

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132029.D
 Acq On : 11 Jan 2023 18:29
 Operator : CG\JU
 Sample : 01073-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1526

Quant Time: Jan 12 00:36:54 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)

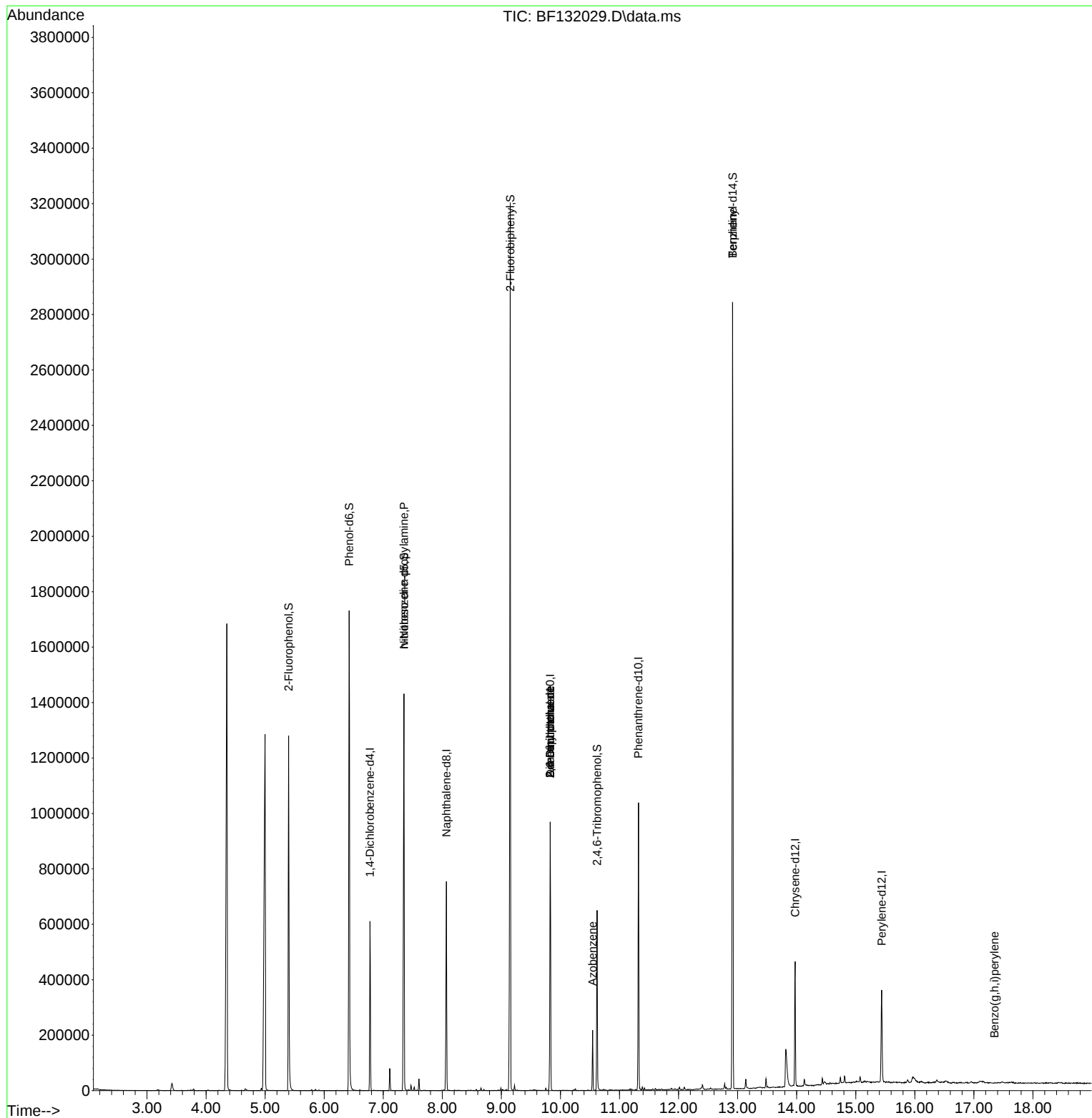
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	82618	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	304143	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	181925	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	349445	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	145798	20.000	ng	-0.01
86) Perylene-d12	15.439	264	147296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	305771	60.985	ng	0.00
7) Phenol-d6	6.422	99	584464	87.918	ng	-0.01
23) Nitrobenzene-d5	7.351	82	493477	67.340	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	62544	29.900	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	916747	68.027	ng	-0.01
79) Terphenyl-d14	12.915	244	961219	94.493	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	67880	14.115	ng	# 79
50) Dimethylphthalate	9.827	163	37454	2.641	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	23607	7.915	ng	# 22
57) 2,4-Dinitrotoluene	9.827	165	23607	5.920	ng	# 13
63) Azobenzene	10.545	77	35420	2.395	ng	# 1
77) Benzidine	12.915	184	15341	3.167	ng	# 95
92) Benzo(g,h,i)perylene	17.350	276	54	3.531	ng	# 58

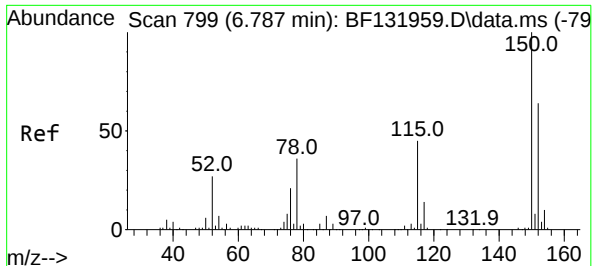
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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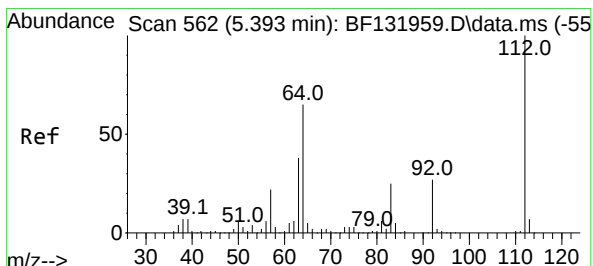
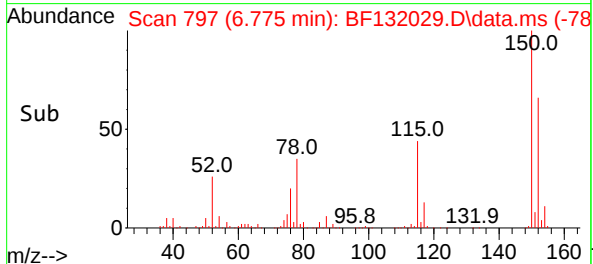
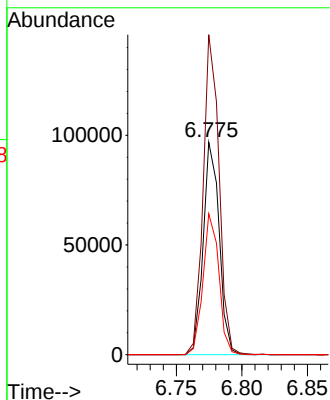
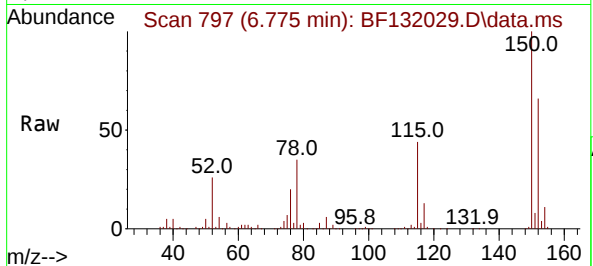




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

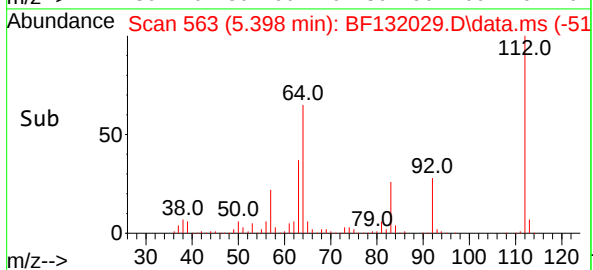
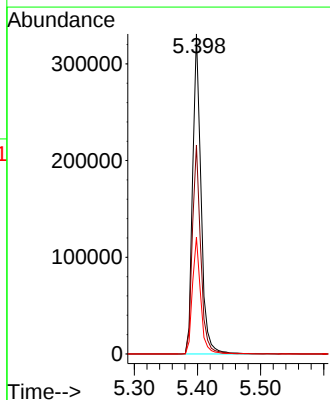
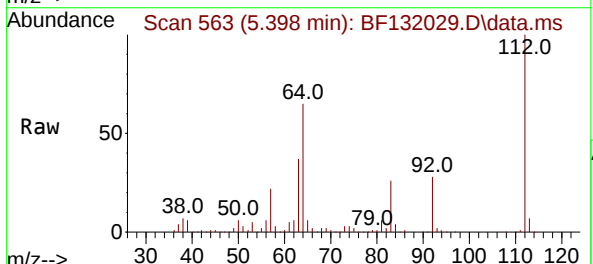
Instrument :
BNA_F
ClientSampleId :
1526

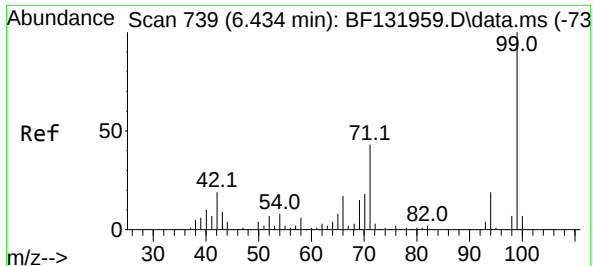
Tgt Ion:152 Resp: 82618
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 66.3 55.6 83.4



#5
2-Fluorophenol
Concen: 60.985 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion:112 Resp: 305771
Ion Ratio Lower Upper
112 100
64 65.3 51.9 77.9
63 36.5 30.2 45.2

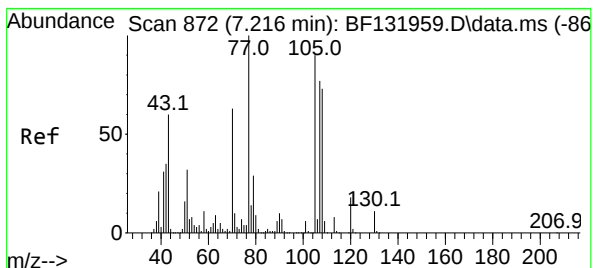
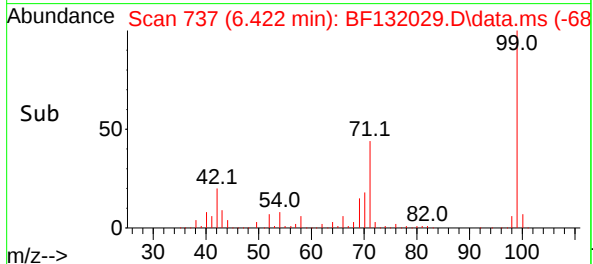
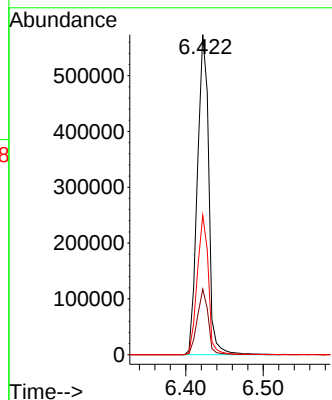
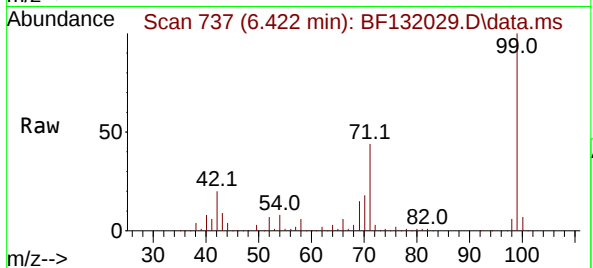




#7
Phenol-d6
Concen: 87.918 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

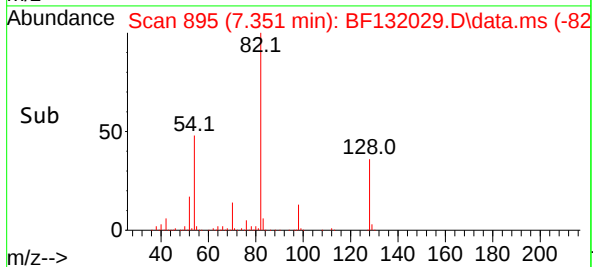
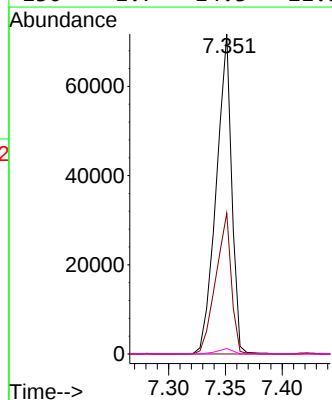
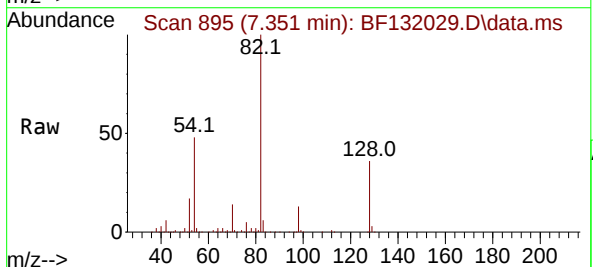
Instrument :
BNA_F
ClientSampleId :
1526

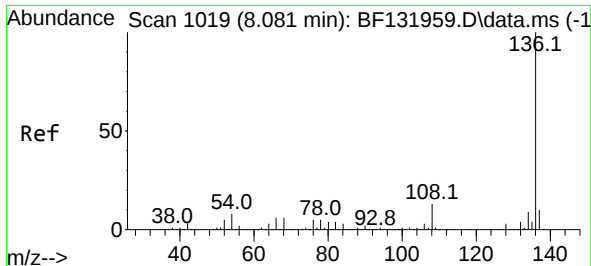
Tgt Ion: 99 Resp: 584464
Ion Ratio Lower Upper
99 100
42 20.5 15.4 23.2
71 43.5 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.115 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion: 70 Resp: 67880
Ion Ratio Lower Upper
70 100
42 44.0 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#

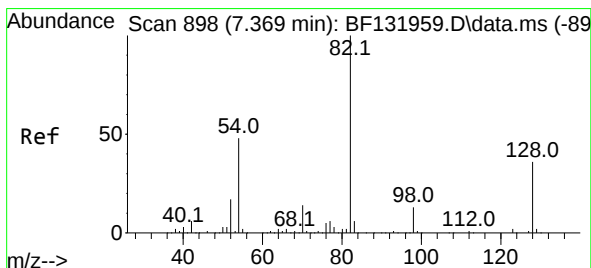
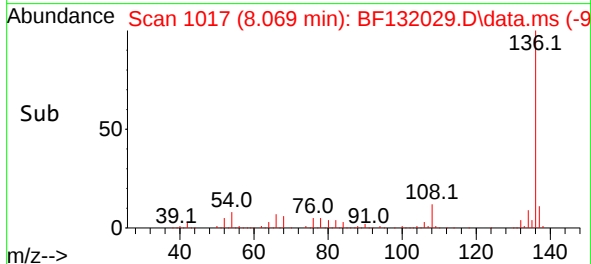
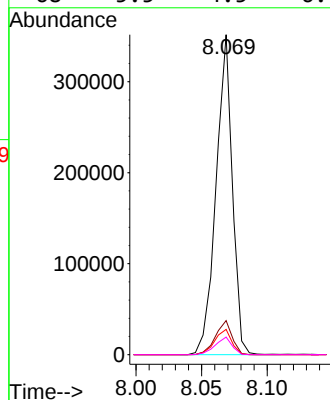
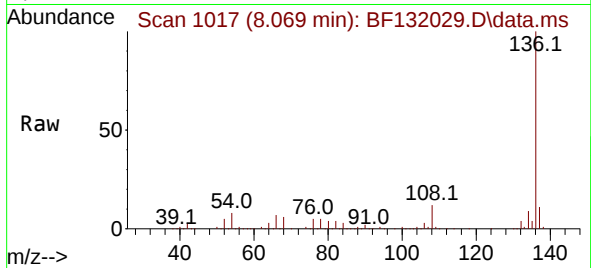




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

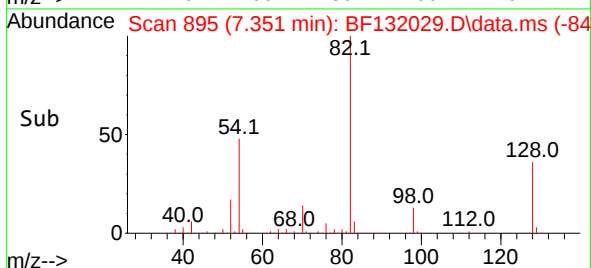
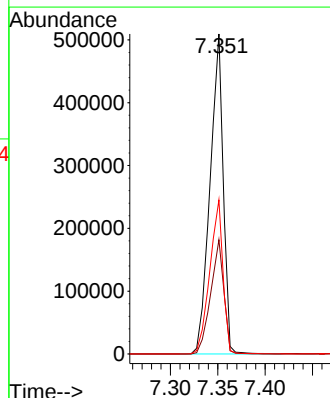
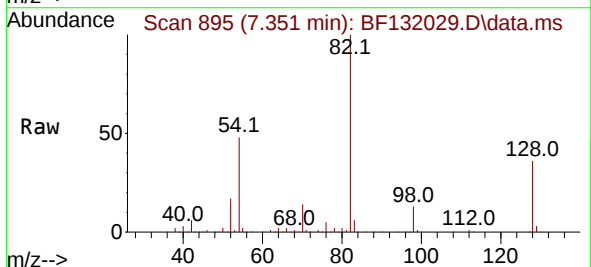
Instrument :
BNA_F
ClientSampleId :
1526

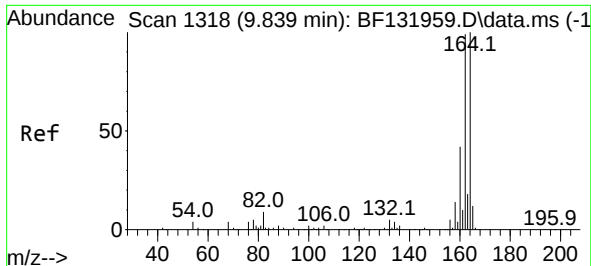
Tgt	Ion:136	Resp:	304143
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	7.9	6.6	9.8
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 67.340 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion: 82	Resp: 493477
Ion Ratio	Lower Upper
82 100	
128 35.7	28.7 43.1
54 48.2	38.1 57.1

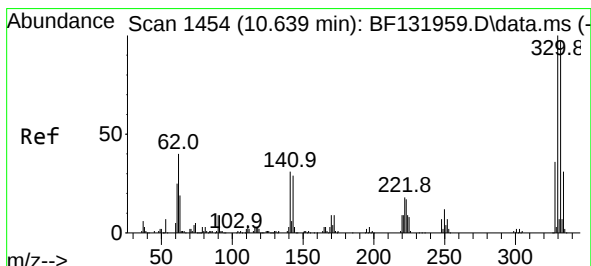
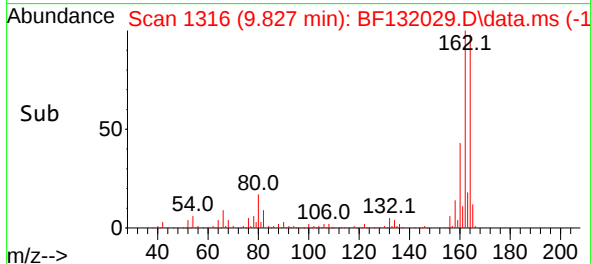
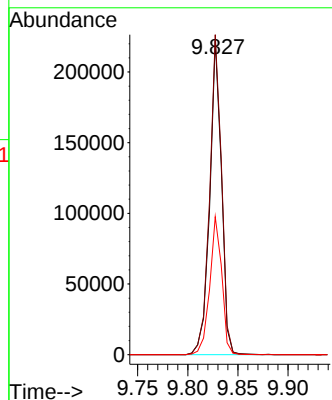
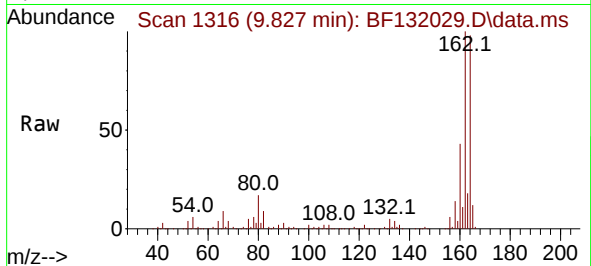




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

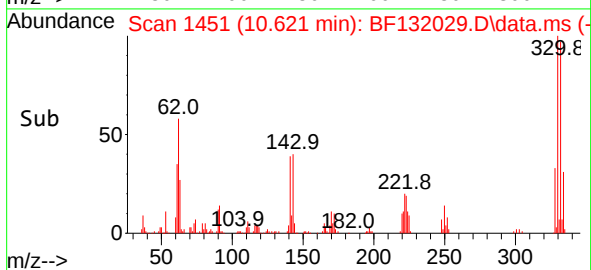
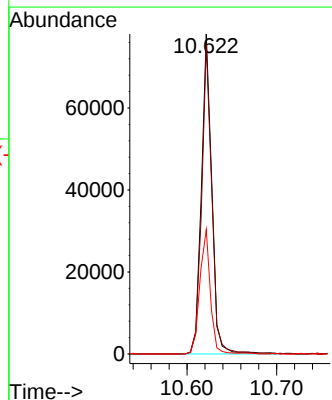
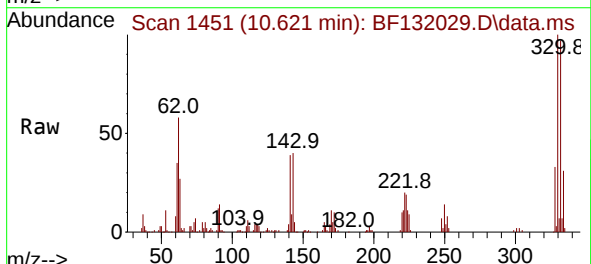
Instrument :
BNA_F
ClientSampleId :
1526

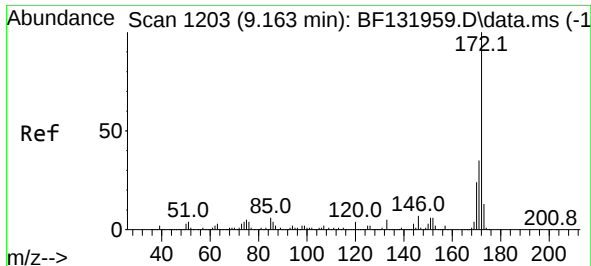
Tgt Ion:164 Resp: 181925
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 43.9 33.9 50.9



#42
2,4,6-Tribromophenol
Concen: 29.900 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion:330 Resp: 62544
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 39.4 31.3 46.9

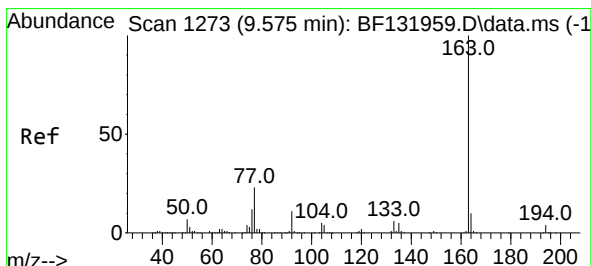
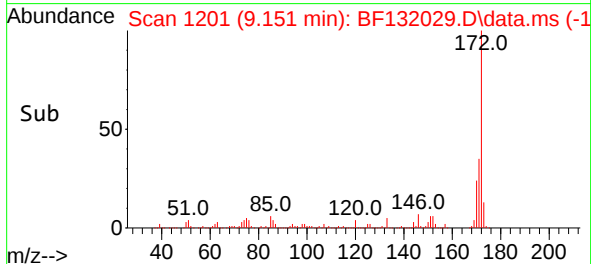
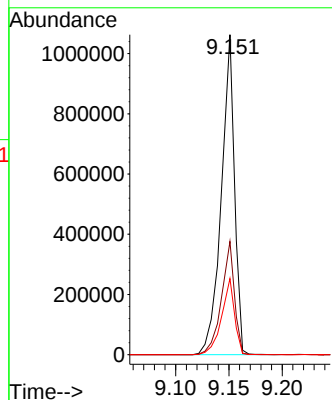
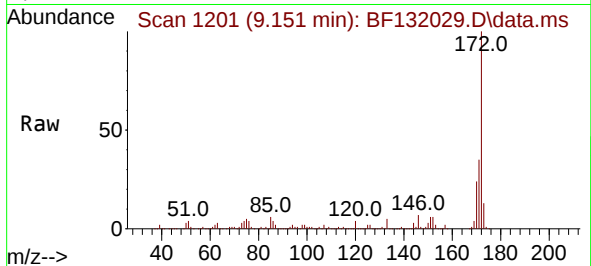




#45
2-Fluorobiphenyl
Concen: 68.027 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

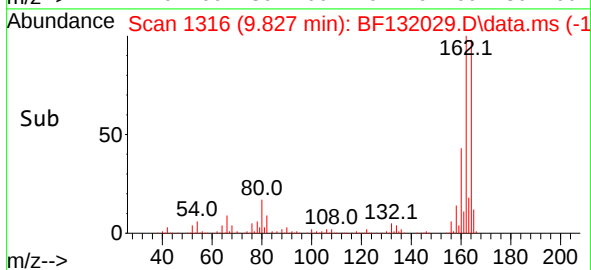
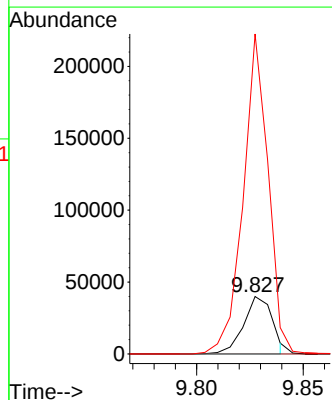
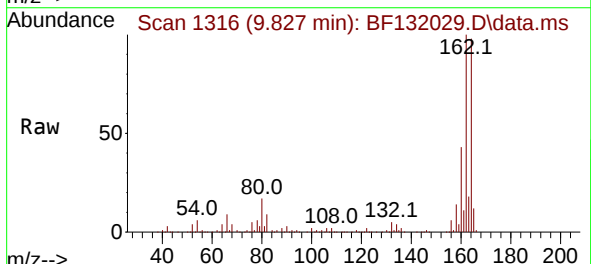
Instrument :
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ClientSampleId :
1526

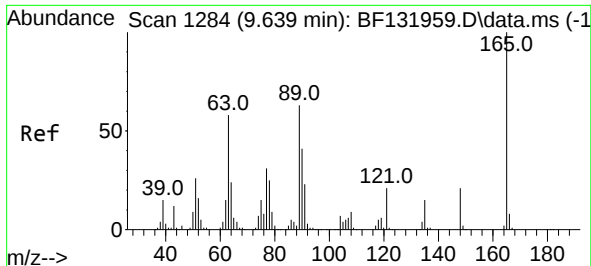
Tgt Ion:172 Resp: 916747
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 2.641 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.253 min
Lab File: BF132029.D
Acq: 11 Jan 2023 18:29

Tgt Ion:163 Resp: 37454
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 556.4 7.8 11.6#





#51

2,6-Dinitrotoluene

Concen: 7.915 ng

RT: 9.827 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526

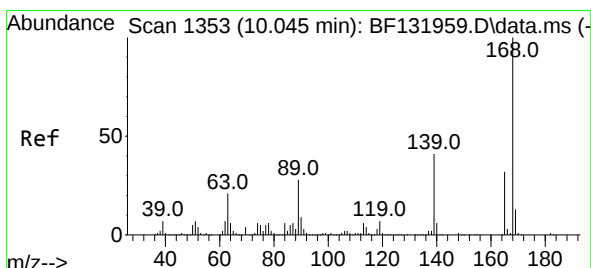
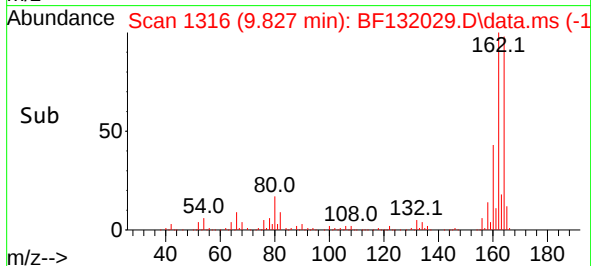
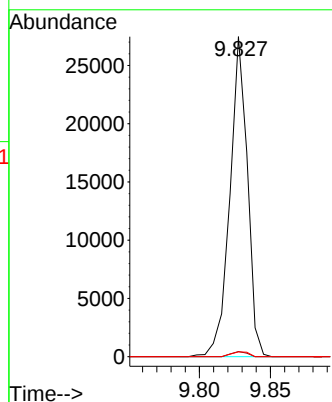
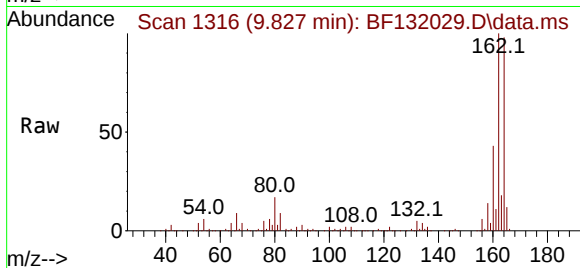
Tgt Ion:165 Resp: 23607

Ion Ratio Lower Upper

165 100

63 1.6 47.4 71.0#

89 1.5 50.2 75.2#



#57

2,4-Dinitrotoluene

Concen: 5.920 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.218 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Tgt Ion:165 Resp: 23607

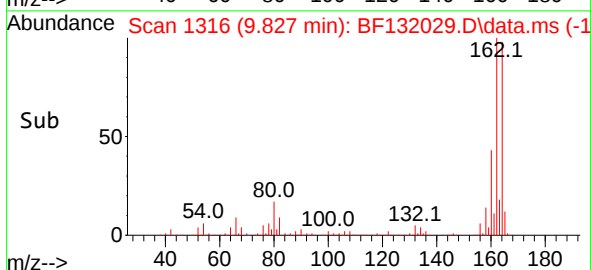
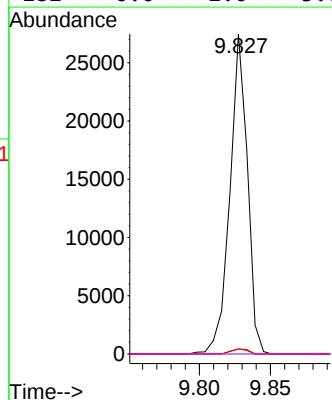
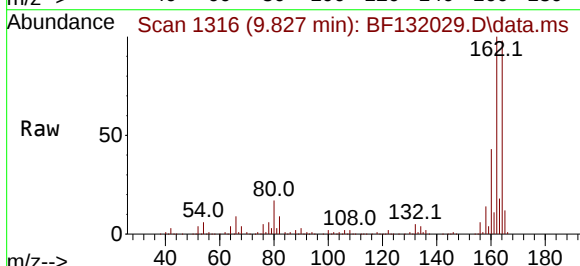
Ion Ratio Lower Upper

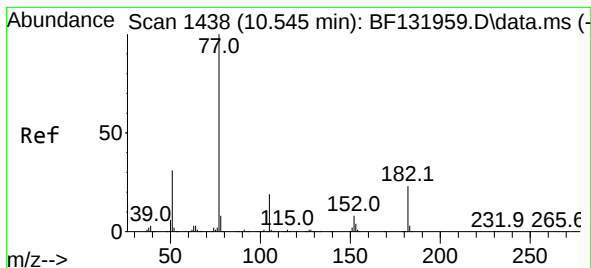
165 100

63 1.6 53.2 79.8#

89 1.5 71.2 106.8#

182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.395 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526

Tgt Ion: 77 Resp: 35420

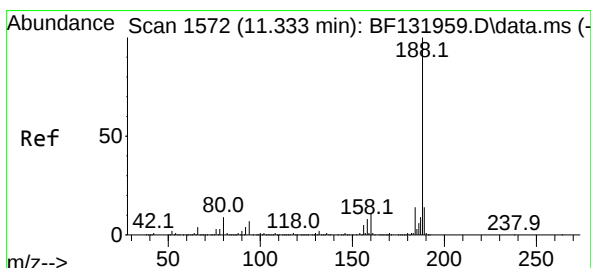
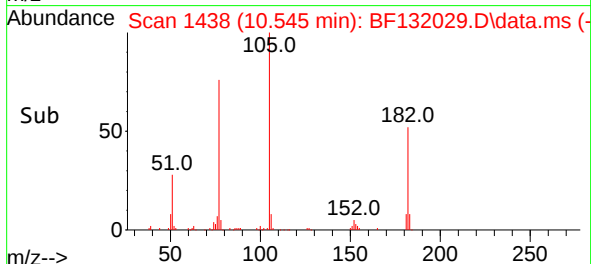
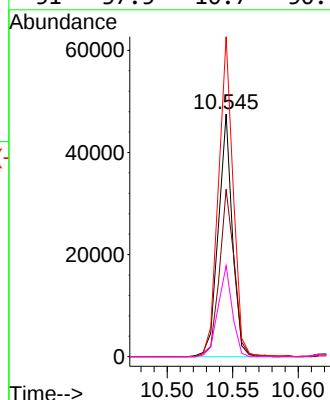
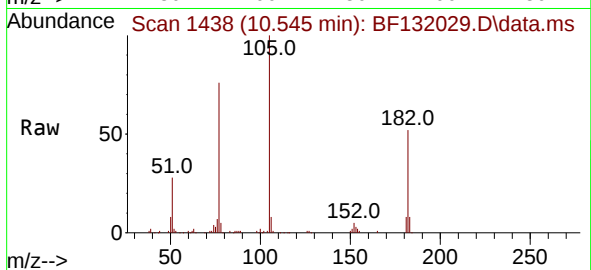
Ion Ratio Lower Upper

77 100

182 69.0 2.9 42.9#

105 131.9 0.0 39.3#

51 37.5 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. -0.012 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

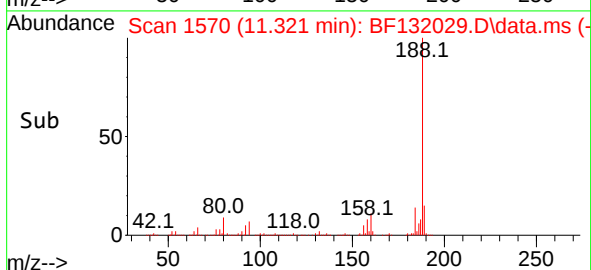
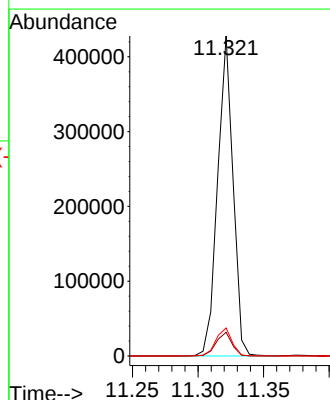
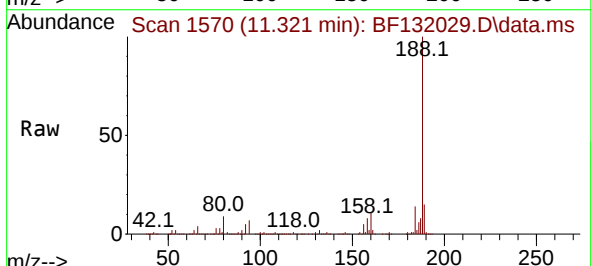
Tgt Ion: 188 Resp: 349445

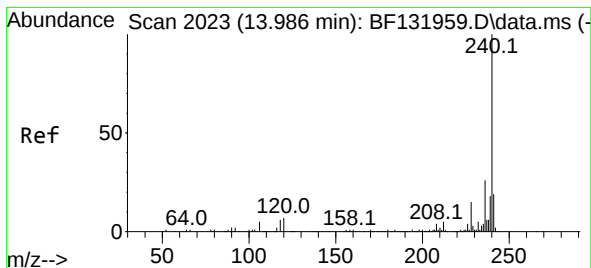
Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.8 7.4 11.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526

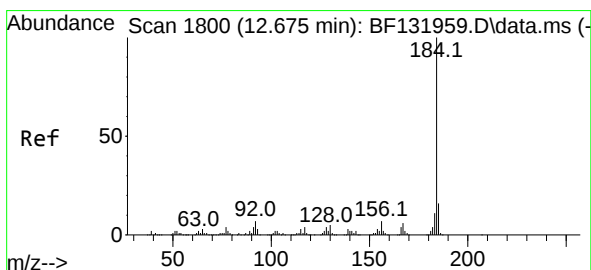
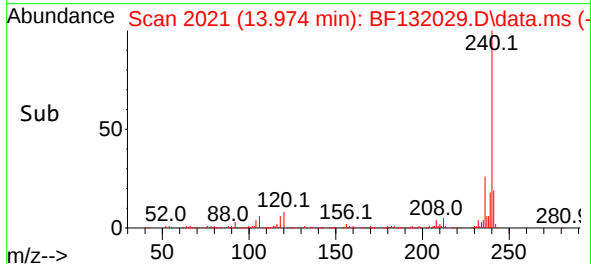
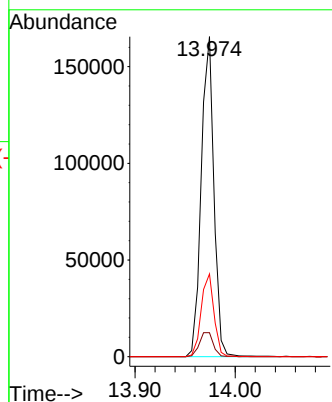
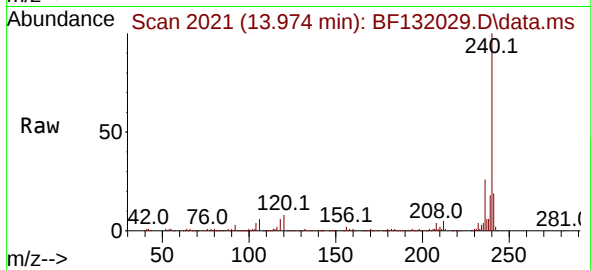
Tgt Ion:240 Resp: 145798

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.0

236 25.9 21.1 31.7



#77

Benzidine

Concen: 3.167 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.240 min

Lab File: BF132029.D

Acq: 11 Jan 2023 18:29

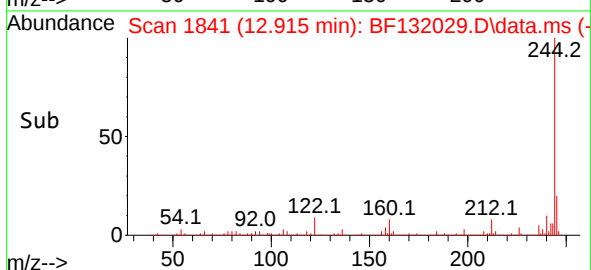
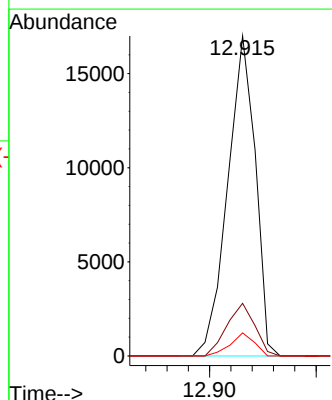
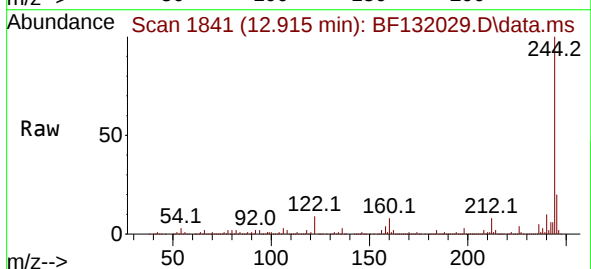
Tgt Ion:184 Resp: 15341

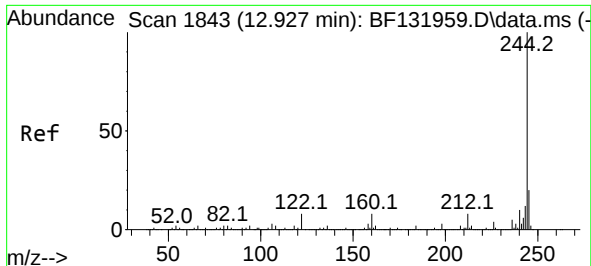
Ion Ratio Lower Upper

184 100

185 16.5 12.8 19.2

183 7.2 9.0 13.4#

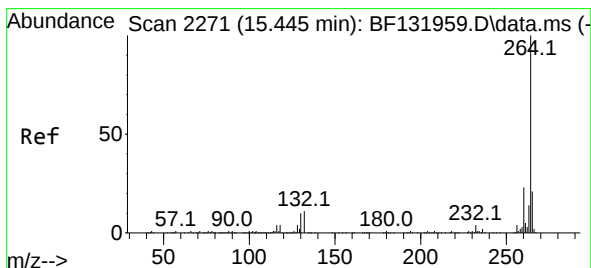
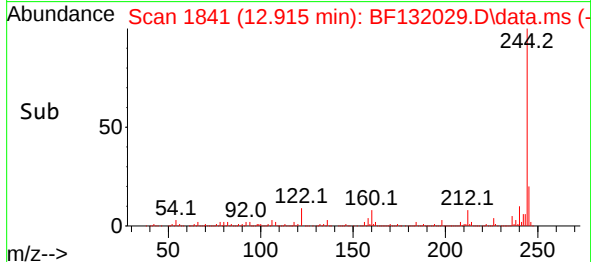
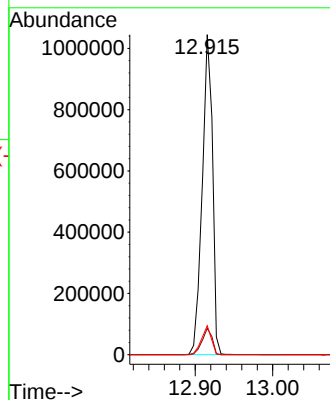
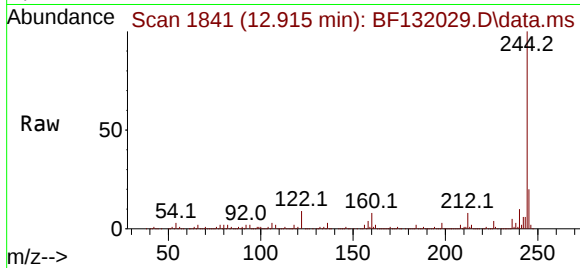




#79
 Terphenyl-d14
 Concen: 94.493 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF132029.D
 Acq: 11 Jan 2023 18:29

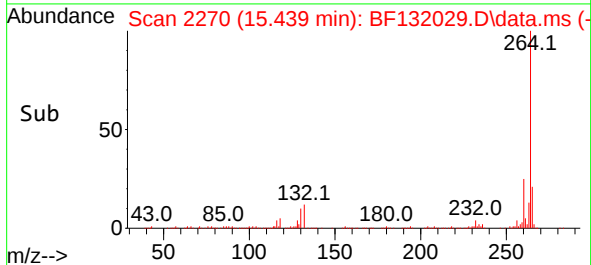
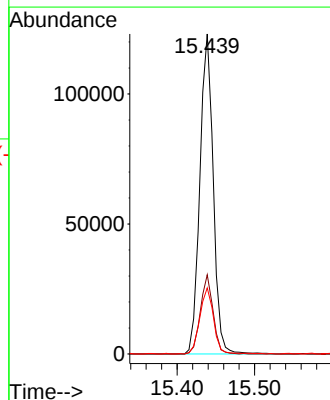
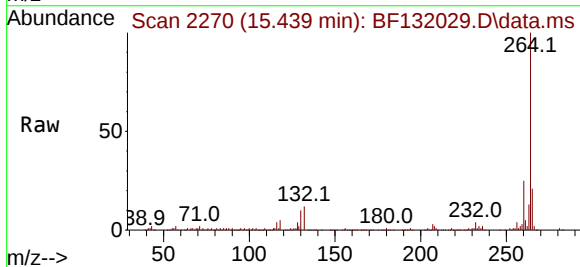
Instrument :
 BNA_F
 ClientSampleId :
 1526

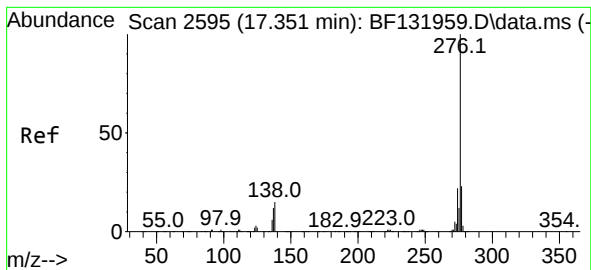
Tgt Ion:244 Resp: 961219
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 9.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF132029.D
 Acq: 11 Jan 2023 18:29

Tgt Ion:264 Resp: 147296
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.3 27.5
 265 20.7 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.531 ng

RT: 17.350 min Scan# 21

Delta R.T. -0.001 min

Lab File: BF132029.D

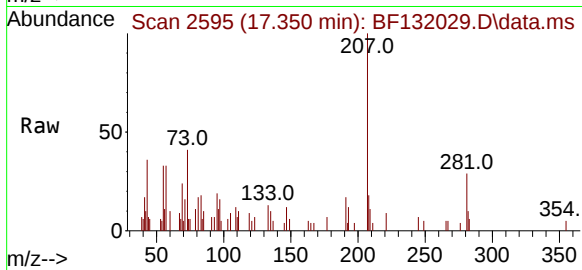
Acq: 11 Jan 2023 18:29

Instrument :

BNA_F

ClientSampleId :

1526



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#

