

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132033.D
 Acq On : 11 Jan 2023 20:36
 Operator : CG\JU
 Sample : 01090-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-010923

Quant Time: Jan 12 00:38:20 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)

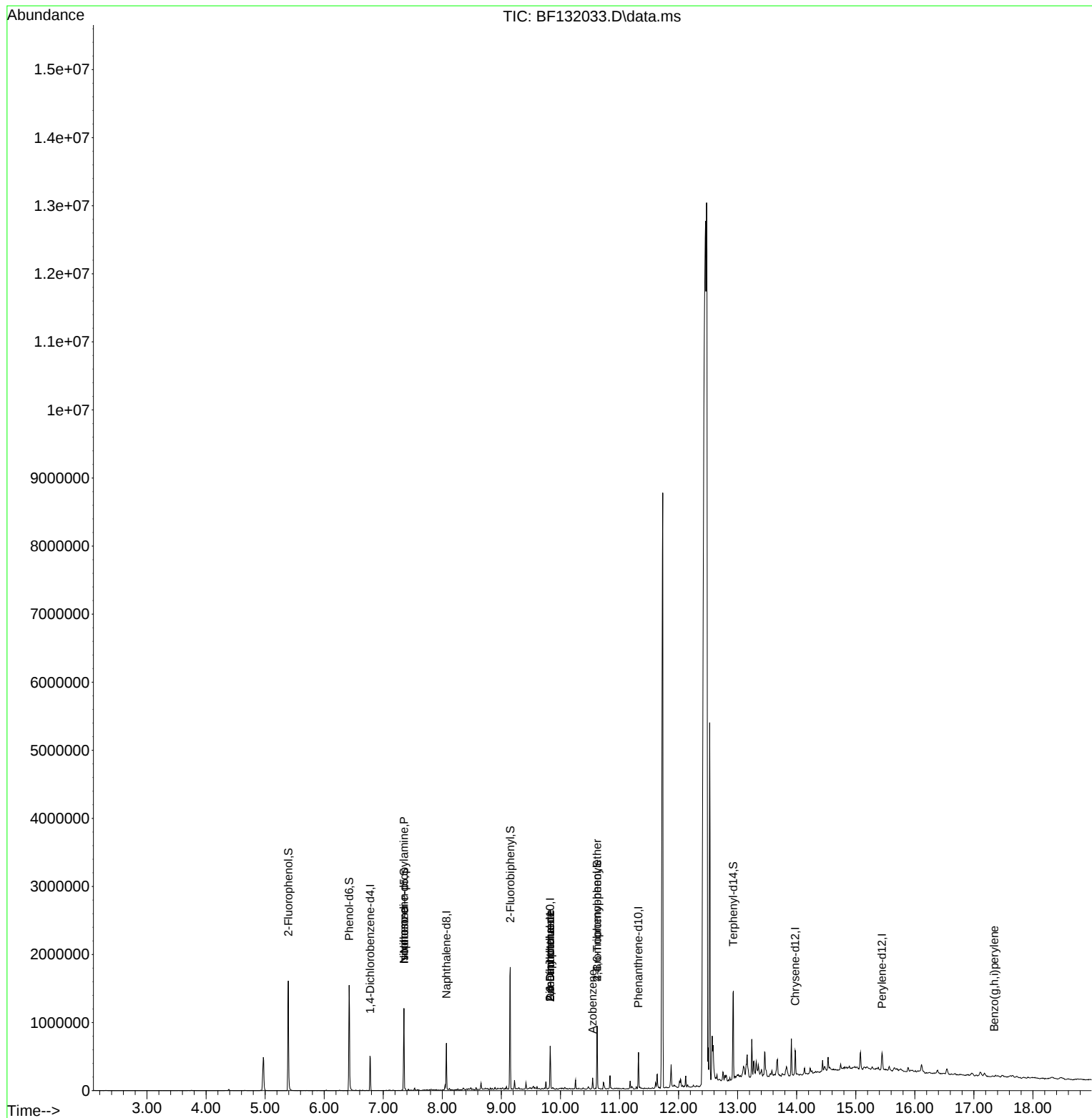
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73974	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	235711	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	110633	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	175290	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	123402	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	92825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	392631	87.459	ng	0.00
7) Phenol-d6	6.422	99	495092	83.177	ng	-0.01
23) Nitrobenzene-d5	7.351	82	346388	60.991	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	87247	68.588	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	527223	64.333	ng	-0.01
79) Terphenyl-d14	12.927	244	444984	51.683	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	48864	11.348	ng	# 78
25) Isophorone	7.351	82	344469	32.467	ng	# 69
50) Dimethylphthalate	9.828	163	23143	2.684	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	15320	8.446	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	15320	6.318	ng	# 14
63) Azobenzene	10.545	77	25711	2.858	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	6154	2.806	ng	# 1
92) Benzo(g,h,i)perylene	17.345	276	2684	4.012	ng	# 57

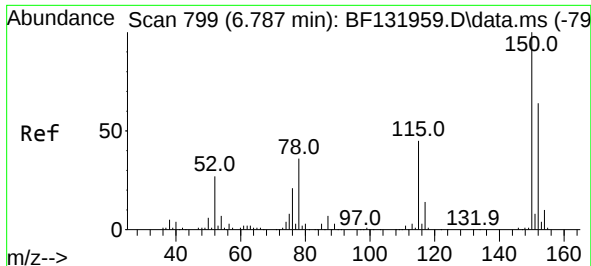
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
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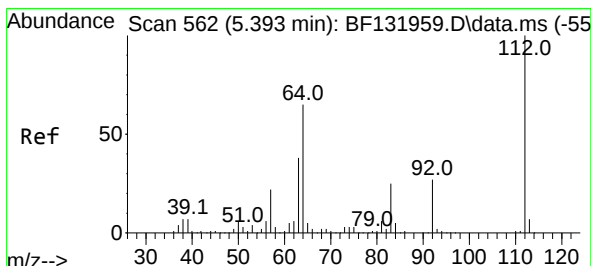
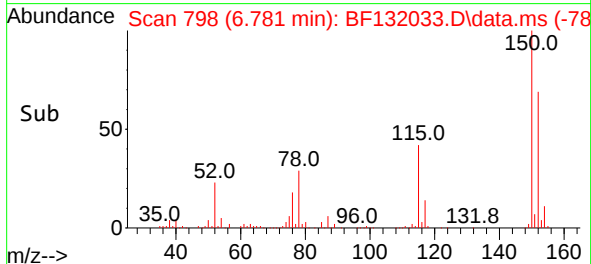
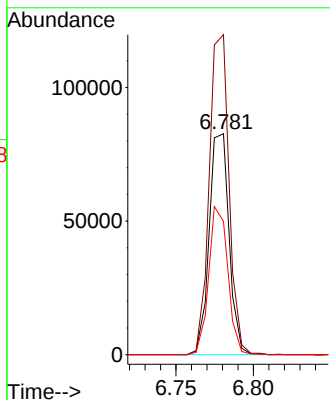
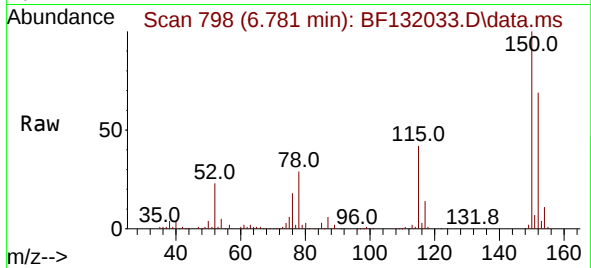




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

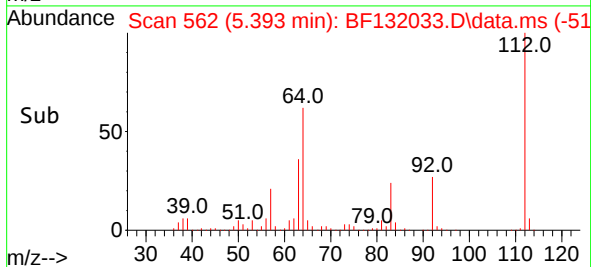
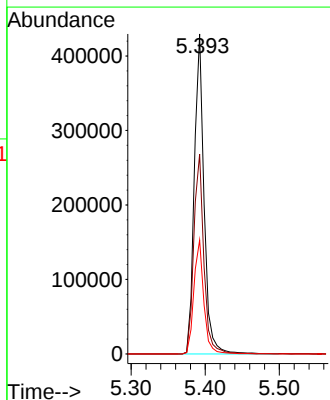
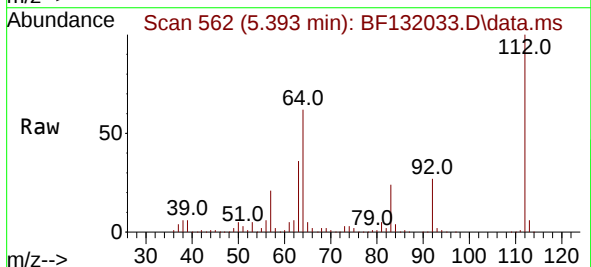
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

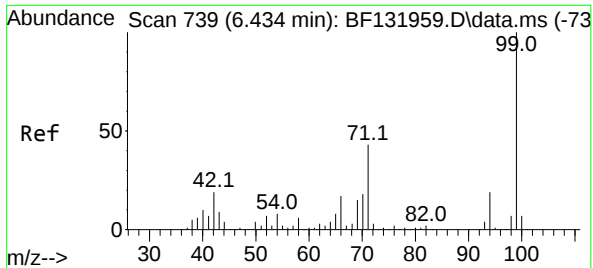
Tgt Ion:152 Resp: 73974
Ion Ratio Lower Upper
152 100
150 144.9 124.6 186.8
115 60.4 55.6 83.4



#5
2-Fluorophenol
Concen: 87.459 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion:112 Resp: 392631
Ion Ratio Lower Upper
112 100
64 62.4 51.9 77.9
63 35.6 30.2 45.2

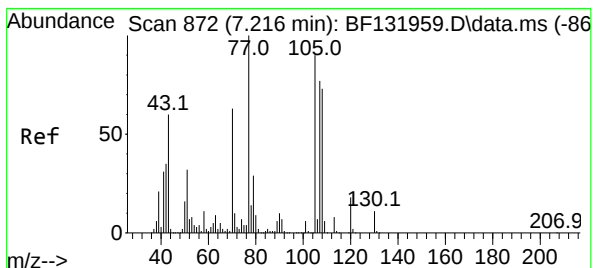
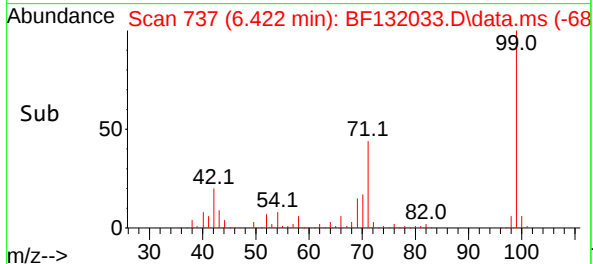
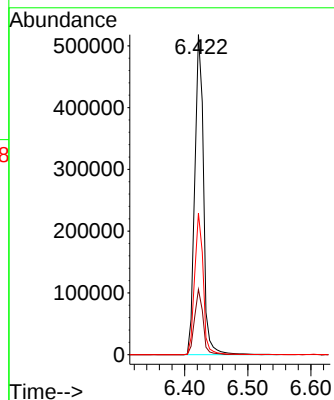
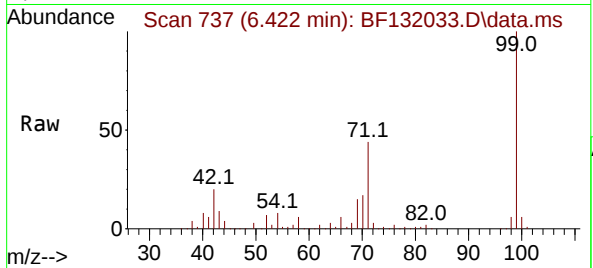




#7
Phenol-d6
Concen: 83.177 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

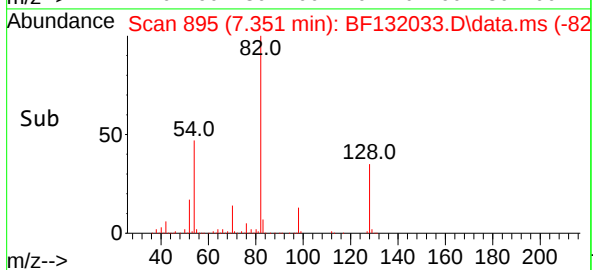
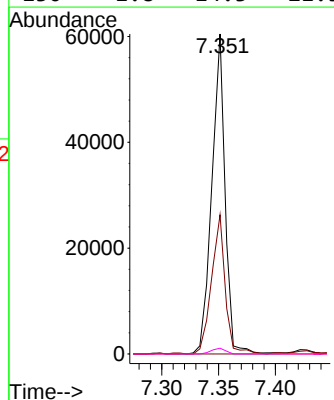
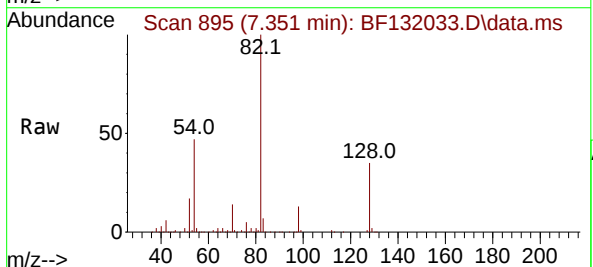
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

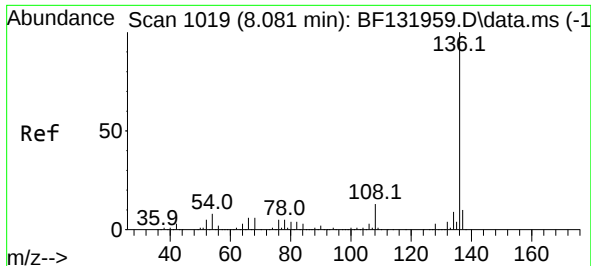
Tgt Ion: 99 Resp: 495092
Ion Ratio Lower Upper
99 100
42 20.4 15.4 23.2
71 44.2 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.348 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion: 70 Resp: 48864
Ion Ratio Lower Upper
70 100
42 43.5 44.3 66.5#
101 0.0 7.5 11.3#
130 1.8 14.3 21.5#



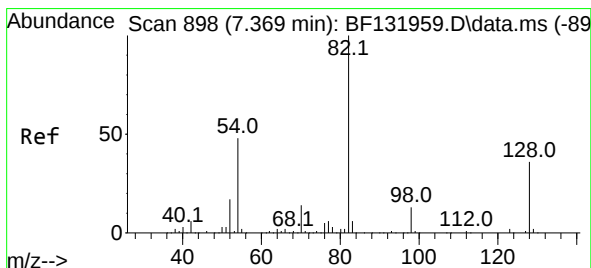
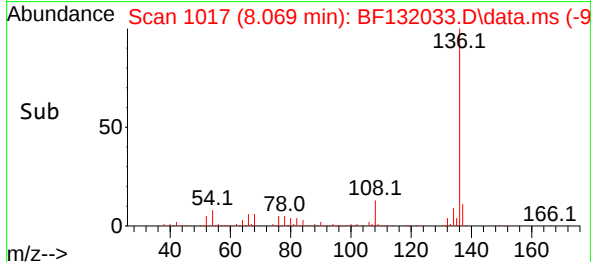
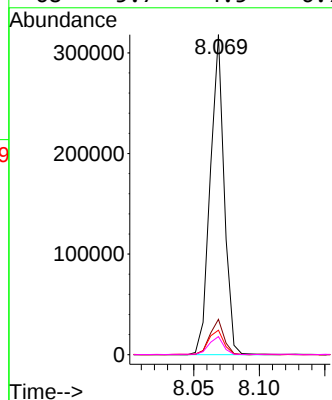
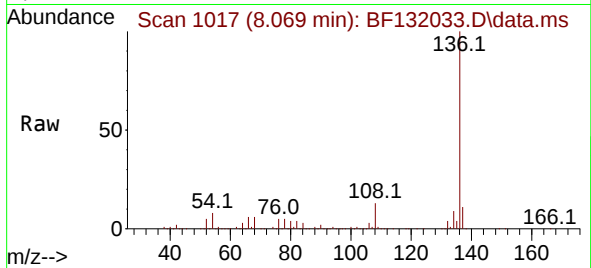


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Instrument :
BNA_F
ClientSampleId :
SU-3-010923

Tgt Ion:136 Resp: 235711

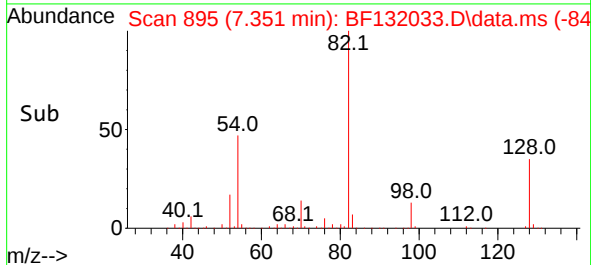
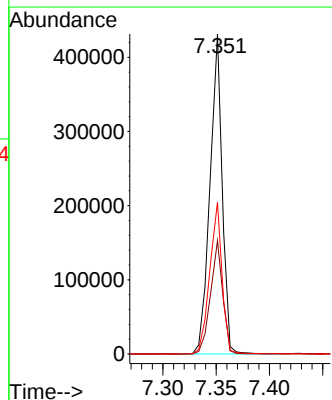
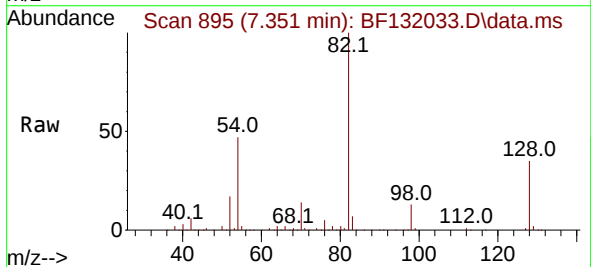
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	7.7	6.6	9.8
68	5.7	4.5	6.7

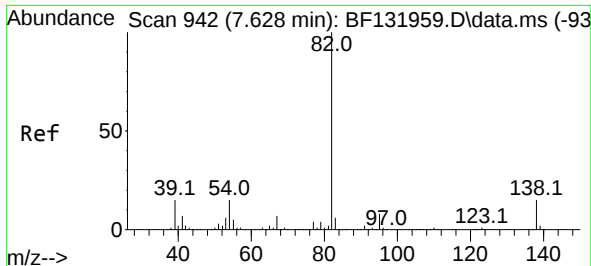


#23
Nitrobenzene-d5
Concen: 60.991 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion: 82 Resp: 346388

Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.7	43.1
54	47.4	38.1	57.1

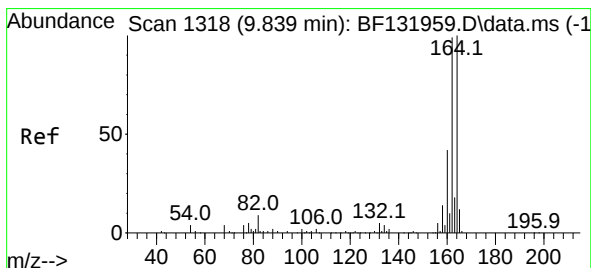
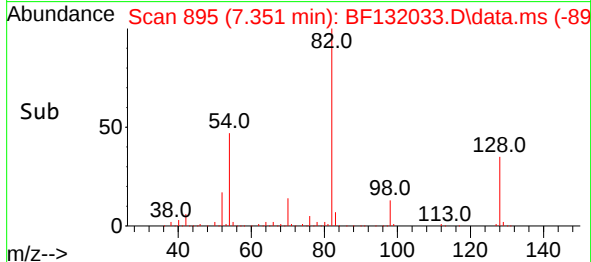
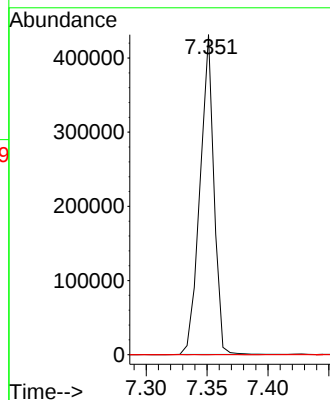
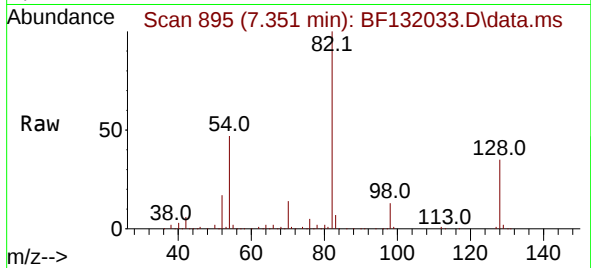




#25
Isophorone
Concen: 32.467 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.277 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

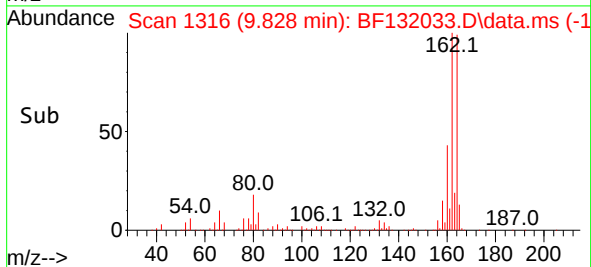
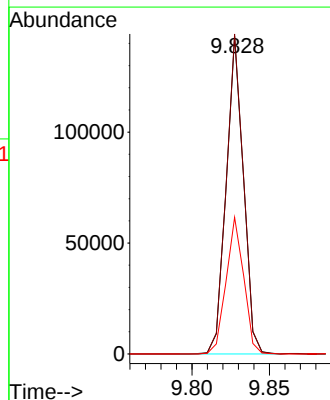
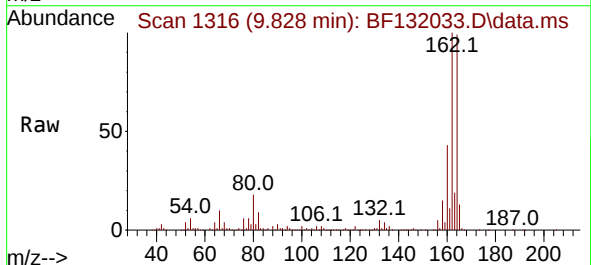
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

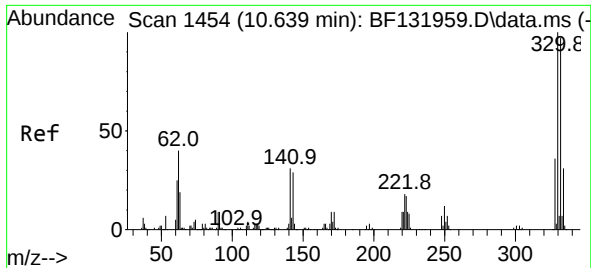
Tgt Ion: 82 Resp: 344469
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion: 164 Resp: 110633
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 43.0 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 68.588 ng

RT: 10.622 min Scan# 1454

Delta R.T. -0.018 min

Lab File: BF132033.D

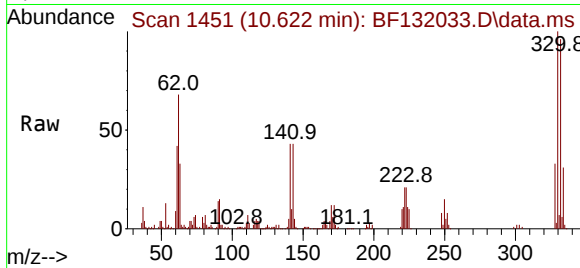
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Instrument :

BNA_F

ClientSampleId :

SU-3-010923



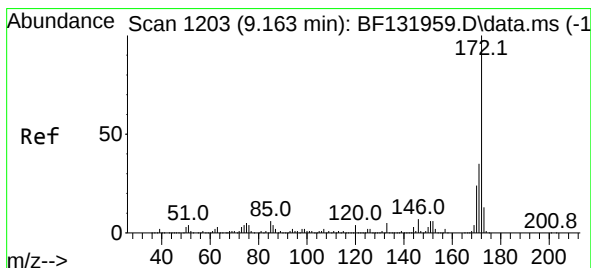
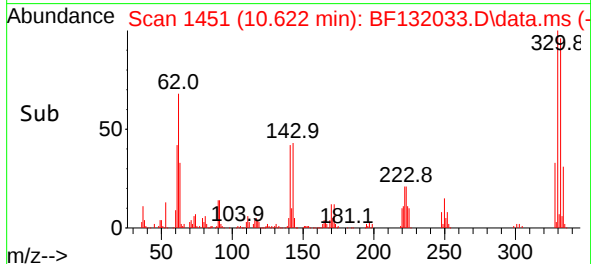
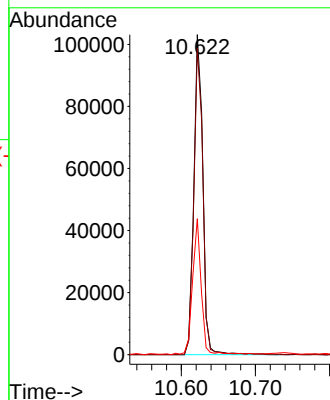
Tgt Ion:330 Resp: 87247

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 39.9 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 64.333 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

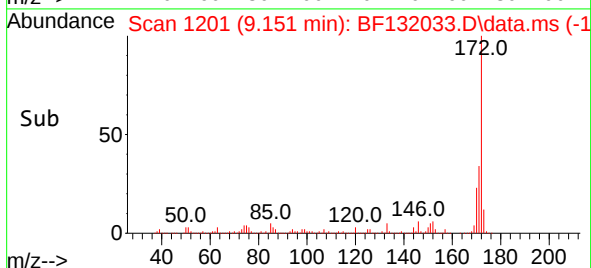
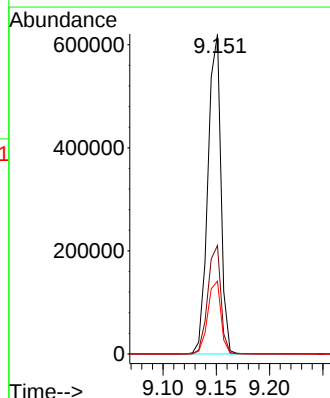
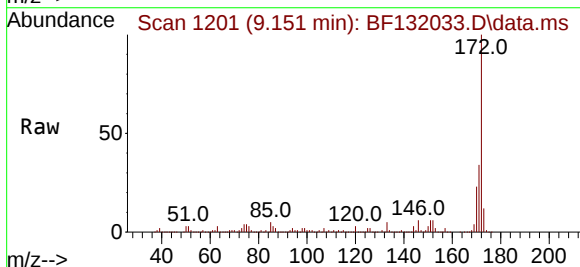
Tgt Ion:172 Resp: 527223

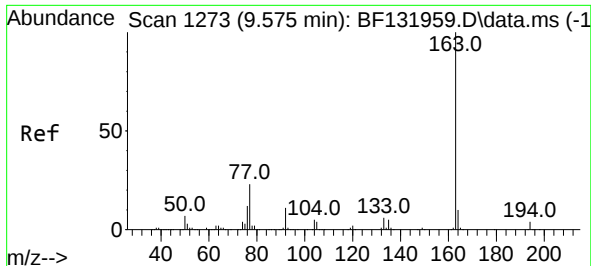
Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

170 22.7 18.9 28.3

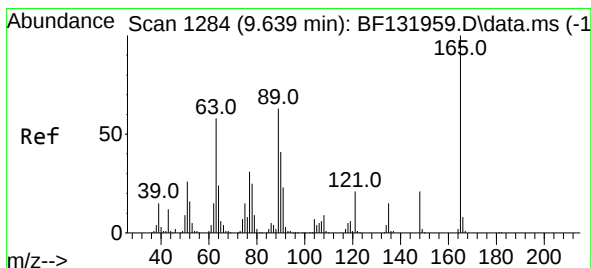
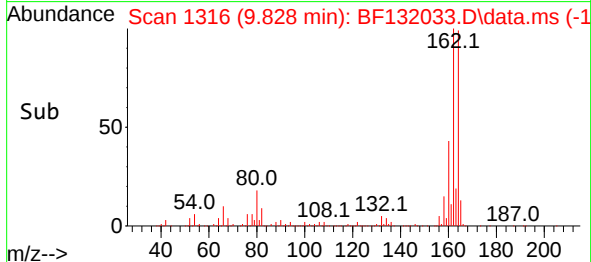
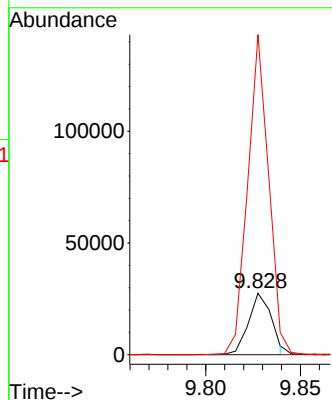
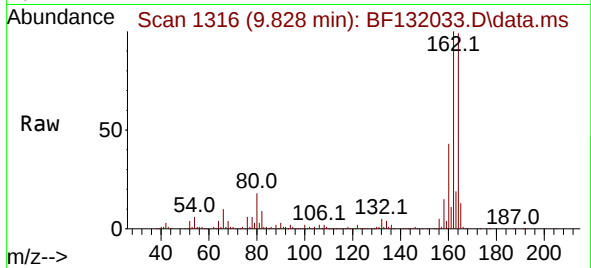




#50
Dimethylphthalate
Concen: 2.684 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.253 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

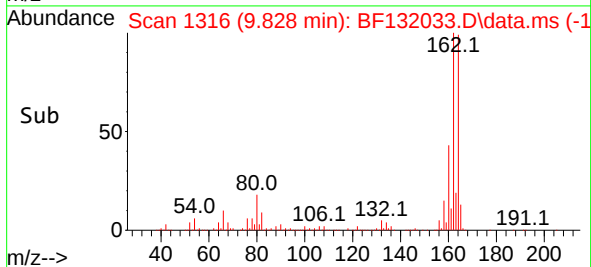
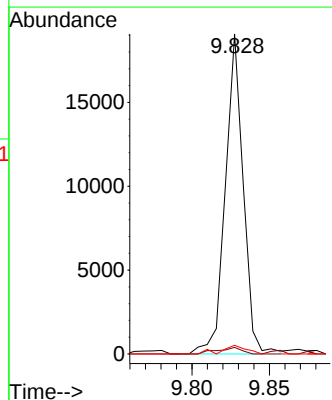
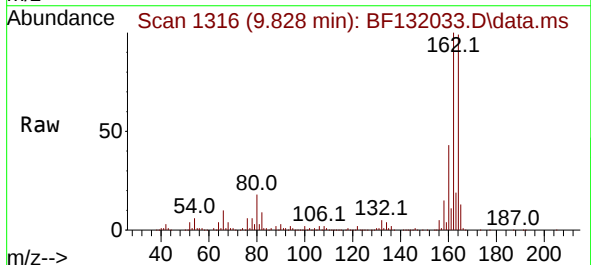
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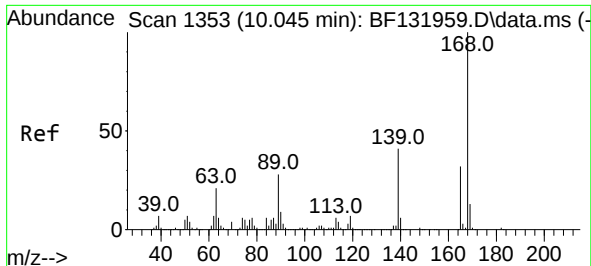
Tgt Ion:163 Resp: 23143
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 521.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.189 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion:165 Resp: 15320
Ion Ratio Lower Upper
165 100
63 2.0 47.4 71.0#
89 2.7 50.2 75.2#

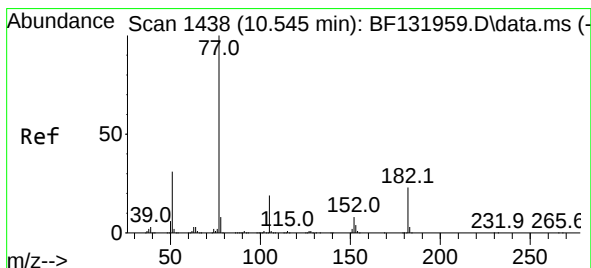
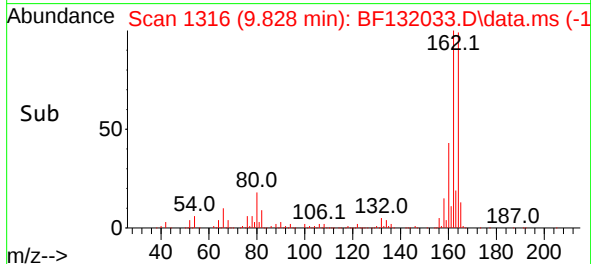
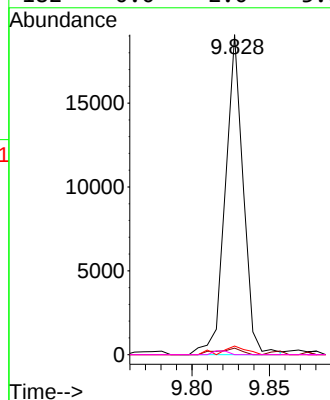
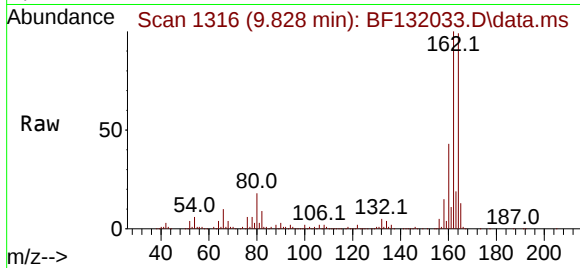




#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

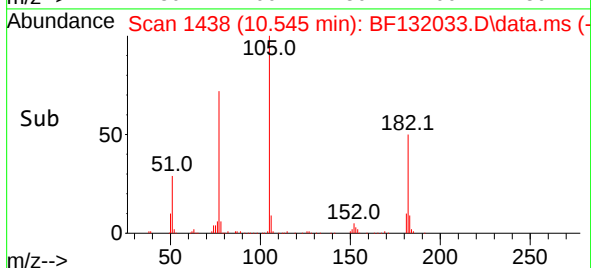
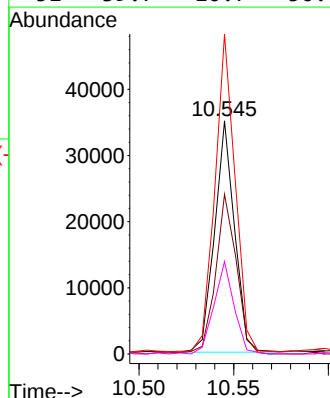
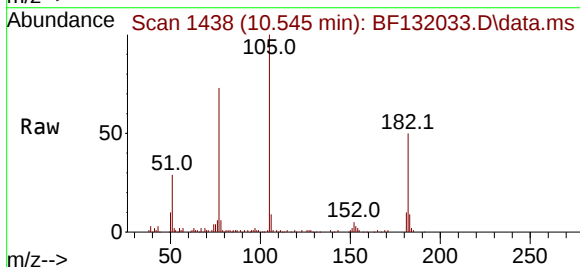
Instrument :
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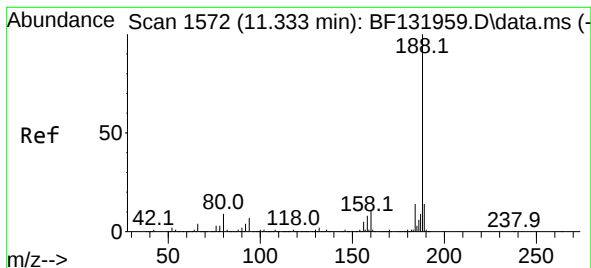
Tgt Ion:165 Resp: 15320
Ion Ratio Lower Upper
165 100
63 2.0 53.2 79.8#
89 2.7 71.2 106.8#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 2.858 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion: 77 Resp: 25711
Ion Ratio Lower Upper
77 100
182 68.5 2.9 42.9#
105 137.3 0.0 39.3#
51 39.7 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

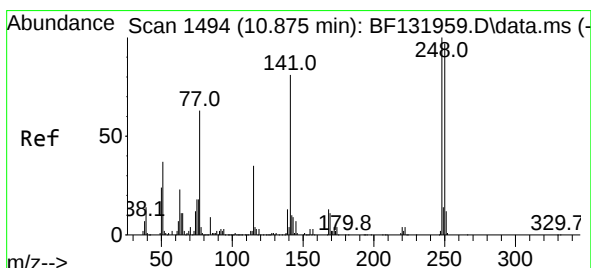
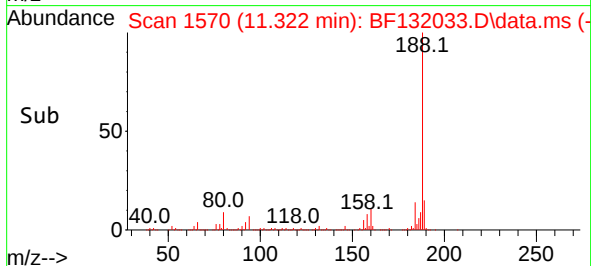
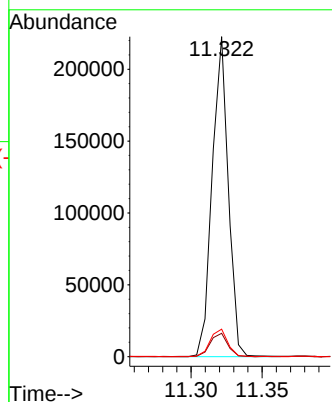
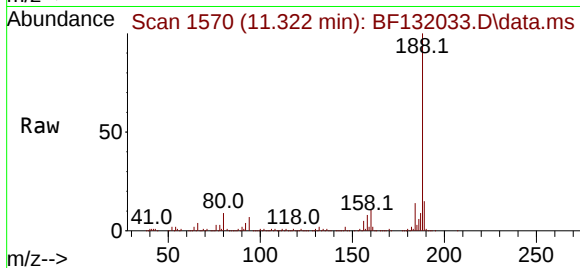
Tgt Ion:188 Resp: 175290

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.6 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 2.806 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.253 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

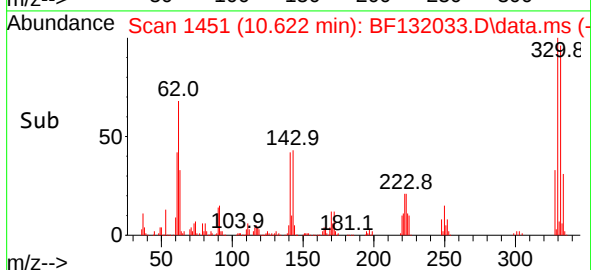
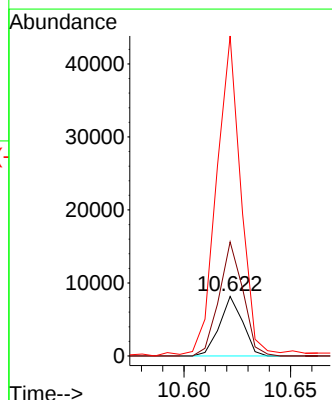
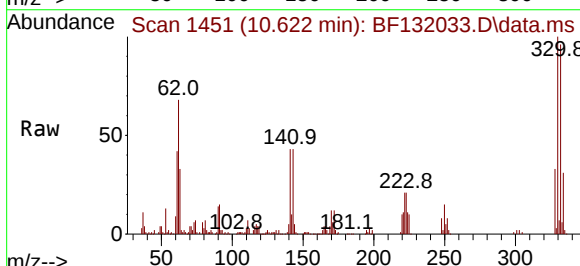
Tgt Ion:248 Resp: 6154

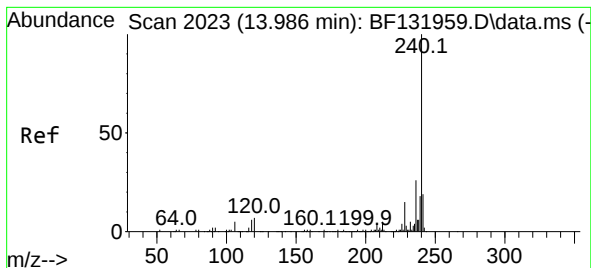
Ion Ratio Lower Upper

248 100

250 191.5 77.4 116.2#

141 536.9 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

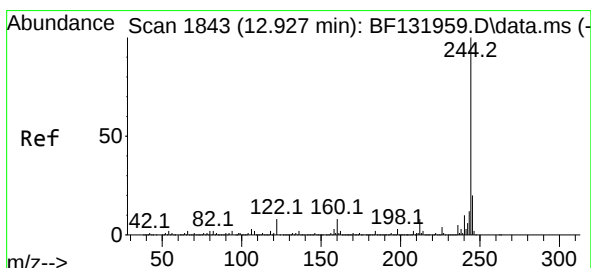
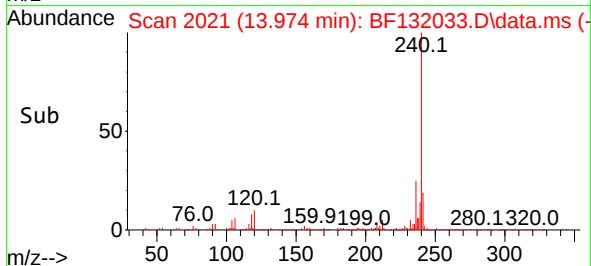
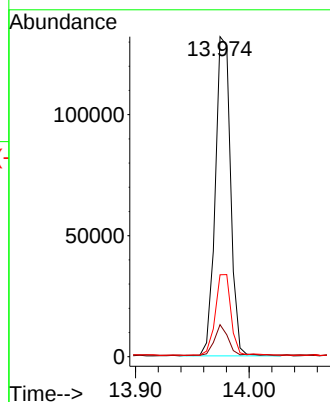
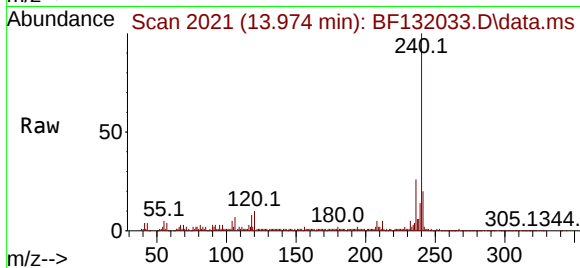
Tgt Ion:240 Resp: 123402

Ion Ratio Lower Upper

240 100

120 10.0 5.4 8.0#

236 25.6 21.1 31.7



#79

Terphenyl-d14

Concen: 51.683 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

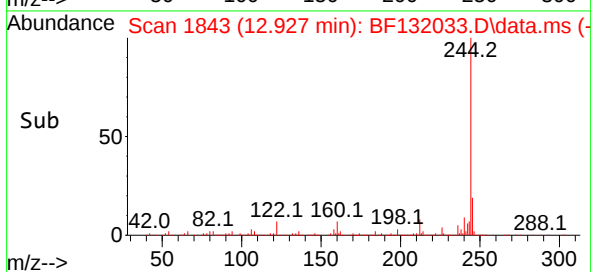
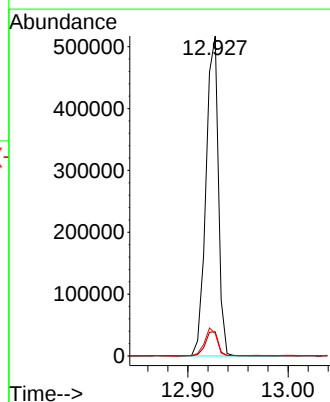
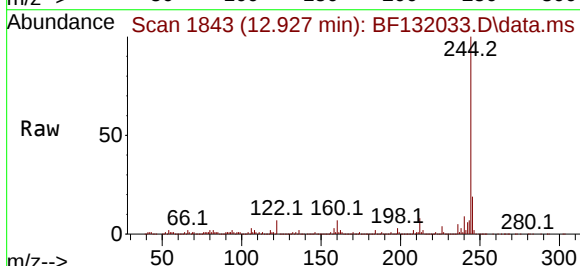
Tgt Ion:244 Resp: 444984

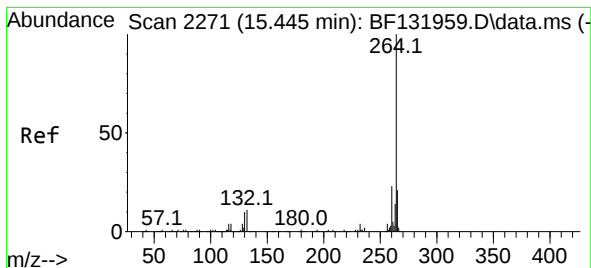
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 7.0 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: BF132033.D

Acq: 11 Jan 2023 20:36

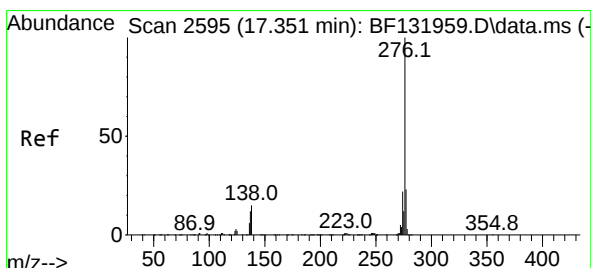
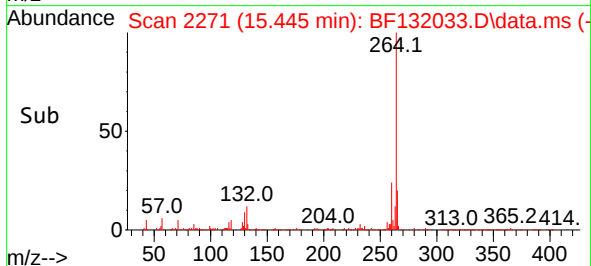
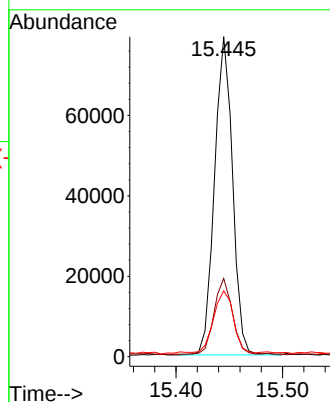
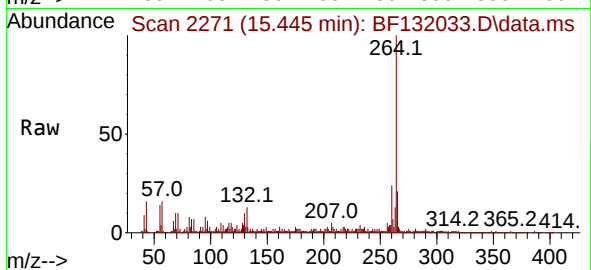
Instrument :

BNA_F

ClientSampleId :

SU-3-010923

Tgt Ion:264	Resp:	92825
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.3 27.5
265	20.6	16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 4.012 ng

RT: 17.345 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

Tgt Ion:276	Resp:	2684
Ion Ratio	Lower	Upper
276	100	
277	41.1	18.2 27.2#
138	35.7	11.7 17.5#

