

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135052.D
 Acq On : 31 Aug 2023 20:58
 Operator : CG\JU
 Sample : 04218-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Sep 01 01:52:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

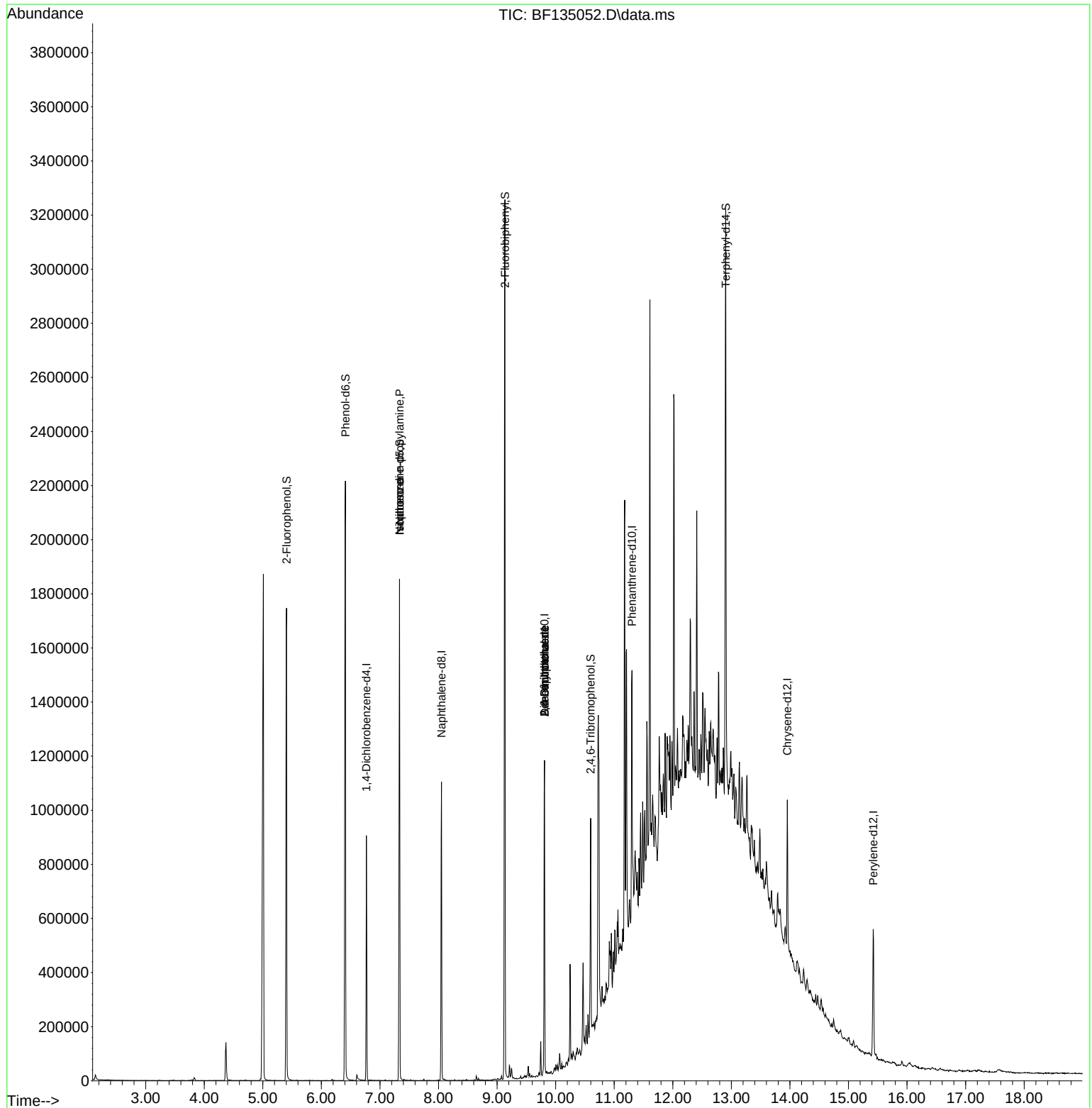
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	116133	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	474150	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	237785	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	367952	20.000	ng	0.00
76) Chrysene-d12	13.957	240	175901	20.000	ng	0.00
86) Perylene-d12	15.421	264	222601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	474255	63.078	ng	0.00
7) Phenol-d6	6.410	99	772426	82.424	ng	0.00
23) Nitrobenzene-d5	7.334	82	564993	66.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	89263	35.388	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	1040767	71.261	ng	0.00
79) Terphenyl-d14	12.904	244	722807	67.058	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	74774	13.433	ng	# 79
25) Isophorone	7.334	82	564985	35.308	ng	# 65
50) Dimethylphthalate	9.810	163	48128	2.891	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	31267	8.558	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	31267	6.867	ng	# 20
69) Atrazine	10.975	200	75	Below Cal		# 1

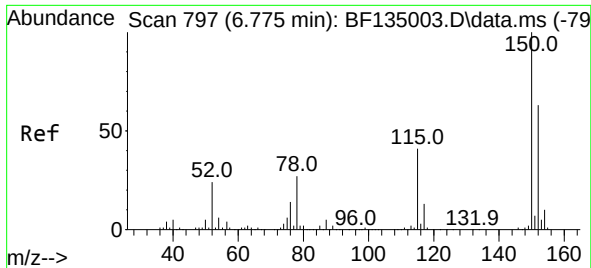
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

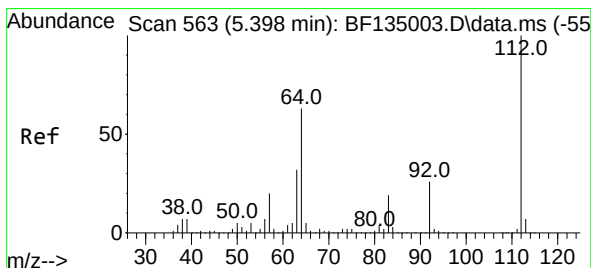
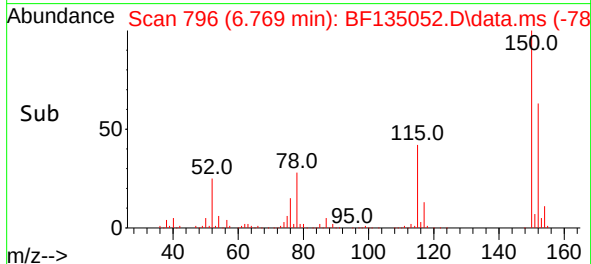
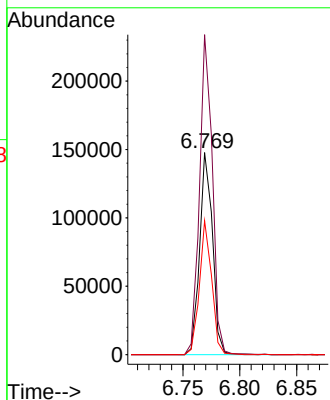
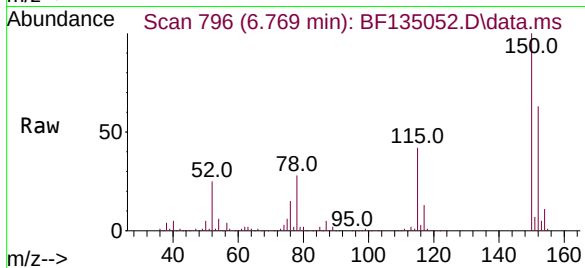




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

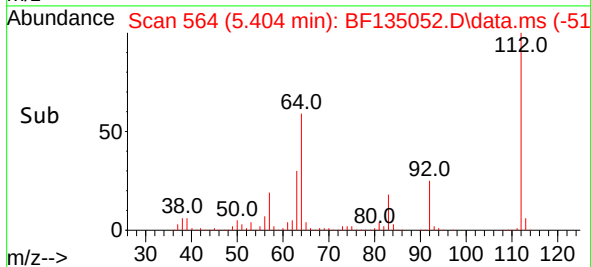
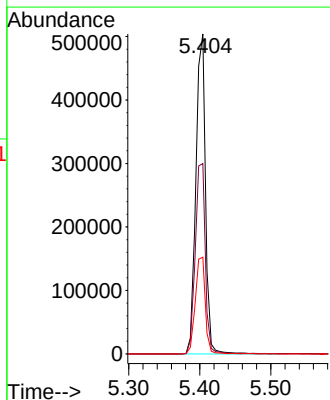
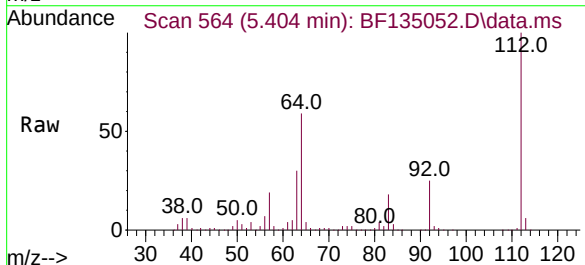
Instrument :
BNA_F
ClientSampleId :
COMP-2

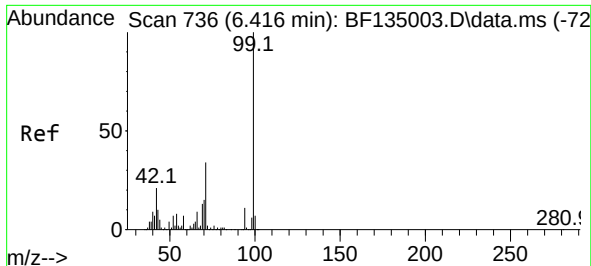
Tgt Ion:152 Resp: 116133
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 66.3 51.2 76.8



#5
2-Fluorophenol
Concen: 63.078 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Tgt Ion:112 Resp: 474255
Ion Ratio Lower Upper
112 100
64 59.5 50.5 75.7
63 30.2 25.9 38.9

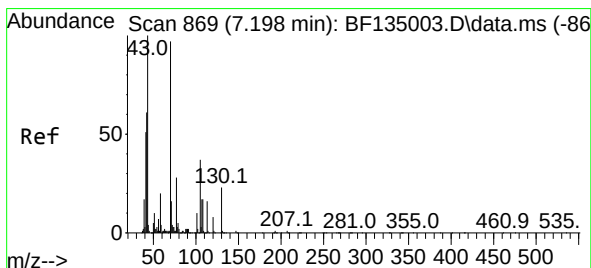
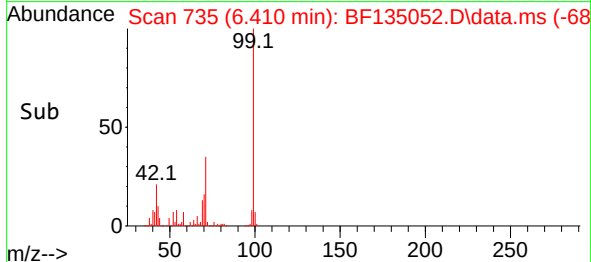
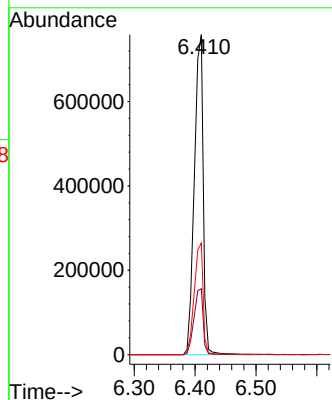
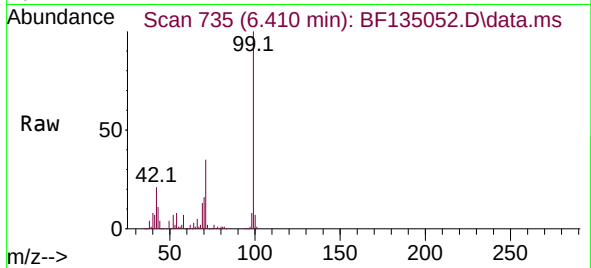




#7
Phenol-d6
Concen: 82.424 ng
RT: 6.410 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

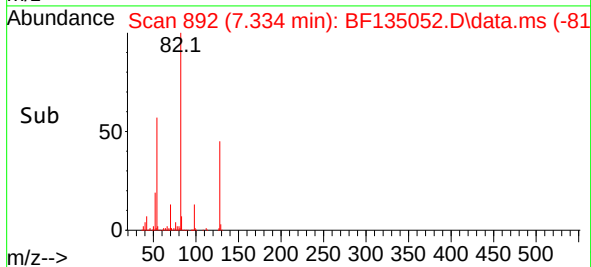
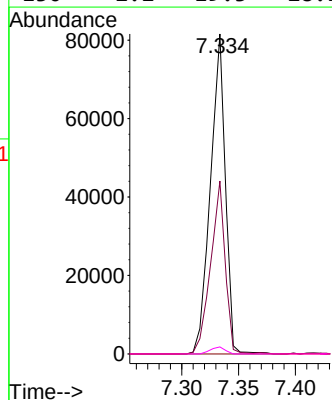
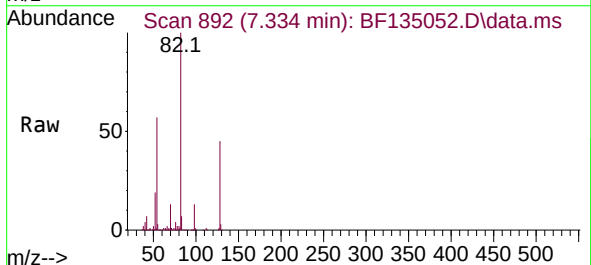
Instrument :
BNA_F
ClientSampleId :
COMP-2

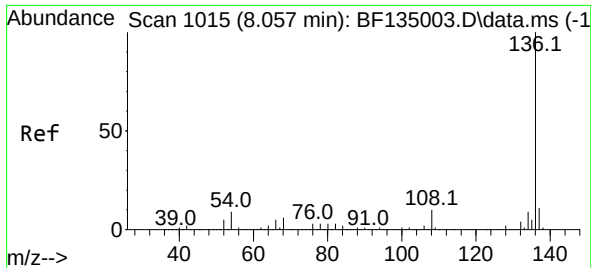
Tgt Ion: 99 Resp: 772426
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.433 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Tgt Ion: 70 Resp: 74774
Ion Ratio Lower Upper
70 100
42 54.0 50.2 75.4
101 0.0 8.1 12.1#
130 2.2 19.3 28.9#

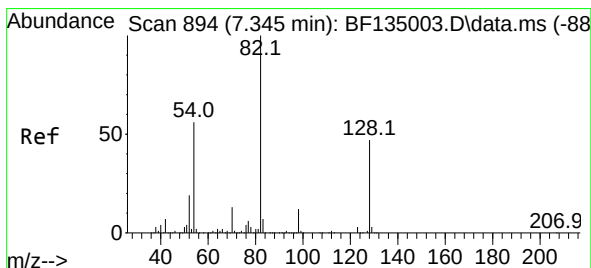
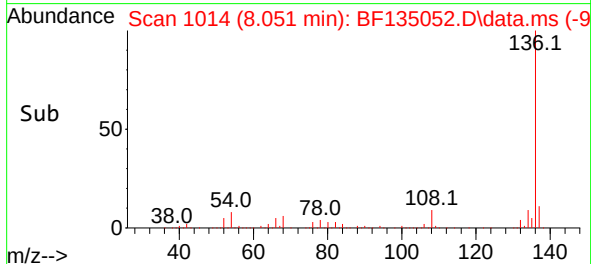
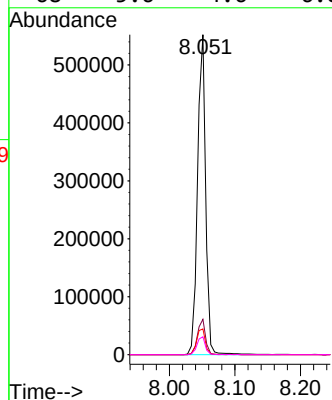
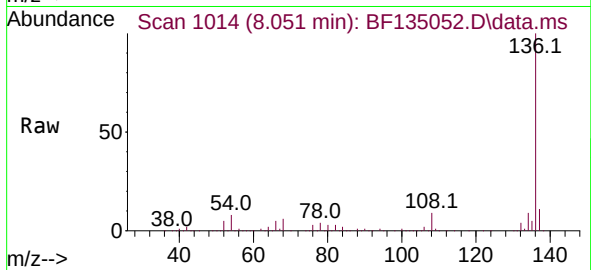




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

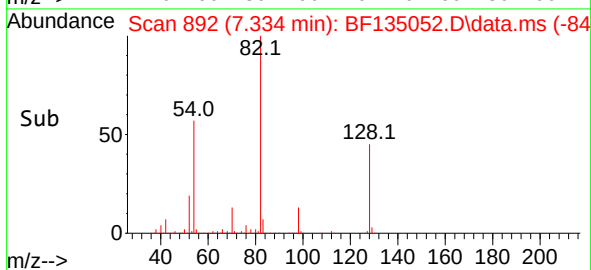
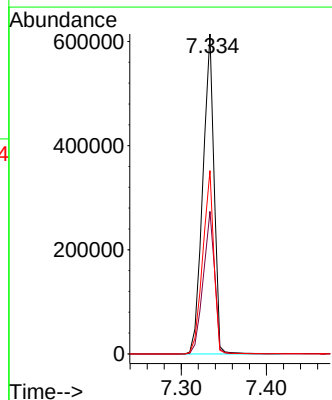
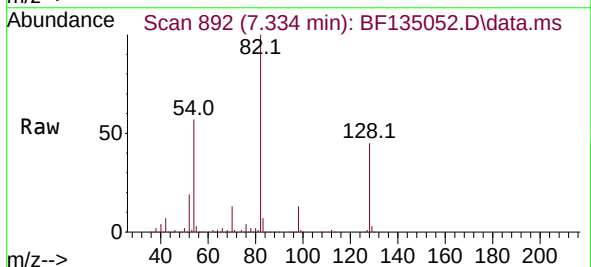
Instrument :
BNA_F
ClientSampleId :
COMP-2

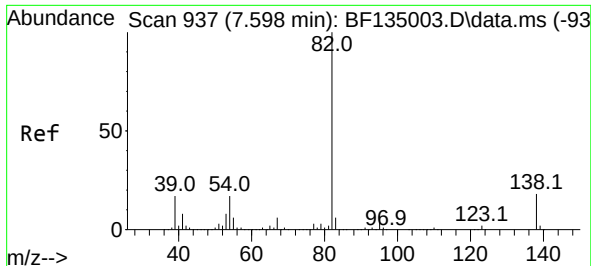
Tgt Ion:136	Resp: 474150
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.0	7.0 10.4
68 5.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.944 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Tgt Ion: 82	Resp: 564993
Ion Ratio	Lower Upper
82 100	
128 44.5	37.8 56.8
54 57.3	45.0 67.6

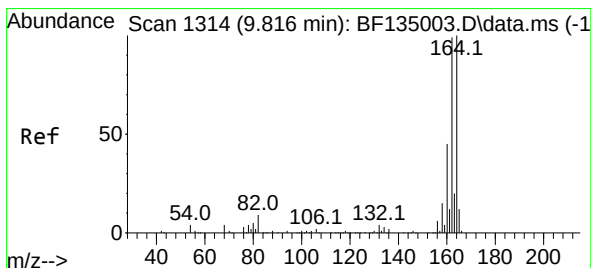
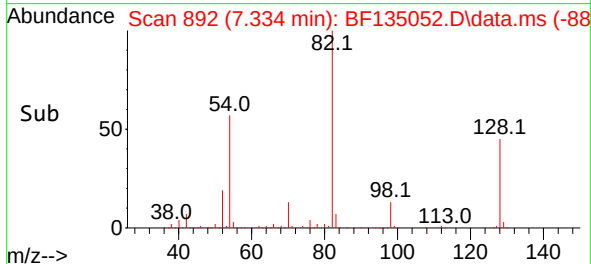
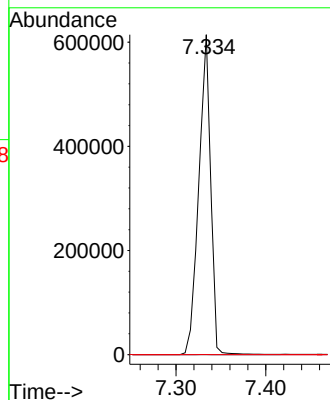
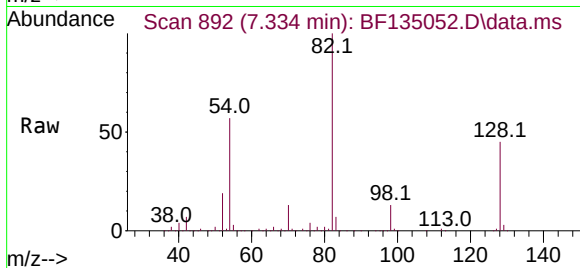




#25
Isophorone
Concen: 35.308 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

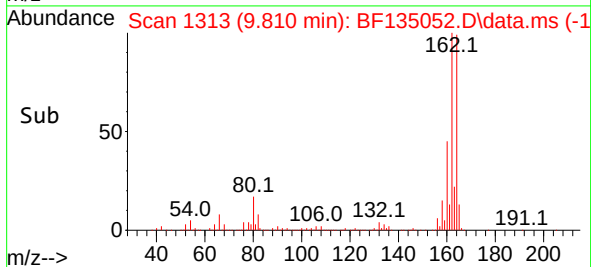
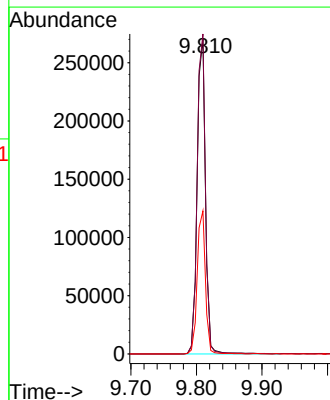
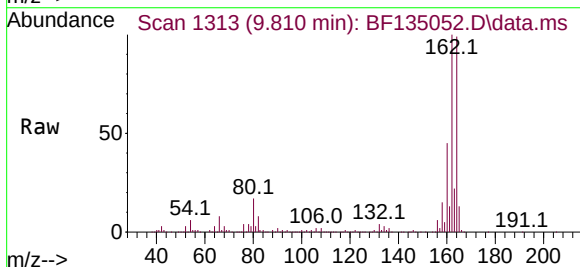
Instrument :
BNA_F
ClientSampleId :
COMP-2

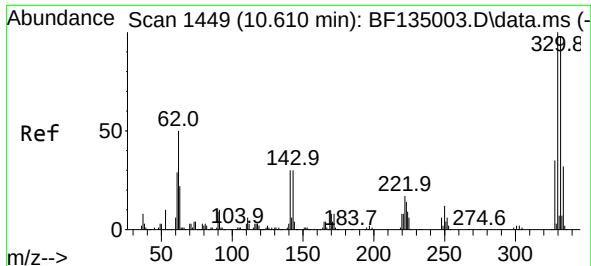
Tgt Ion: 82 Resp: 564985
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Tgt Ion: 164 Resp: 237785
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 35.388 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135052.D

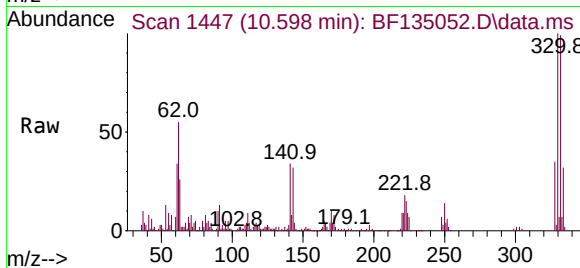
Acq: 31 Aug 2023 20:58

Instrument :

BNA_F

ClientSampleId :

COMP-2



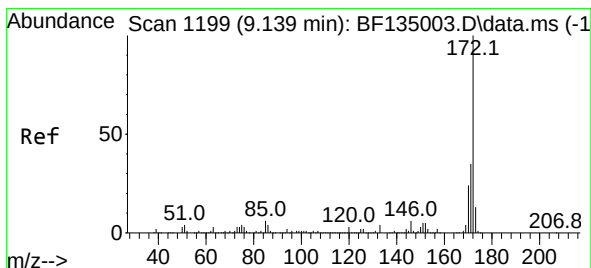
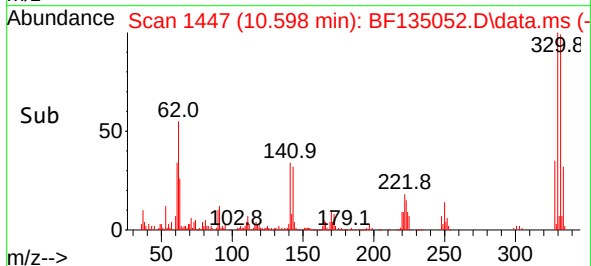
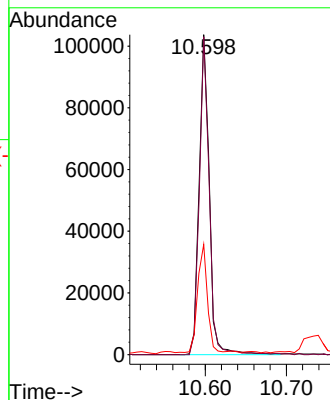
Tgt Ion:330 Resp: 89263

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 71.261 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135052.D

Acq: 31 Aug 2023 20:58

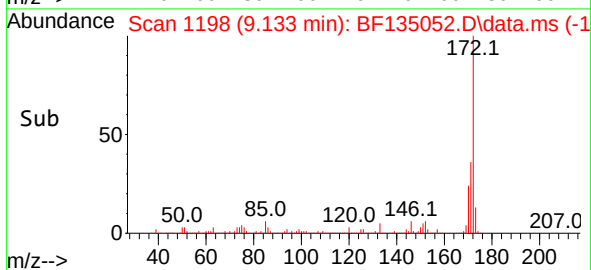
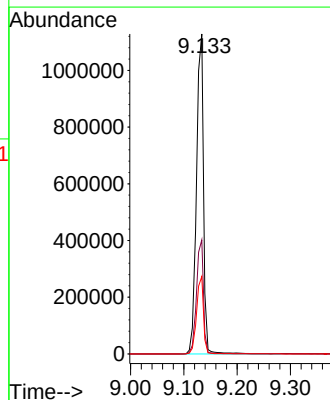
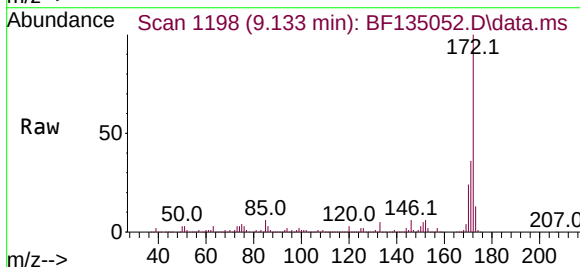
Tgt Ion:172 Resp: 1040767

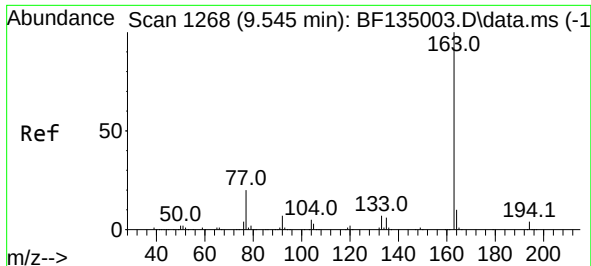
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.2 19.0 28.4

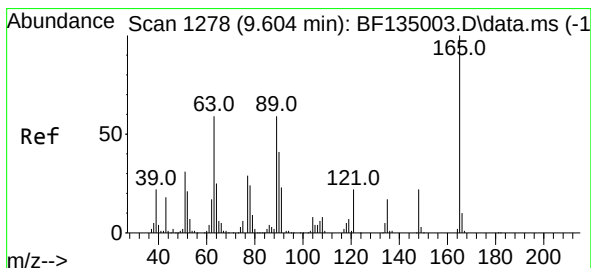
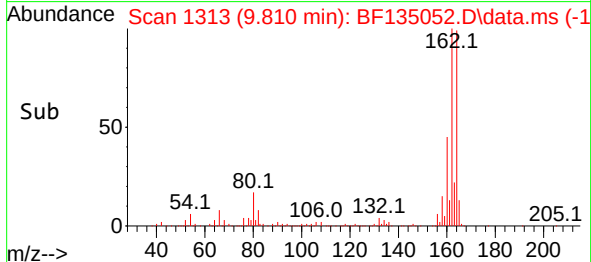
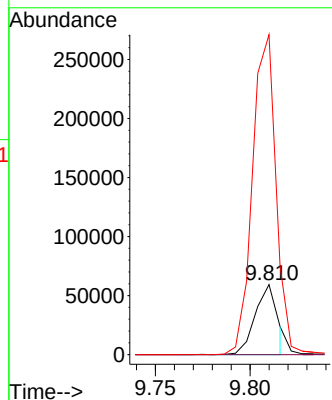
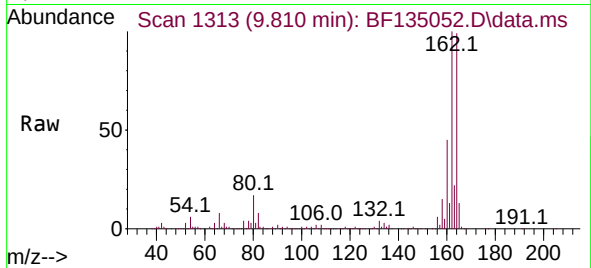




#50
Dimethylphthalate
Concen: 2.891 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

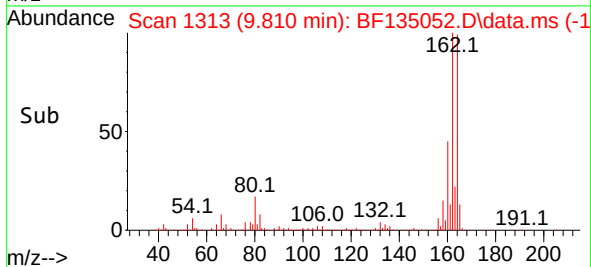
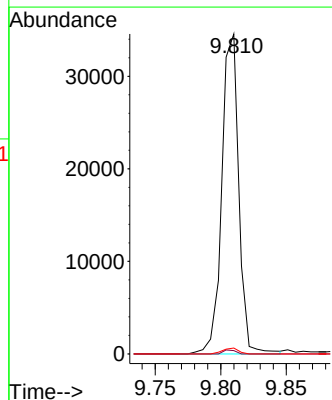
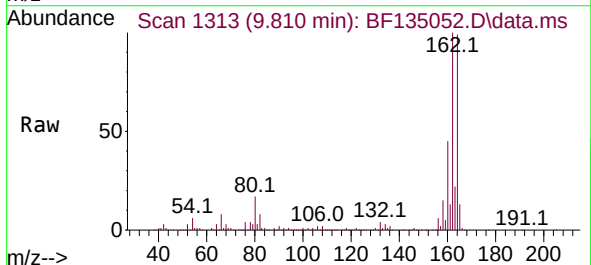
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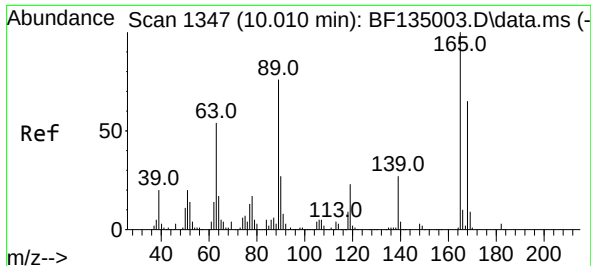
Tgt Ion:163 Resp: 48128
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 457.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

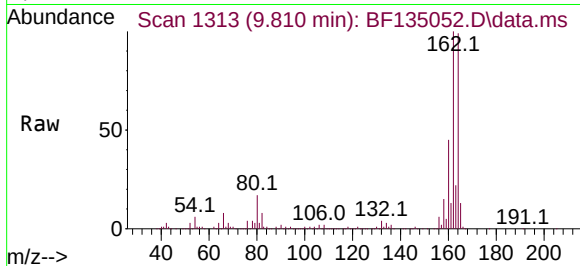
Tgt Ion:165 Resp: 31267
Ion Ratio Lower Upper
165 100
63 1.0 50.4 75.6#
89 1.8 47.1 70.7#



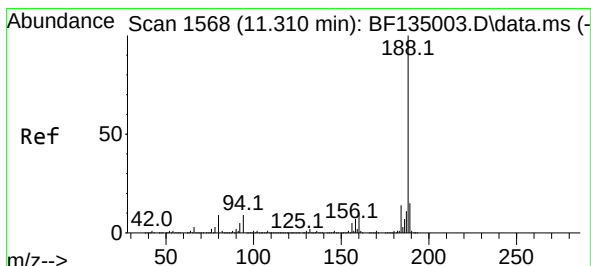
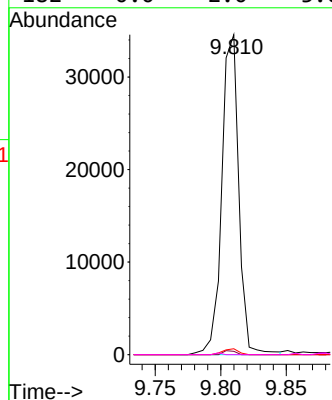
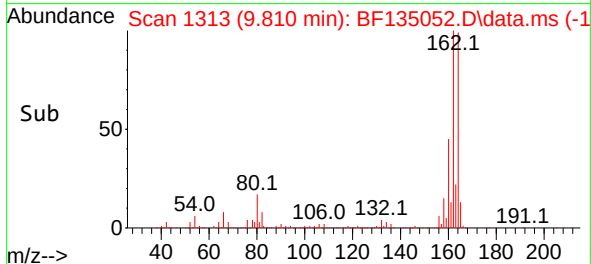


#57
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Instrument :
BNA_F
ClientSampleId :
COMP-2

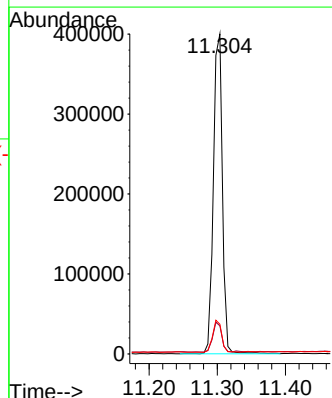
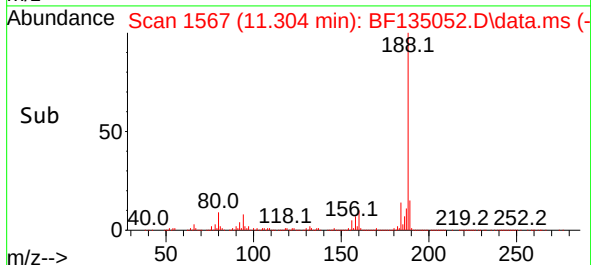
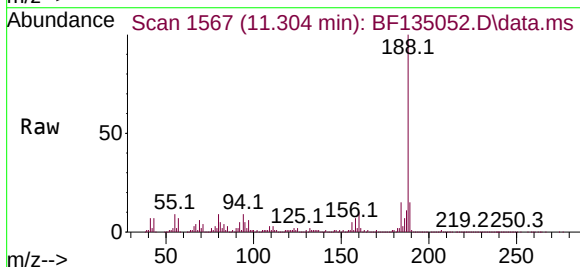


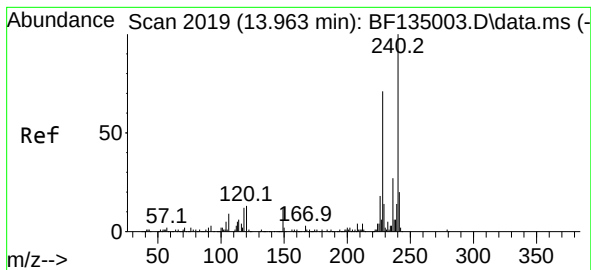
Tgt Ion:165 Resp: 31267
Ion Ratio Lower Upper
165 100
63 1.0 43.2 64.8#
89 1.8 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Tgt Ion:188 Resp: 367952
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.3 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135052.D

Acq: 31 Aug 2023 20:58

Instrument :

BNA_F

ClientSampleId :

COMP-2

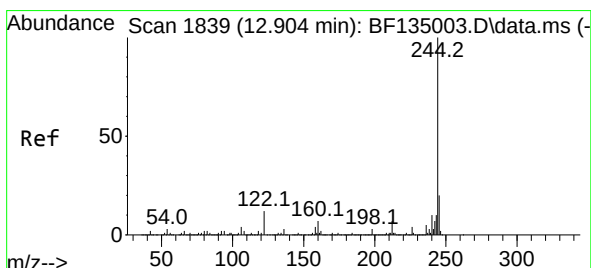
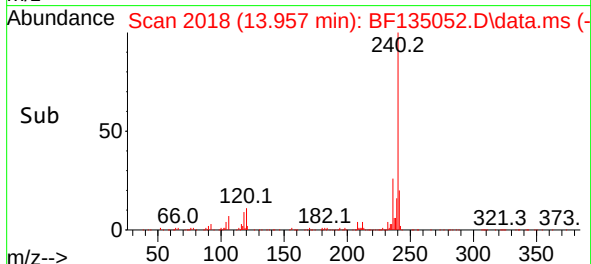
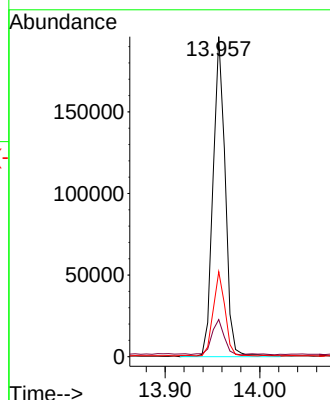
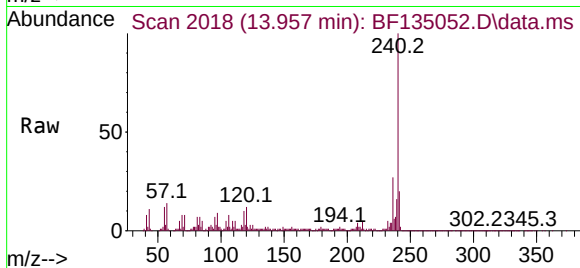
Tgt Ion:240 Resp: 175901

Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.2

236 26.5 21.3 31.9



#79

Terphenyl-d14

Concen: 67.058 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF135052.D

Acq: 31 Aug 2023 20:58

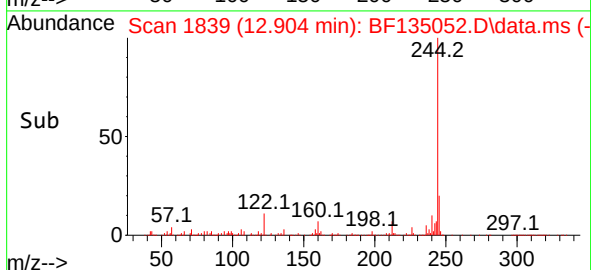
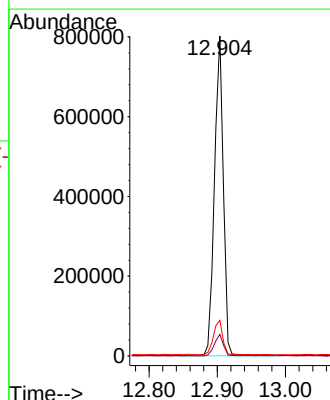
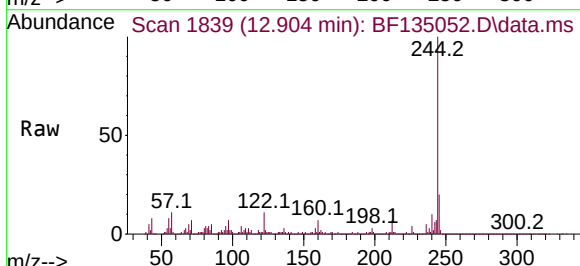
Tgt Ion:244 Resp: 722807

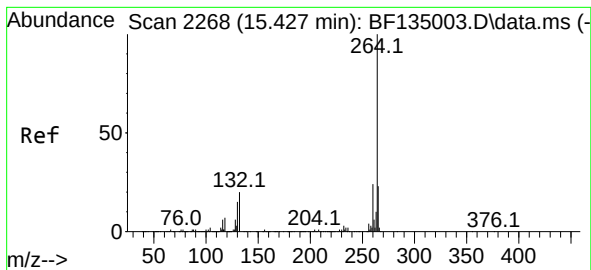
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.1 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF135052.D
Acq: 31 Aug 2023 20:58

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:264 Resp: 222601

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.9	18.2	27.2

