

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133339.D
 Acq On : 10 May 2023 19:37
 Operator : CG\JU
 Sample : 02665-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-01

Quant Time: May 11 03:42:38 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 09 04:59:36 2023
 Response via : Initial Calibration

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

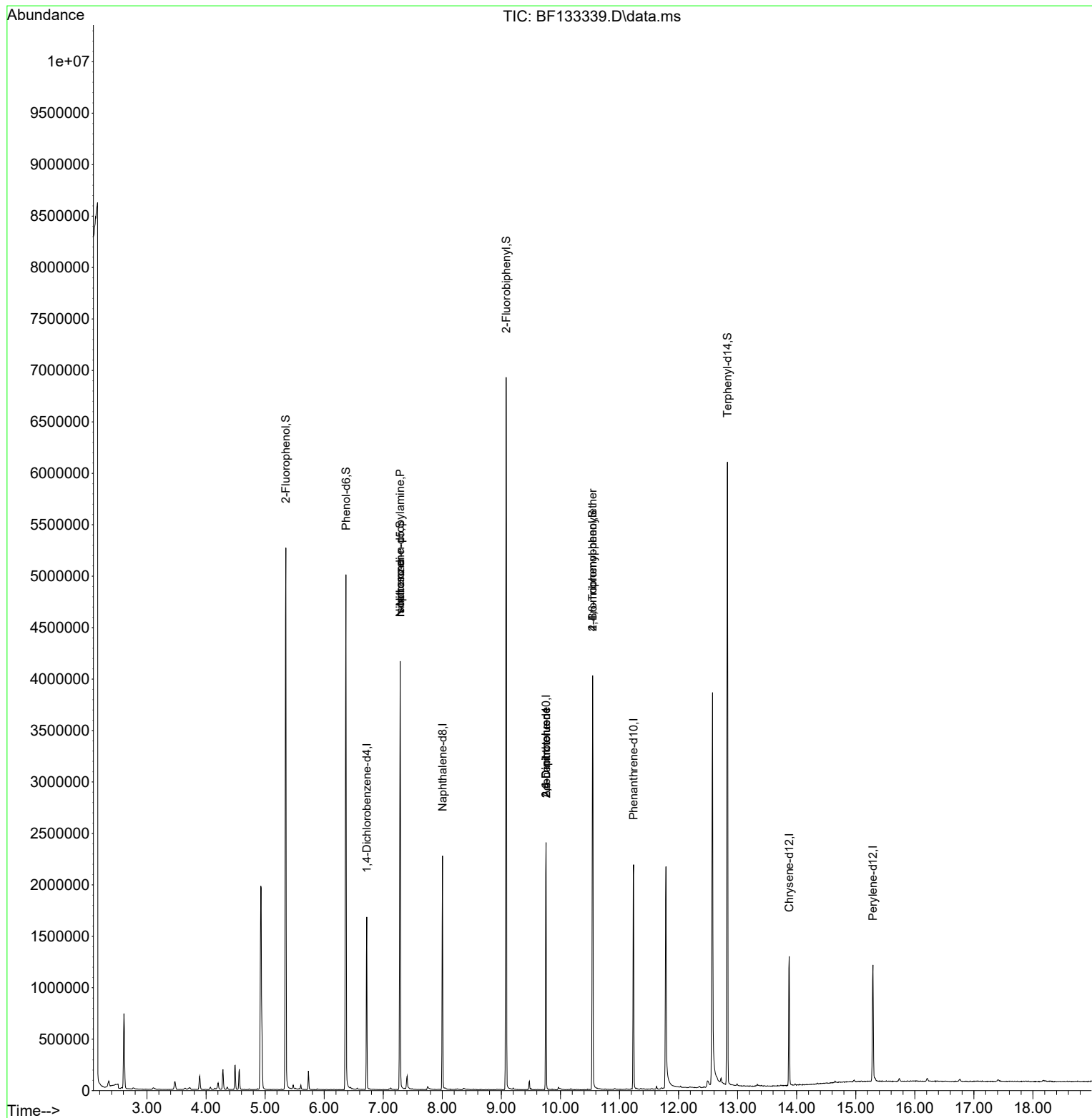
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	225190	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	916419	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	473011	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	825618	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	409901	20.000	ng	0.00
86) Perylene-d12	15.292	264	487843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1640253	110.031	ng	0.02
7) Phenol-d6	6.369	99	1812086	97.935	ng	0.00
23) Nitrobenzene-d5	7.287	82	1371163	80.761	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	550790	115.784	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2297154	81.248	ng	0.00
79) Terphenyl-d14	12.827	244	2323693	97.770	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	456	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.287	70	178978	15.538	ng	# 77
25) Isophorone	7.287	82	1371149	42.536	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	62957	8.481	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	62957	6.650	ng	# 24
67) 4-Bromophenyl-phenylether	10.545	248	35326	3.945	ng	# 1

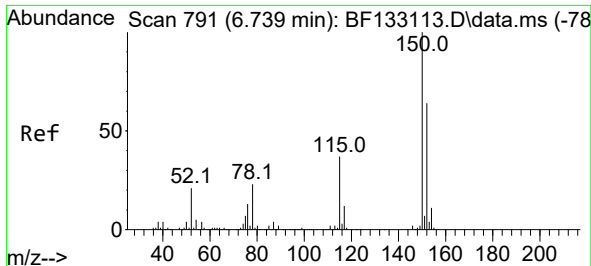
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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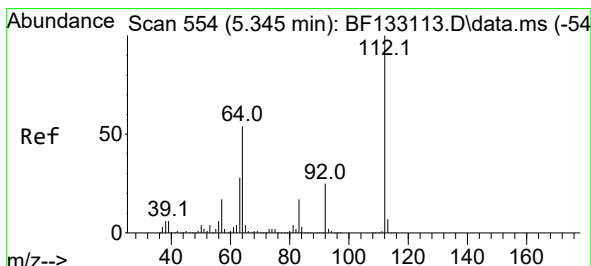
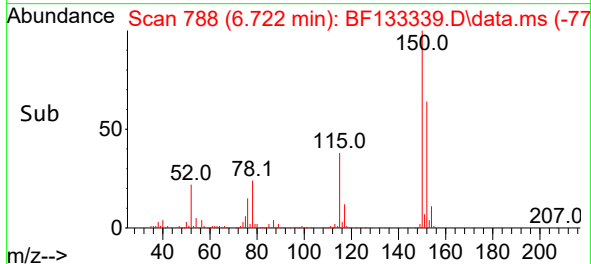
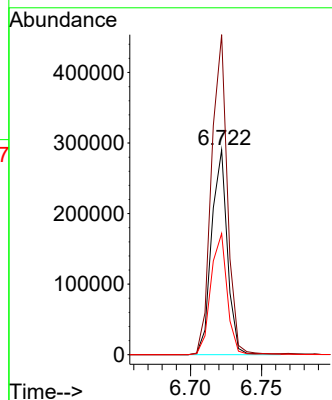
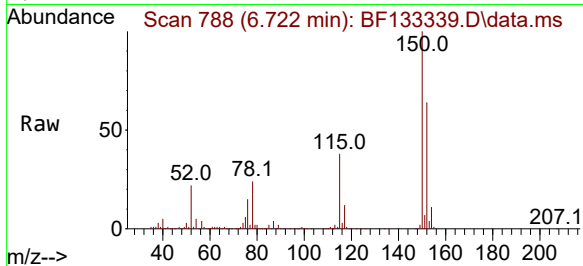




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

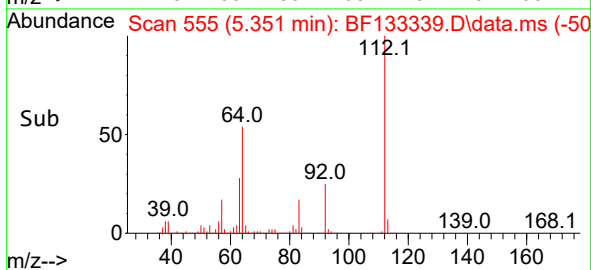
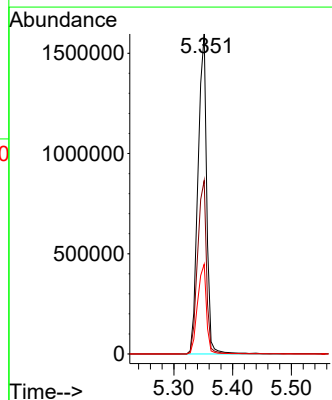
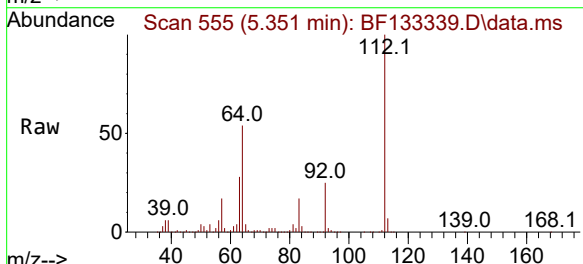
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

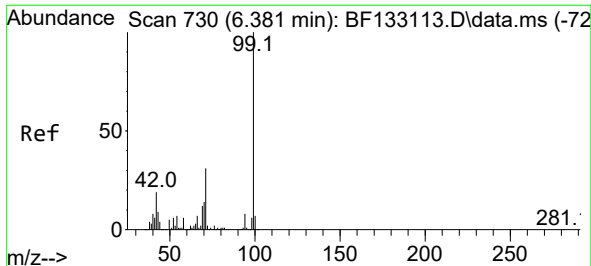
Tgt Ion:152 Resp: 225190
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 110.031 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.024 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Tgt Ion:112 Resp: 1640253
Ion Ratio Lower Upper
112 100
64 54.2 46.8 70.2
63 28.1 23.8 35.8

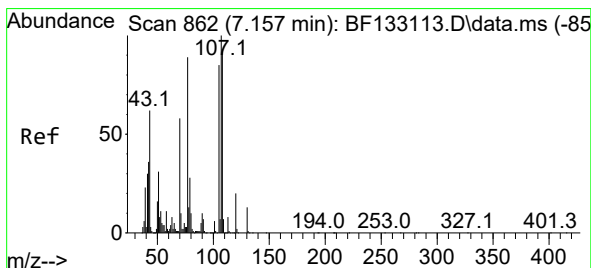
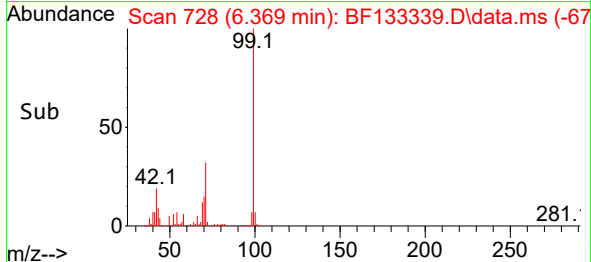
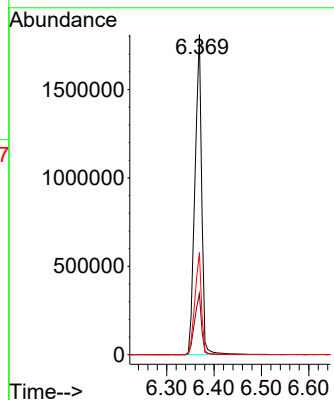
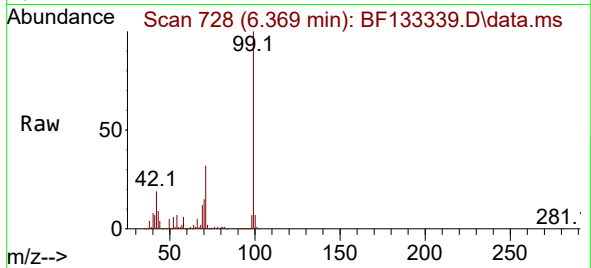




#7
Phenol-d6
Concen: 97.935 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

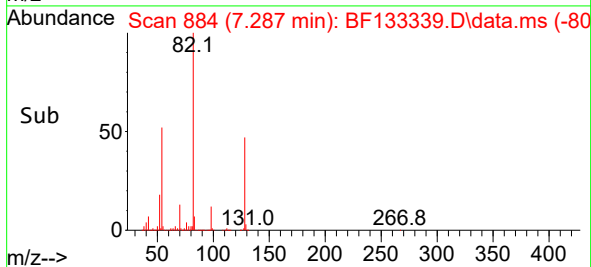
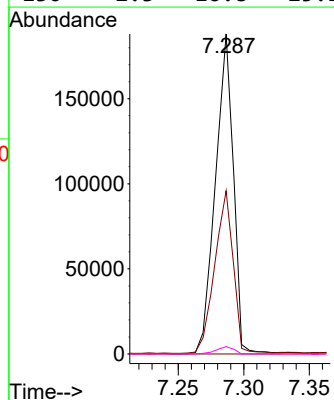
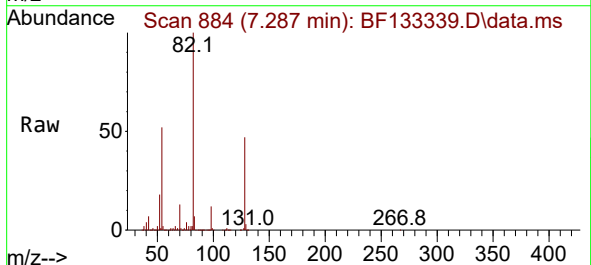
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

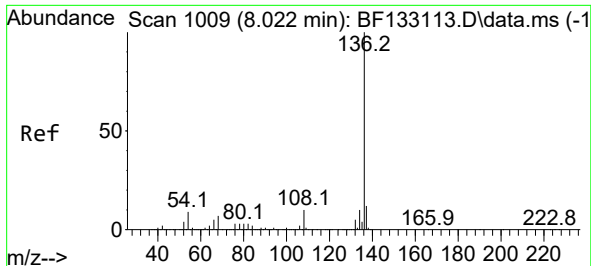
Tgt Ion: 99 Resp: 1812086
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.538 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Tgt Ion: 70 Resp: 178978
Ion Ratio Lower Upper
70 100
42 51.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

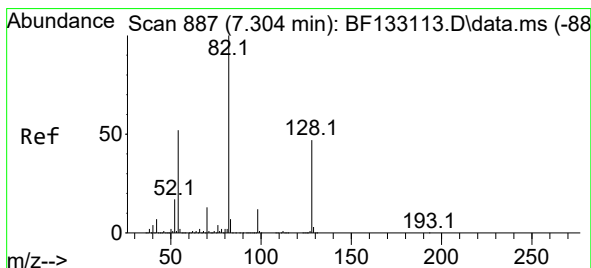
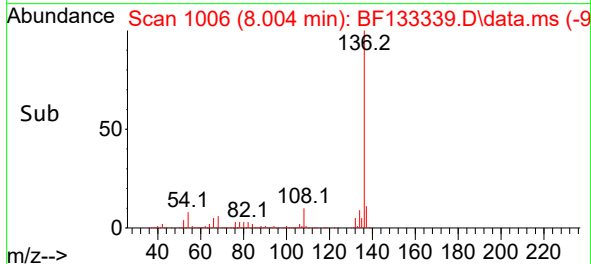
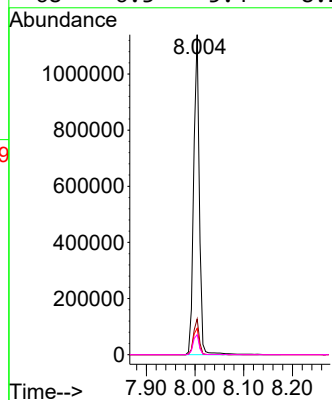
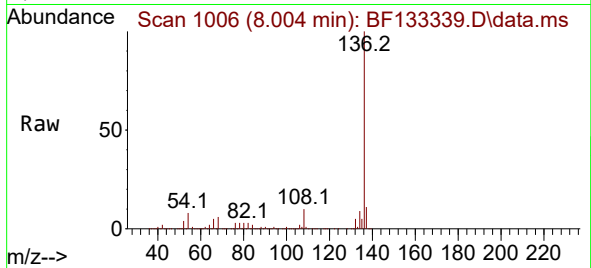




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

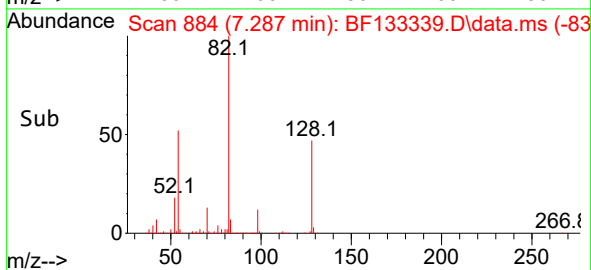
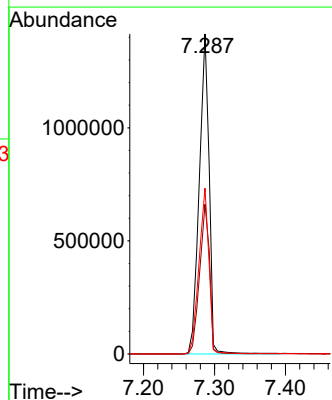
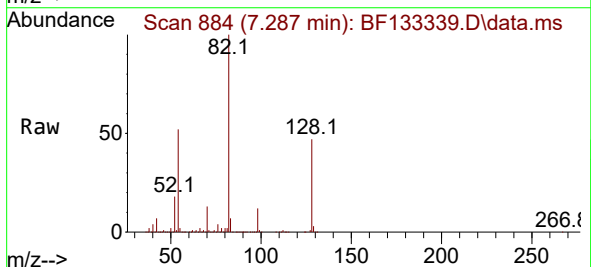
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

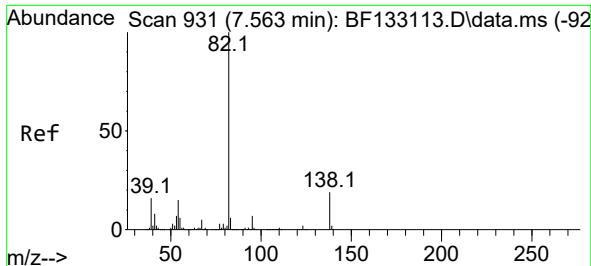
Tgt Ion:136 Resp: 916419
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.2 7.0 10.4
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 80.761 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Tgt Ion: 82 Resp: 1371163
Ion Ratio Lower Upper
82 100
128 46.8 37.7 56.5
54 51.8 43.0 64.4

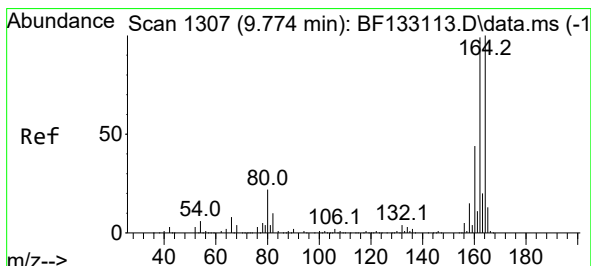
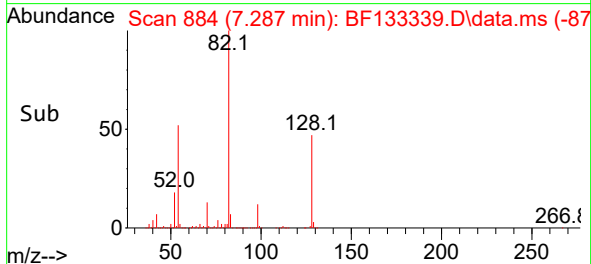
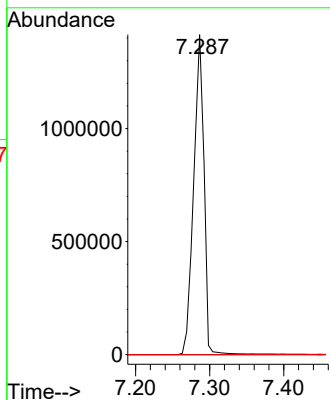
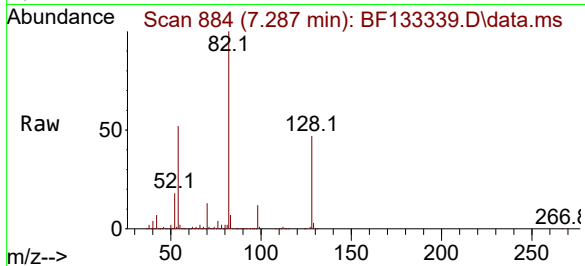




#25
Isophorone
Concen: 42.536 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

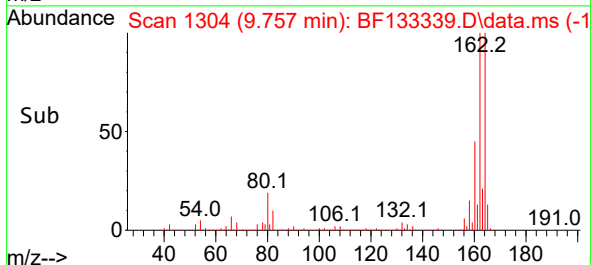
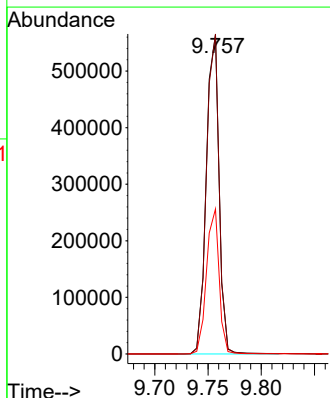
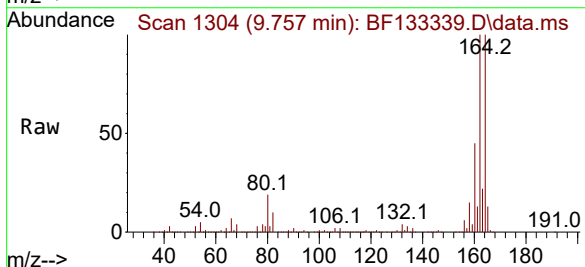
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

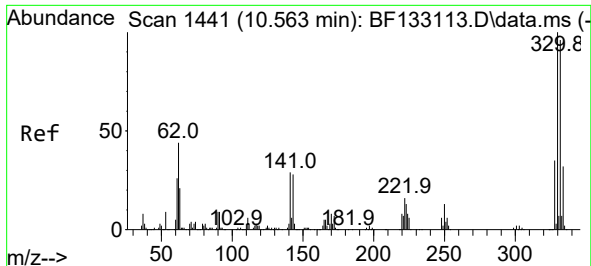
Tgt Ion: 82 Resp: 1371149
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

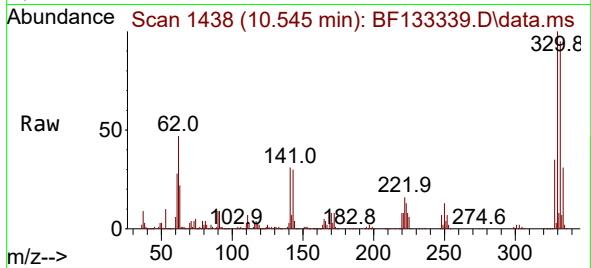
Tgt Ion: 164 Resp: 473011
Ion Ratio Lower Upper
164 100
162 100.2 78.7 118.1
160 45.4 35.8 53.6



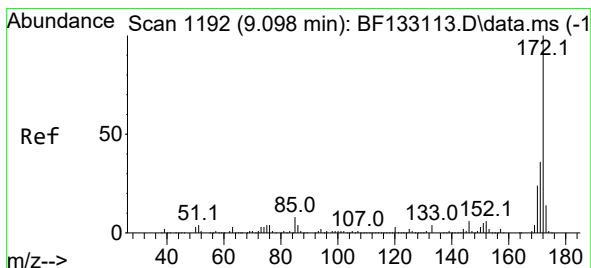
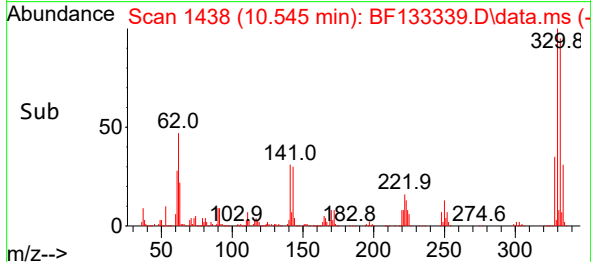
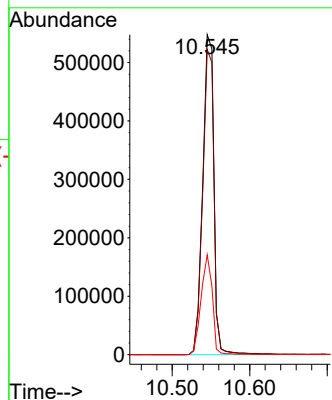


#42
2,4,6-Tribromophenol
Concen: 115.784 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01

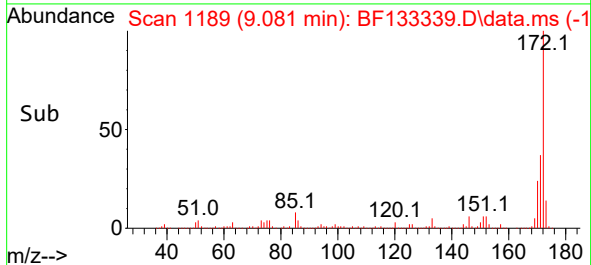
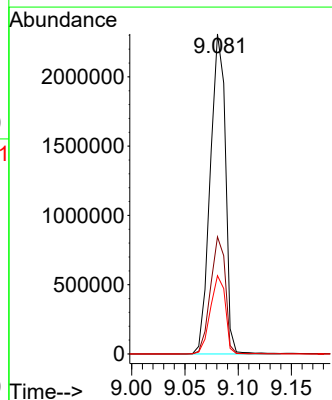
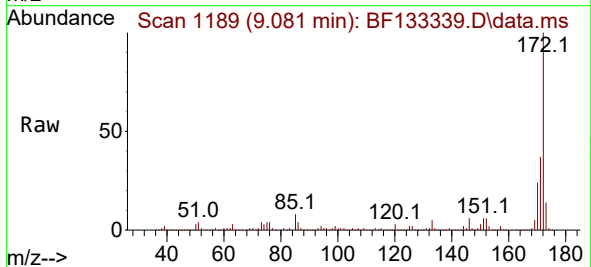


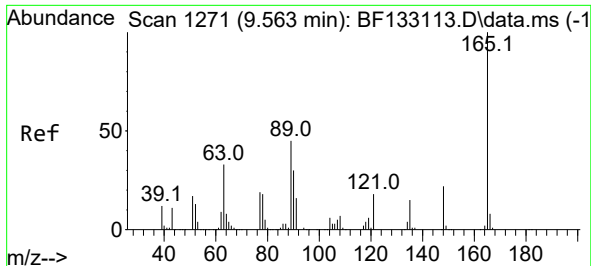
Tgt Ion:330 Resp: 550790
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.248 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Tgt Ion:172 Resp: 2297154
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2

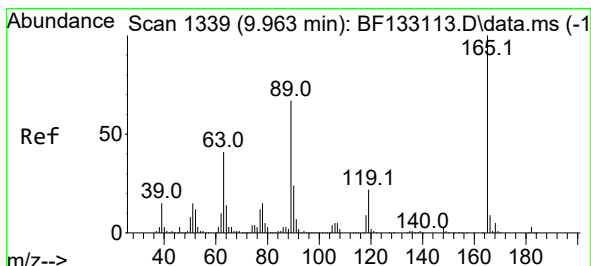
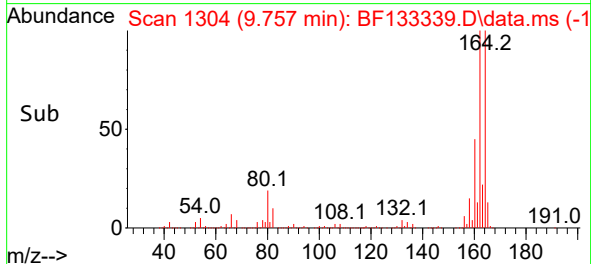
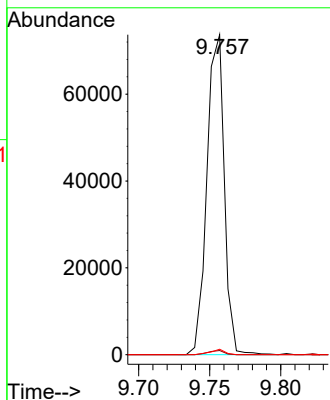
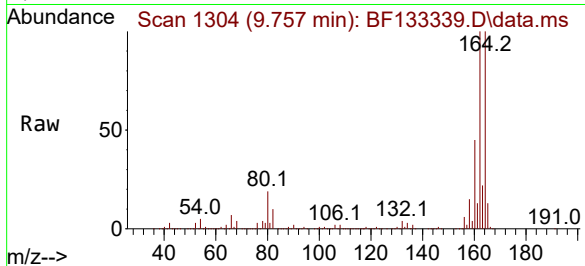




#51
2,6-Dinitrotoluene
Concen: 8.481 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

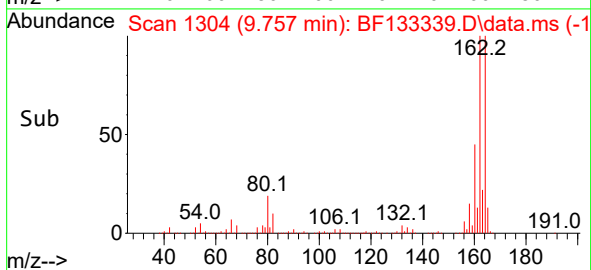
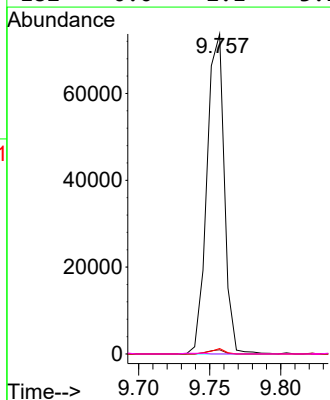
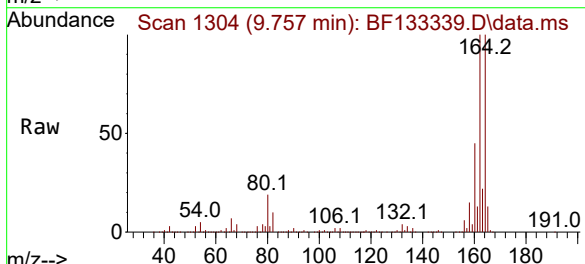
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TR-612-COMP-01

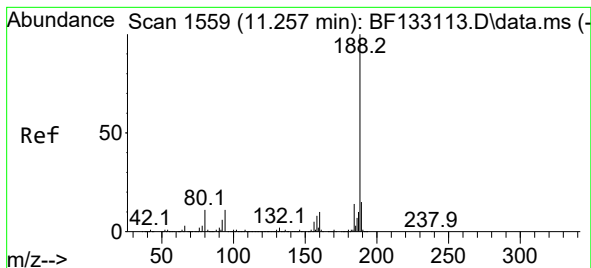
Tgt Ion:165 Resp: 62957
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.7 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Tgt Ion:165 Resp: 62957
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.7 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-01

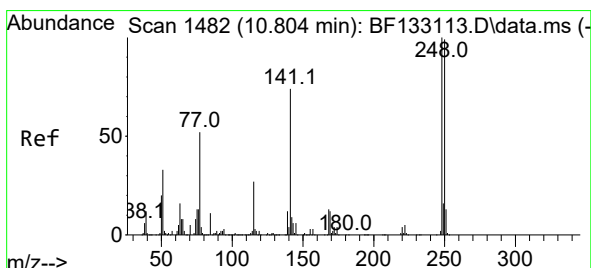
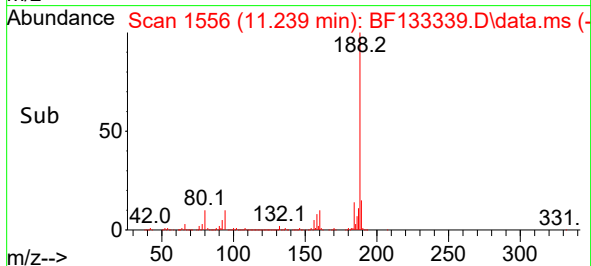
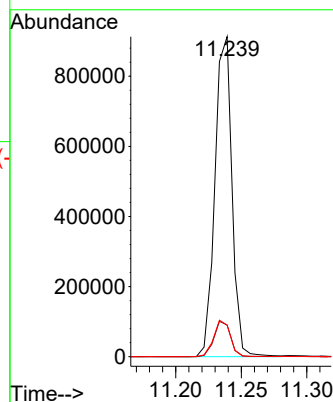
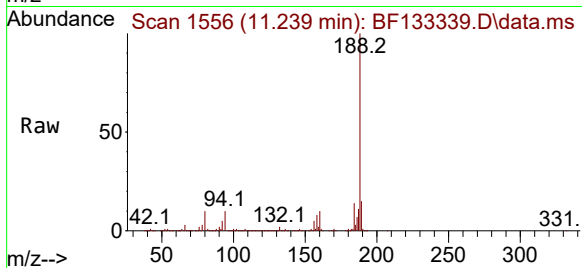
Tgt Ion:188 Resp: 825618

Ion Ratio Lower Upper

188 100

94 9.9 9.7 14.5

80 9.9 10.4 15.6#



#67

4-Bromophenyl-phenylether

Concen: 3.945 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

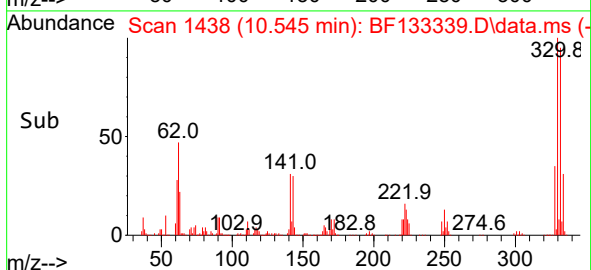
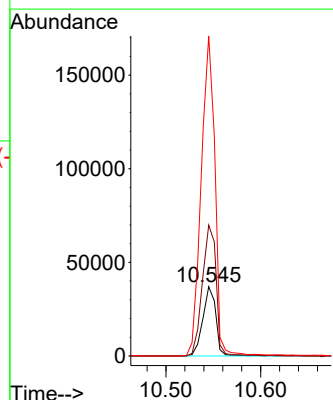
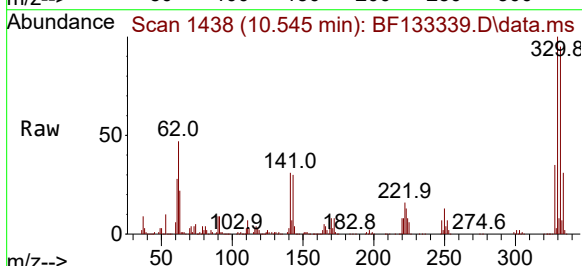
Tgt Ion:248 Resp: 35326

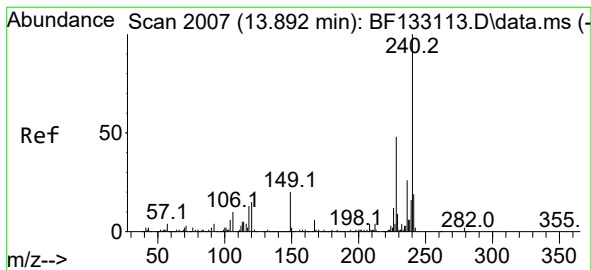
Ion Ratio Lower Upper

248 100

250 189.0 78.7 118.1#

141 461.9 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-01

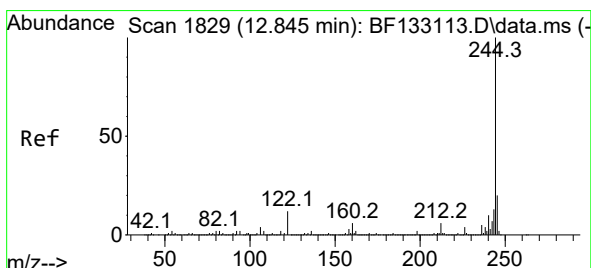
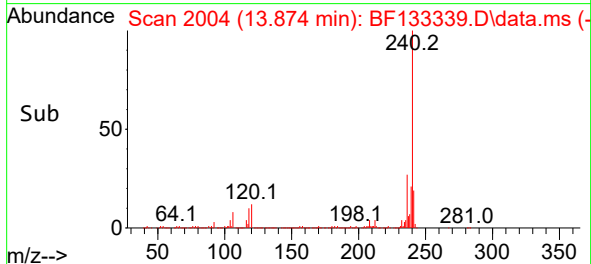
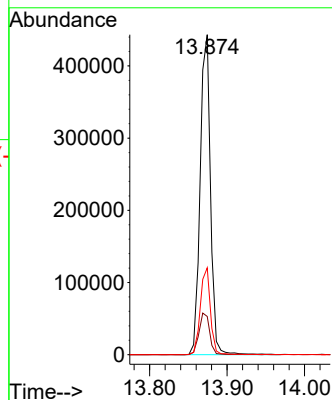
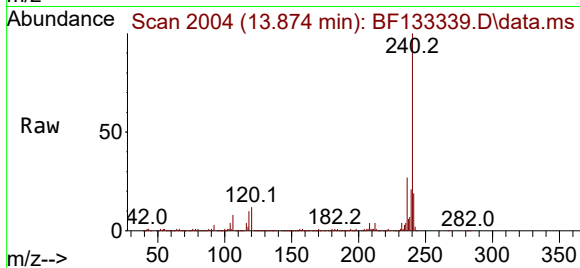
Tgt Ion:240 Resp: 409901

Ion Ratio Lower Upper

240 100

120 11.9 10.5 15.7

236 27.2 21.5 32.3



#79

Terphenyl-d14

Concen: 97.770 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

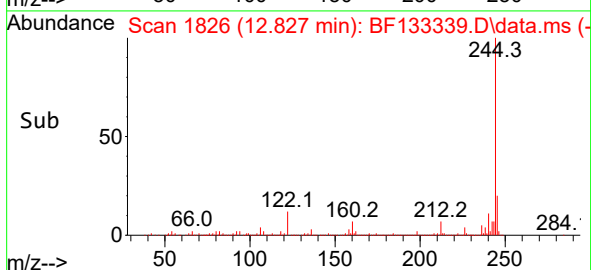
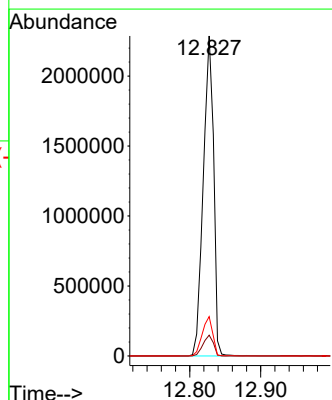
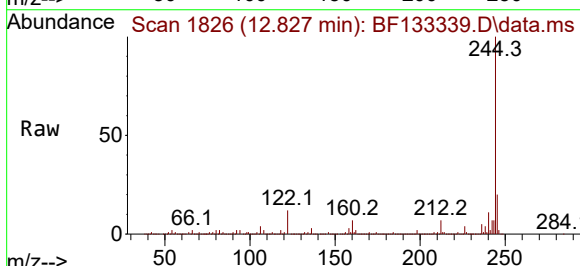
Tgt Ion:244 Resp: 2323693

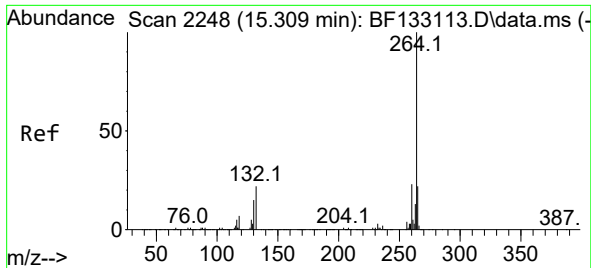
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

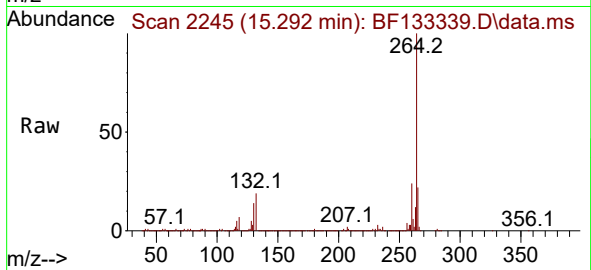
122 12.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133339.D
Acq: 10 May 2023 19:37

Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-01



Tgt Ion:264 Resp: 487843

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.9	17.0	25.4

