

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132014.D
 Acq On : 11 Jan 2023 00:43
 Operator : CG\JU
 Sample : 01090-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-010923

Quant Time: Jan 11 02:41:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

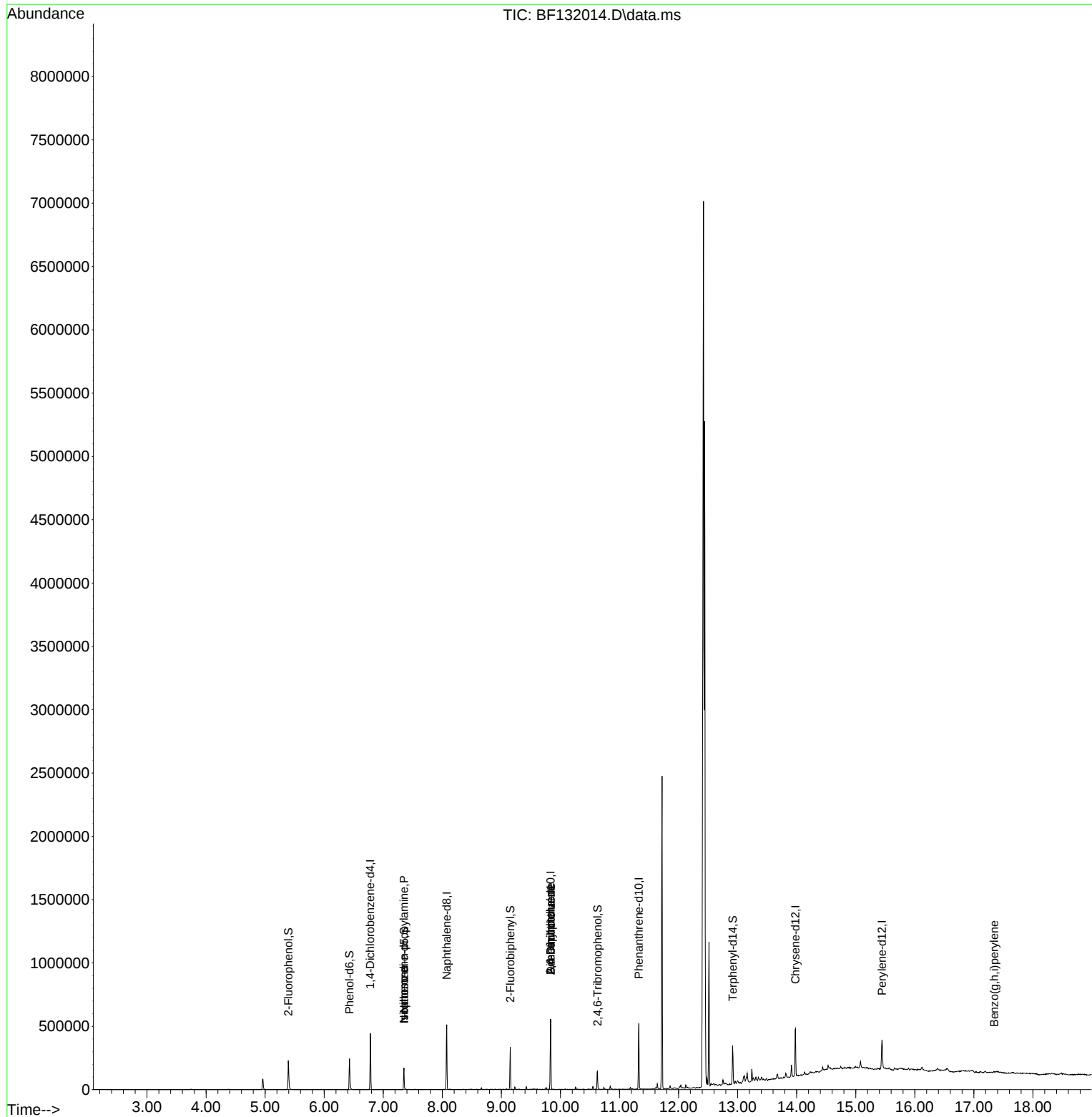
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58567	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	194262	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	93590	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	177776	20.000	ng	0.00
76) Chrysene-d12	13.980	240	129207	20.000	ng	0.00
86) Perylene-d12	15.445	264	101884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	62018	17.449	ng	0.00
7) Phenol-d6	6.428	99	78703	16.701	ng	0.00
23) Nitrobenzene-d5	7.351	82	50609	10.812	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	15537	14.439	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	83059	11.981	ng	-0.01
79) Terphenyl-d14	12.916	244	93021	10.319	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	6880	2.018	ng	# 78
25) Isophorone	7.351	82	50512	5.777	ng	# 69
50) Dimethylphthalate	9.833	163	19477	2.670	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	12558	8.185	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	12558	6.122	ng	# 12
92) Benzo(g,h,i)perylene	17.345	276	986	3.688	ng	# 1

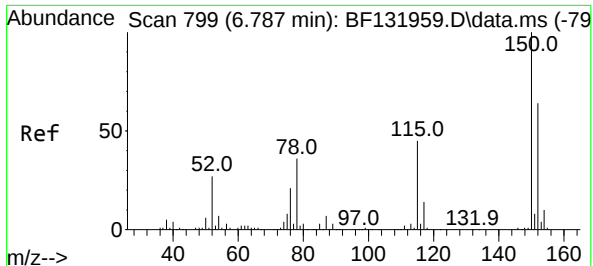
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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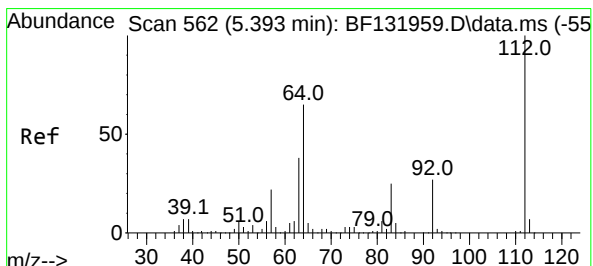
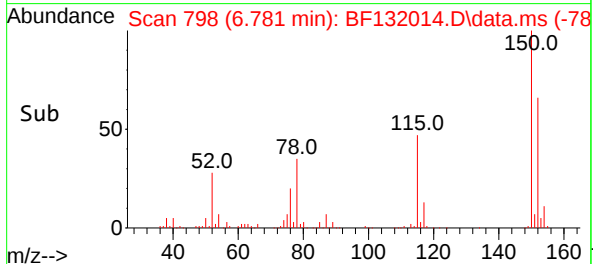
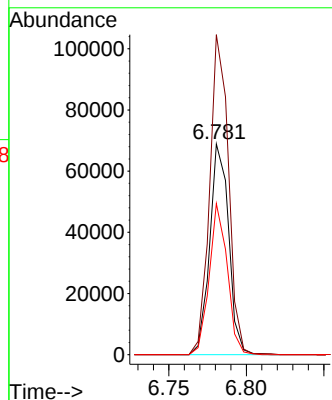
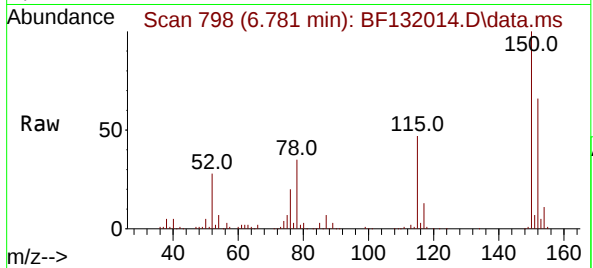




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

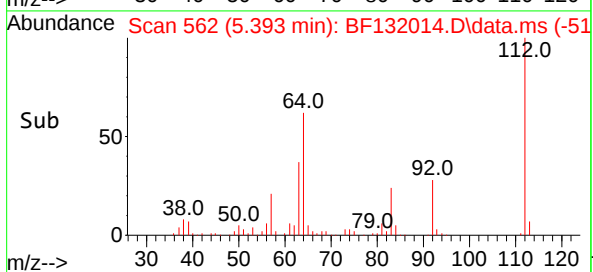
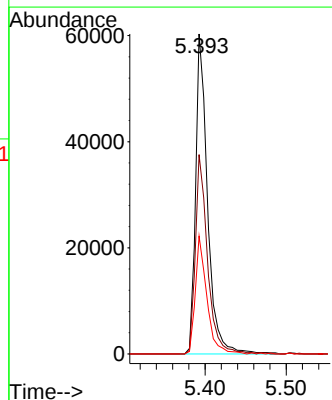
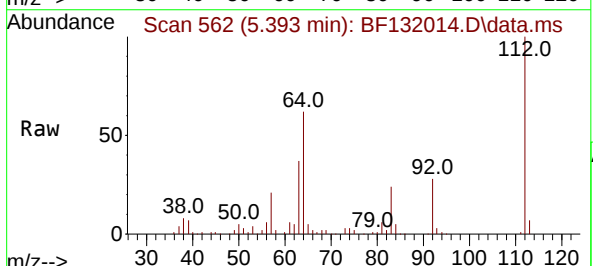
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

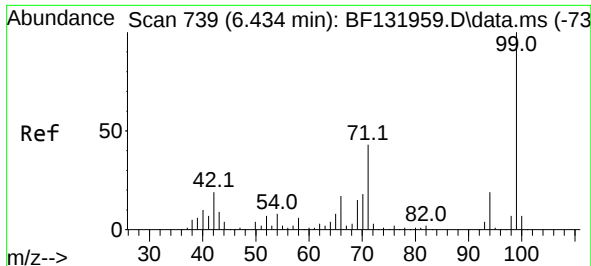
Tgt Ion:152 Resp: 58567
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 71.7 55.6 83.4



#5
2-Fluorophenol
Concen: 17.449 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Tgt Ion:112 Resp: 62018
Ion Ratio Lower Upper
112 100
64 62.3 51.9 77.9
63 36.8 30.2 45.2

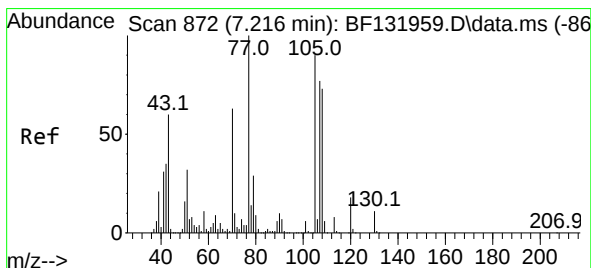
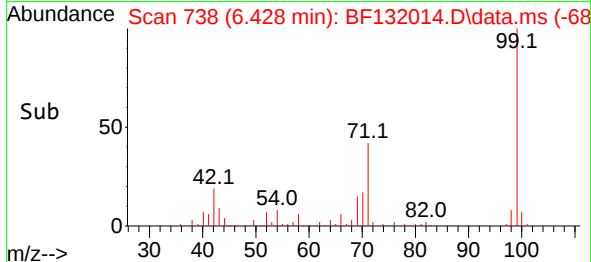
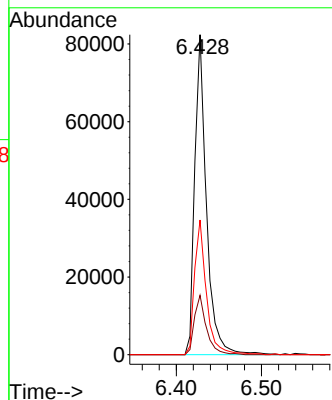
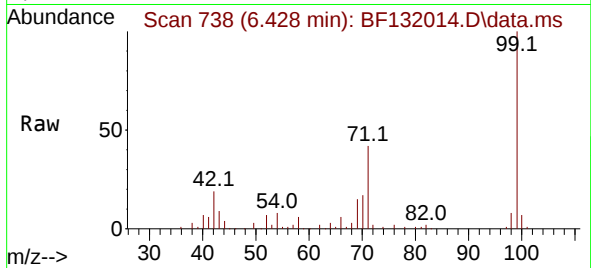




#7
Phenol-d6
Concen: 16.701 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

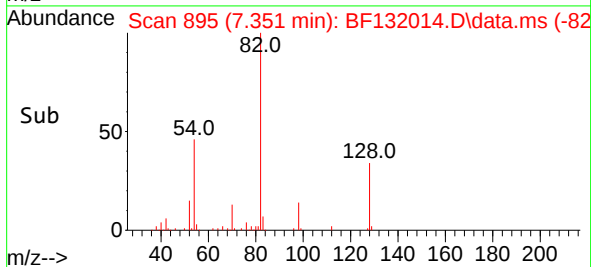
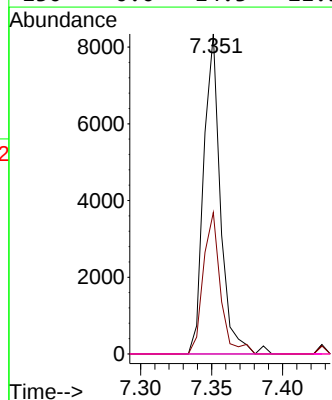
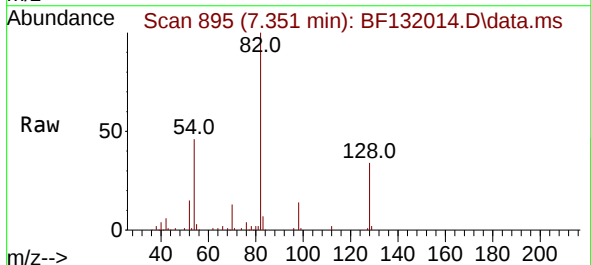
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

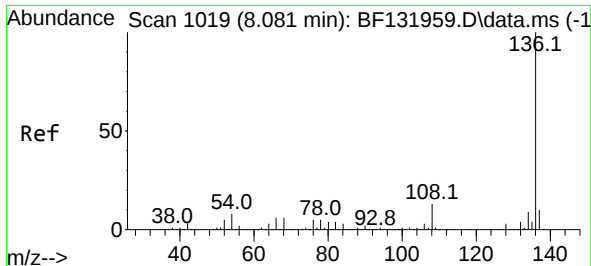
Tgt Ion: 99 Resp: 78703
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.2
71 42.1 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.018 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Tgt Ion: 70 Resp: 6880
Ion Ratio Lower Upper
70 100
42 44.2 44.3 66.5#
101 0.0 7.5 11.3#
130 0.0 14.3 21.5#





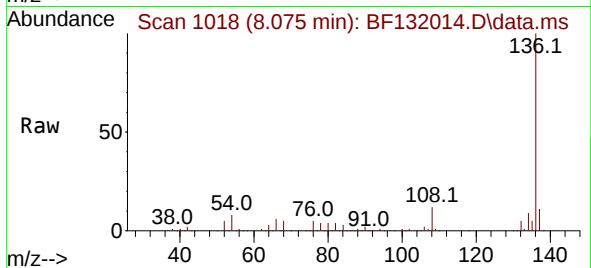
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Instrument :

BNA_F

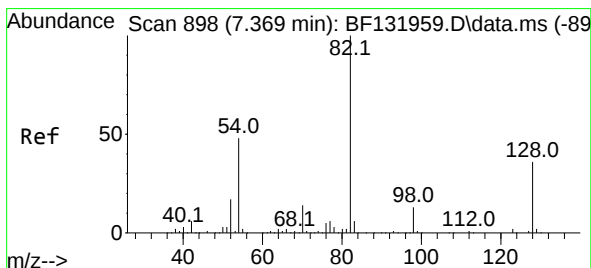
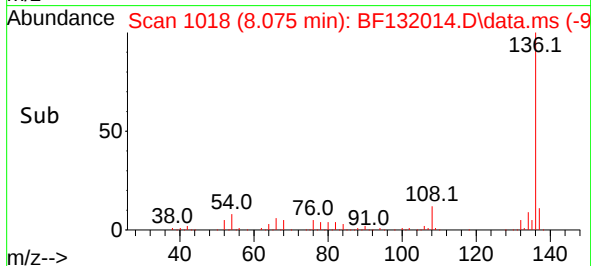
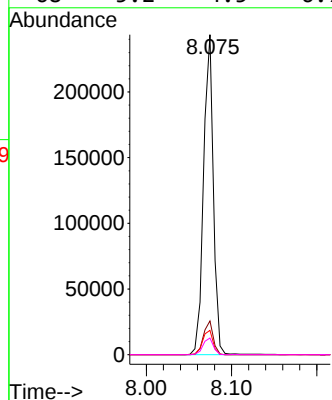
ClientSampleId :

SU-3-010923



Tgt Ion:136 Resp: 194262

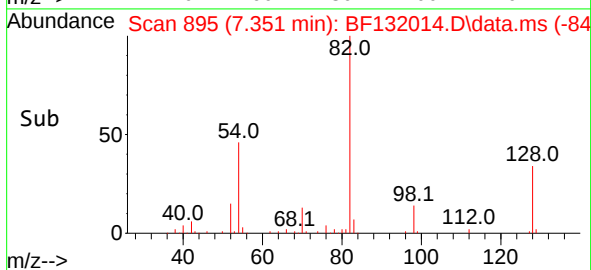
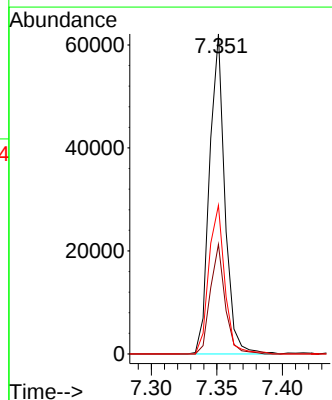
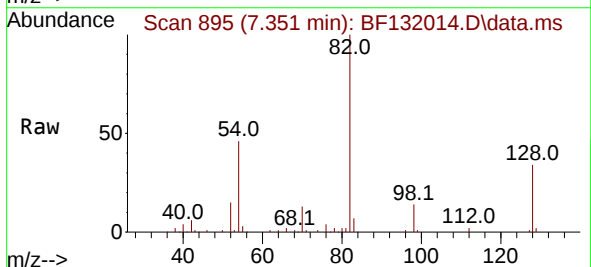
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	7.6	6.6	9.8
68	5.2	4.5	6.7

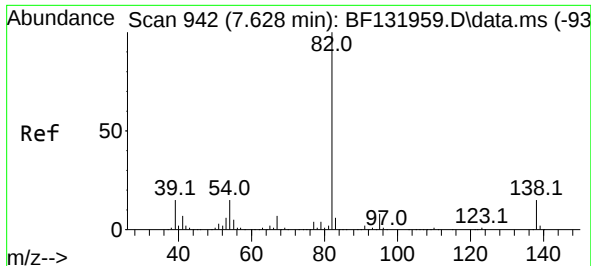


#23
Nitrobenzene-d5
Concen: 10.812 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Tgt Ion: 82 Resp: 50609

Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.7	43.1
54	46.4	38.1	57.1

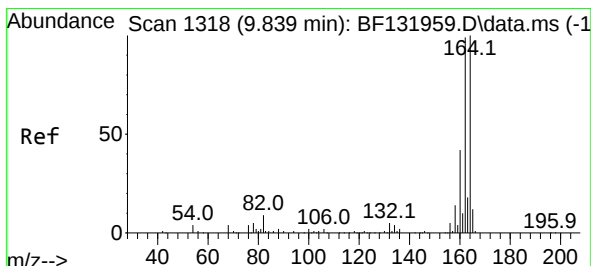
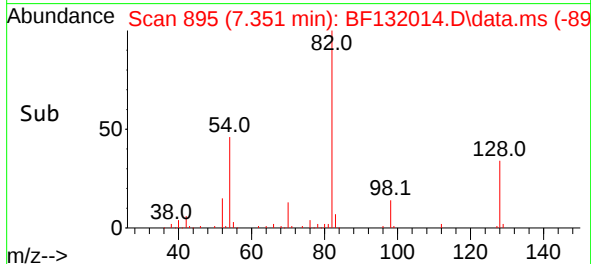
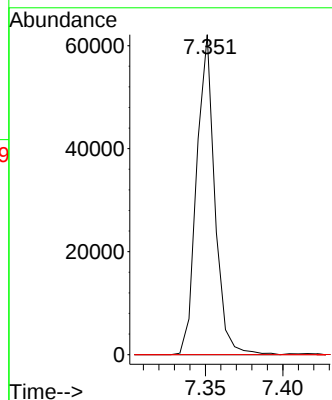
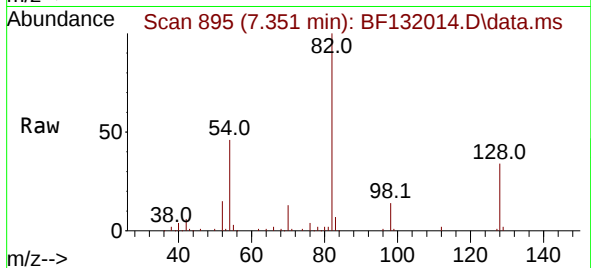




#25
Isophorone
Concen: 5.777 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

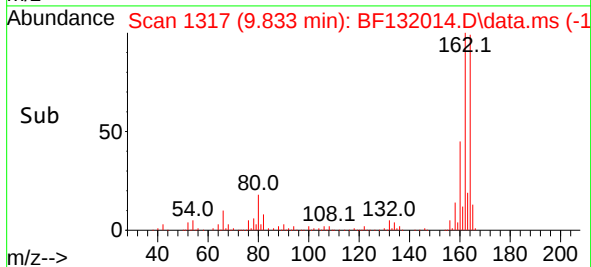
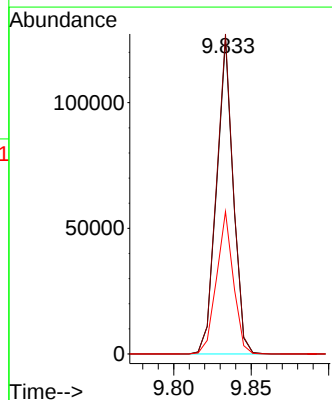
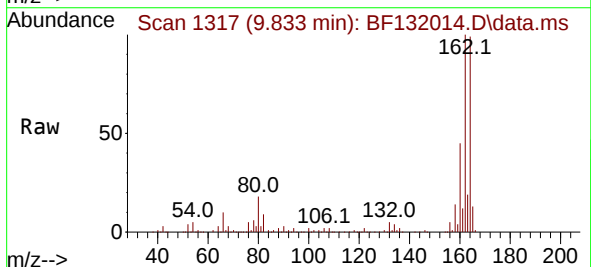
Instrument :
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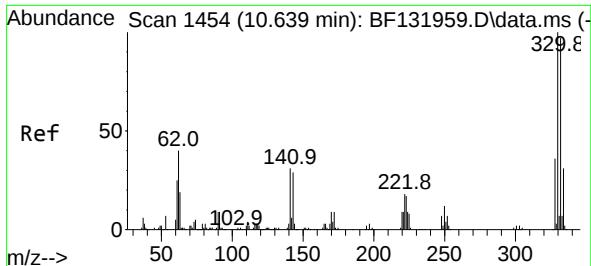
Tgt Ion: 82 Resp: 50512
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Tgt Ion: 164 Resp: 93590
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.0
160 45.2 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 14.439 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF132014.D

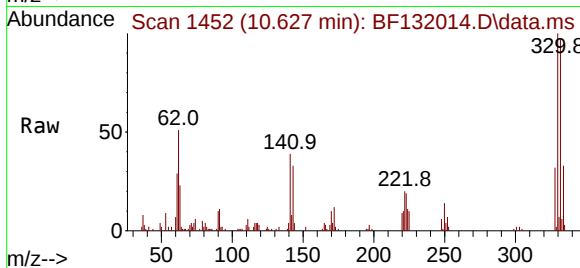
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Instrument :

BNA_F

ClientSampleId :

SU-3-010923



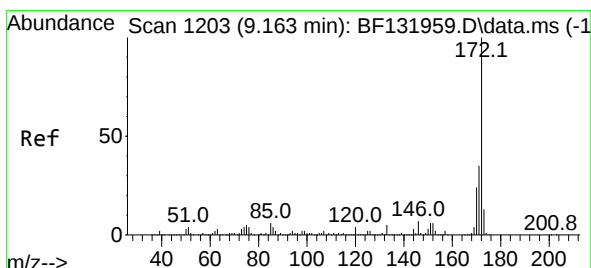
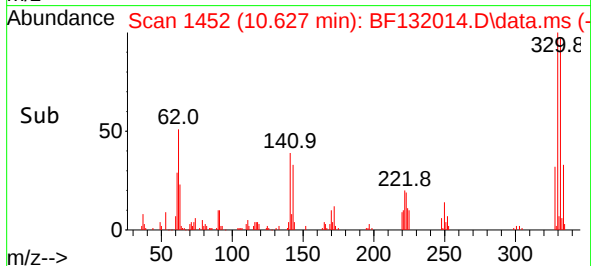
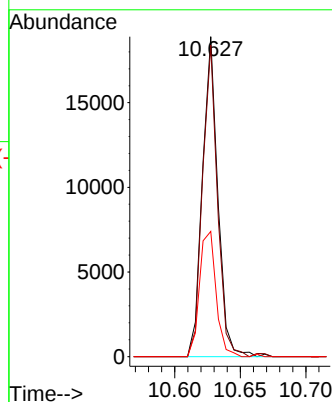
Tgt Ion: 330 Resp: 15537

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

141 42.0 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 11.981 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132014.D

Acq: 11 Jan 2023 00:43

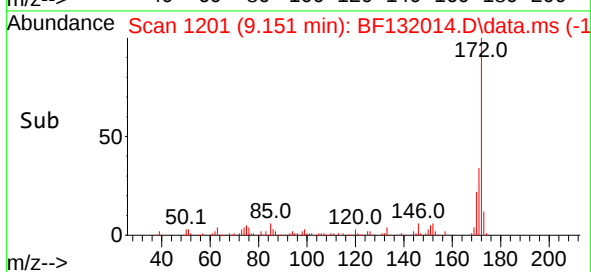
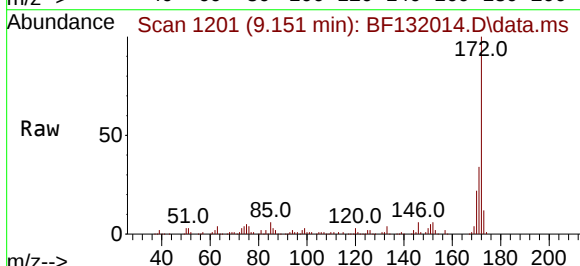
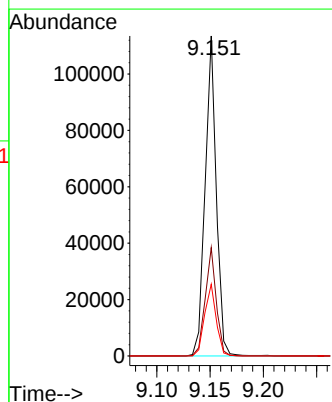
Tgt Ion: 172 Resp: 83059

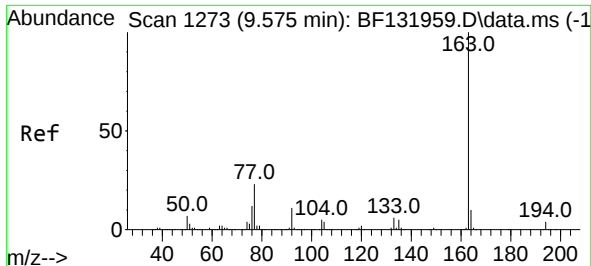
Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

170 22.4 18.9 28.3

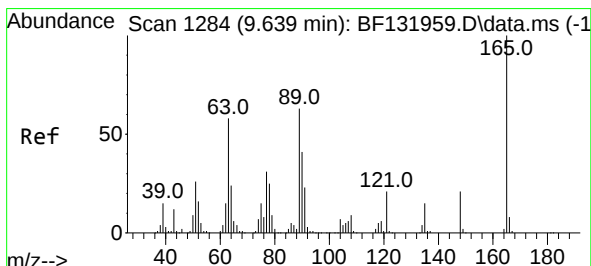
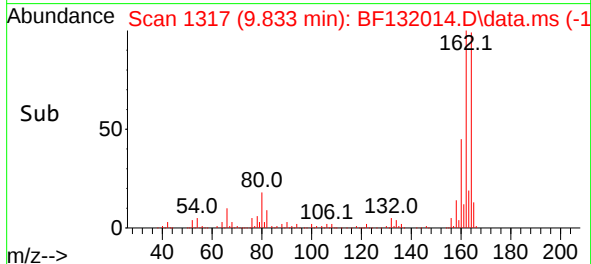
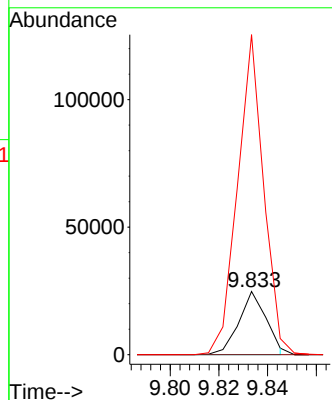
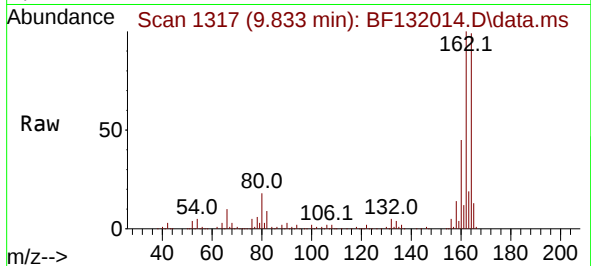




#50
Dimethylphthalate
Concen: 2.670 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

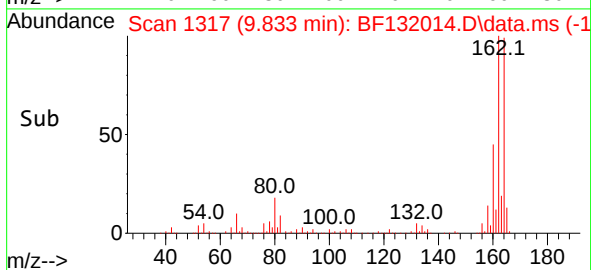
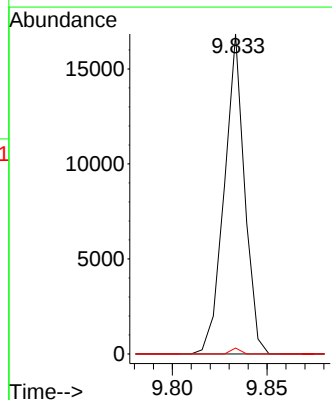
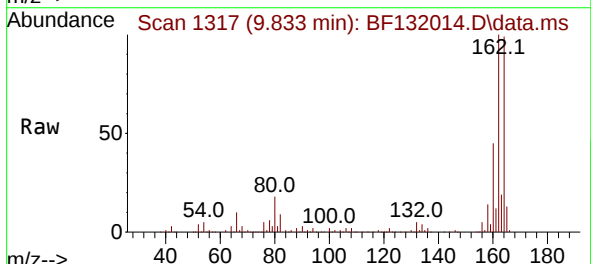
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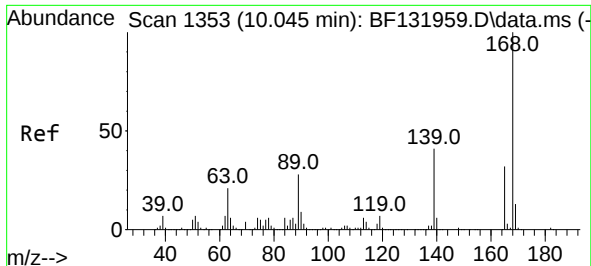
Tgt Ion:163 Resp: 19477
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 506.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.185 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Tgt Ion:165 Resp: 12558
Ion Ratio Lower Upper
165 100
63 0.0 47.4 71.0#
89 1.9 50.2 75.2#

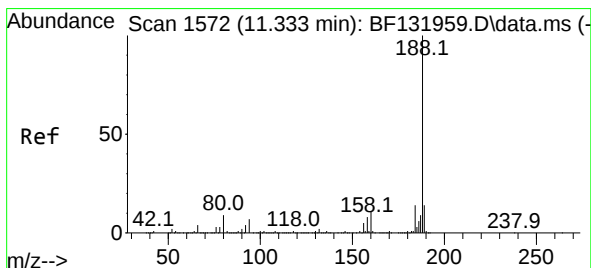
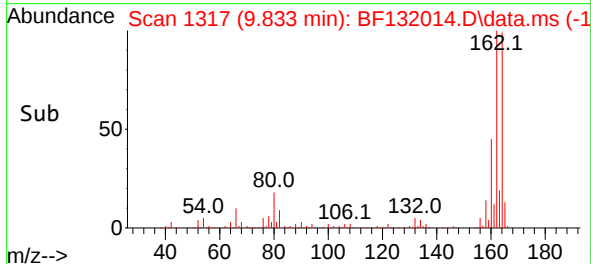
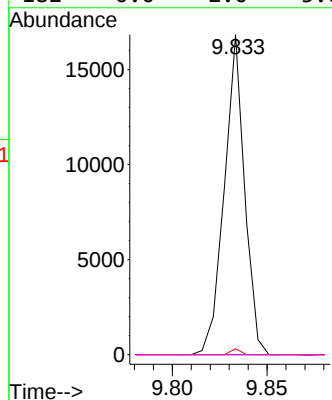
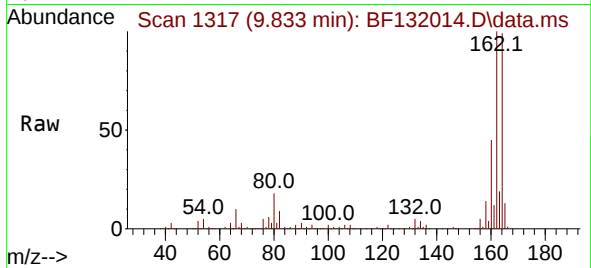




#57
2,4-Dinitrotoluene
Concen: 6.122 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

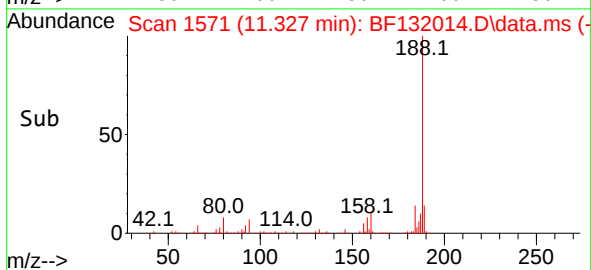
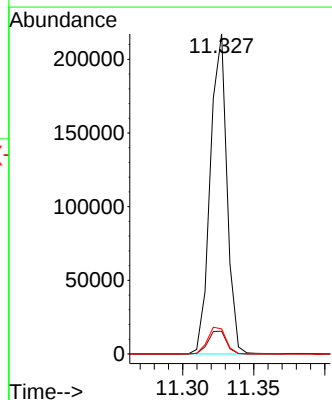
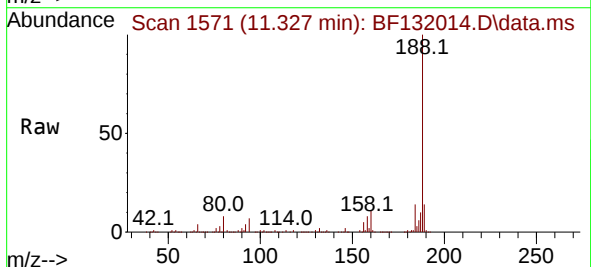
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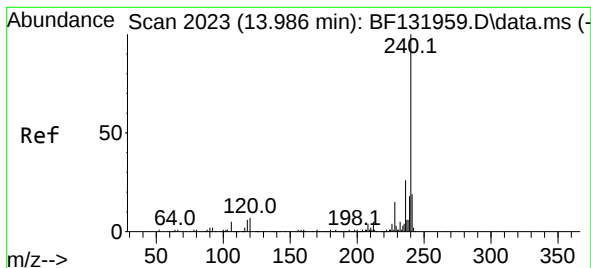
Tgt Ion:165 Resp: 12558
Ion Ratio Lower Upper
165 100
63 0.0 53.2 79.8#
89 1.9 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF132014.D
Acq: 11 Jan 2023 00:43

Tgt Ion:188 Resp: 177776
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.8 7.4 11.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132014.D

Acq: 11 Jan 2023 00:43

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

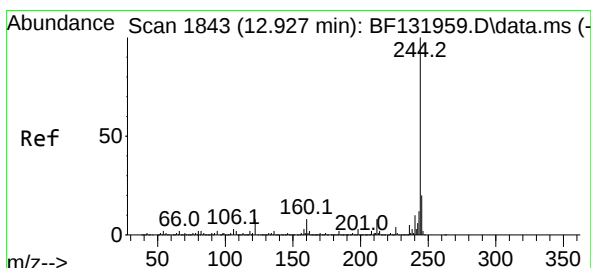
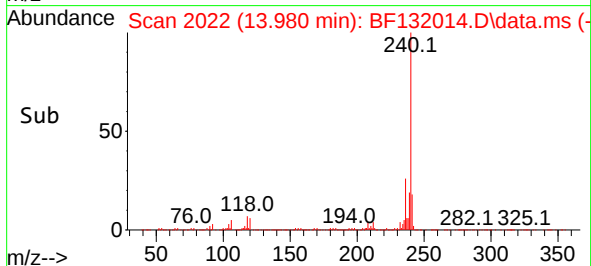
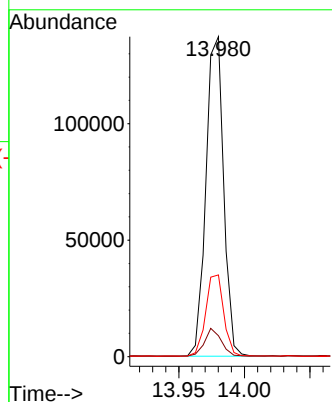
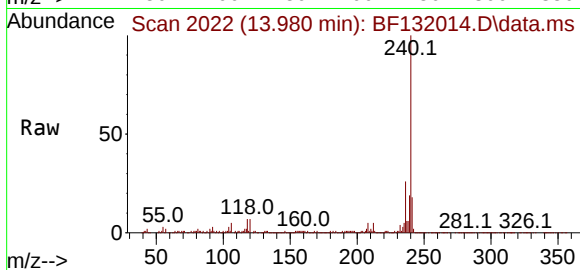
Tgt Ion:240 Resp: 129207

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 25.5 21.1 31.7



#79

Terphenyl-d14

Concen: 10.319 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF132014.D

Acq: 11 Jan 2023 00:43

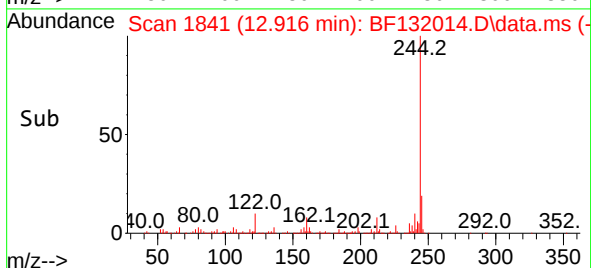
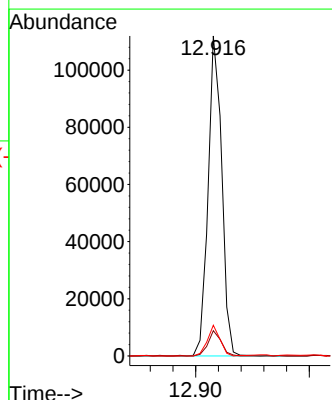
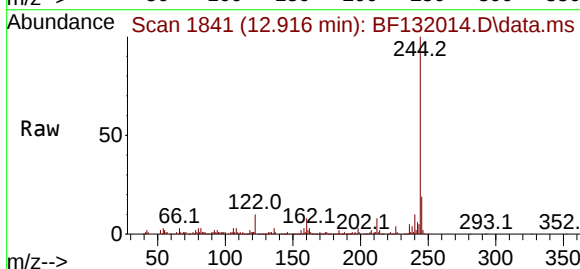
Tgt Ion:244 Resp: 93021

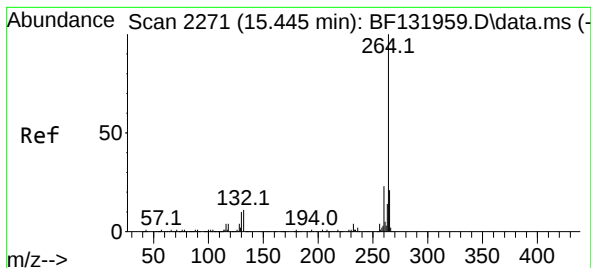
Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 9.6 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132014.D

Acq: 11 Jan 2023 00:43

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

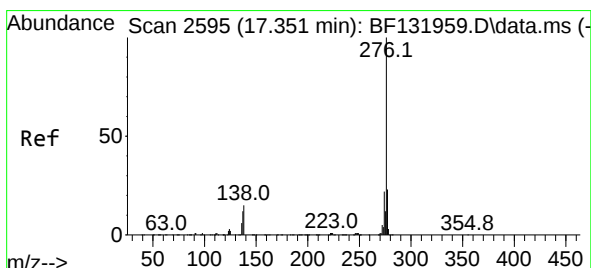
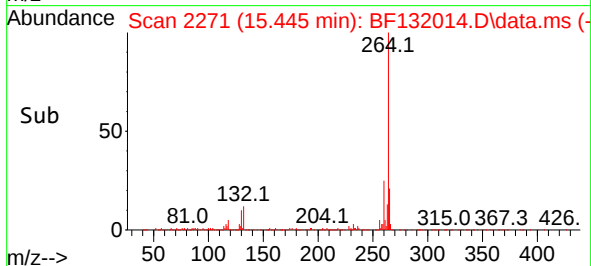
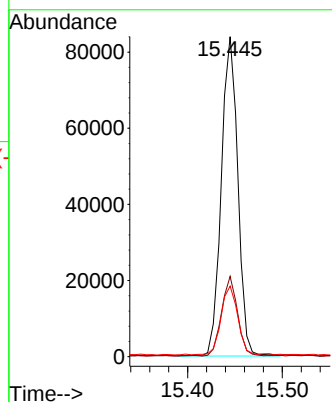
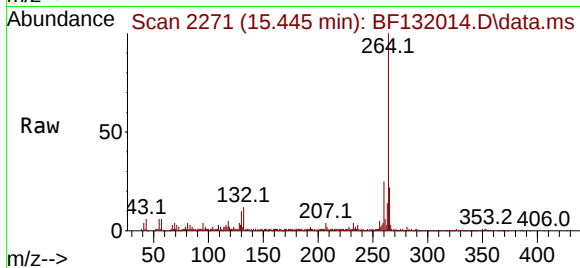
Tgt Ion:264 Resp: 101884

Ion Ratio Lower Upper

264 100

260 25.1 18.3 27.5

265 22.1 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.688 ng

RT: 17.345 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BF132014.D

Acq: 11 Jan 2023 00:43

Tgt Ion:276 Resp: 986

Ion Ratio Lower Upper

276 100

277 83.7 18.2 27.2#

138 44.6 11.7 17.5#

