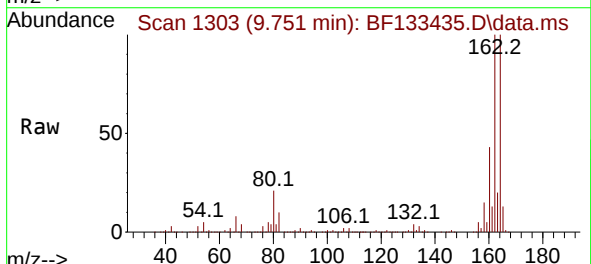
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ClientSampleId :
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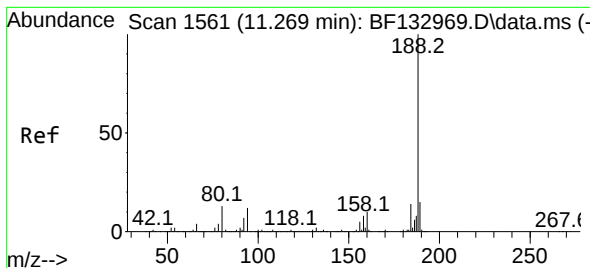
Tgt Ion:165 Resp: 64849
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 0.9 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.206 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion:165 Resp: 64849
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133435.D

Acq: 18 May 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB152839TB

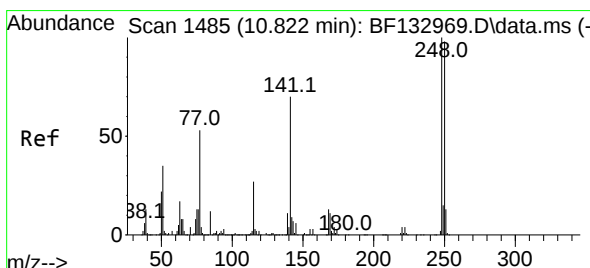
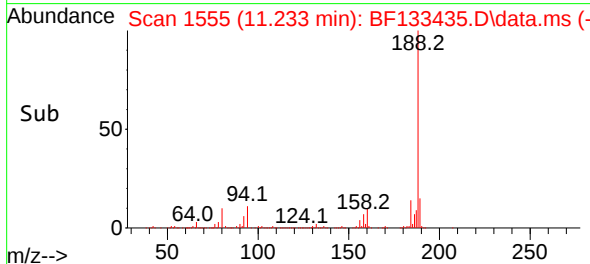
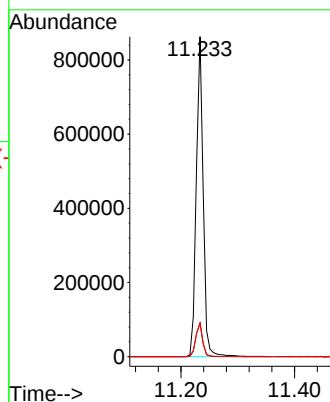
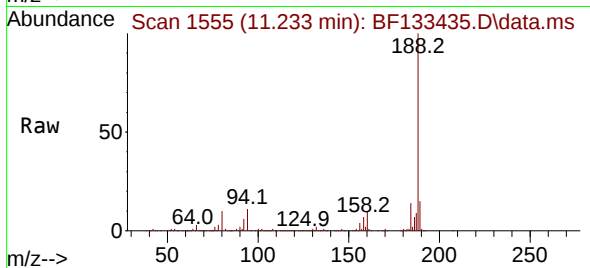
Tgt Ion:188 Resp: 735685

Ion Ratio Lower Upper

188 100

94 10.5 9.7 14.5

80 10.4 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.704 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133435.D

Acq: 18 May 2023 11:54

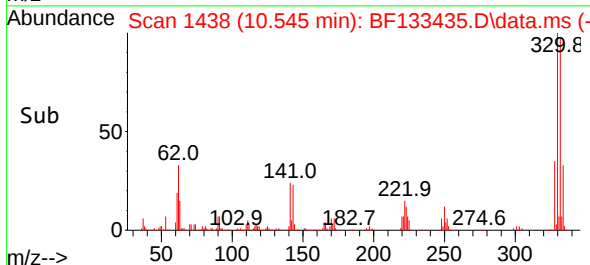
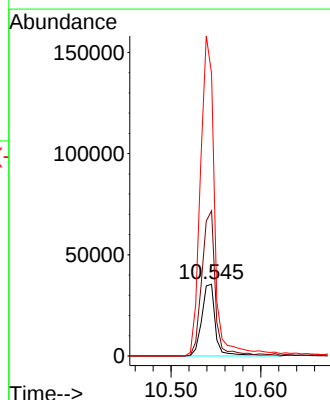
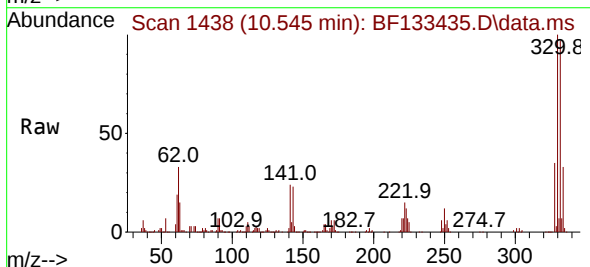
Tgt Ion:248 Resp: 37535

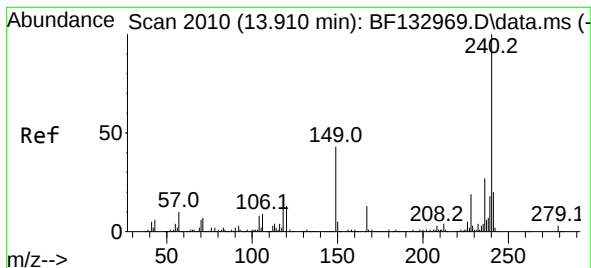
Ion Ratio Lower Upper

248 100

250 202.7 78.7 118.1#

141 394.3 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF133435.D

Acq: 18 May 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB152839TB

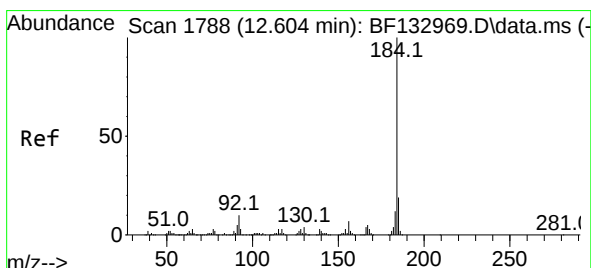
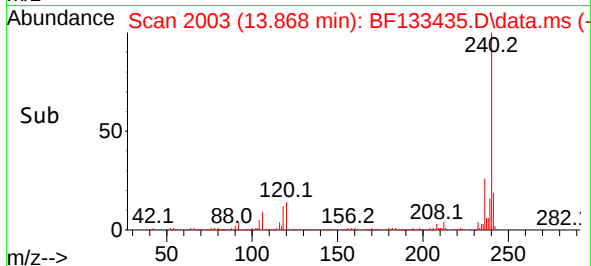
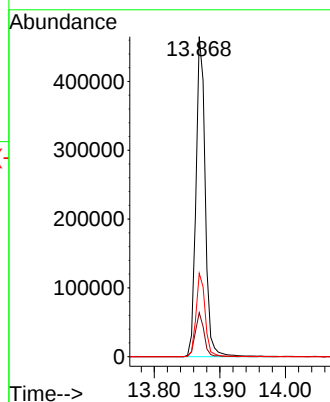
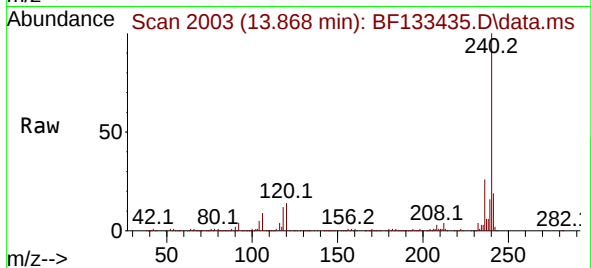
Tgt Ion:240 Resp: 458848

Ion Ratio Lower Upper

240 100

120 13.7 10.5 15.7

236 26.1 21.5 32.3



#77

Benzidine

Concen: 3.329 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.241 min

Lab File: BF133435.D

Acq: 18 May 2023 11:54

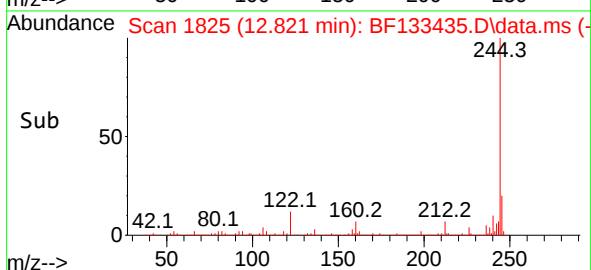
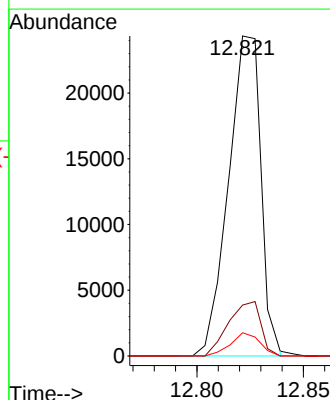
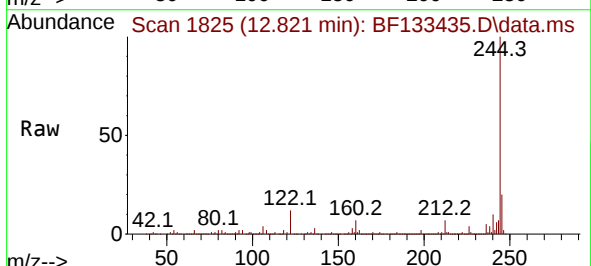
Tgt Ion:184 Resp: 25829

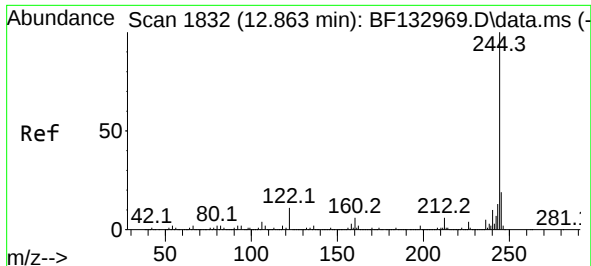
Ion Ratio Lower Upper

184 100

185 15.9 15.4 23.2

183 7.3 9.4 14.0#

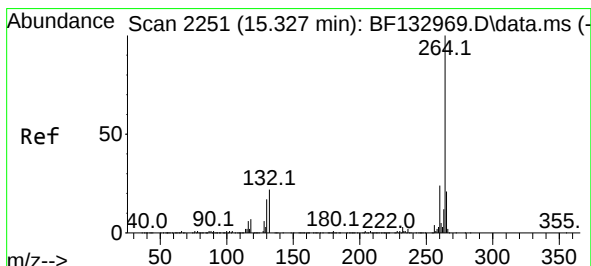
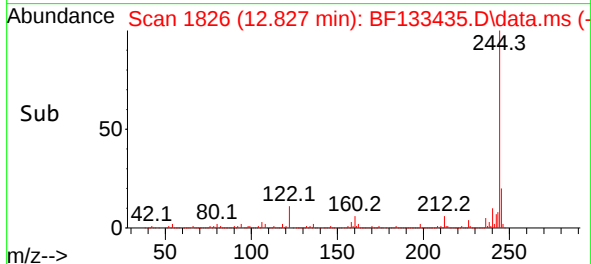
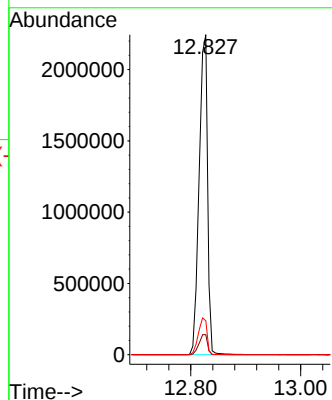
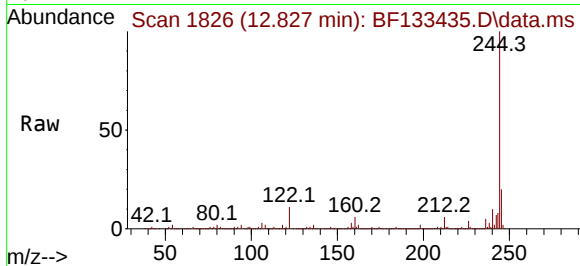




#79
 Terphenyl-d14
 Concen: 90.098 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133435.D
 Acq: 18 May 2023 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB152839TB

Tgt Ion:244 Resp: 2397059
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 10.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF133435.D
 Acq: 18 May 2023 11:54

Tgt Ion:264 Resp: 445880
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.3 17.0 25.4

