

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132013.D
 Acq On : 11 Jan 2023 00:11
 Operator : CG\JU
 Sample : 01089-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-1-010923

Quant Time: Jan 11 02:40:41 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)

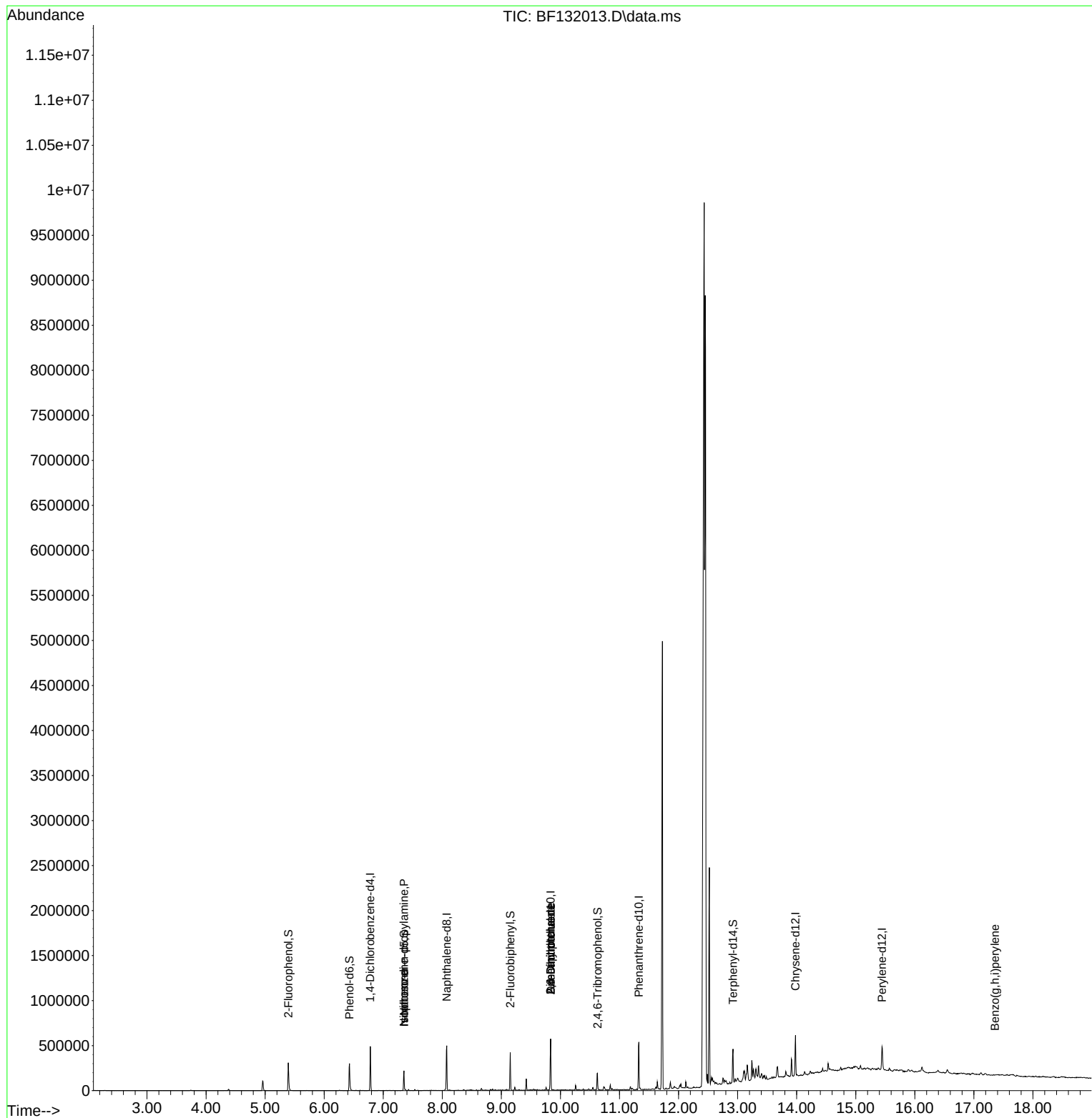
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	61042	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	198403	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	100019	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	189311	20.000	ng	0.00
76) Chrysene-d12	13.980	240	137085	20.000	ng	0.00
86) Perylene-d12	15.445	264	110470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	81488	21.997	ng	0.00
7) Phenol-d6	6.428	99	100354	20.432	ng	0.00
23) Nitrobenzene-d5	7.351	82	62359	13.045	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	19719	17.147	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	103546	13.976	ng	-0.01
79) Terphenyl-d14	12.922	244	116941	12.227	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	9840	2.769	ng	# 80
25) Isophorone	7.351	82	61275	6.861	ng	# 69
50) Dimethylphthalate	9.833	163	20815	2.670	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	12945	7.894	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	12945	5.905	ng	# 13
92) Benzo(g,h,i)perylene	17.357	276	3128	4.001	ng	# 80

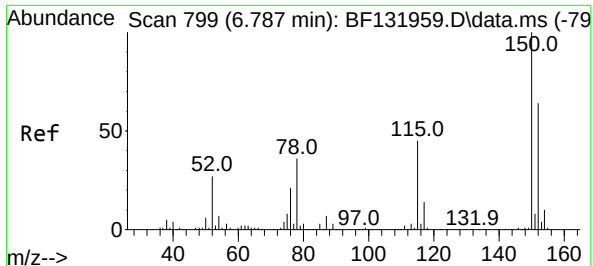
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
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QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

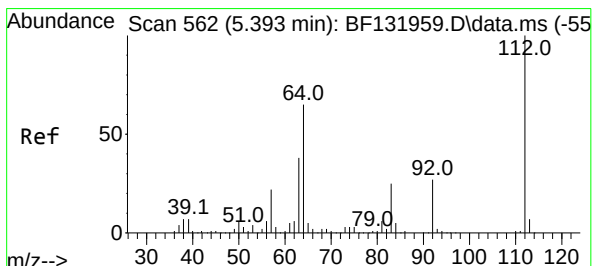
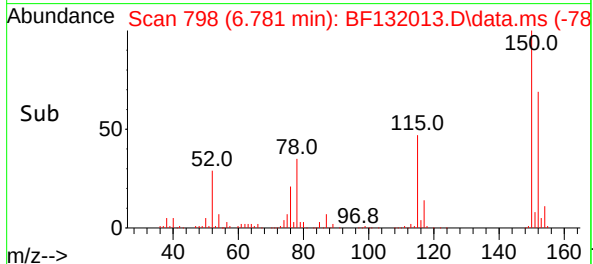
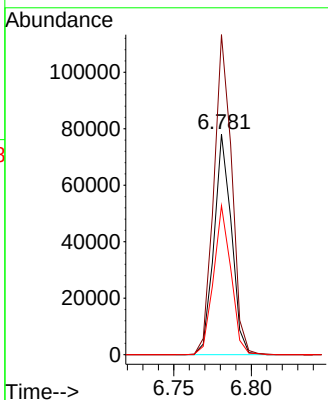
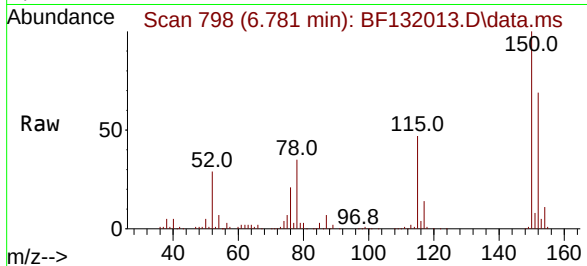




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132013.D
 Acq: 11 Jan 2023 00:11

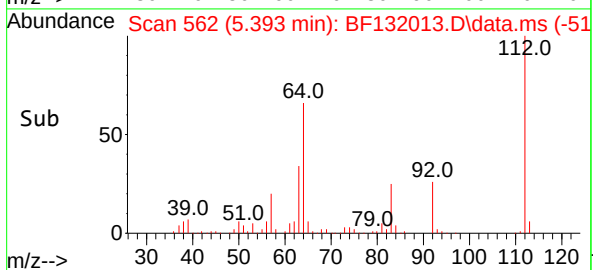
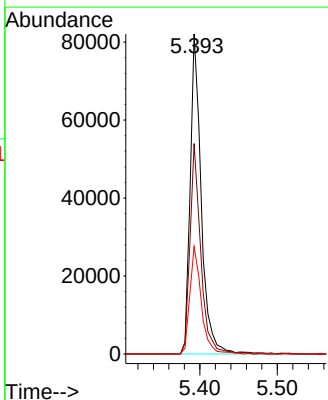
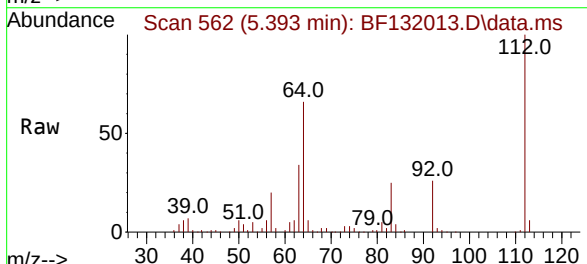
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-010923

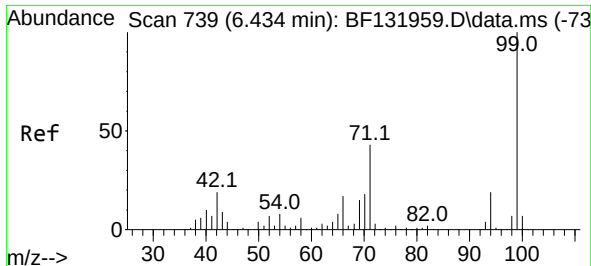
Tgt Ion:152 Resp: 61042
 Ion Ratio Lower Upper
 152 100
 150 145.1 124.6 186.8
 115 67.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 21.997 ng
 RT: 5.393 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: BF132013.D
 Acq: 11 Jan 2023 00:11

Tgt Ion:112 Resp: 81488
 Ion Ratio Lower Upper
 112 100
 64 65.7 51.9 77.9
 63 33.6 30.2 45.2

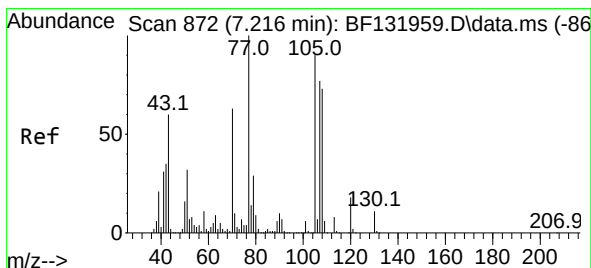
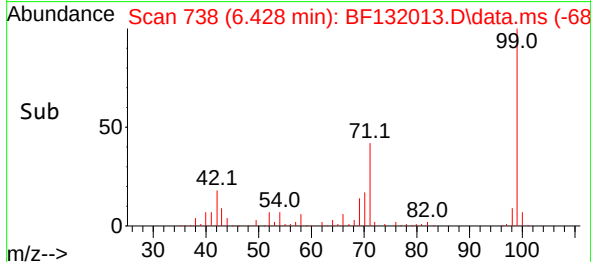
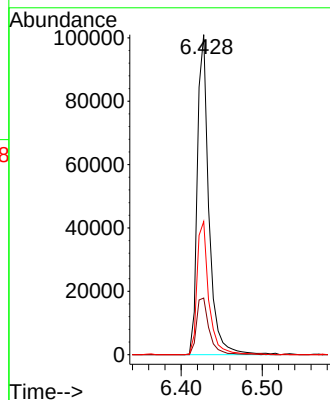
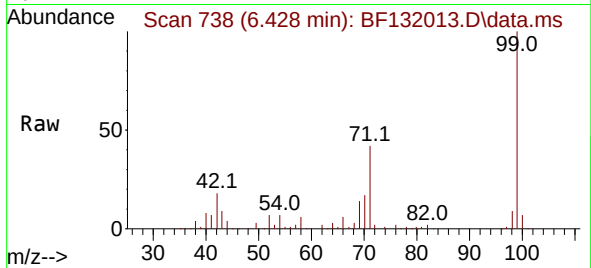




#7
Phenol-d6
Concen: 20.432 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

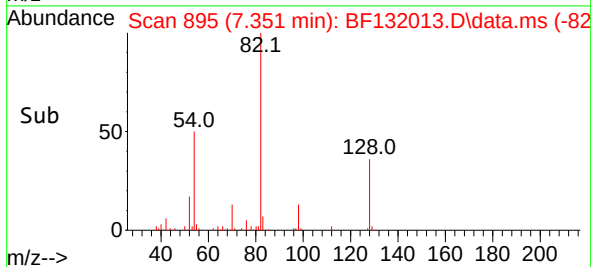
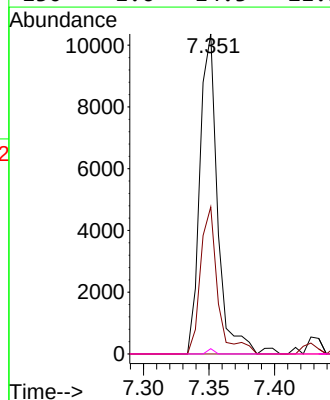
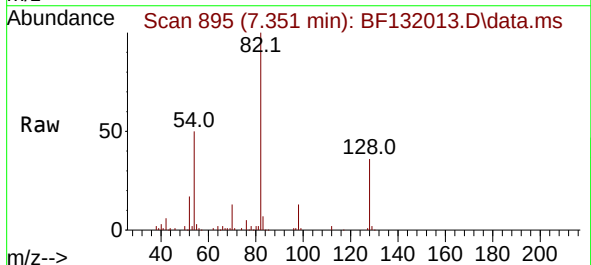
Instrument :
BNA_F
ClientSampleId :
PL-1-010923

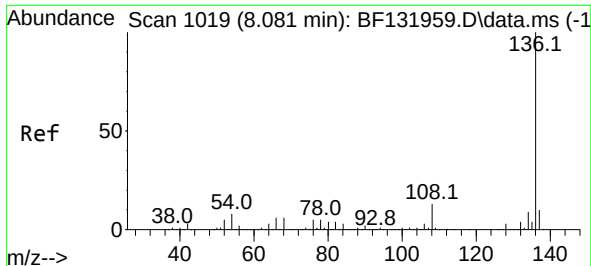
Tgt Ion: 99 Resp: 100354
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.2
71 41.6 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.769 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion: 70 Resp: 9840
Ion Ratio Lower Upper
70 100
42 45.9 44.3 66.5
101 0.0 7.5 11.3#
130 1.6 14.3 21.5#

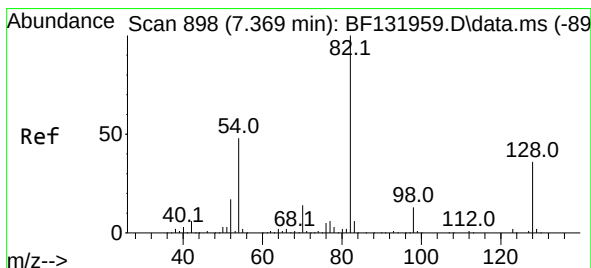
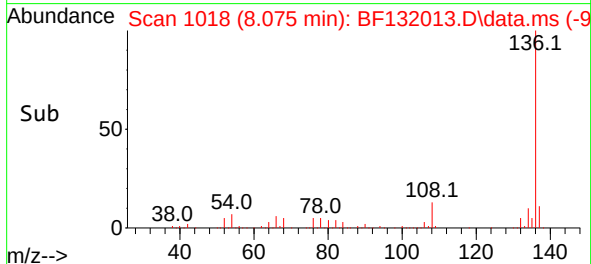
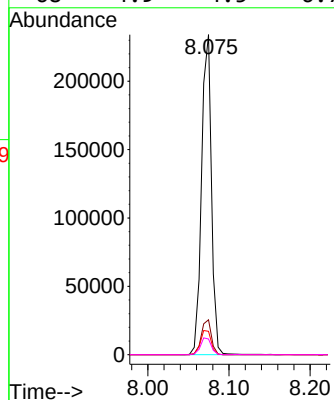
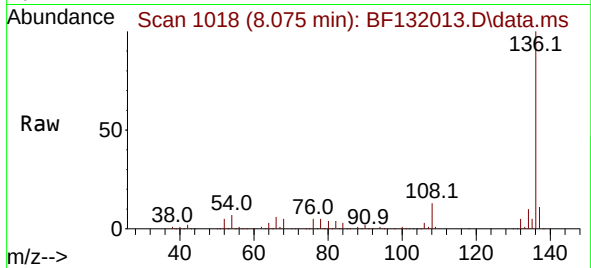




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

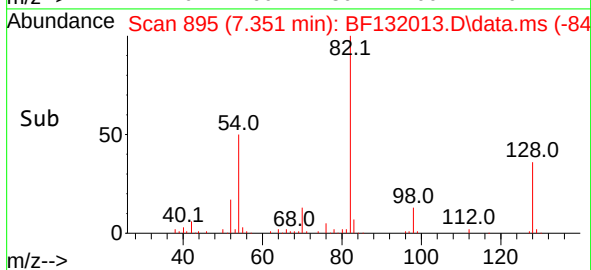
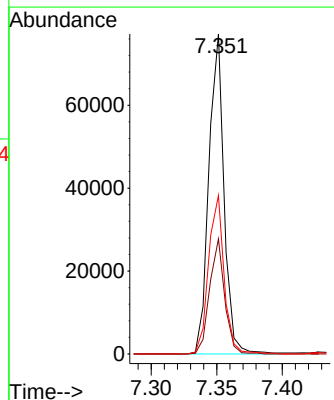
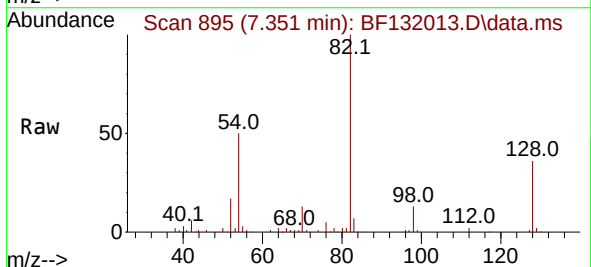
Instrument :
BNA_F
ClientSampleId :
PL-1-010923

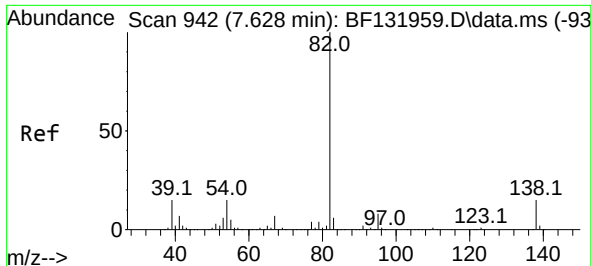
Tgt Ion:136 Resp: 198403
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.3 6.6 9.8
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 13.045 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion: 82 Resp: 62359
Ion Ratio Lower Upper
82 100
128 36.0 28.7 43.1
54 49.6 38.1 57.1

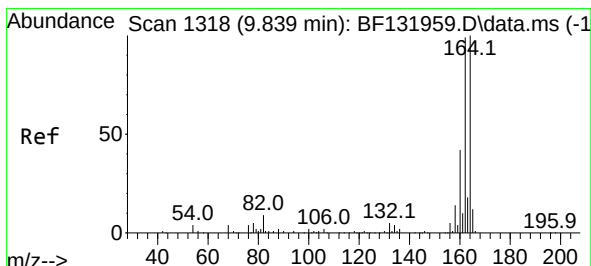
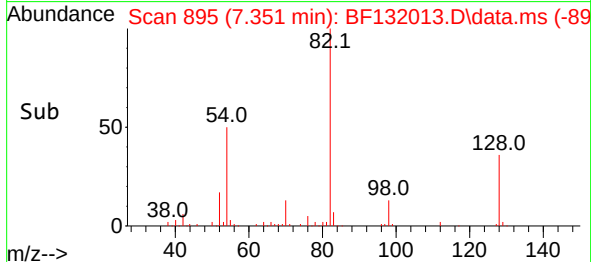
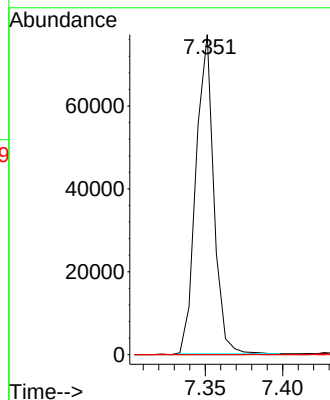
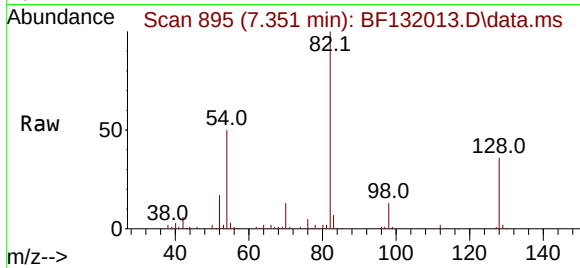




#25
Isophorone
Concen: 6.861 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.277 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

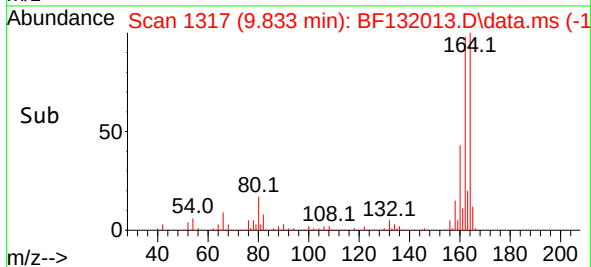
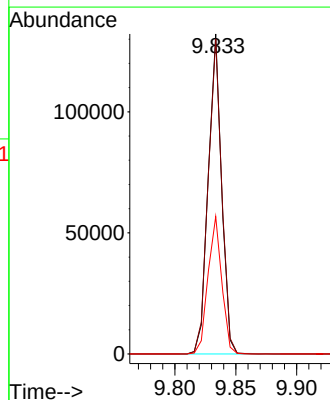
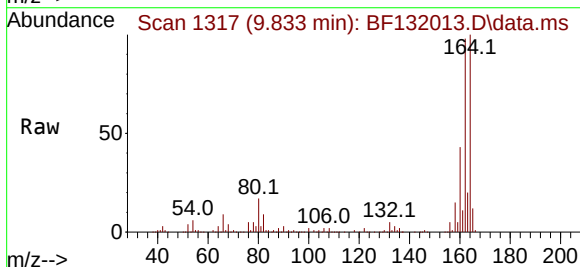
Instrument :
BNA_F
ClientSampleId :
PL-1-010923

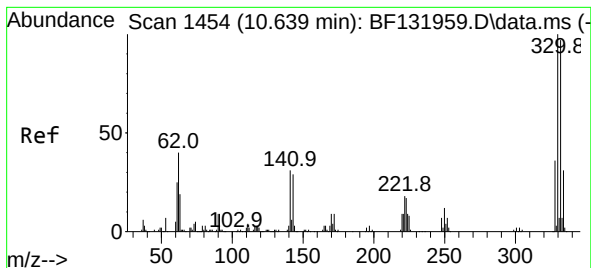
Tgt Ion: 82 Resp: 61275
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

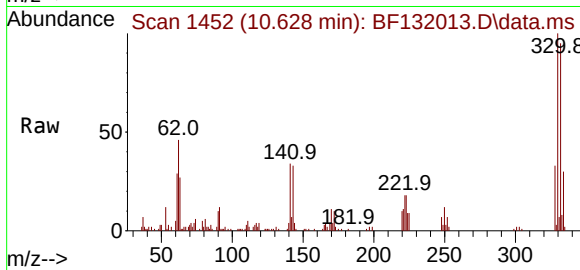
Tgt Ion: 164 Resp: 100019
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 42.9 33.9 50.9



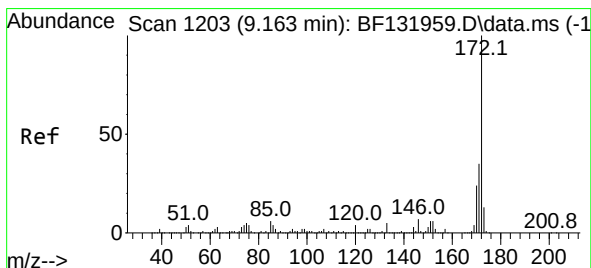
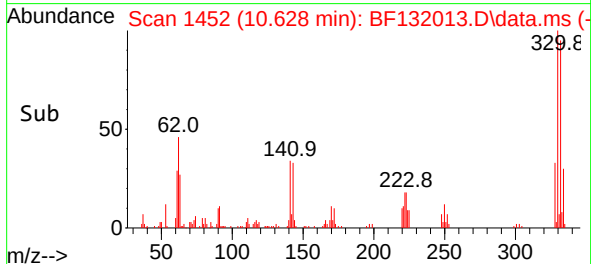
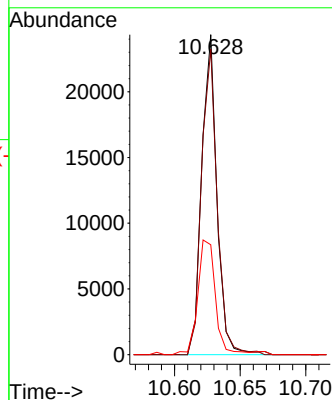


#42
2,4,6-Tribromophenol
Concen: 17.147 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Instrument :
BNA_F
ClientSampleId :
PL-1-010923

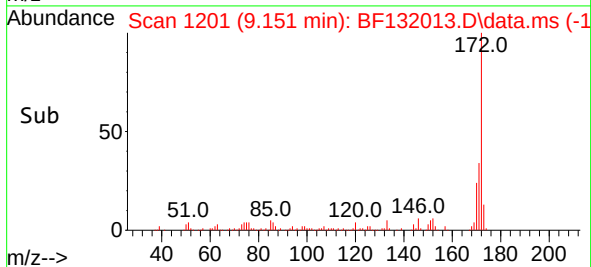
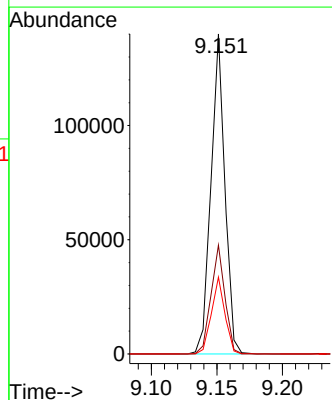
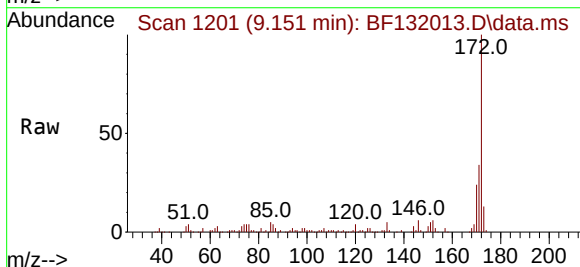


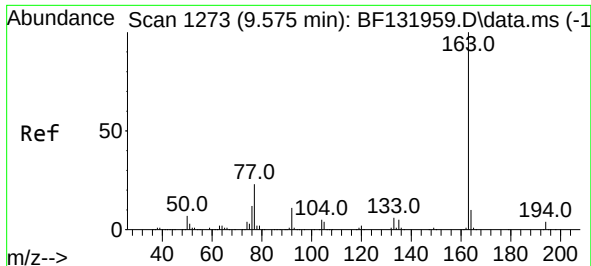
Tgt Ion: 330 Resp: 19719
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 42.4 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 13.976 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion: 172 Resp: 103546
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 24.0 18.9 28.3

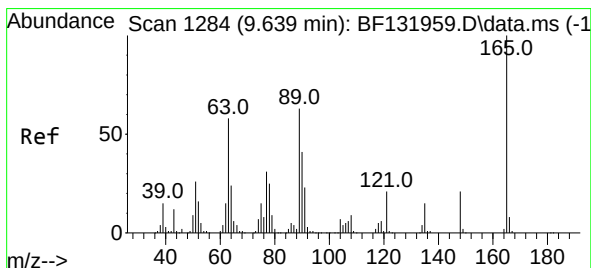
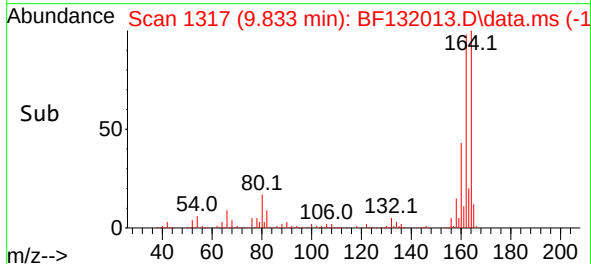
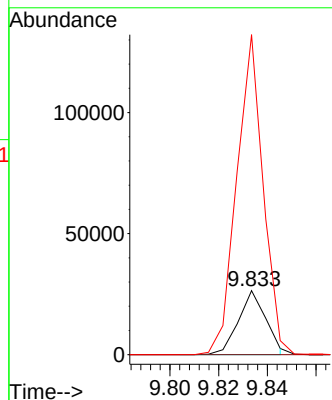
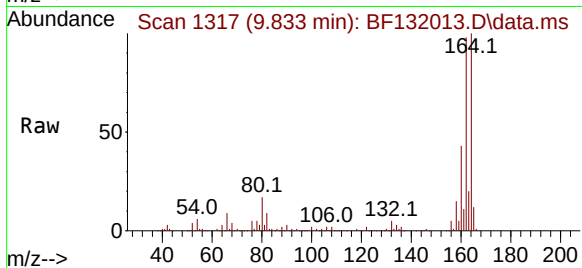




#50
Dimethylphthalate
Concen: 2.670 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

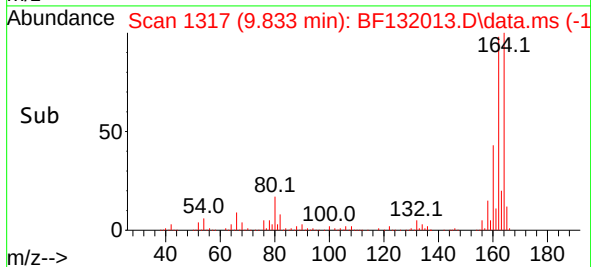
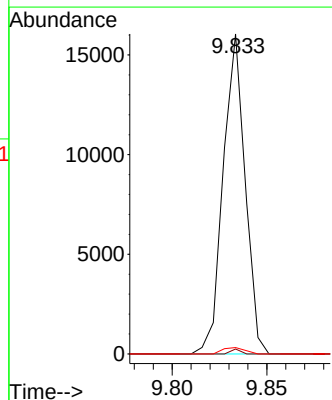
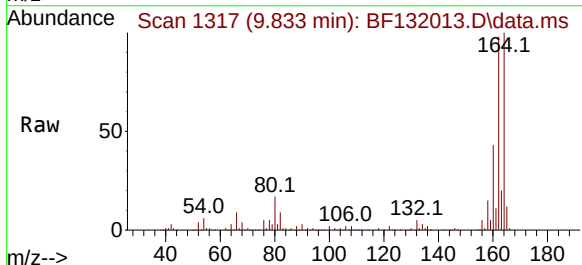
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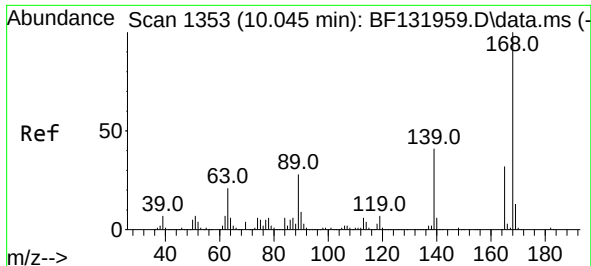
Tgt Ion:163 Resp: 20815
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 499.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.894 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion:165 Resp: 12945
Ion Ratio Lower Upper
165 100
63 1.6 47.4 71.0#
89 2.0 50.2 75.2#

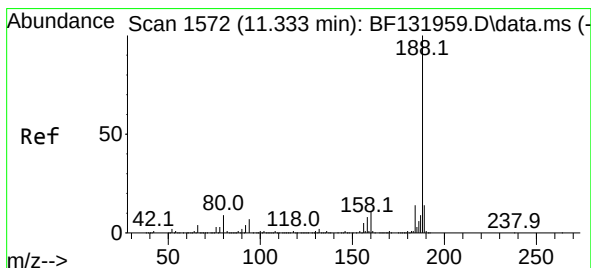
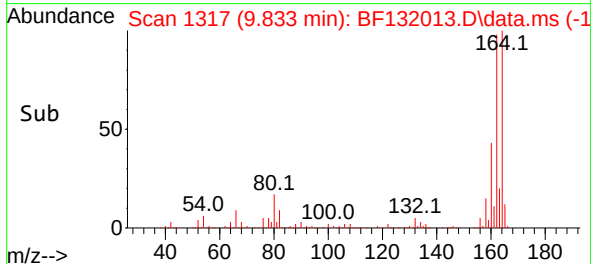
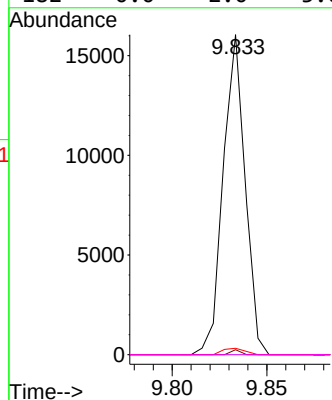
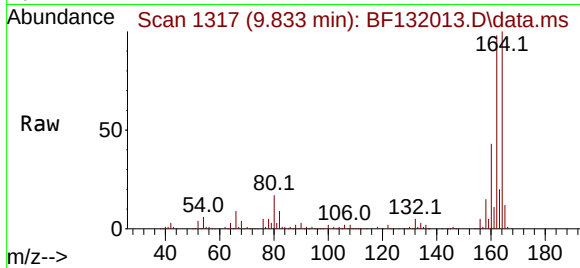




#57
2,4-Dinitrotoluene
Concen: 5.905 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

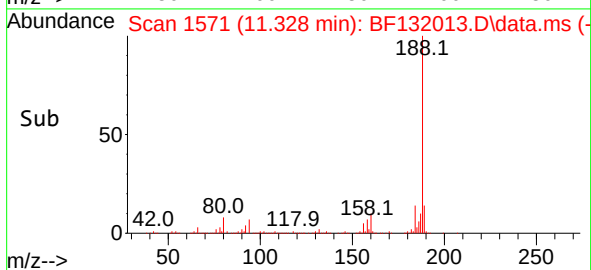
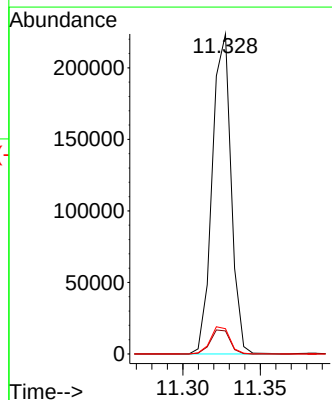
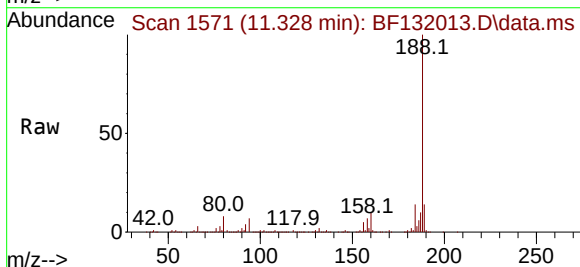
Instrument :
BNA_F
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PL-1-010923

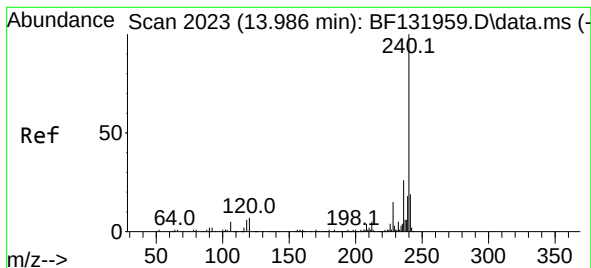
Tgt Ion:165 Resp: 12945
Ion Ratio Lower Upper
165 100
63 1.6 53.2 79.8#
89 2.0 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion:188 Resp: 189311
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 7.9 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: BF132013.D

Acq: 11 Jan 2023 00:11

Instrument :

BNA_F

ClientSampleId :

PL-1-010923

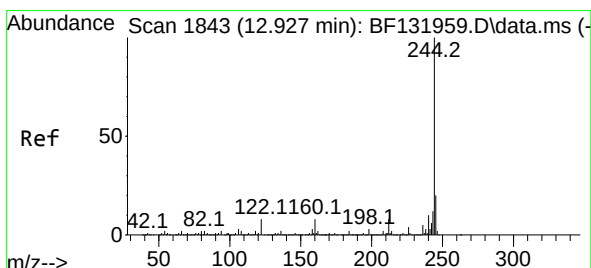
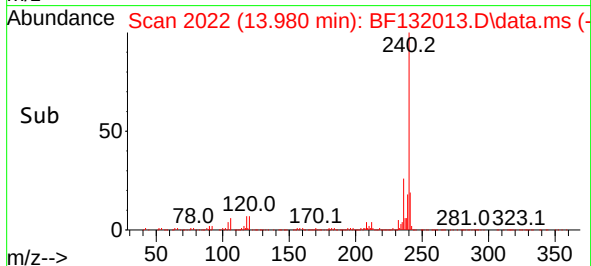
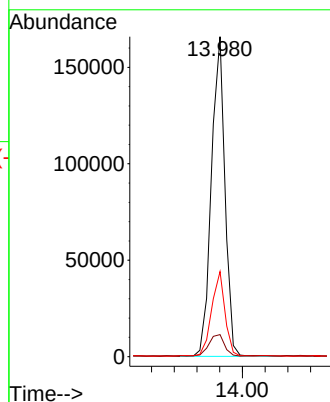
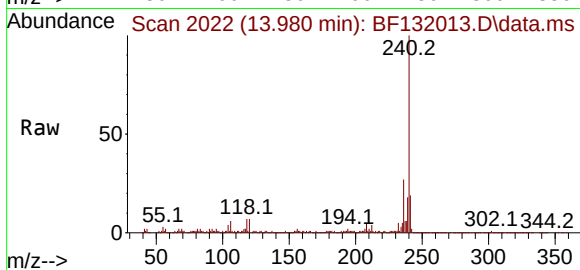
Tgt Ion:240 Resp: 137085

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

236 26.6 21.1 31.7



#79

Terphenyl-d14

Concen: 12.227 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF132013.D

Acq: 11 Jan 2023 00:11

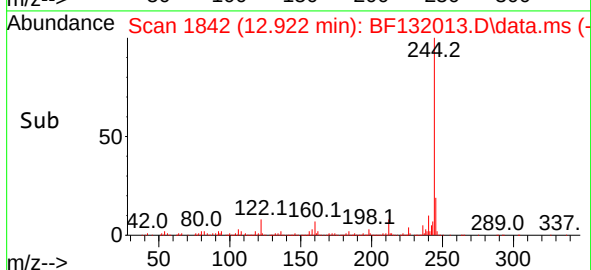
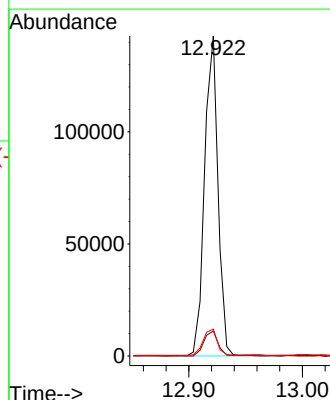
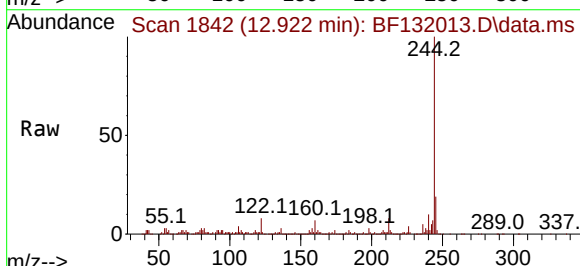
Tgt Ion:244 Resp: 116941

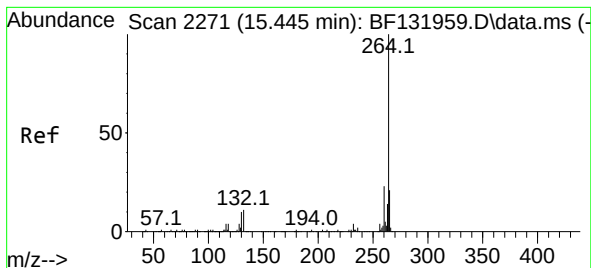
Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.4 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: BF132013.D

Acq: 11 Jan 2023 00:11

Instrument :

BNA_F

ClientSampleId :

PL-1-010923

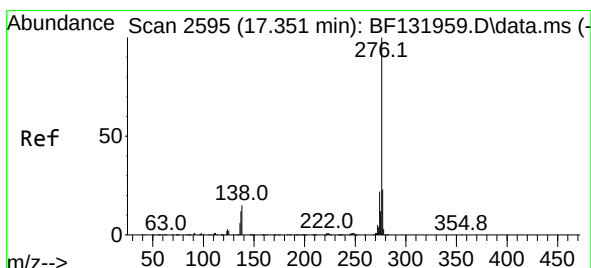
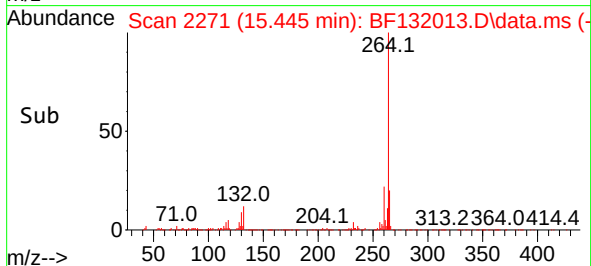
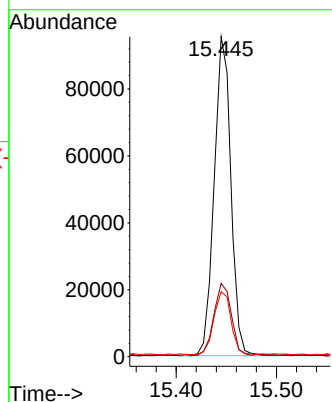
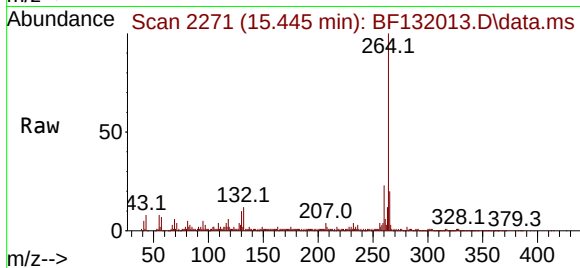
Tgt Ion:264 Resp: 110470

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 20.3 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 4.001 ng

RT: 17.357 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BF132013.D

Acq: 11 Jan 2023 00:11

Tgt Ion:276 Resp: 3128

Ion Ratio Lower Upper

276 100

277 32.3 18.2 27.2#

138 23.3 11.7 17.5#

