

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134857.D
 Acq On : 19 Aug 2023 00:13
 Operator : CG\JU
 Sample : 04058-01 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081723

Quant Time: Aug 19 01:51:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

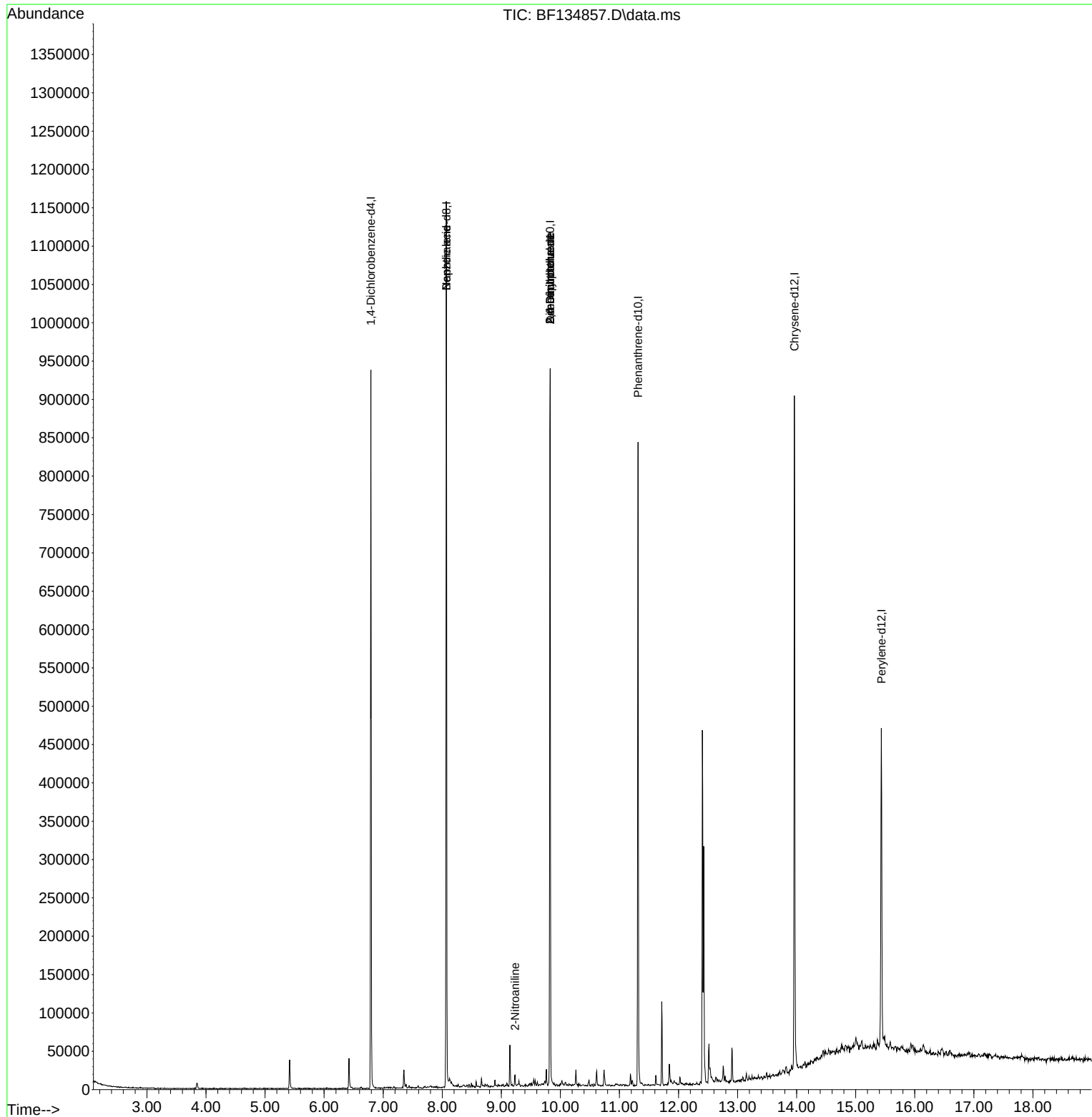
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	125703	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	464417	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	194861	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	292630	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	284958	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	192072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	11749	1.421	ng	-0.01
7) Phenol-d6	6.422	99	14581	1.379	ng	-0.02
23) Nitrobenzene-d5	7.351	82	8483	1.141	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	2383	1.200	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	17340	1.480	ng	-0.02
79) Terphenyl-d14	12.904	244	15589	0.964	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	8.069	122	160	7.895	ng	# 1
48) 2-Nitroaniline	9.233	65	53	3.180	ng	# 8
50) Dimethylphthalate	9.828	163	40340	3.037	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	25777	11.476	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	25777	10.228	ng	# 18

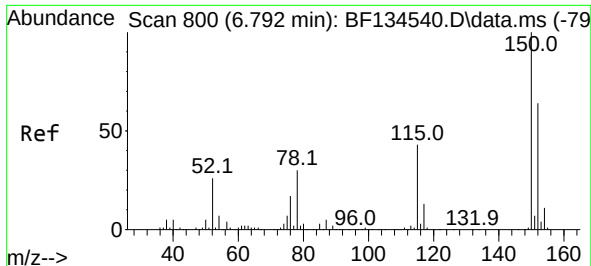
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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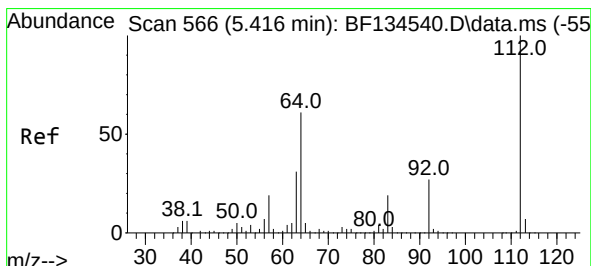
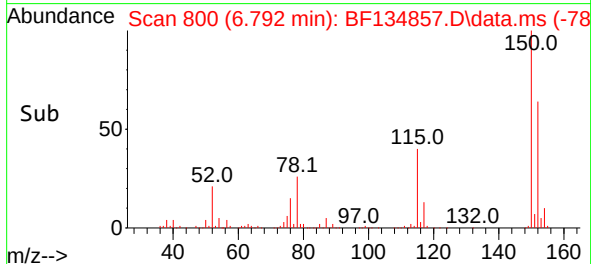
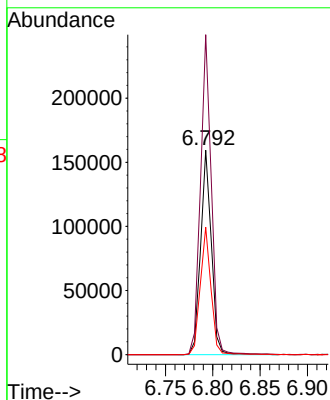
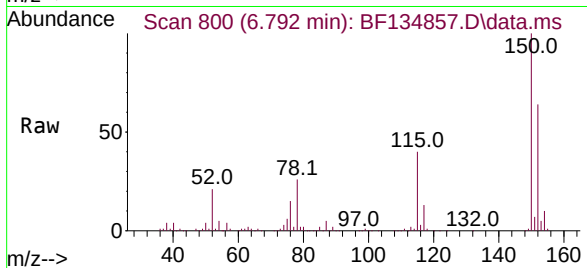




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

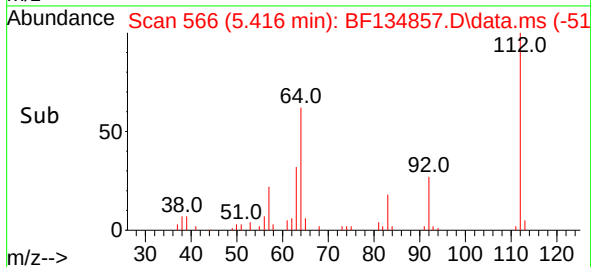
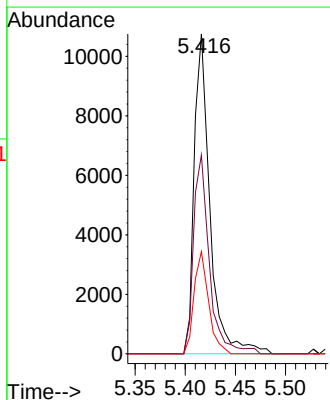
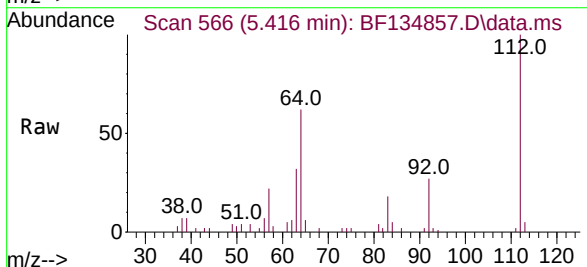
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

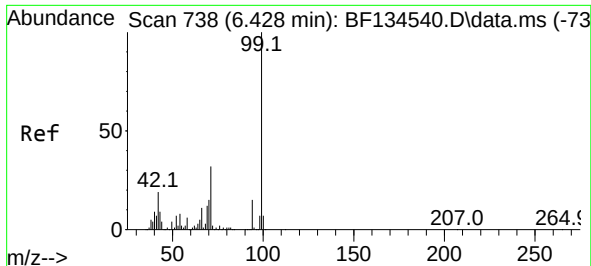
Tgt Ion:152 Resp: 125703
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 1.421 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion:112 Resp: 11749
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 32.0 25.4 38.0





#7

Phenol-d6

Concen: 1.379 ng

RT: 6.422 min Scan# 738

Delta R.T. -0.018 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

Instrument :

BNA_F

ClientSampleId :

SU-04-081723

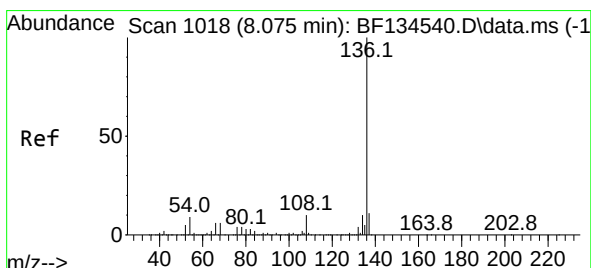
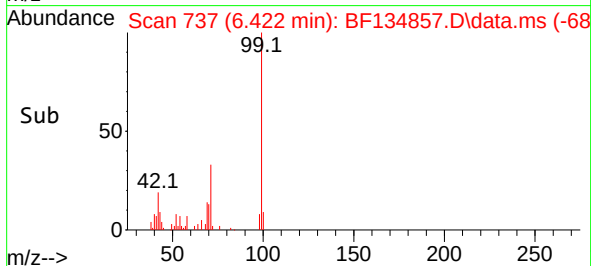
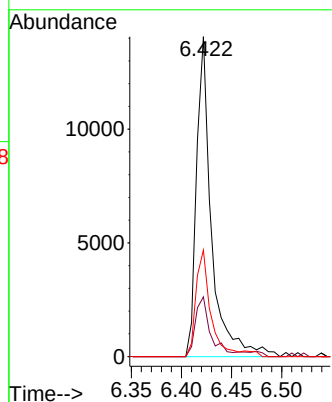
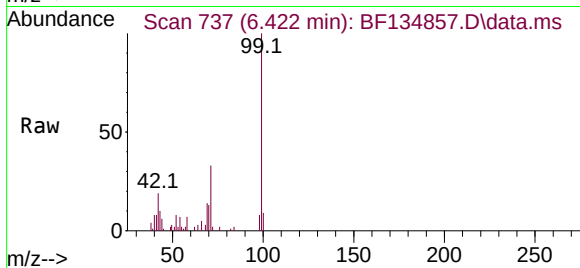
Tgt Ion: 99 Resp: 14581

Ion Ratio Lower Upper

99 100

42 18.7 18.7 28.1#

71 33.3 36.4 54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

Tgt Ion: 136 Resp: 464417

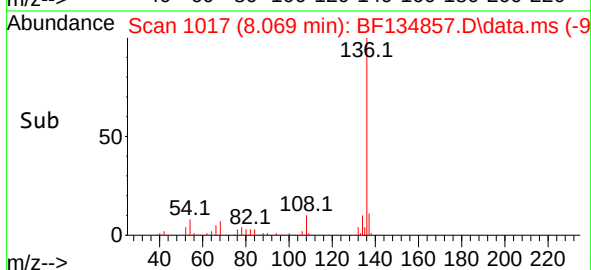
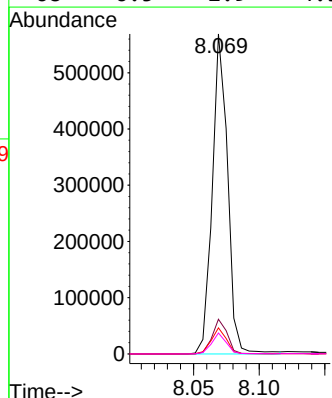
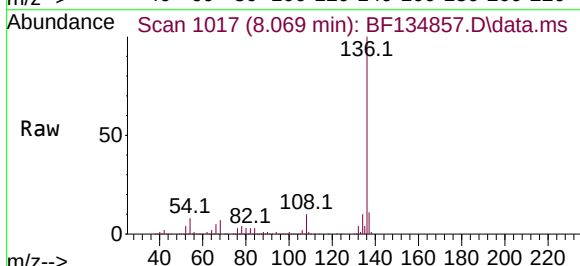
Ion Ratio Lower Upper

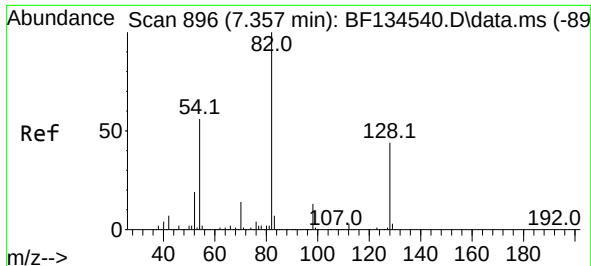
136 100

137 10.9 8.4 12.6

54 8.1 5.2 7.8#

68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 1.141 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

Instrument :

BNA_F

ClientSampleId :

SU-04-081723

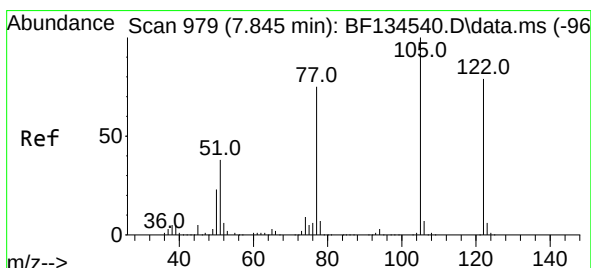
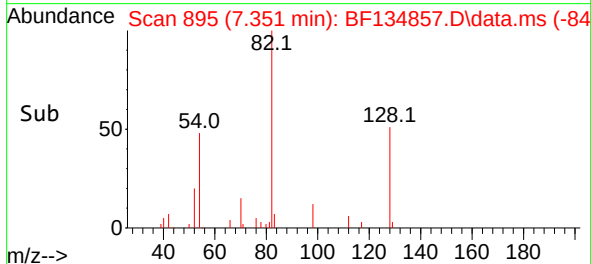
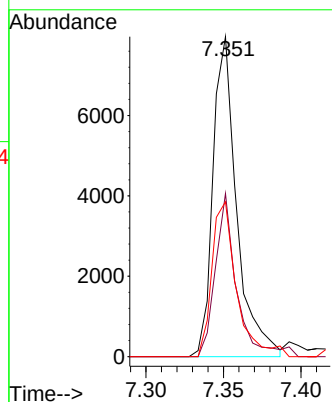
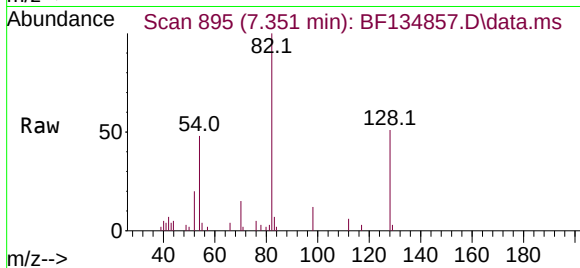
Tgt Ion: 82 Resp: 8483

Ion Ratio Lower Upper

82 100

128 51.0 34.3 51.5

54 48.4 43.8 65.6



#32

Benzoic acid

Concen: 7.895 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.206 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

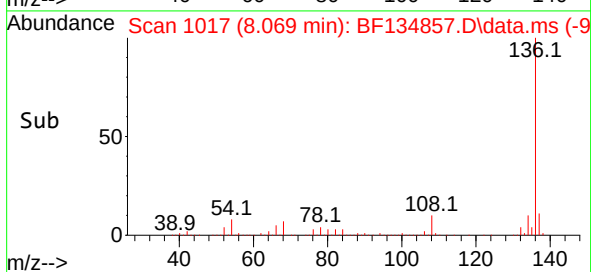
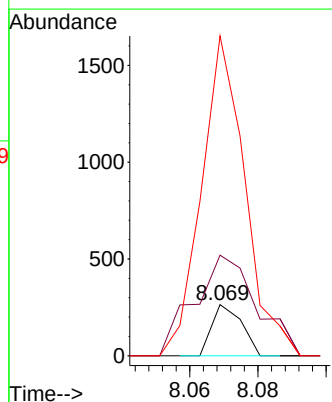
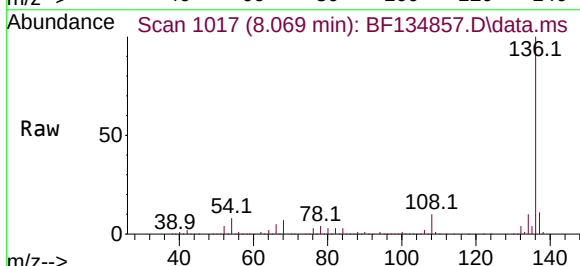
Tgt Ion: 122 Resp: 160

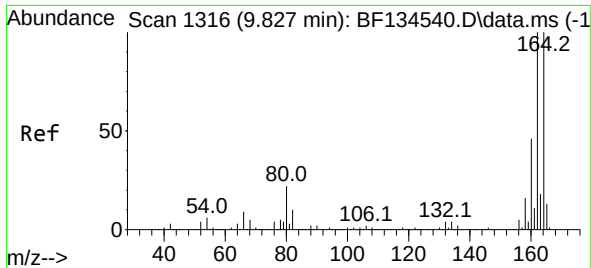
Ion Ratio Lower Upper

122 100

105 197.0 87.5 127.5#

77 625.8 71.4 111.4#

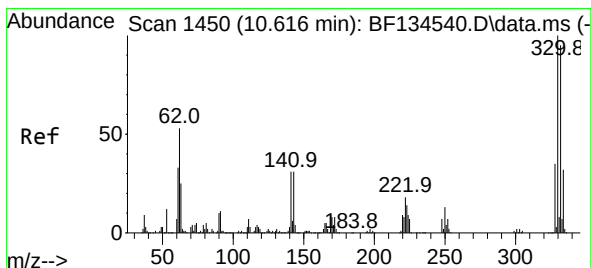
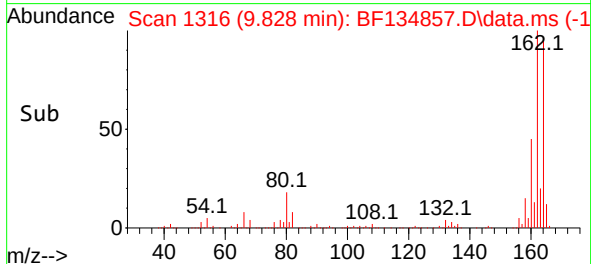
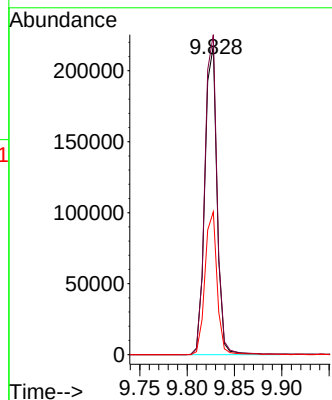
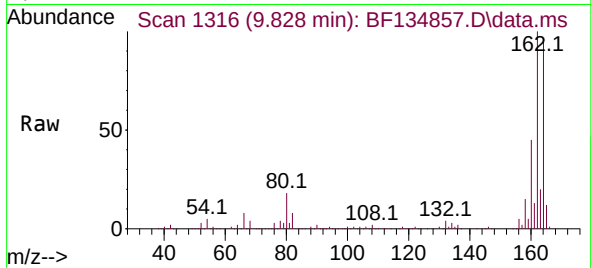




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

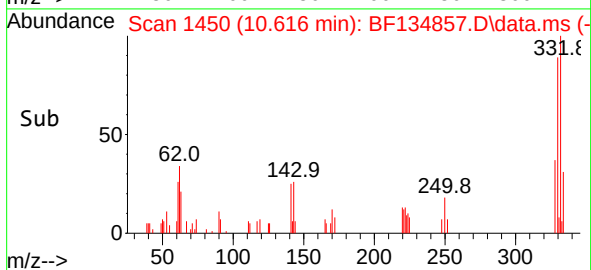
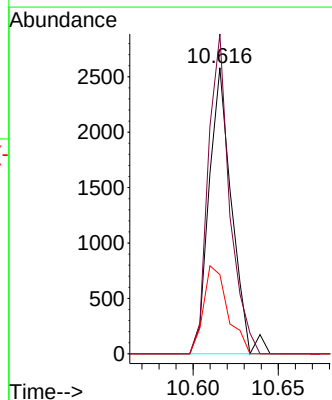
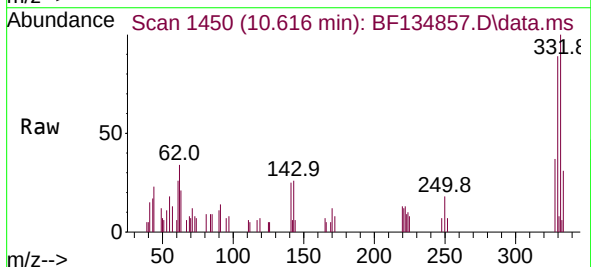
Instrument :
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ClientSampleId :
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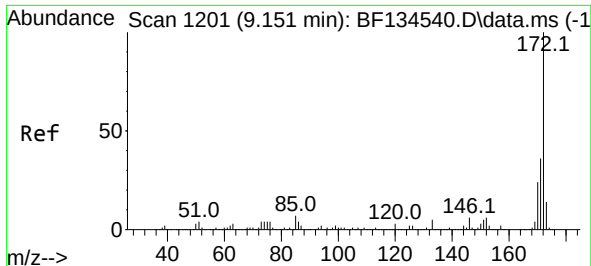
Tgt Ion:164 Resp: 194861
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 1.200 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion:330 Resp: 2383
Ion Ratio Lower Upper
330 100
332 106.3 78.8 118.2
141 32.9 25.4 38.2

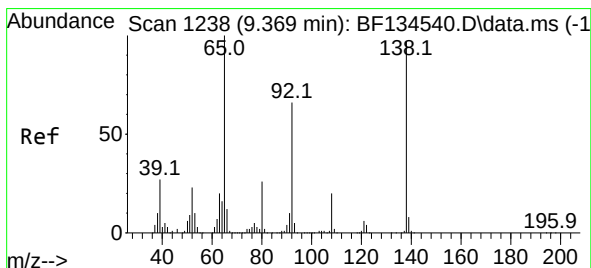
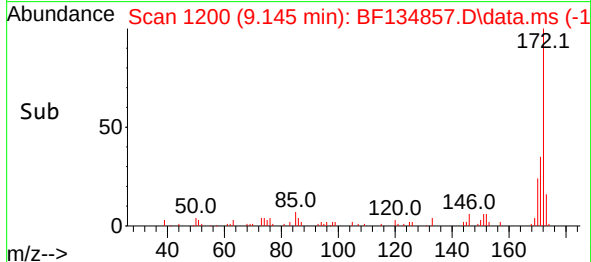
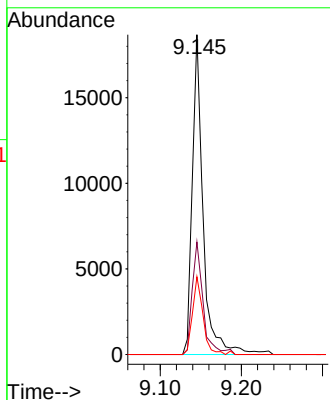
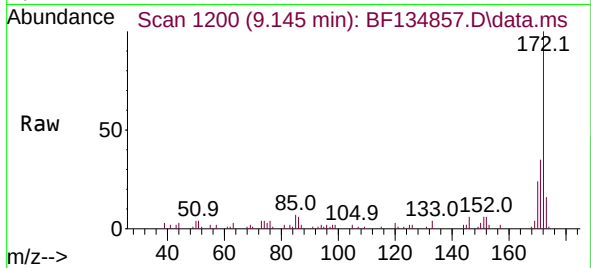




#45
2-Fluorobiphenyl
Concen: 1.480 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

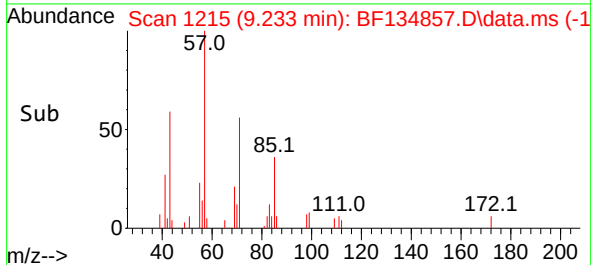
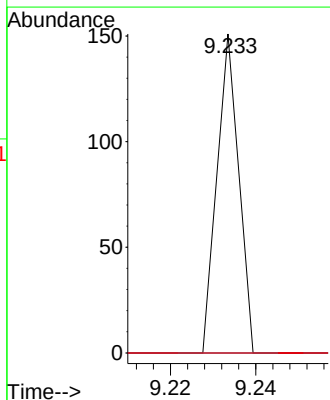
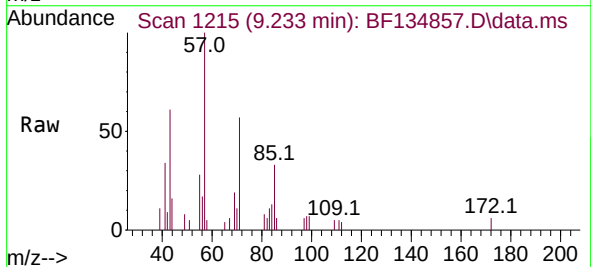
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

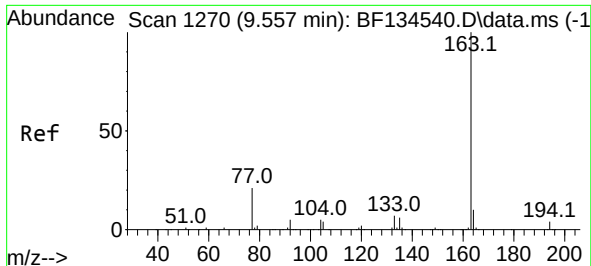
Tgt Ion:172 Resp: 17340
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.3 18.7 28.1



#48
2-Nitroaniline
Concen: 3.180 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.147 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#

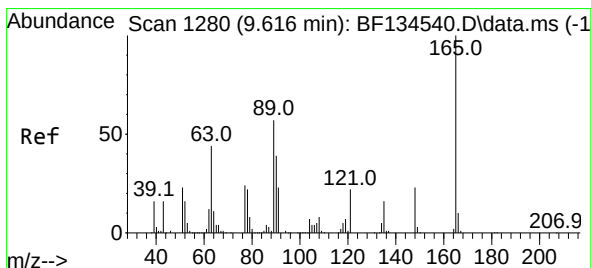
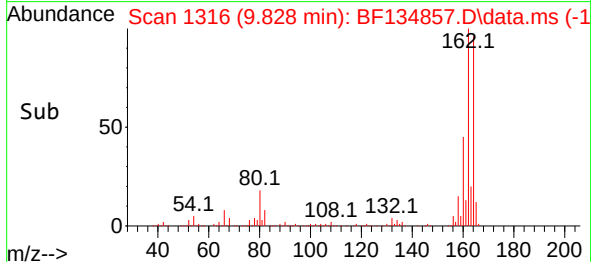
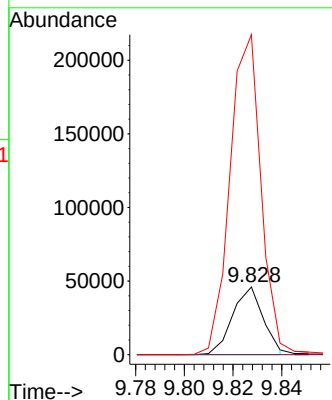
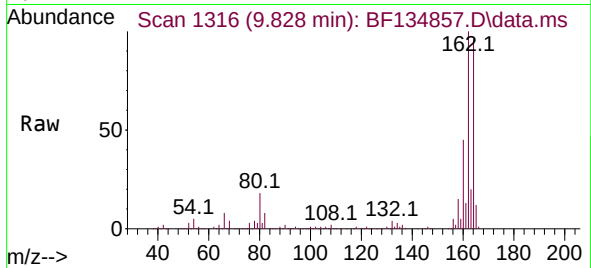




#50
Dimethylphthalate
Concen: 3.037 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

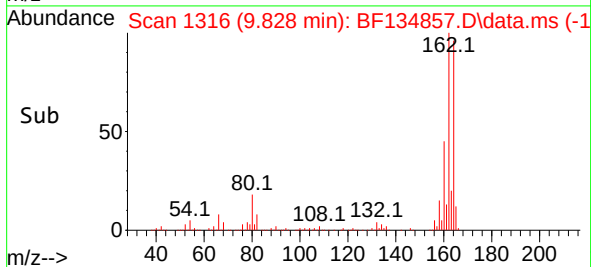
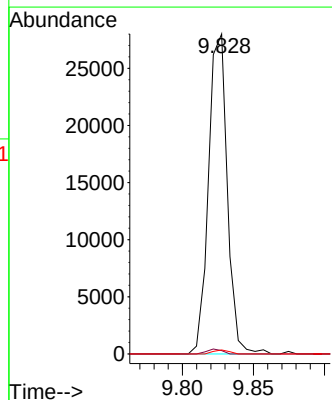
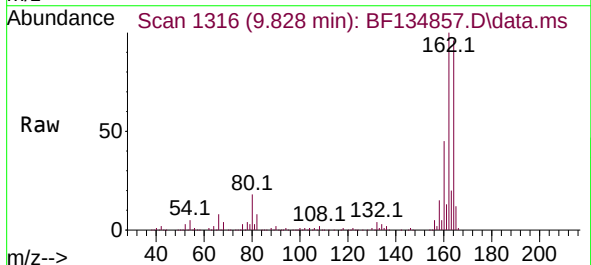
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

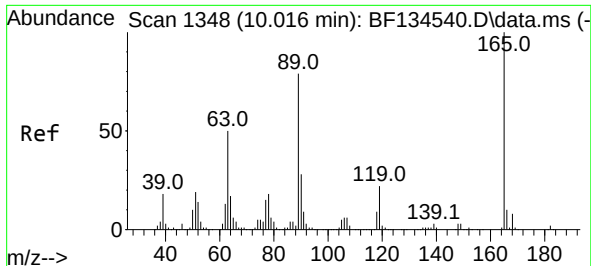
Tgt Ion:163 Resp: 40340
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 473.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.476 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion:165 Resp: 25777
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.2 51.8 77.8#

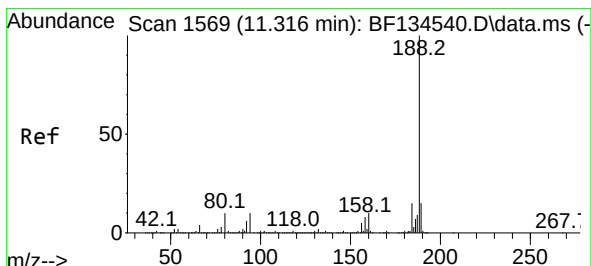
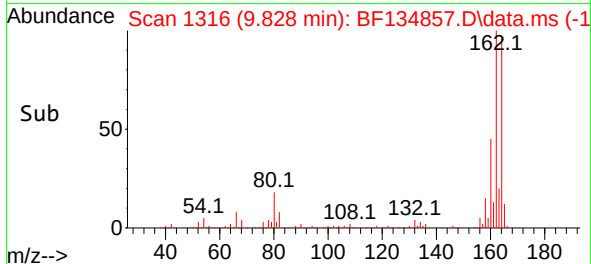
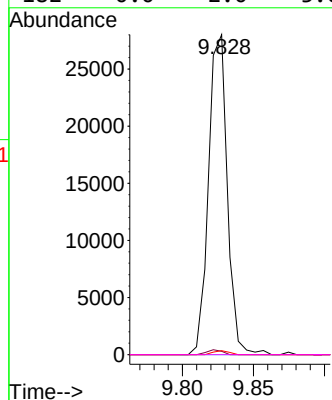
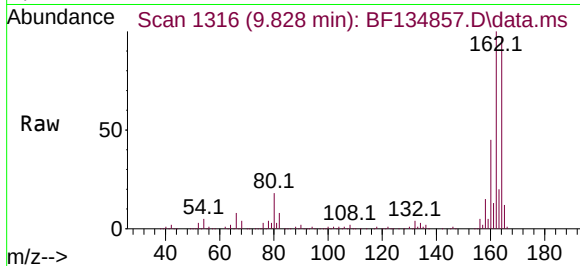




#57
2,4-Dinitrotoluene
Concen: 10.228 ng
RT: 9.828 min Scan# 1348
Delta R.T. -0.200 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

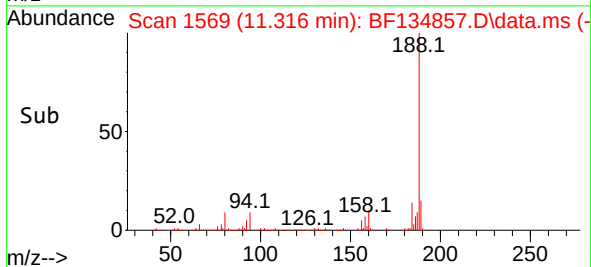
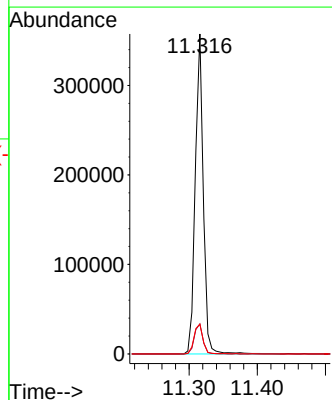
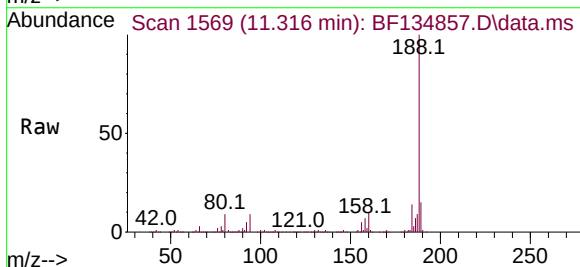
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

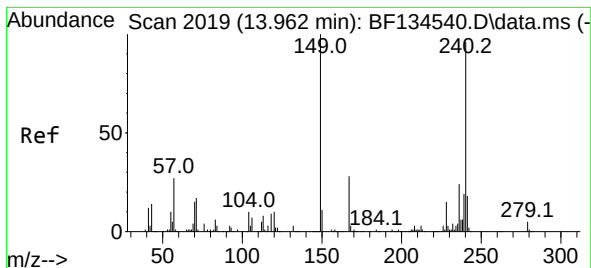
Tgt Ion:	165	Resp:	25777
Ion Ratio	Lower	Upper	
165	100		
63	1.0	48.9	73.3#
89	1.2	61.7	92.5#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion:	188	Resp:	292630
Ion Ratio	Lower	Upper	
188	100		
94	9.4	5.1	7.7#
80	9.3	6.6	9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

Instrument :

BNA_F

ClientSampleId :

SU-04-081723

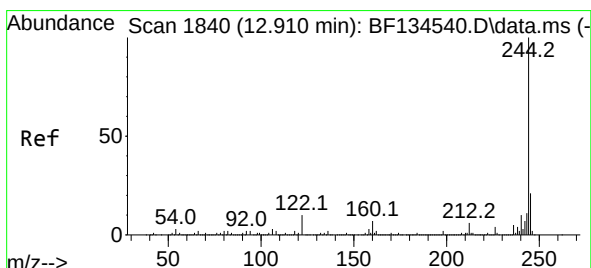
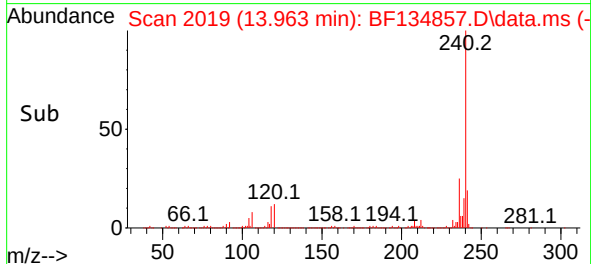
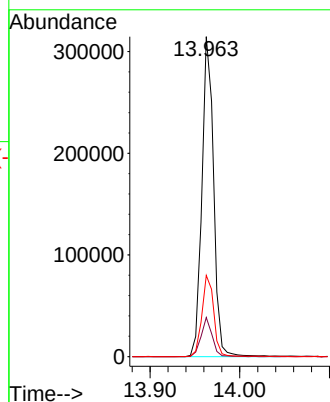
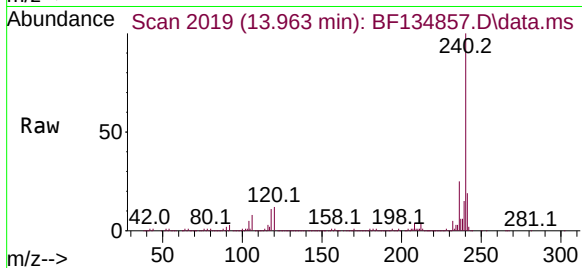
Tgt Ion:240 Resp: 284958

Ion Ratio Lower Upper

240 100

120 12.2 6.6 10.0#

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 0.964 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.018 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

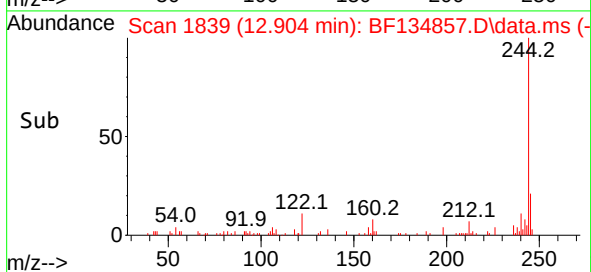
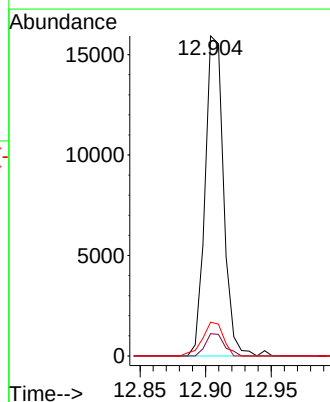
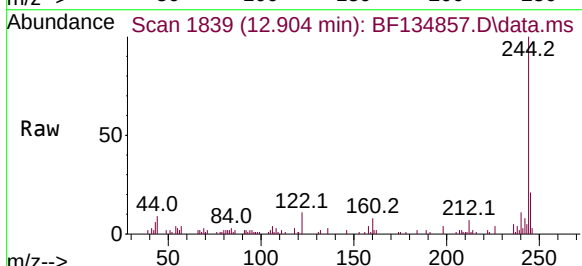
Tgt Ion:244 Resp: 15589

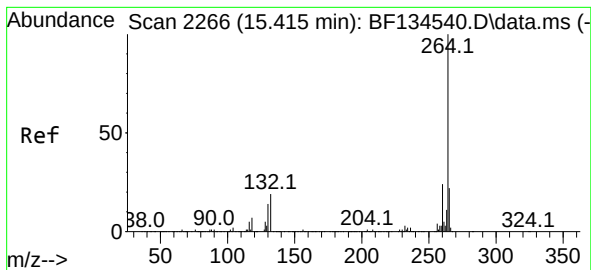
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.5 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134857.D
 Acq: 19 Aug 2023 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081723

Tgt Ion:264 Resp: 192072
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 20.7 15.8 23.8

