

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131903.D
 Acq On : 04 Jan 2023 17:26
 Operator : CG\JU
 Sample : 01001-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C3

Quant Time: Jan 05 05:43:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

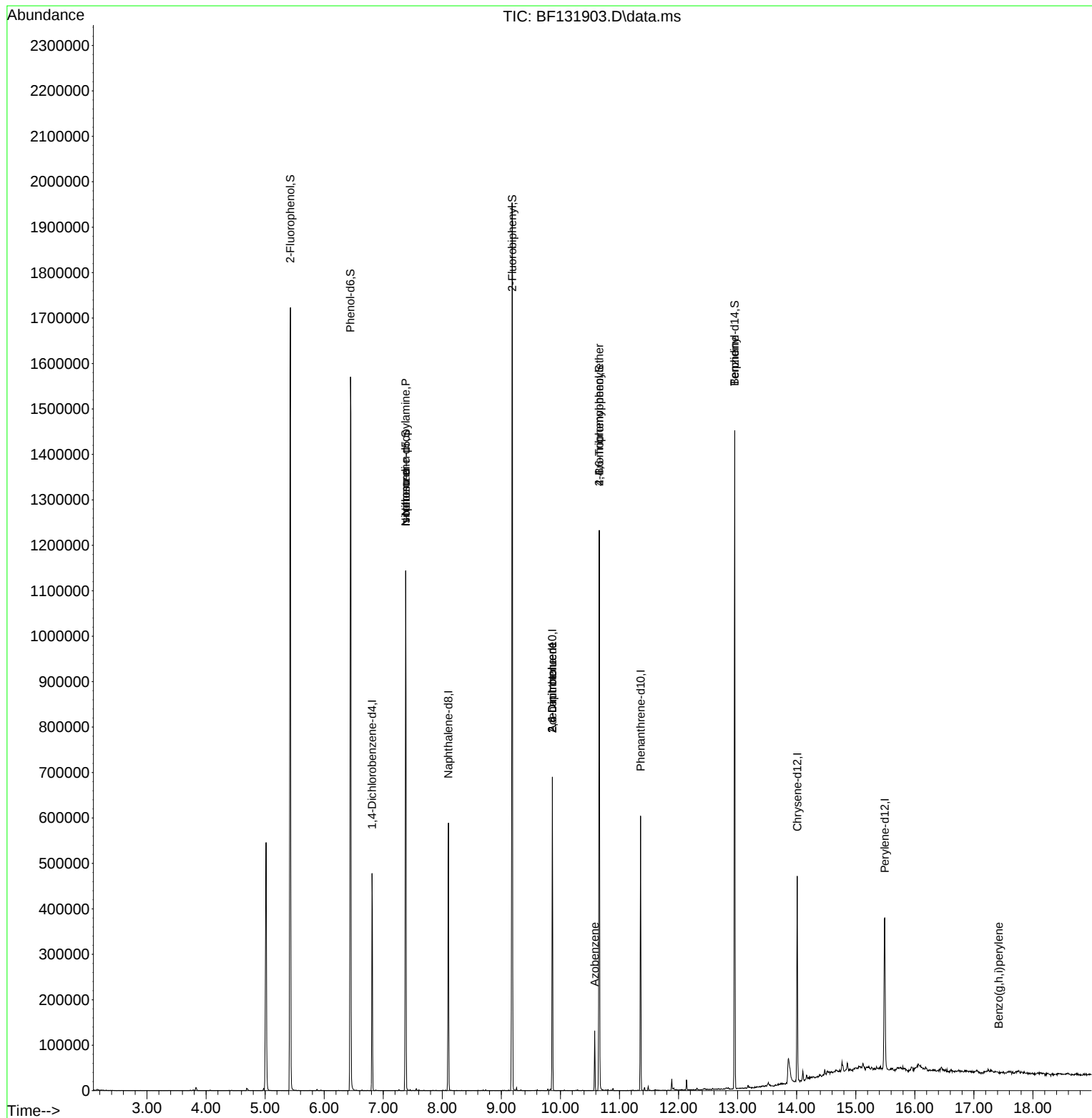
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	64593	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	224471	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	119685	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	195365	20.000	ng	0.00
76) Chrysene-d12	14.010	240	136580	20.000	ng	0.00
86) Perylene-d12	15.492	264	161508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	421902	108.245	ng	0.00
7) Phenol-d6	6.445	99	543256	106.088	ng	0.00
23) Nitrobenzene-d5	7.381	82	379311	67.466	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	122006	93.823	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	608920	69.688	ng	0.00
79) Terphenyl-d14	12.951	244	441377	54.664	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	52366	14.479	ng	# 80
25) Isophorone	7.381	82	377854	41.154	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	15423	7.869	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	15423	5.754	ng	# 17
63) Azobenzene	10.580	77	21335	2.206	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	9047	3.996	ng	# 1
77) Benzidine	12.951	184	7223	3.218	ng	# 94
92) Benzo(g,h,i)perylene	17.421	276	627	5.304	ng	# 39

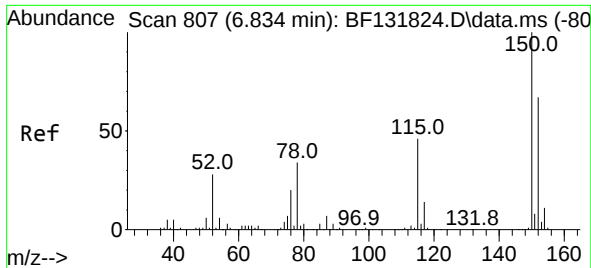
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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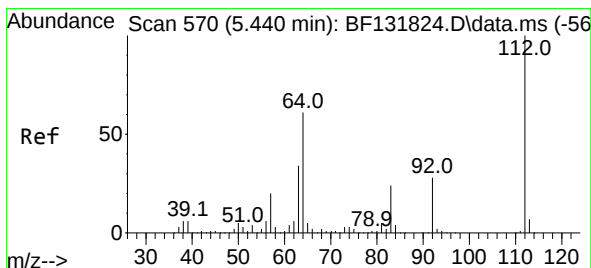
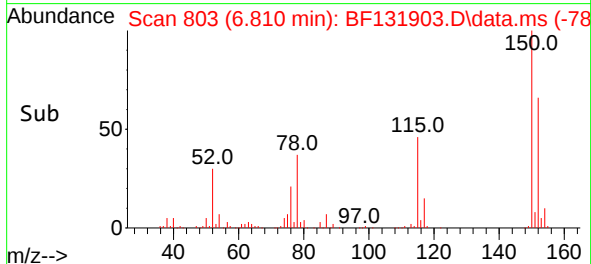
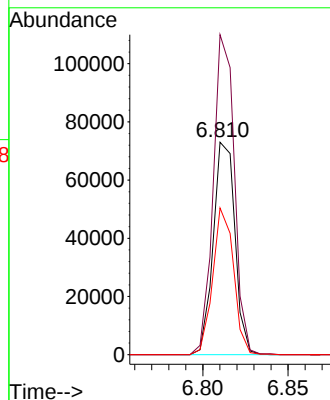
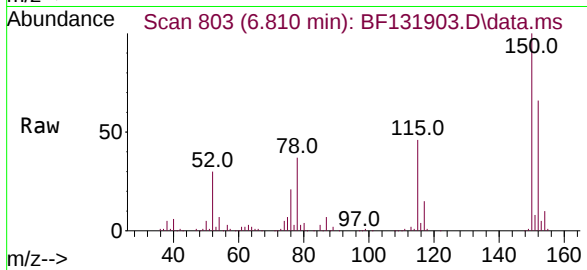




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

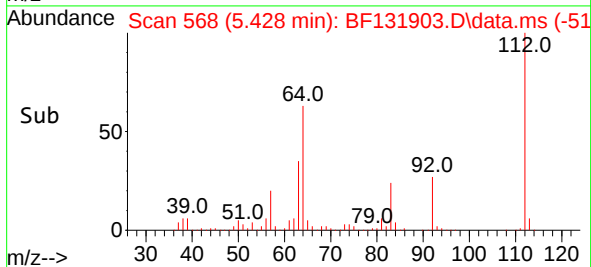
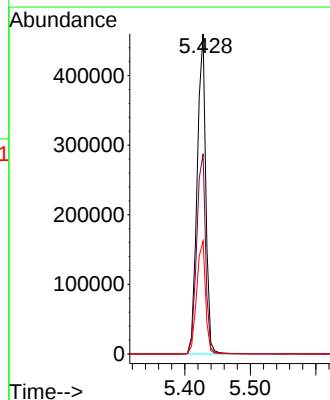
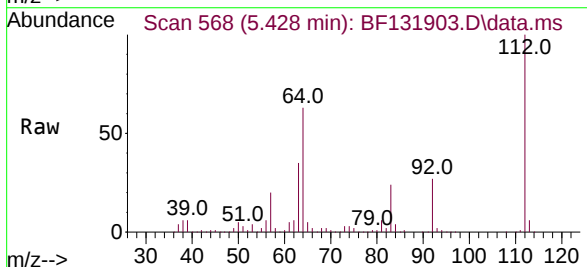
Instrument :
BNA_F
ClientSampleId :
TP-C3

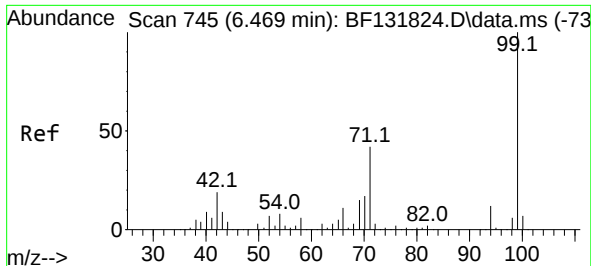
Tgt Ion:152 Resp: 64593
Ion Ratio Lower Upper
152 100
150 150.6 120.0 180.0
115 69.1 55.1 82.7



#5
2-Fluorophenol
Concen: 108.245 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion:112 Resp: 421902
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 35.3 27.5 41.3

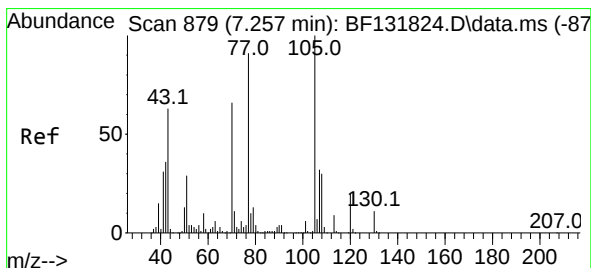
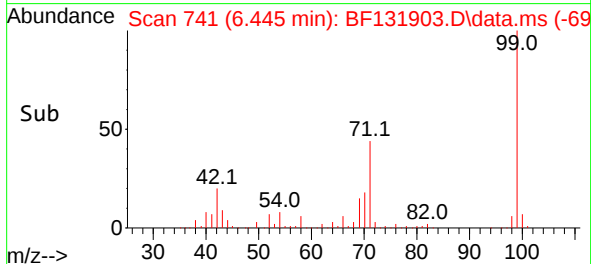
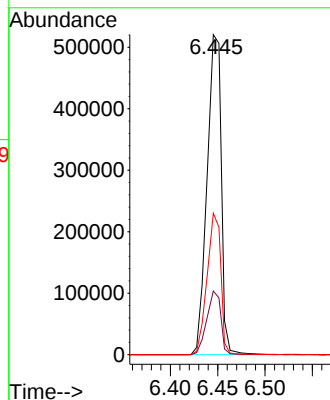
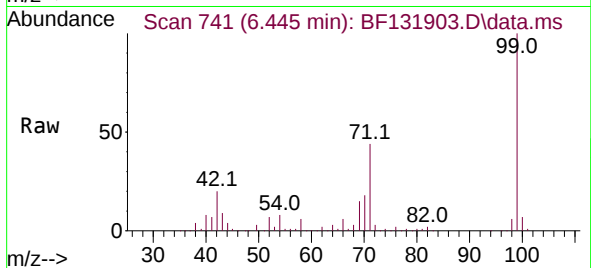




#7
Phenol-d6
Concen: 106.088 ng
RT: 6.445 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

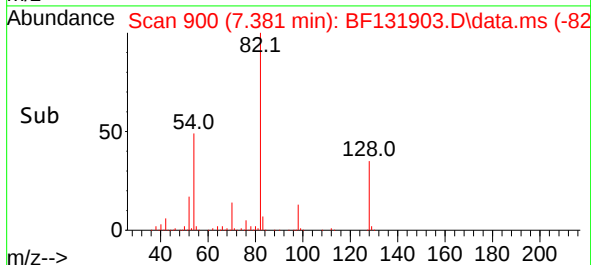
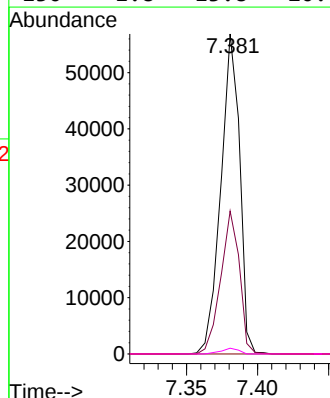
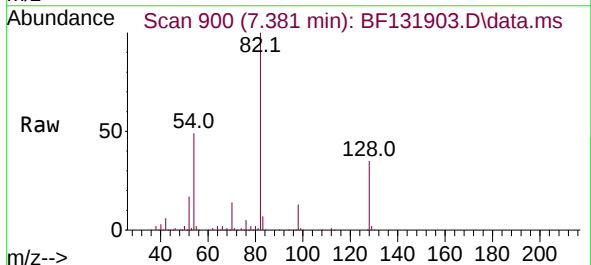
Instrument :
BNA_F
ClientSampleId :
TP-C3

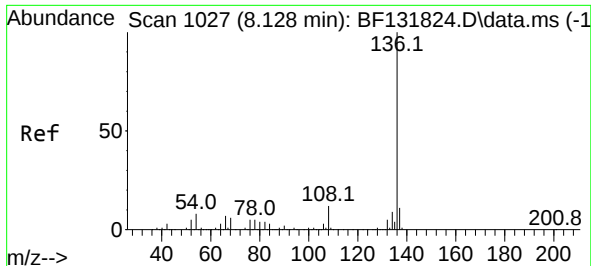
Tgt Ion: 99 Resp: 543256
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 44.2 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.479 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion: 70 Resp: 52366
Ion Ratio Lower Upper
70 100
42 44.7 43.8 65.6
101 0.0 7.4 11.0#
130 1.8 13.8 20.6#

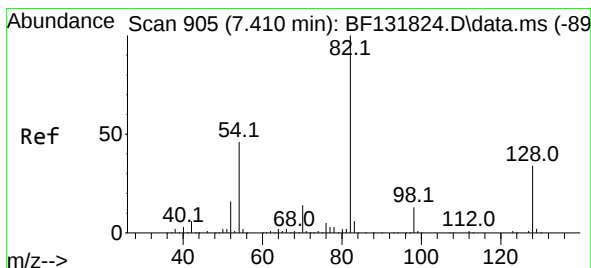
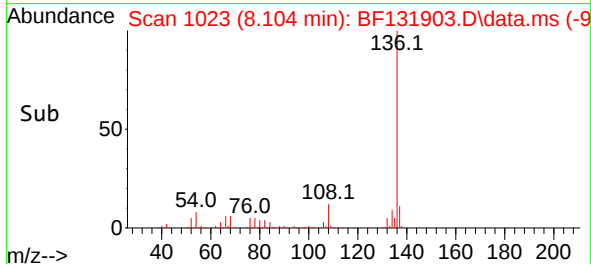
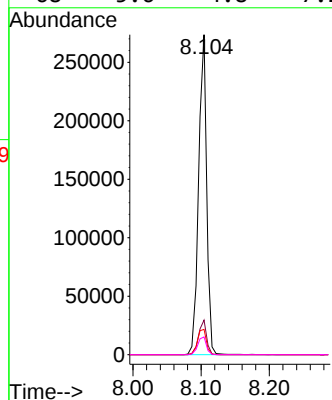
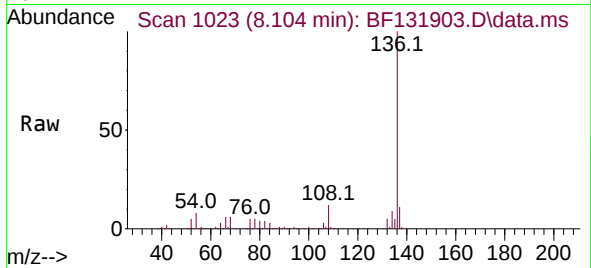




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

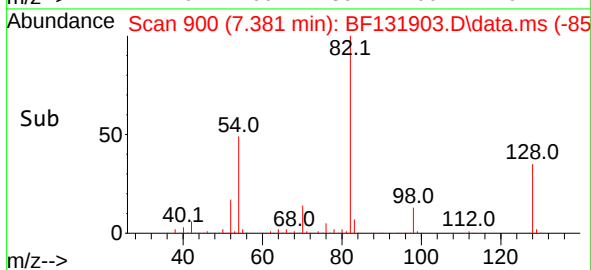
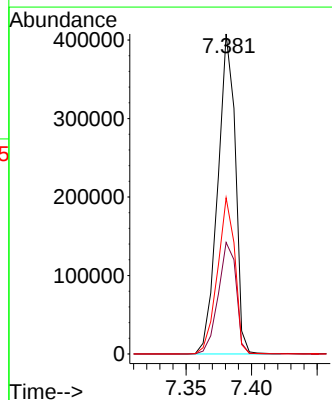
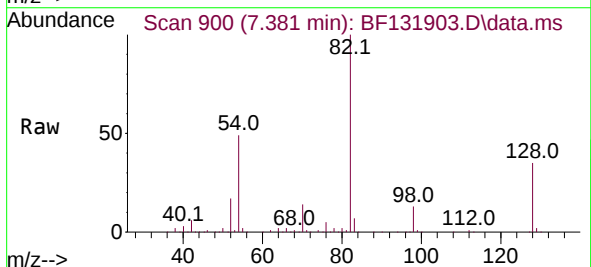
Instrument :
BNA_F
ClientSampleId :
TP-C3

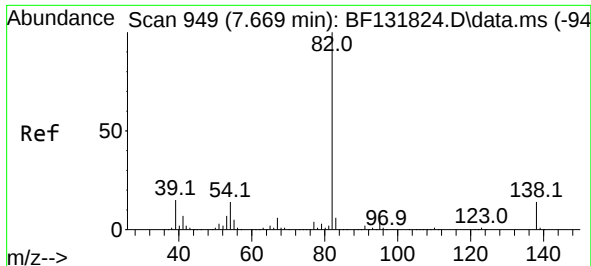
Tgt Ion:136 Resp: 224471
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.9 6.7 10.1
68 5.6 4.8 7.2



#23
Nitrobenzene-d5
Concen: 67.466 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion: 82 Resp: 379311
Ion Ratio Lower Upper
82 100
128 34.8 27.1 40.7
54 48.8 37.0 55.6

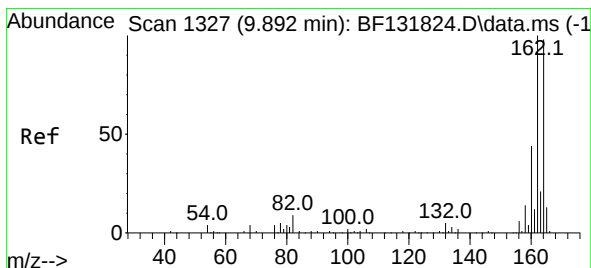
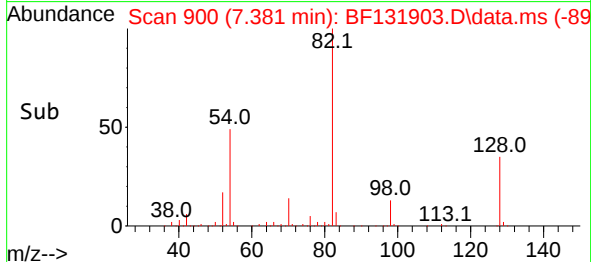
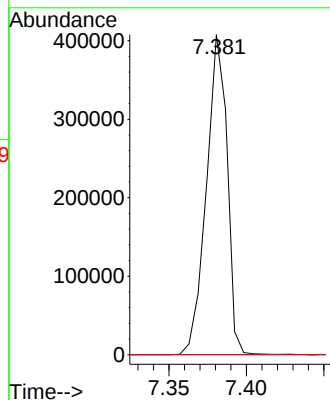
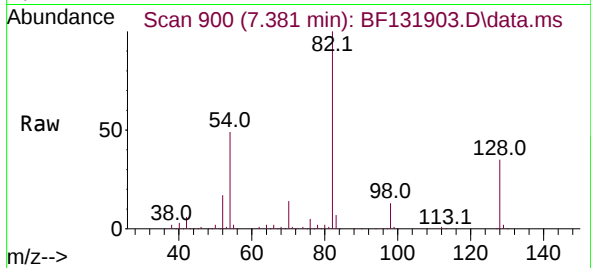




#25
Isophorone
Concen: 41.154 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

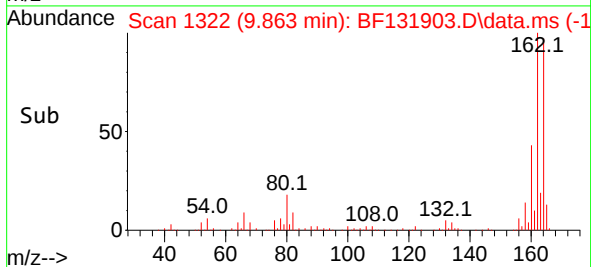
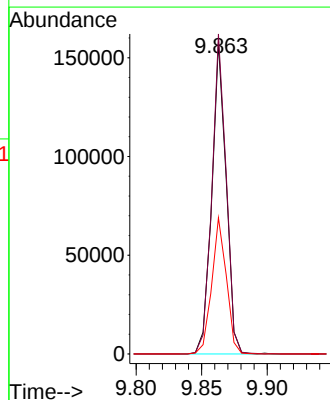
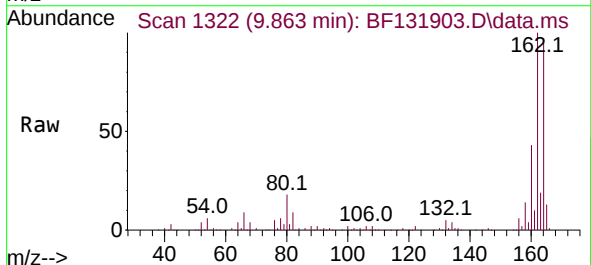
Instrument :
BNA_F
ClientSampleId :
TP-C3

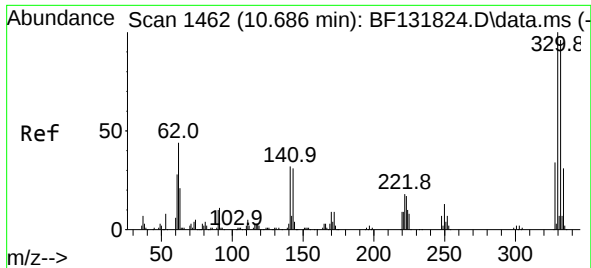
Tgt Ion: 82 Resp: 377854
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion: 164 Resp: 119685
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 43.7 35.7 53.5

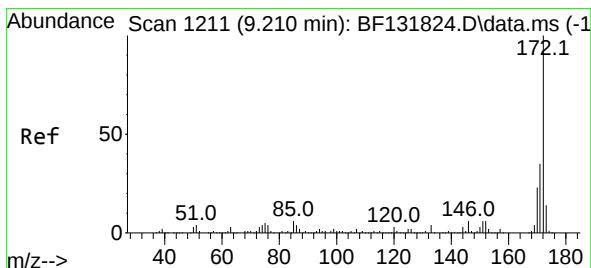
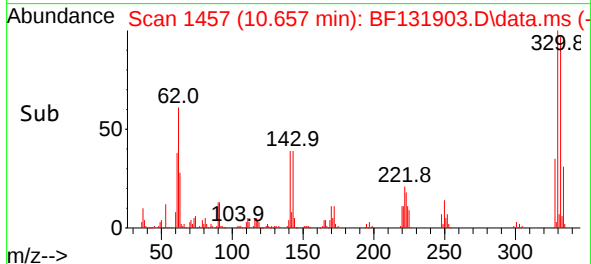
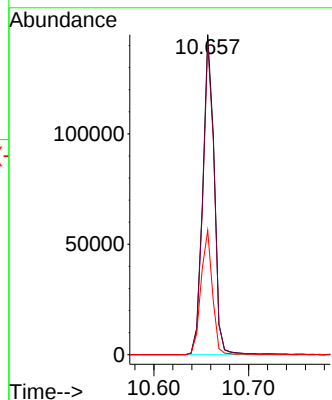
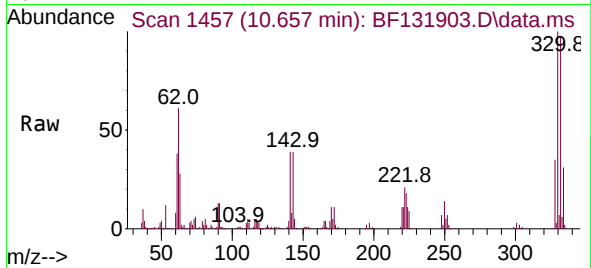




#42
2,4,6-Tribromophenol
Concen: 93.823 ng
RT: 10.657 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

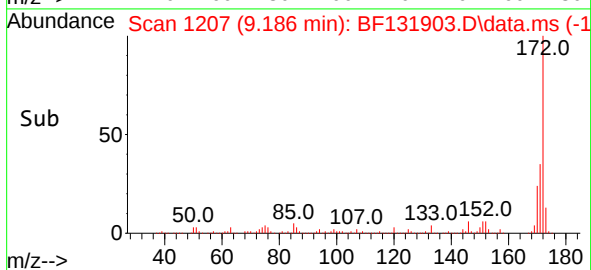
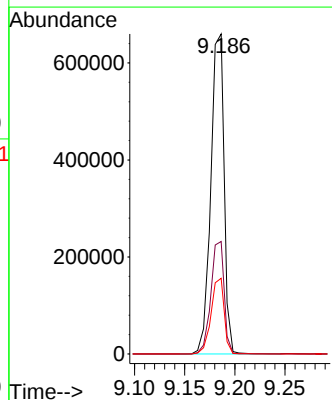
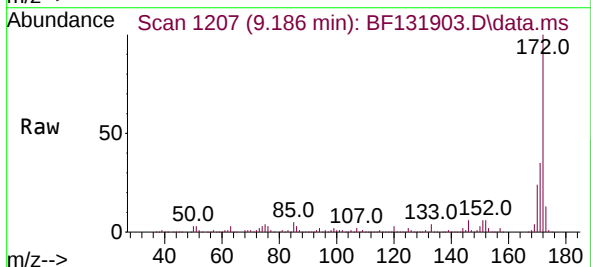
Instrument :
BNA_F
ClientSampleId :
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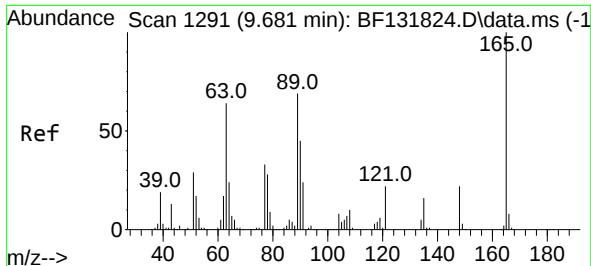
Tgt Ion:330 Resp: 122006
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 39.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 69.688 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion:172 Resp: 608920
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.869 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Instrument :

BNA_F

ClientSampleId :

TP-C3

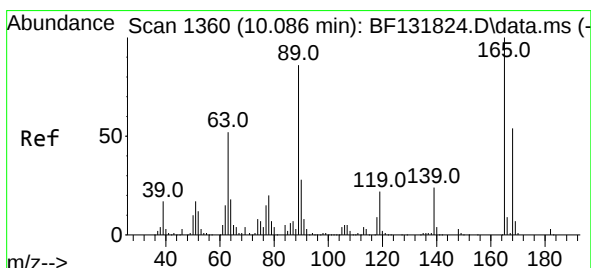
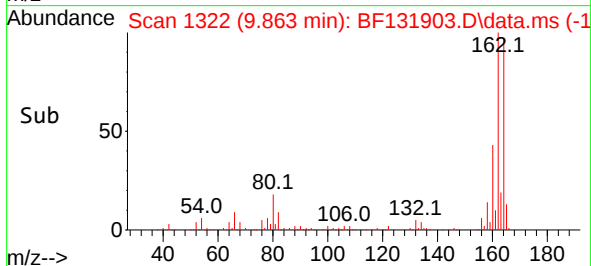
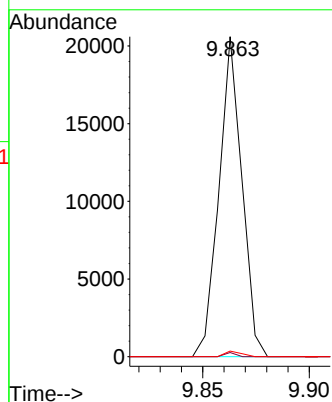
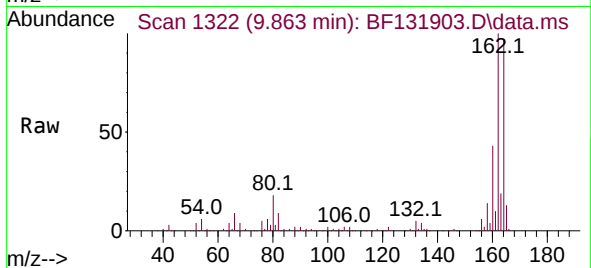
Tgt Ion:165 Resp: 15423

Ion Ratio Lower Upper

165 100

63 1.3 55.1 82.7#

89 1.7 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.754 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Tgt Ion:165 Resp: 15423

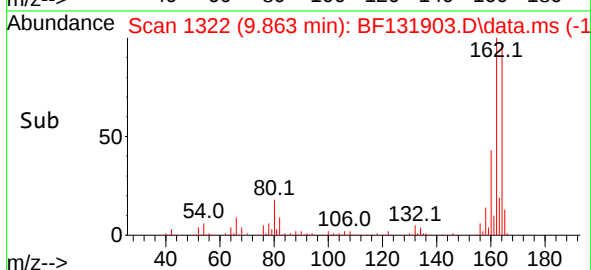
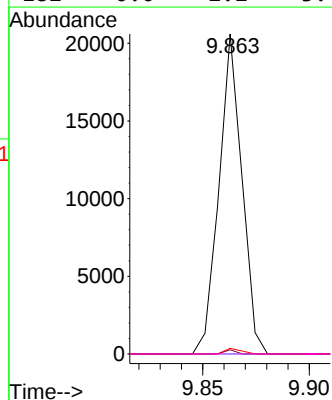
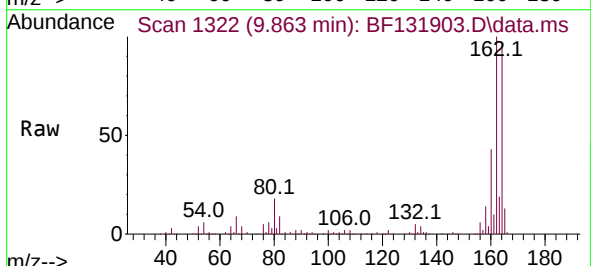
Ion Ratio Lower Upper

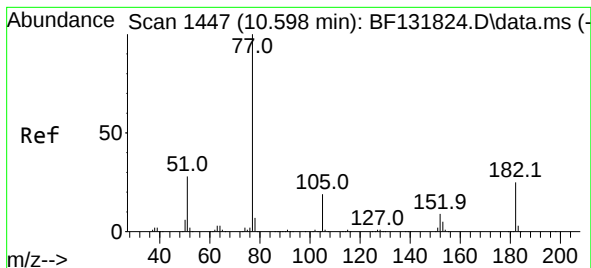
165 100

63 1.3 42.1 63.1#

89 1.7 69.1 103.7#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.206 ng

RT: 10.580 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Instrument :

BNA_F

ClientSampleId :

TP-C3

Tgt Ion: 77 Resp: 21335

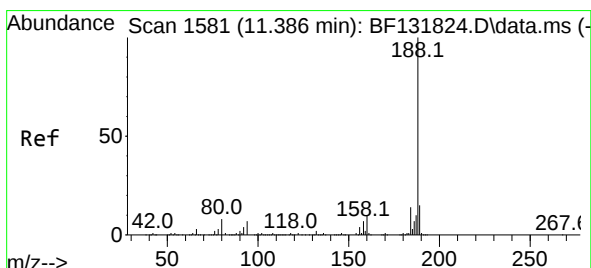
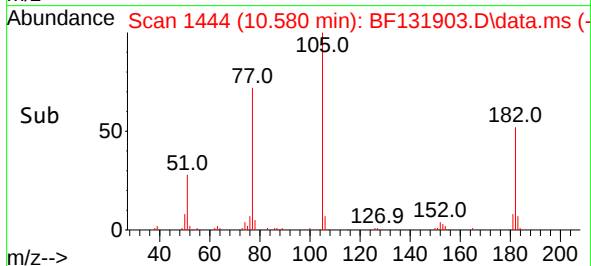
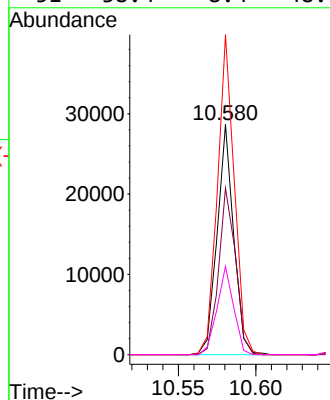
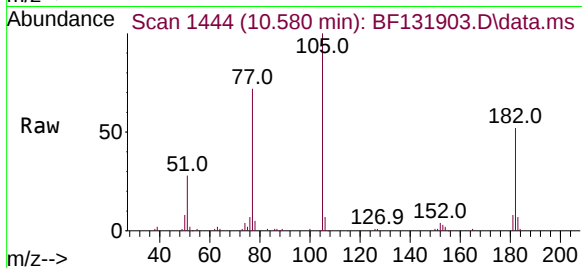
Ion Ratio Lower Upper

77 100

182 72.4 5.0 45.0#

105 139.0 0.0 39.4#

51 38.4 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

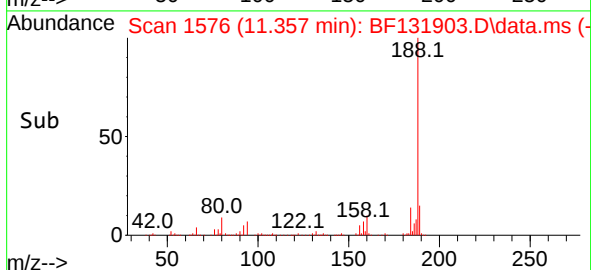
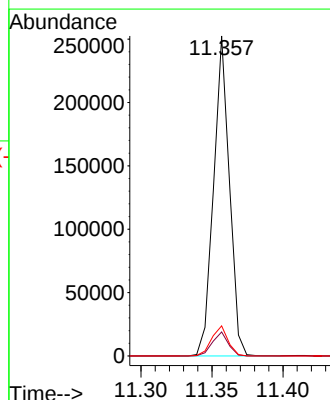
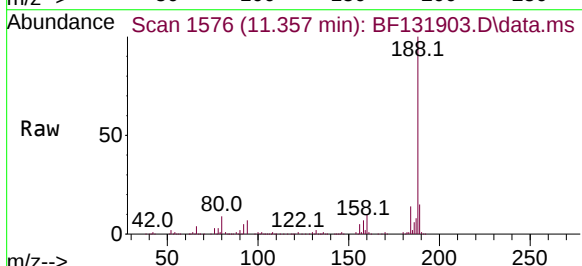
Tgt Ion: 188 Resp: 195365

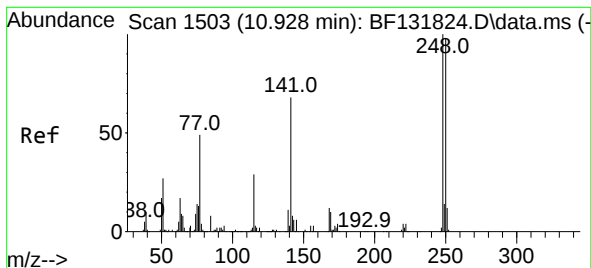
Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

80 9.4 6.7 10.1

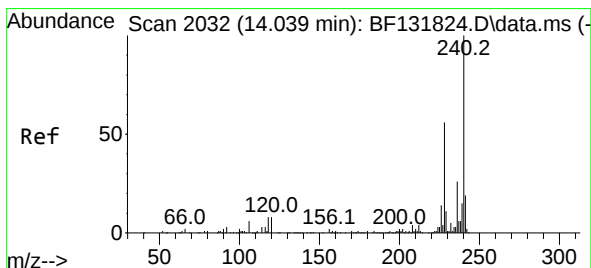
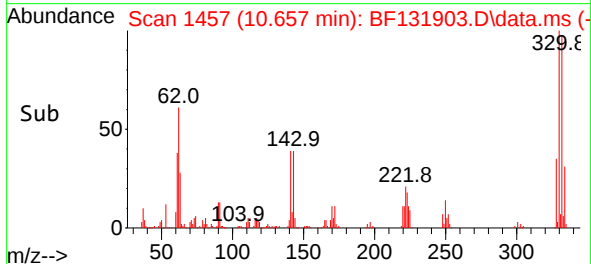
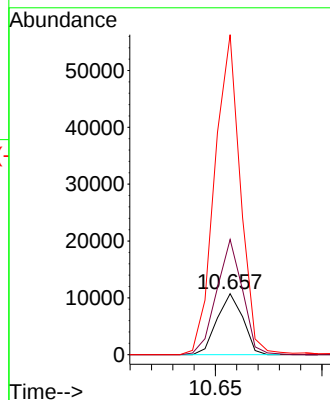
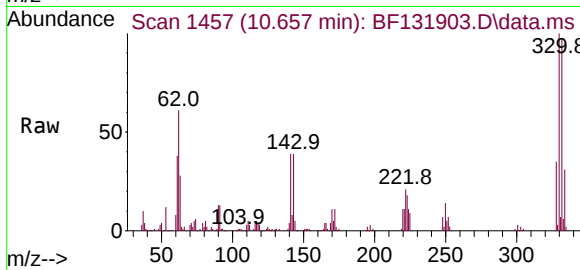




#67
4-Bromophenyl-phenylether
Concen: 3.996 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

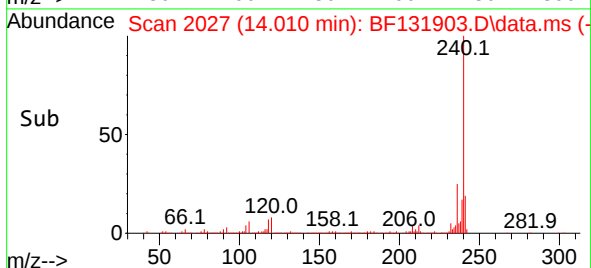
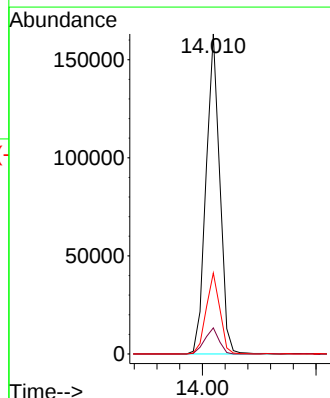
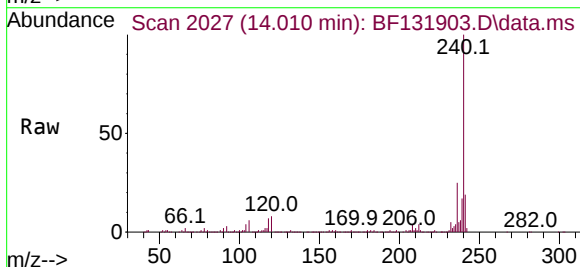
Instrument :
BNA_F
ClientSampleId :
TP-C3

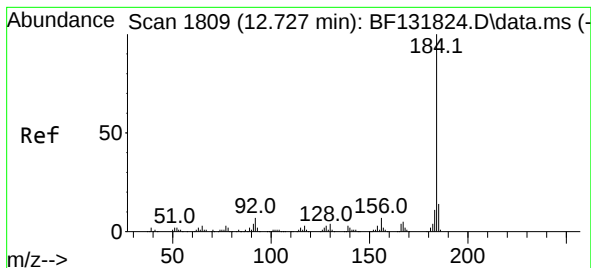
Tgt Ion:248 Resp: 9047
Ion Ratio Lower Upper
248 100
250 188.9 78.0 117.0#
141 524.7 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131903.D
Acq: 04 Jan 2023 17:26

Tgt Ion:240 Resp: 136580
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 25.3 20.6 31.0





#77

Benzidine

Concen: 3.218 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Instrument :

BNA_F

ClientSampleId :

TP-C3

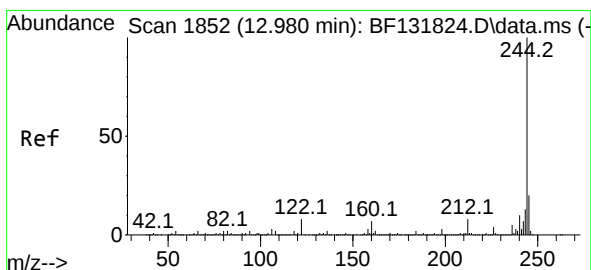
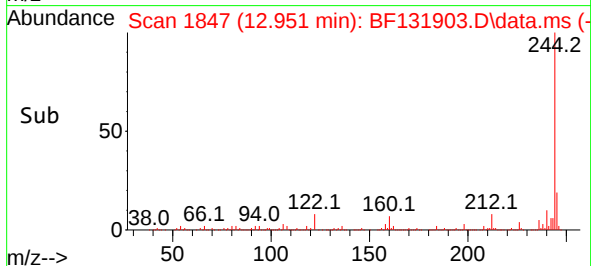
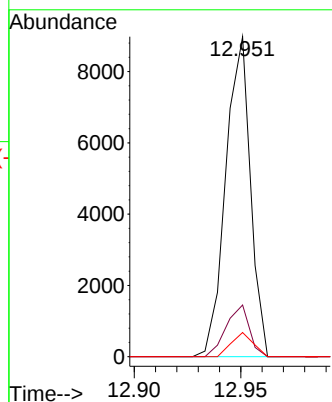
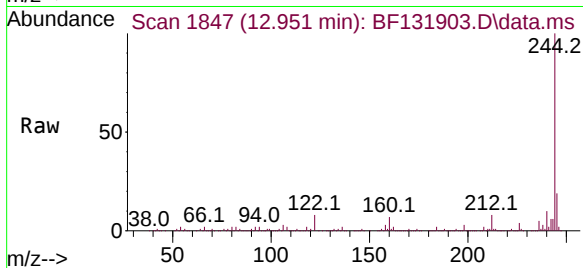
Tgt Ion:184 Resp: 7223

Ion Ratio Lower Upper

184 100

185 16.1 11.6 17.4

183 7.6 9.0 13.4#



#79

Terphenyl-d14

Concen: 54.664 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

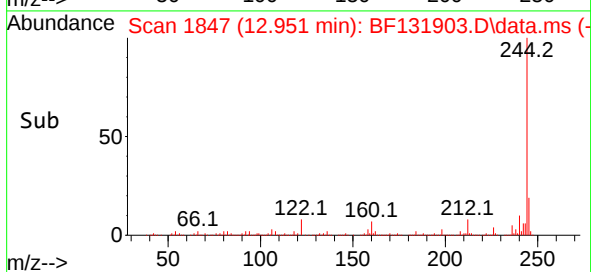
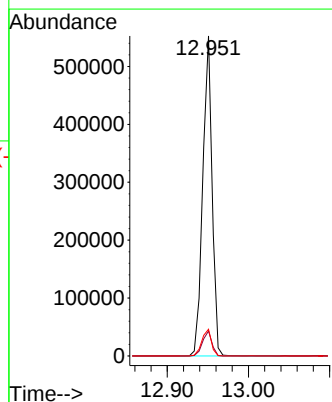
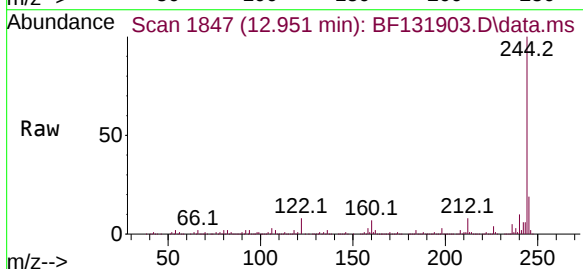
Tgt Ion:244 Resp: 441377

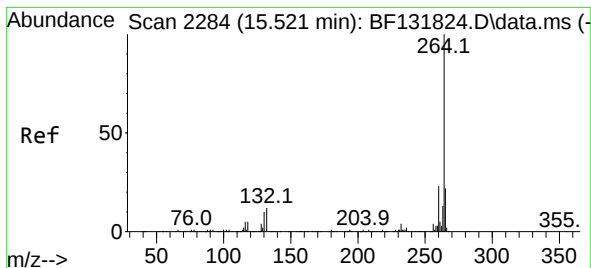
Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.3 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Instrument :

BNA_F

ClientSampleId :

TP-C3

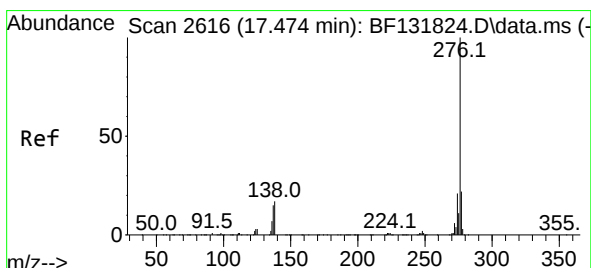
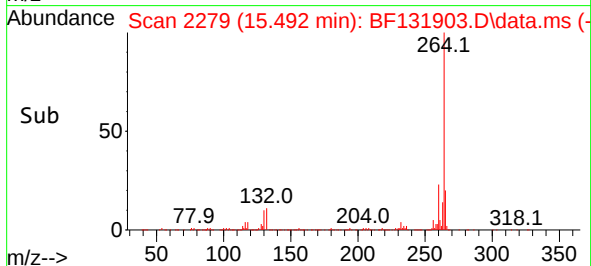
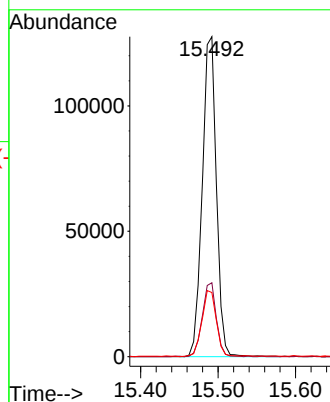
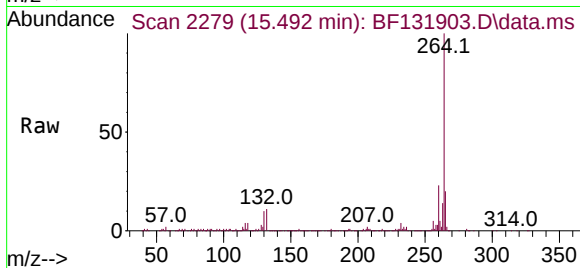
Tgt Ion:264 Resp: 161508

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 20.0 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.304 ng

RT: 17.421 min Scan# 2607

Delta R.T. -0.006 min

Lab File: BF131903.D

Acq: 04 Jan 2023 17:26

Tgt Ion:276 Resp: 627

Ion Ratio Lower Upper

276 100

277 59.5 17.9 26.9#

138 0.0 13.7 20.5#

