

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132020.D
 Acq On : 11 Jan 2023 12:00
 Operator : CG\JU
 Sample : 01079-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-EFFLUENTRE

Quant Time: Jan 11 14:25:41 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)

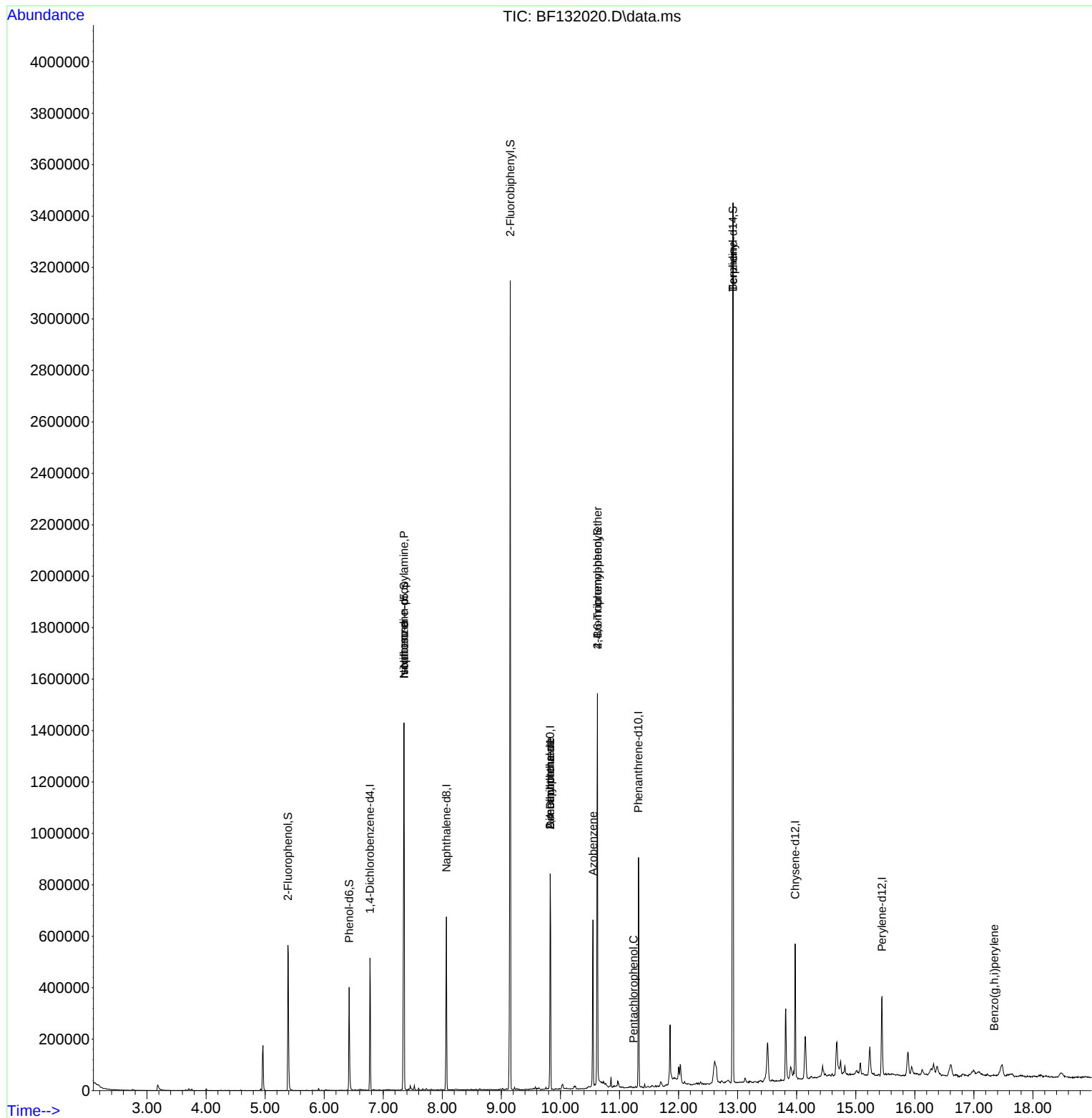
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	71025	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	261660	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	158951	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	307499	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	159654	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	135333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	153627	35.641	ng	0.00
7) Phenol-d6	6.422	99	120863	21.148	ng	-0.01
23) Nitrobenzene-d5	7.351	82	523257	82.997	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	154641	84.615	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	905610	76.913	ng	-0.01
79) Terphenyl-d14	12.921	244	1136399	102.019	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	73052	17.670	ng	# 78
25) Isophorone	7.351	82	517626	43.949	ng	# 69
50) Dimethylphthalate	9.828	163	31902	2.575	ng	# 1
57) 2,4-Dinitrotoluene	9.828	165	19915	5.716	ng	# 13
63) Azobenzene	10.551	77	115976	8.974	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	10944	2.845	ng	# 1
70) Pentachlorophenol	11.239	266	67	4.388	ng	# 17
77) Benzidine	12.921	184	18501	3.488	ng	# 94
92) Benzo(g,h,i)perylene	17.345	276	54	3.532	ng	# 58

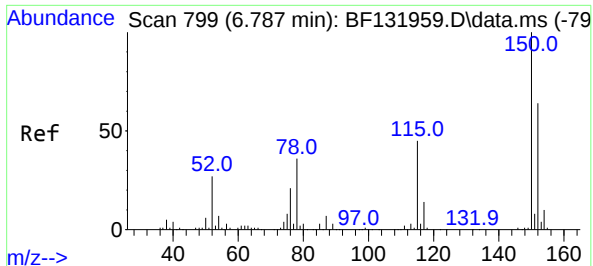
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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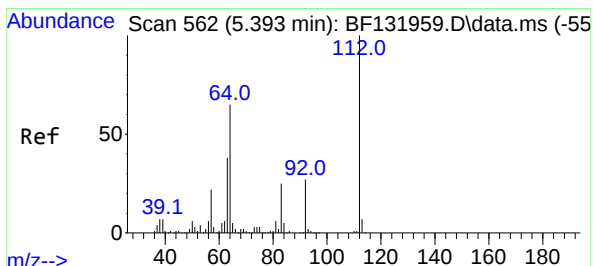
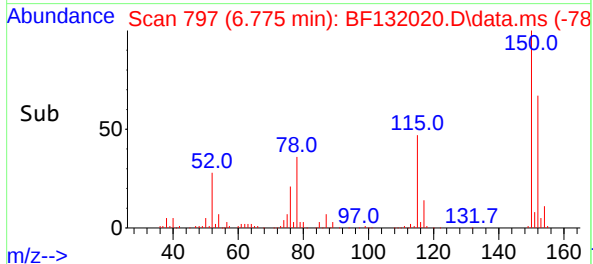
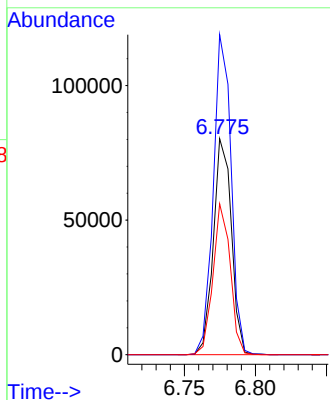
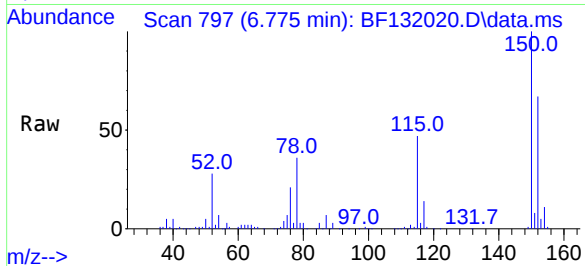




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

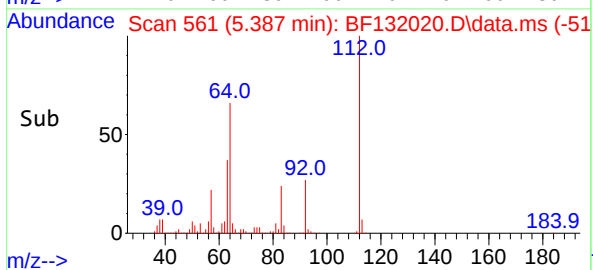
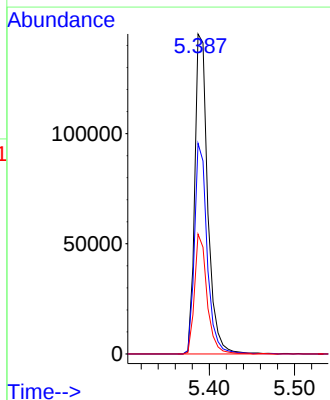
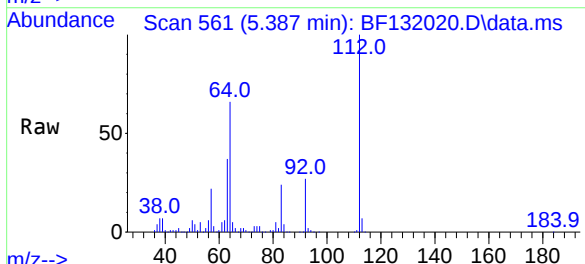
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

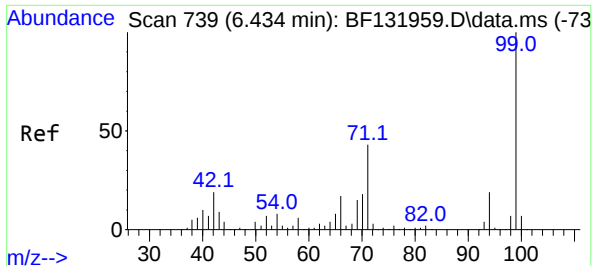
Tgt Ion:152 Resp: 71025
Ion Ratio Lower Upper
152 100
150 148.2 124.6 186.8
115 69.9 55.6 83.4



#5
2-Fluorophenol
Concen: 35.641 ng
RT: 5.387 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

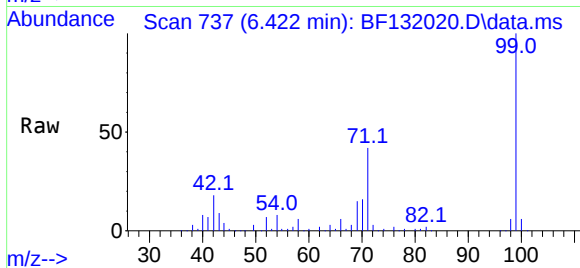
Tgt Ion:112 Resp: 153627
Ion Ratio Lower Upper
112 100
64 65.8 51.9 77.9
63 37.4 30.2 45.2



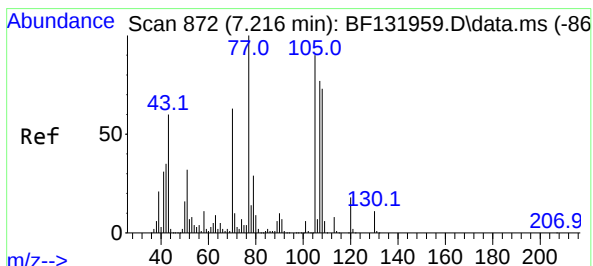
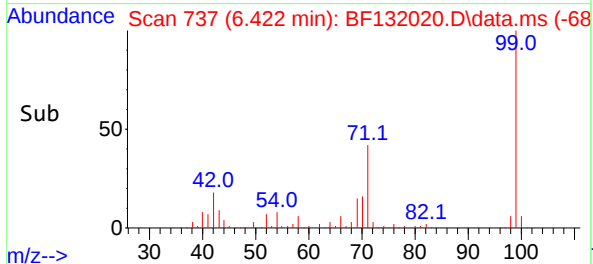
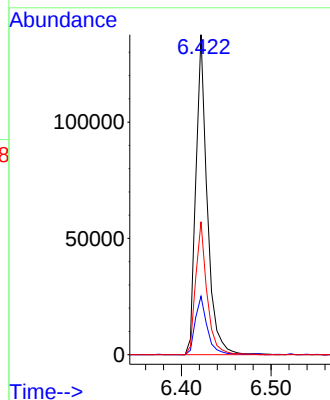


#7
Phenol-d6
Concen: 21.148 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

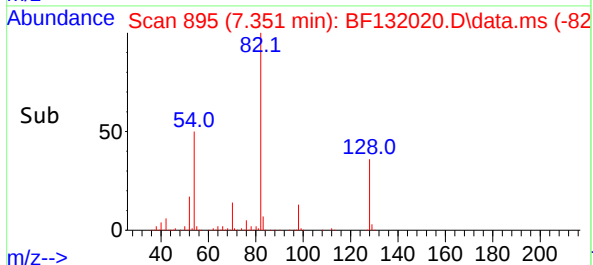
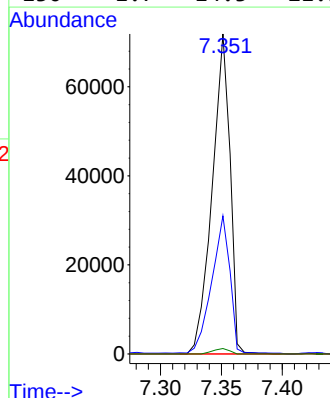
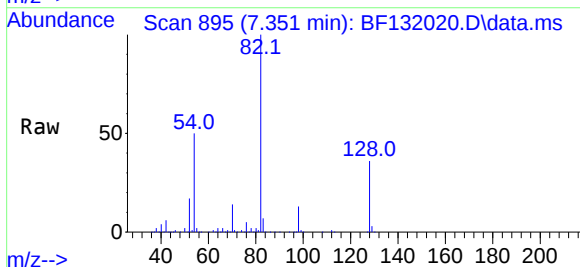


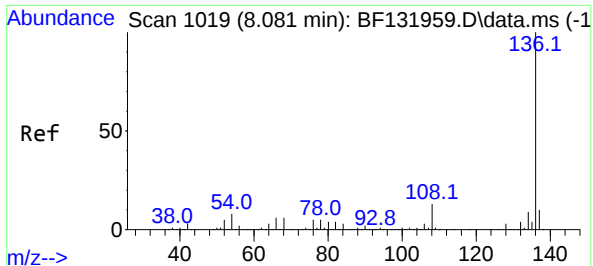
Tgt Ion: 99 Resp: 120863
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.2
71 41.6 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.670 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Tgt Ion: 70 Resp: 73052
Ion Ratio Lower Upper
70 100
42 43.2 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#



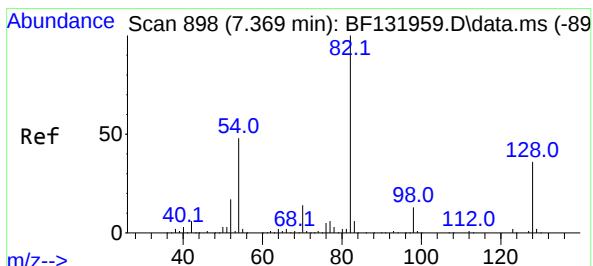
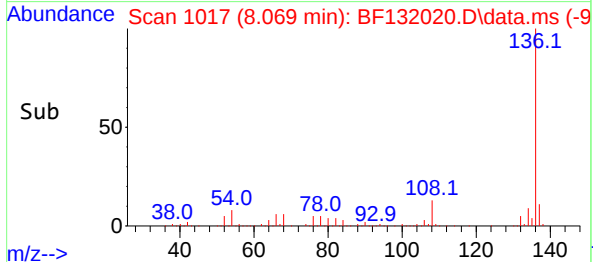
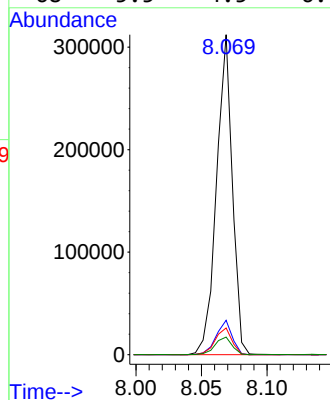
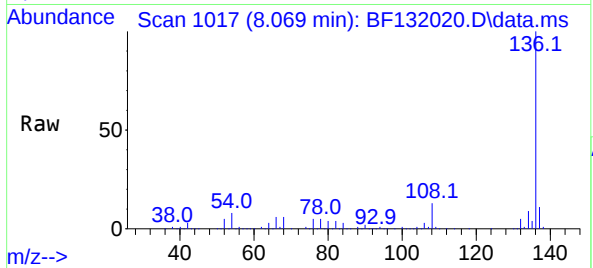


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

Tgt Ion:136 Resp: 261660

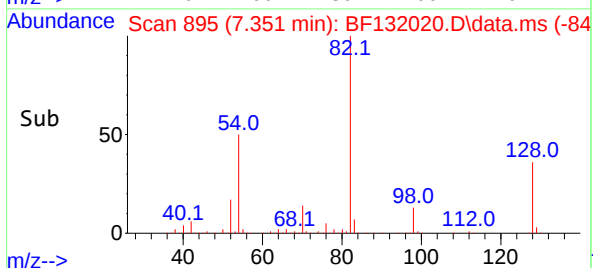
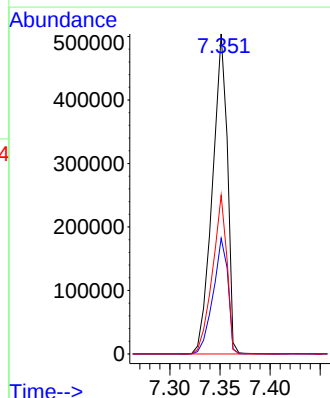
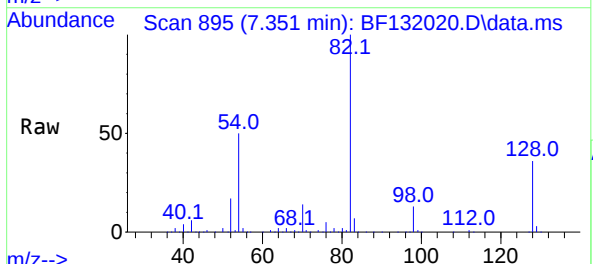
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	8.3	6.6	9.8
68	5.5	4.5	6.7

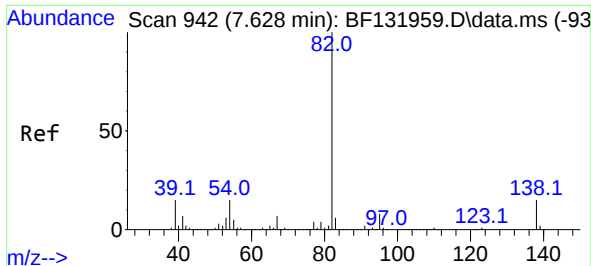


#23
Nitrobenzene-d5
Concen: 82.997 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Tgt Ion: 82 Resp: 523257

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.7	43.1
54	49.6	38.1	57.1

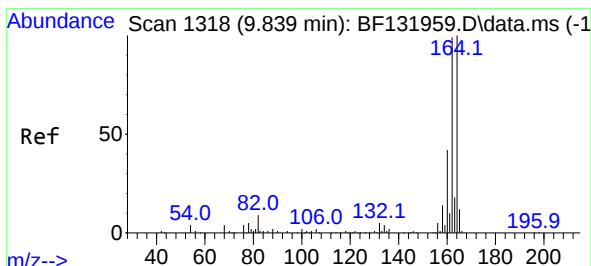
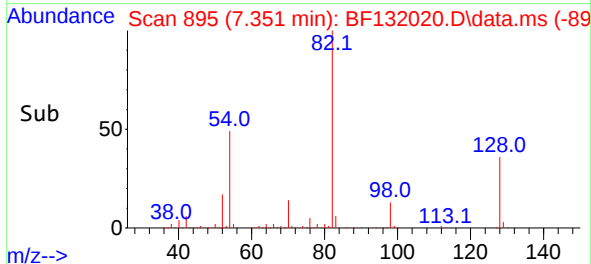
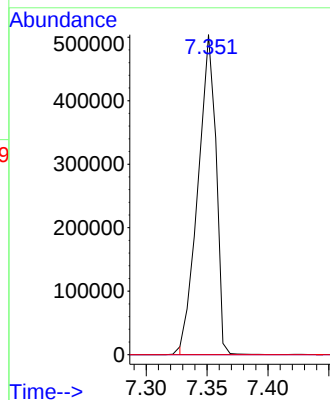
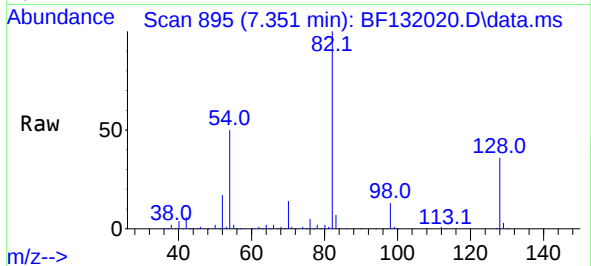




#25
Isophorone
Concen: 43.949 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

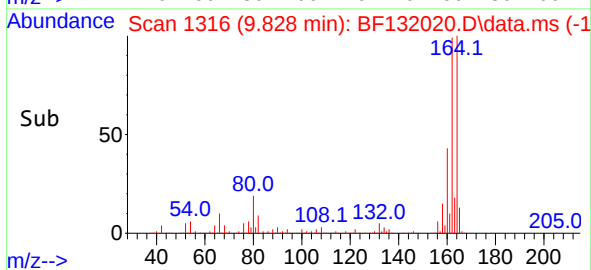
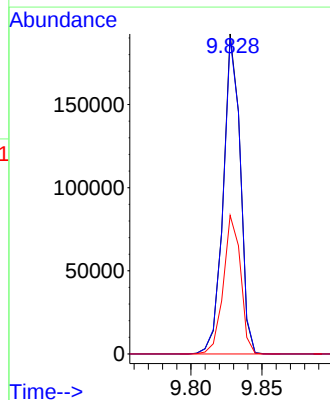
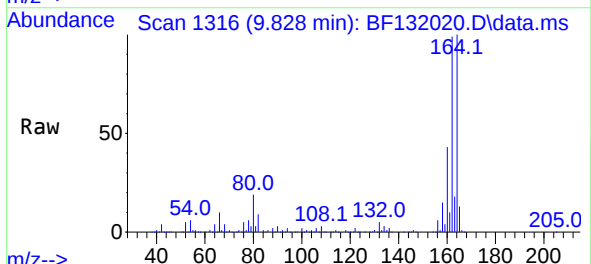
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

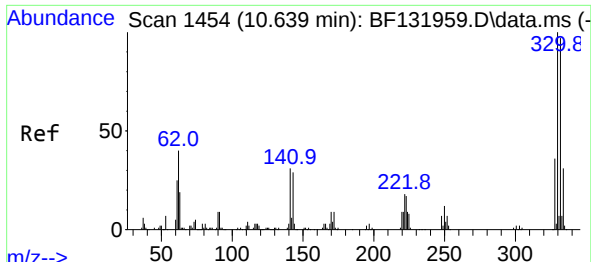
Tgt Ion: 82 Resp: 517626
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Tgt Ion:164 Resp: 158951
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 43.3 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 84.615 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132020.D

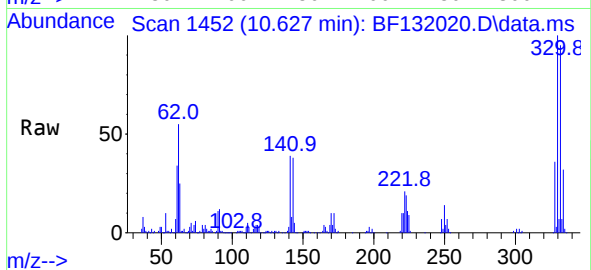
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Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-EFFLUENTRE



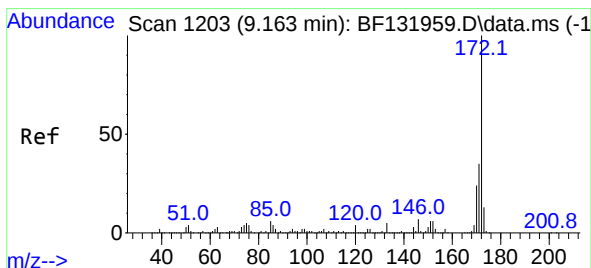
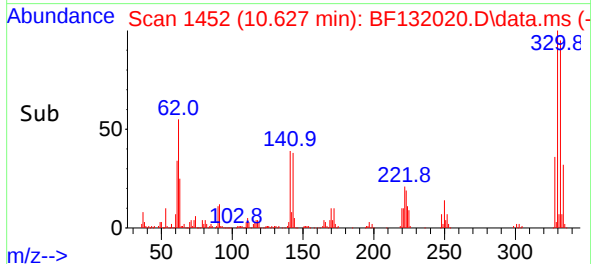
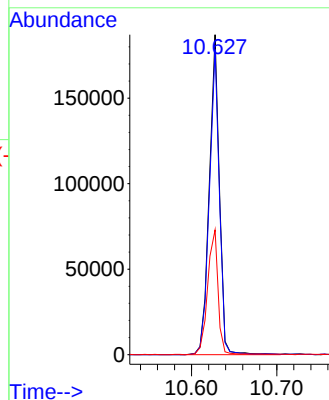
Tgt Ion:330 Resp: 154641

Ion Ratio Lower Upper

330 100

332 94.5 76.9 115.3

141 40.3 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 76.913 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132020.D

Acq: 11 Jan 2023 12:00

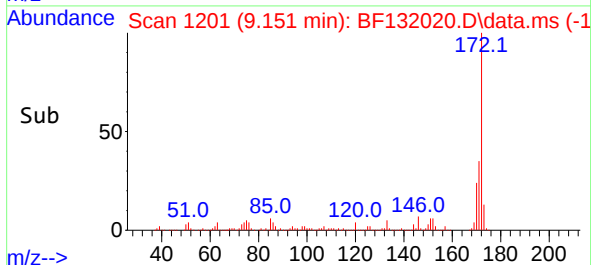
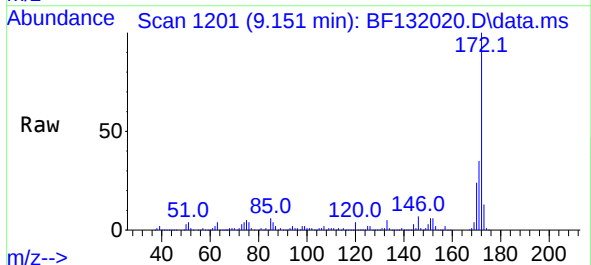
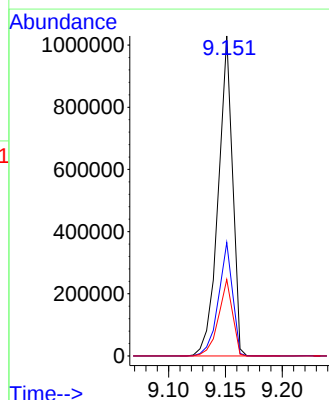
Tgt Ion:172 Resp: 905610

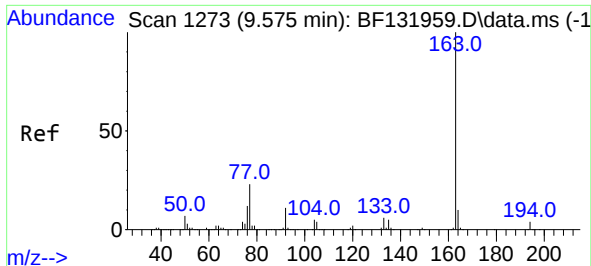
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.9 18.9 28.3

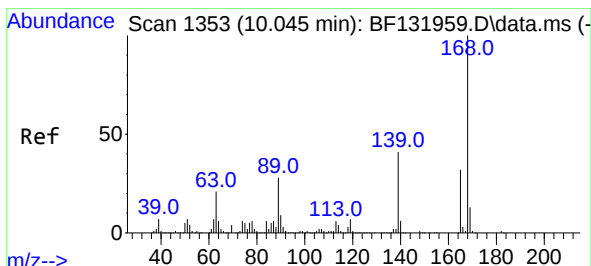
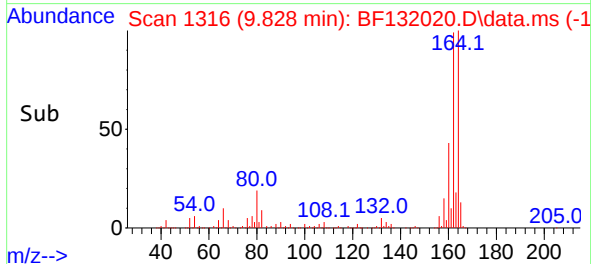
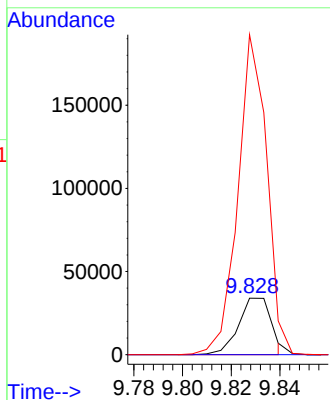
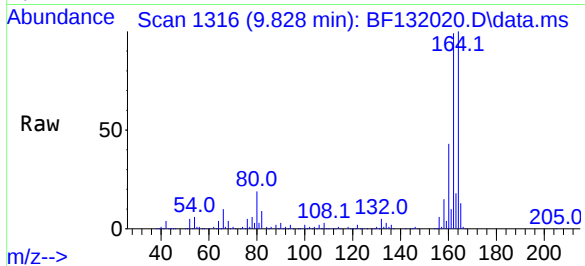




#50
Dimethylphthalate
Concen: 2.575 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.253 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

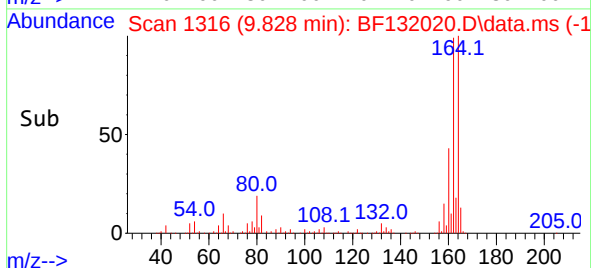
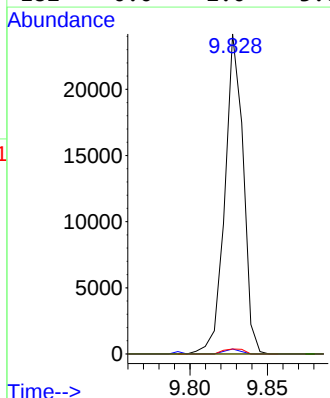
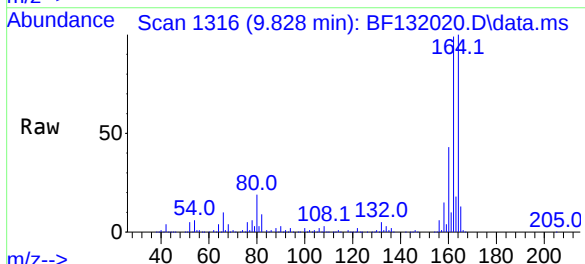
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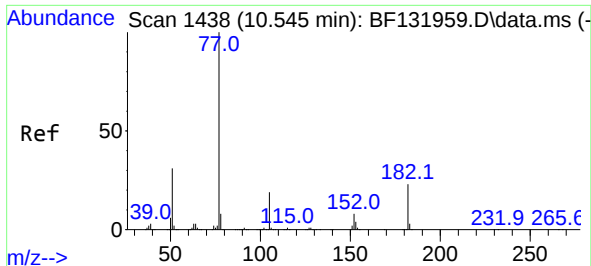
Tgt Ion:163 Resp: 31902
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 566.8 7.8 11.6#



#57
2,4-Dinitrotoluene
Concen: 5.716 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.218 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Tgt Ion:165 Resp: 19915
Ion Ratio Lower Upper
165 100
63 1.5 53.2 79.8#
89 1.5 71.2 106.8#
182 0.0 2.0 3.0#

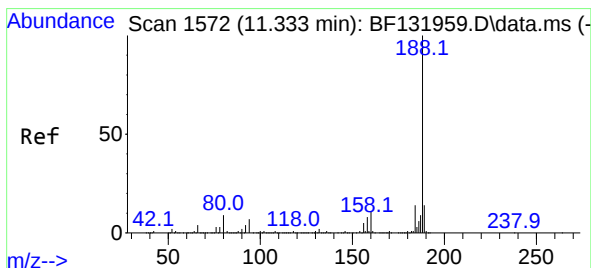
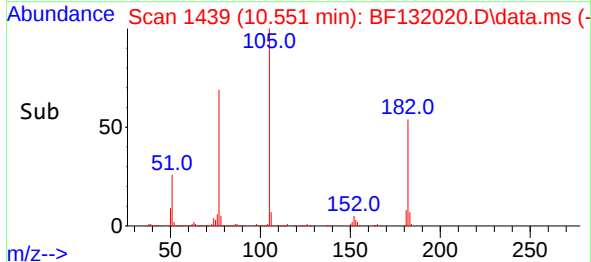
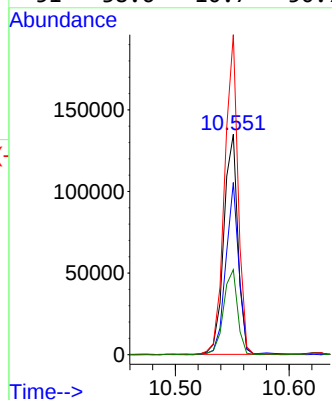
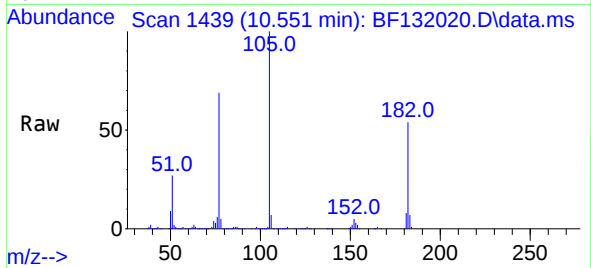




#63
Azobenzene
Concen: 8.974 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

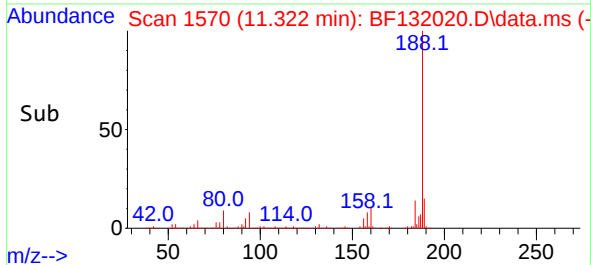
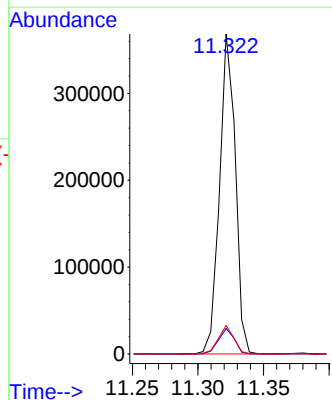
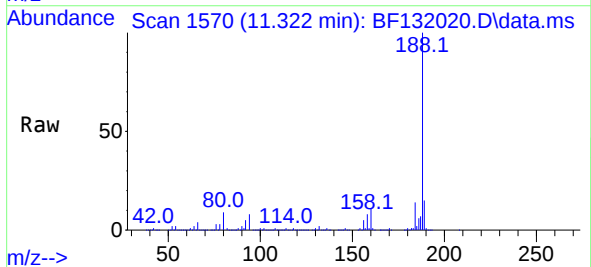
Instrument :
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SAMPLE-1-EFFLUENTRE

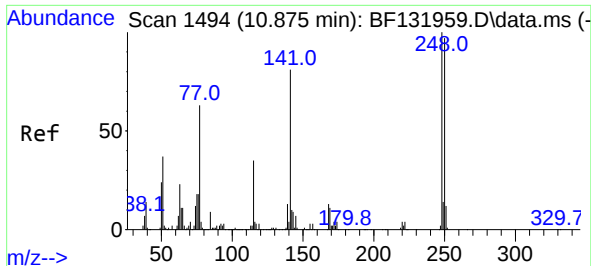
Tgt Ion: 77 Resp: 115976
Ion Ratio Lower Upper
77 100
182 78.1 2.9 42.9#
105 145.3 0.0 39.3#
51 38.6 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

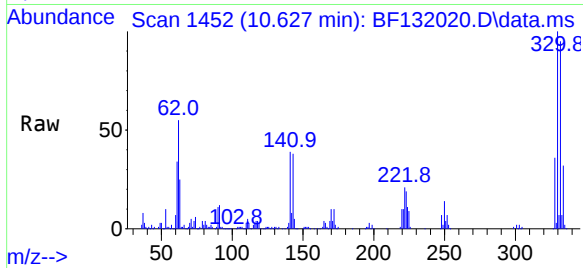
Tgt Ion: 188 Resp: 307499
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 8.9 7.4 11.0



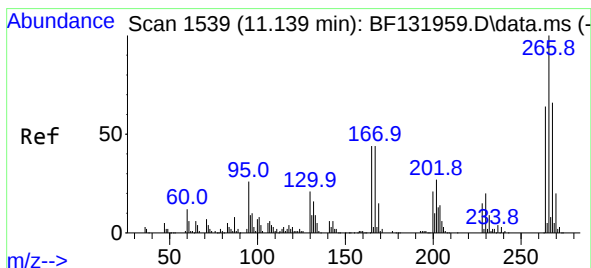
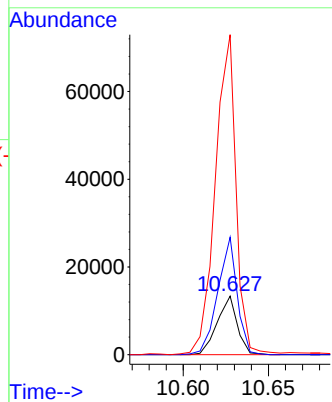
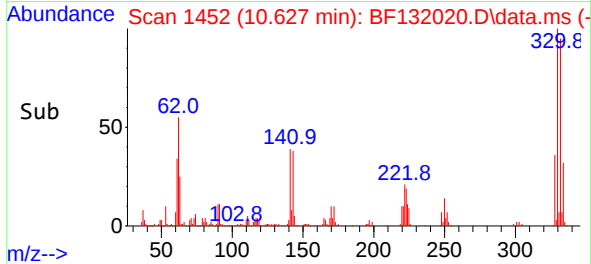


#67
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

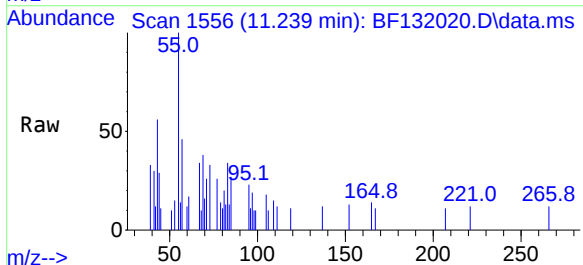
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE



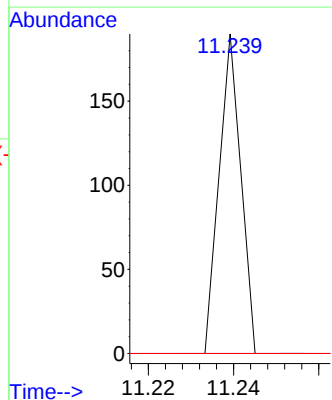
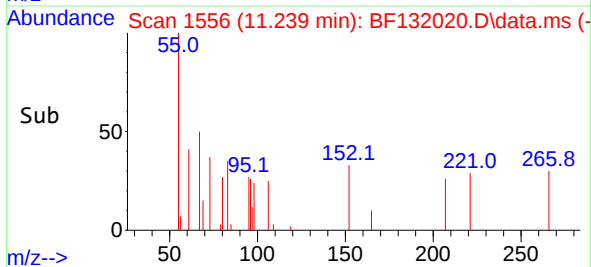
Tgt Ion:248 Resp: 10944
Ion Ratio Lower Upper
248 100
250 200.5 77.4 116.2#
141 546.7 65.0 97.6#

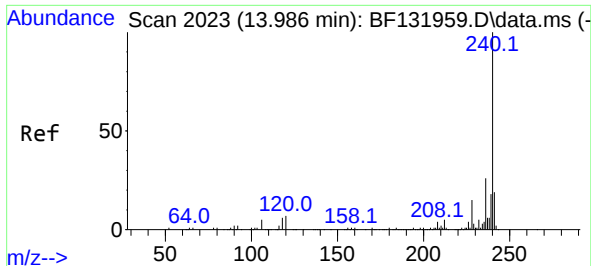


#70
Pentachlorophenol
Concen: 4.388 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.100 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00



Tgt Ion:266 Resp: 67
Ion Ratio Lower Upper
266 100
268 0.0 52.7 79.1#
264 0.0 51.6 77.4#

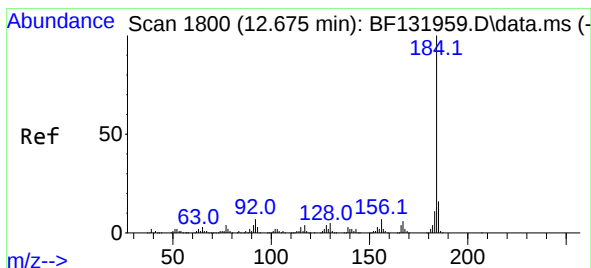
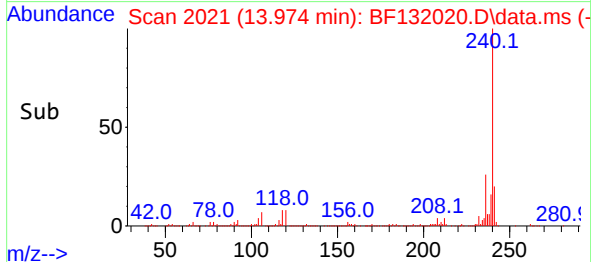
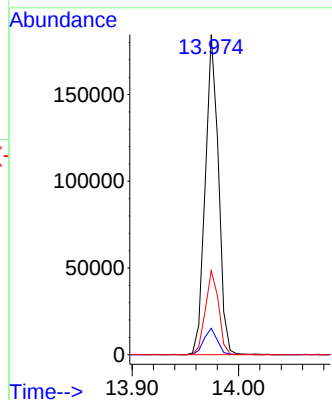
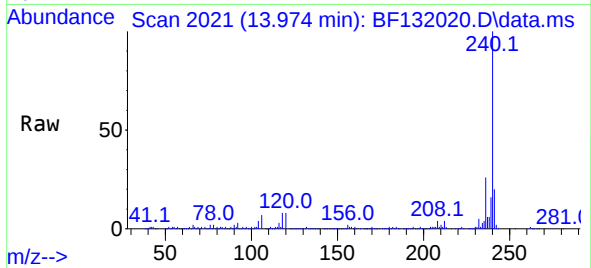




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

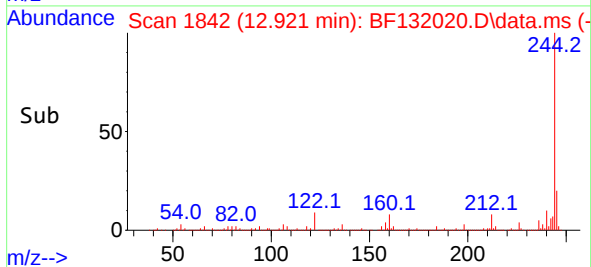
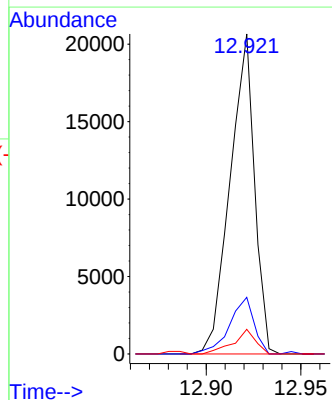
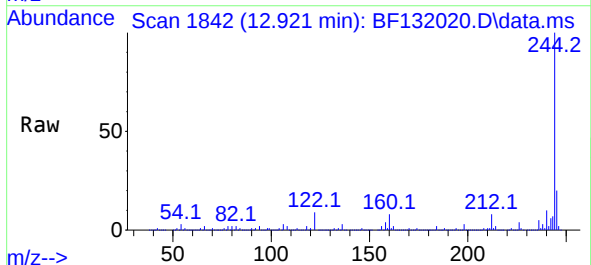
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

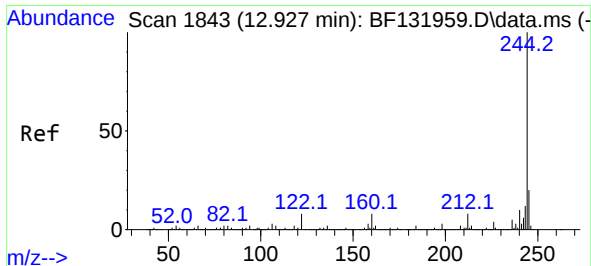
Tgt Ion:240 Resp: 159654
Ion Ratio Lower Upper
240 100
120 8.3 5.4 8.0#
236 26.2 21.1 31.7



#77
Benzidine
Concen: 3.488 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.246 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

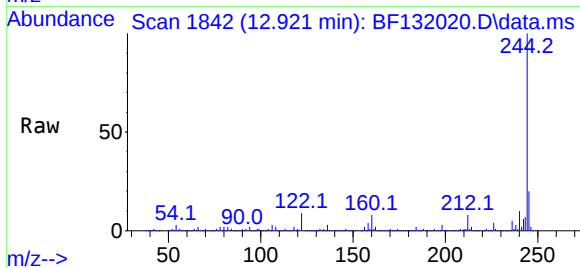
Tgt Ion:184 Resp: 18501
Ion Ratio Lower Upper
184 100
185 17.7 12.8 19.2
183 7.7 9.0 13.4#



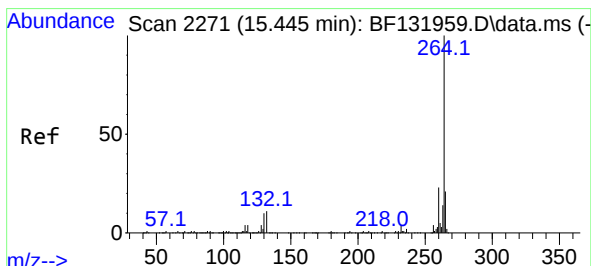
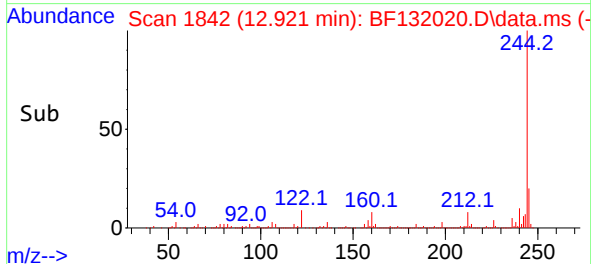
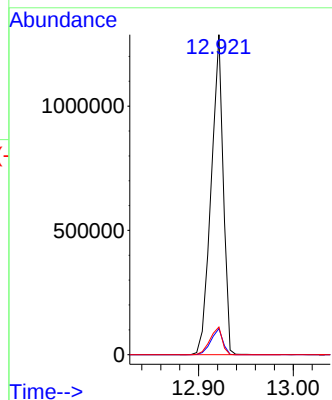


#79
Terphenyl-d14
Concen: 102.019 ng
RT: 12.921 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

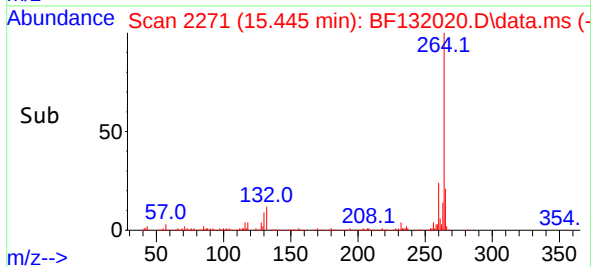
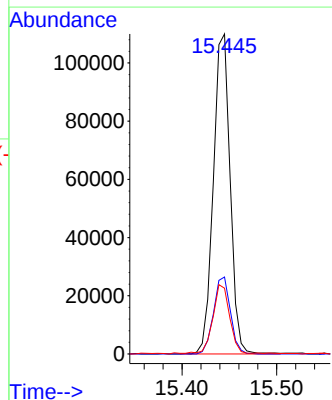
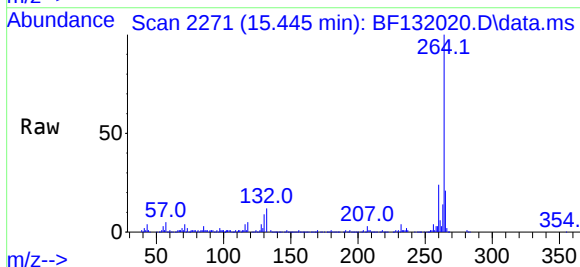


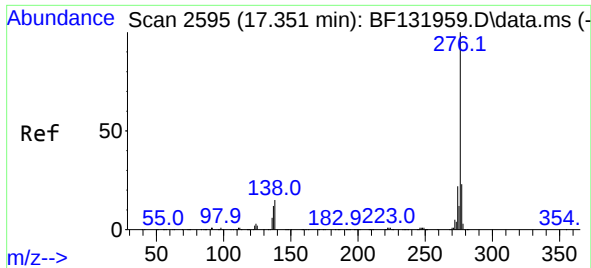
Tgt Ion:244 Resp: 1136399
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.7 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

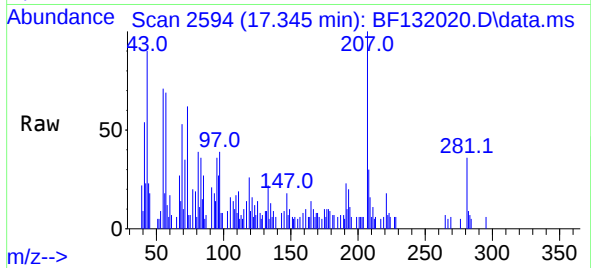
Tgt Ion:264 Resp: 135333
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 20.6 16.9 25.3





#92
Benzo(g,h,i)perylene
Concen: 3.532 ng
RT: 17.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE



Tgt Ion:	276	Resp:	54
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	11.7	17.5#

