

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132713.D
 Acq On : 09 Mar 2023 12:24
 Operator : CG\JU
 Sample : 01829-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 13:59:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

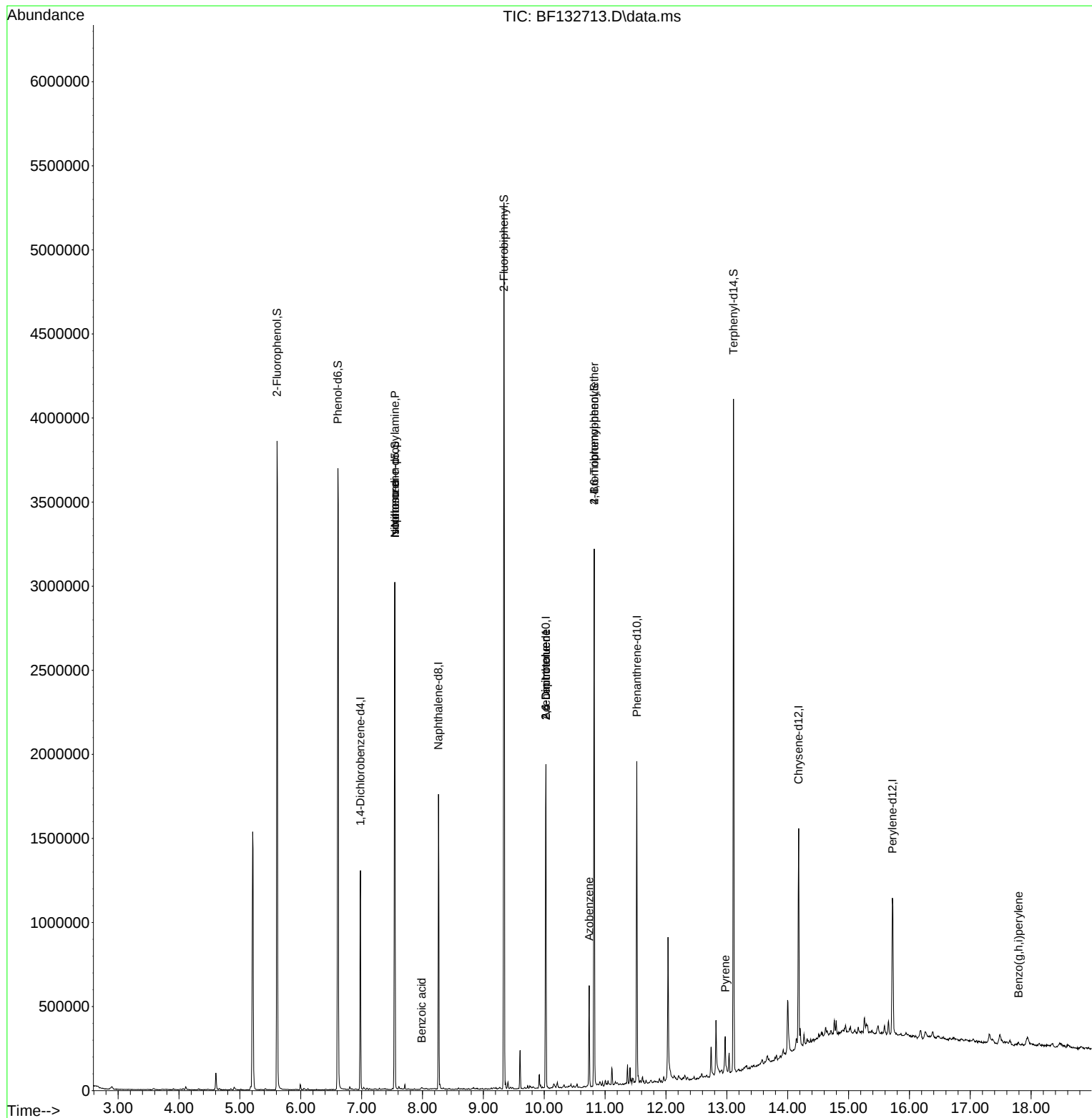
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	187864	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	705585	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	383715	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	668150	20.000	ng	0.00
76) Chrysene-d12	14.180	240	414032	20.000	ng	0.00
86) Perylene-d12	15.721	264	414732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1120983	96.843	ng	0.00
7) Phenol-d6	6.610	99	1418995	93.931	ng	-0.01
23) Nitrobenzene-d5	7.545	82	918673	61.773	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	362613	87.504	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1500724	59.552	ng	0.00
79) Terphenyl-d14	13.110	244	1405793	57.407	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	121934	13.115	ng	# 76
25) Isophorone	7.545	82	918661	32.219	ng	# 67
32) Benzoic acid	7.986	122	2403	4.089	ng	92
51) 2,6-Dinitrotoluene	10.027	165	49639	7.801	ng	# 23
57) 2,4-Dinitrotoluene	10.027	165	49639	5.864	ng	# 21
63) Azobenzene	10.739	77	96544	3.341	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	23258	3.077	ng	# 1
78) Pyrene	12.974	202	90602	2.407	ng	97
92) Benzo(g,h,i)perylene	17.792	276	14302	2.167	ng	# 82

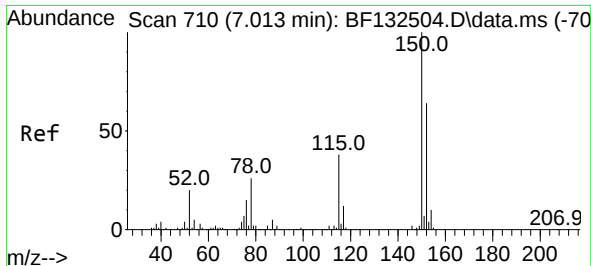
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
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Misc :
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BNA_F
ClientSampleId :

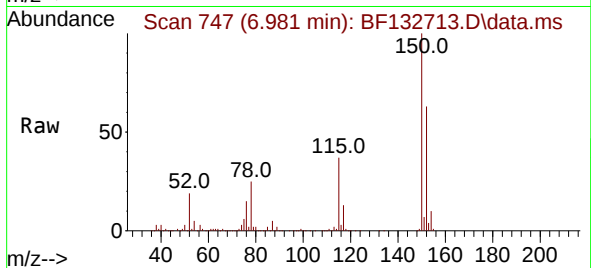
Quant Time: Mar 09 13:59:33 2023
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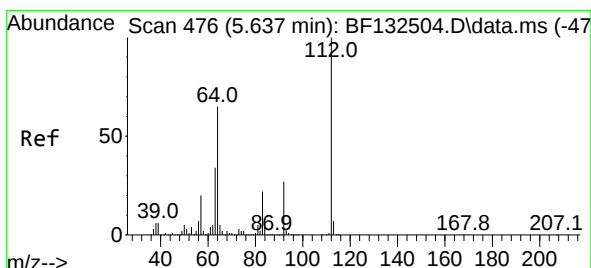
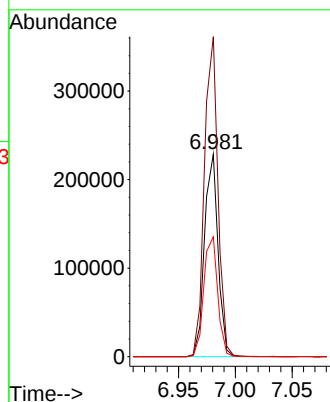
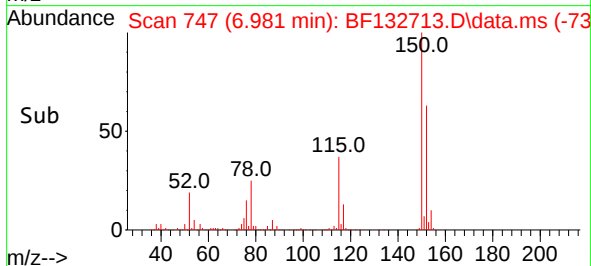


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

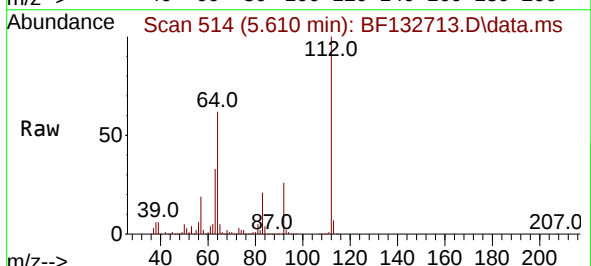
Instrument :
BNA_F
ClientSampleId :



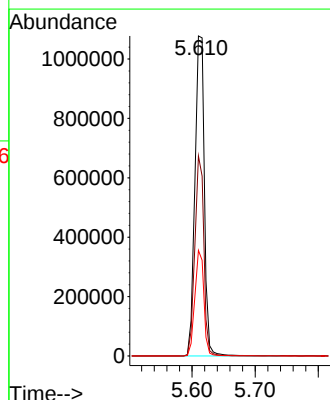
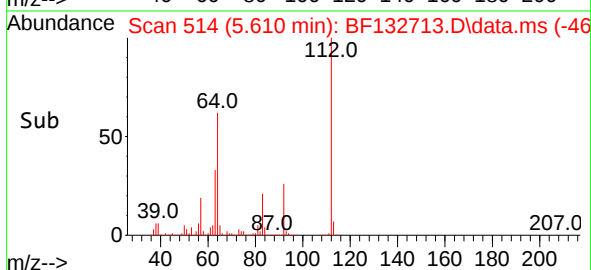
Tgt Ion:152 Resp: 187864
Ion Ratio Lower Upper
152 100
150 158.1 125.4 188.2
115 59.2 47.8 71.6

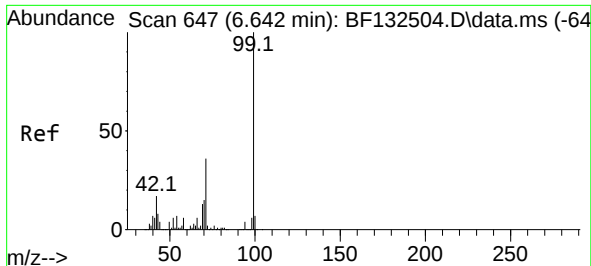


#5
2-Fluorophenol
Concen: 96.843 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24



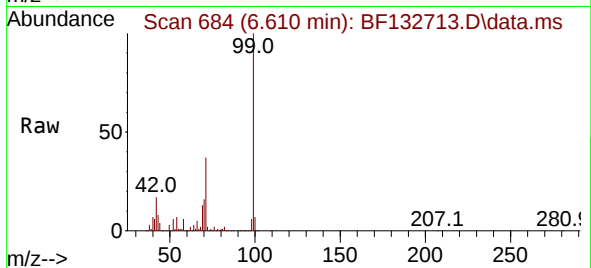
Tgt Ion:112 Resp: 1120983
Ion Ratio Lower Upper
112 100
64 62.5 51.6 77.4
63 33.0 27.4 41.2





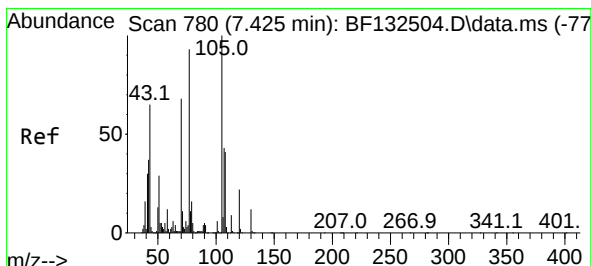
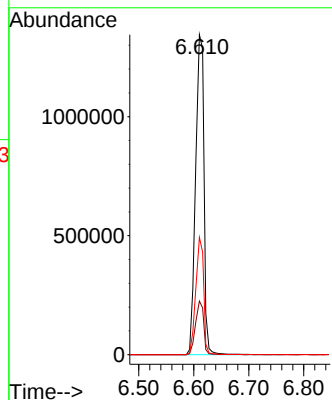
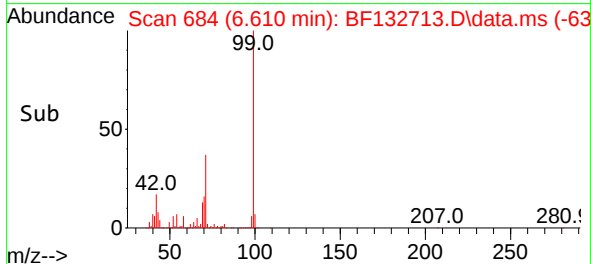
#7
Phenol-d6
Concen: 93.931 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Instrument :
BNA_F
ClientSampleId :

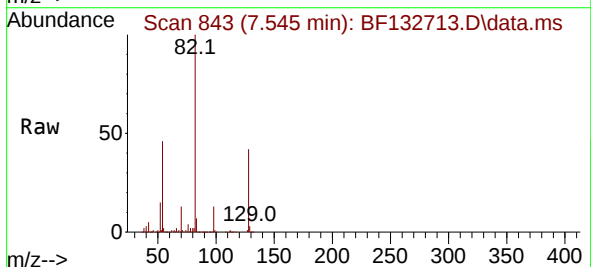


Tgt Ion: 99 Resp: 1418995

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.9	20.9
71	36.7	28.5	42.7

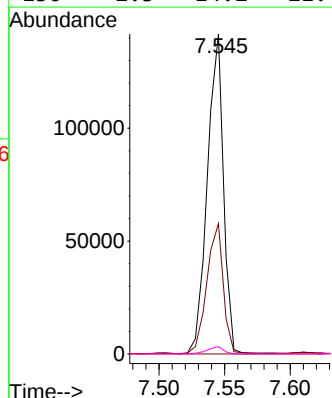
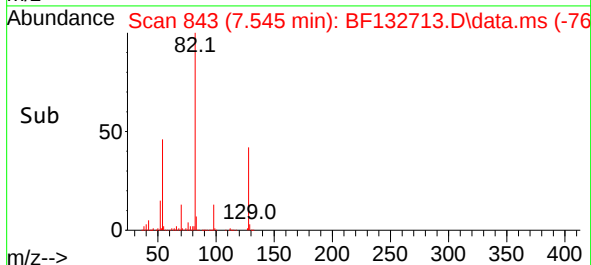


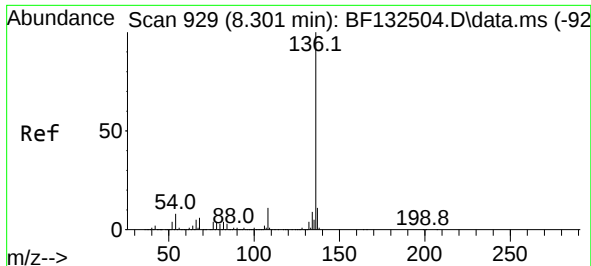
#19
n-Nitroso-di-n-propylamine
Concen: 13.115 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24



Tgt Ion: 70 Resp: 121934

Ion	Ratio	Lower	Upper
70	100		
42	40.8	44.1	66.1#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

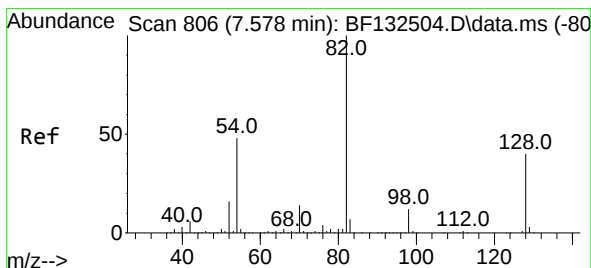
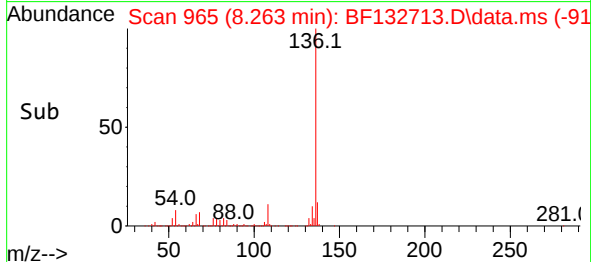
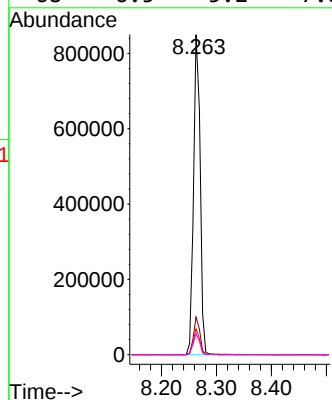
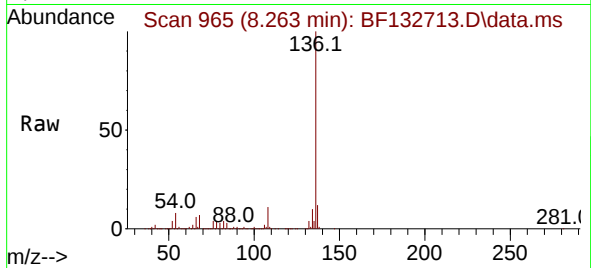




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

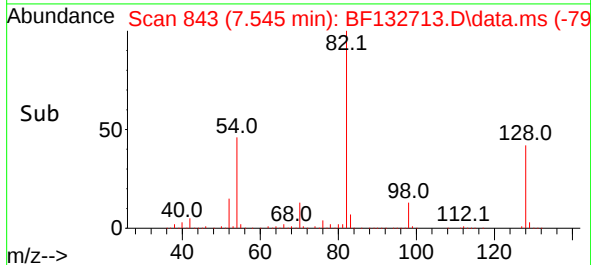
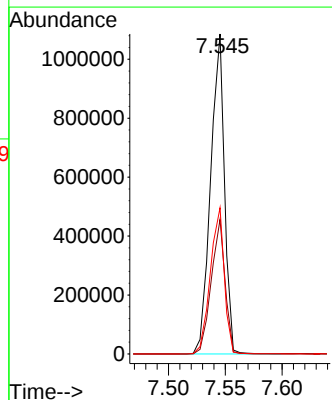
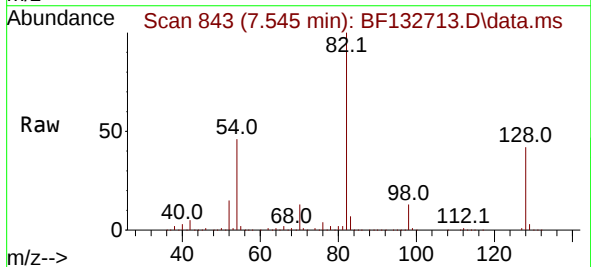
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 705585
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 8.1 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.773 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Tgt Ion: 82 Resp: 918673
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 45.7 38.4 57.6

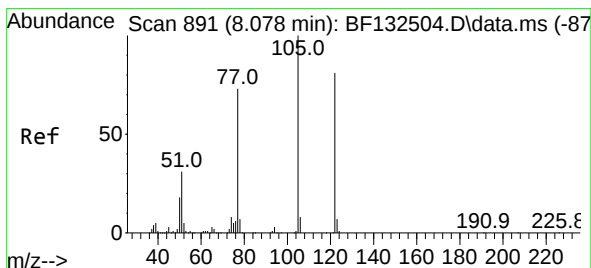
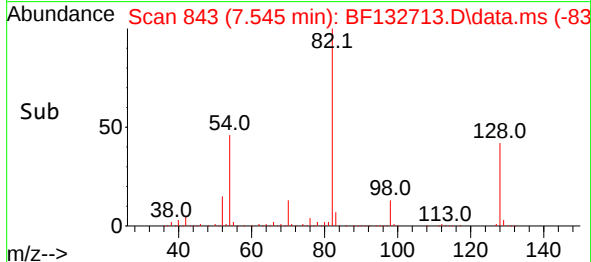
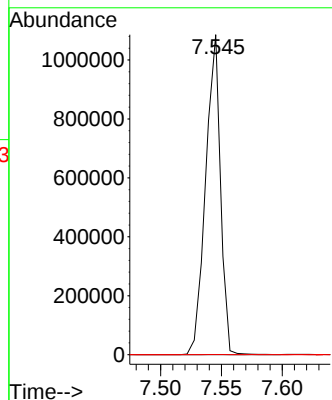
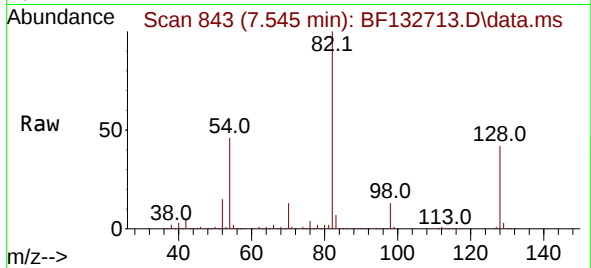




#25
Isophorone
Concen: 32.219 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

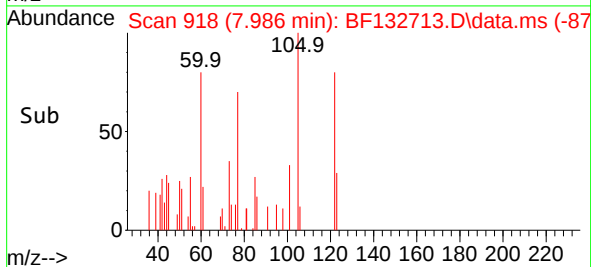
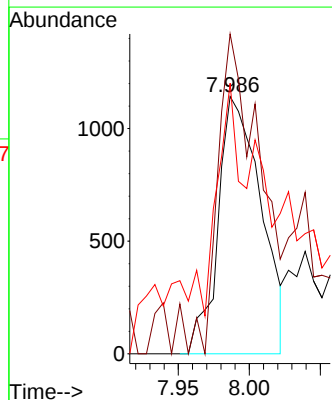
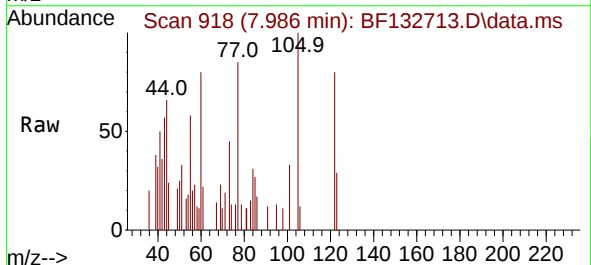
Instrument :
BNA_F
ClientSampleId :

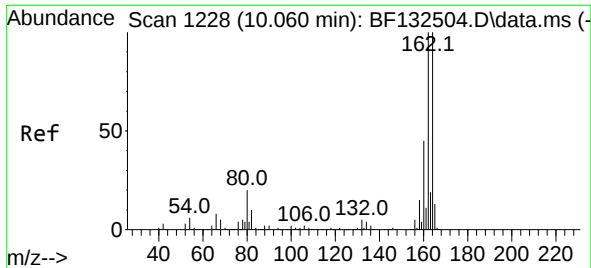
Tgt Ion: 82 Resp: 918661
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.089 ng
RT: 7.986 min Scan# 918
Delta R.T. -0.065 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Tgt Ion:122 Resp: 2403
Ion Ratio Lower Upper
122 100
105 124.3 102.6 142.6
77 105.2 70.2 110.2

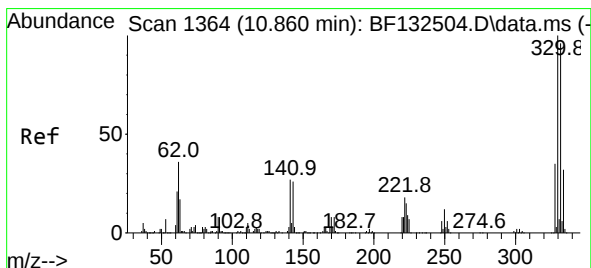
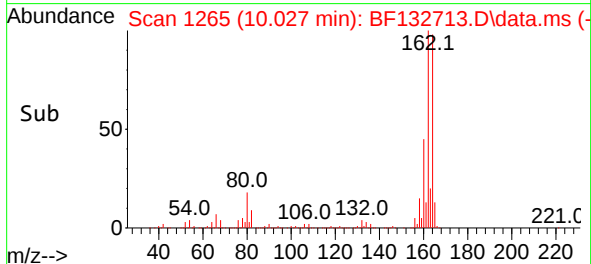
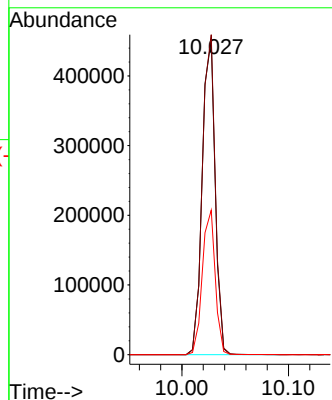
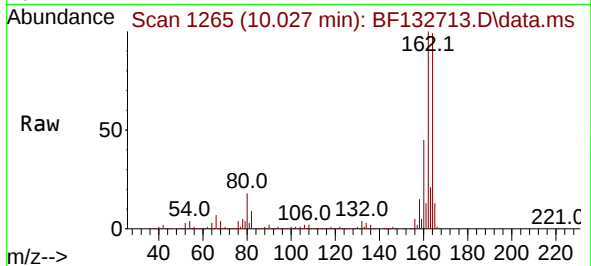




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

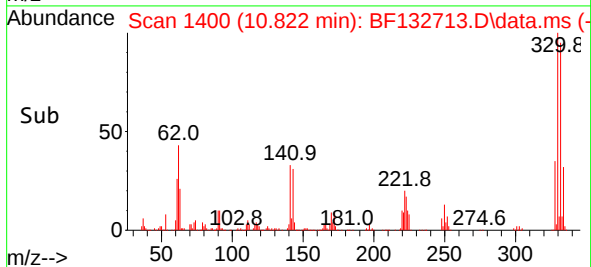
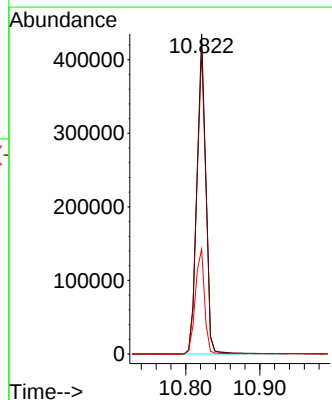
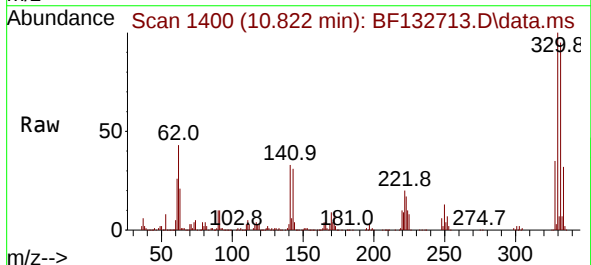
Instrument :
BNA_F
ClientSampleId :

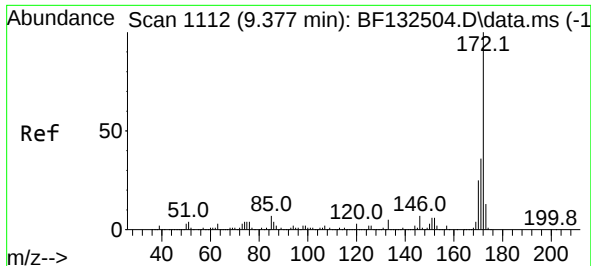
Tgt Ion:164 Resp: 383715
Ion Ratio Lower Upper
164 100
162 101.5 79.8 119.8
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 87.504 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

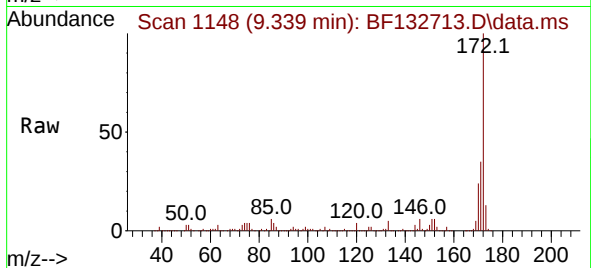
Tgt Ion:330 Resp: 362613
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 33.9 28.4 42.6



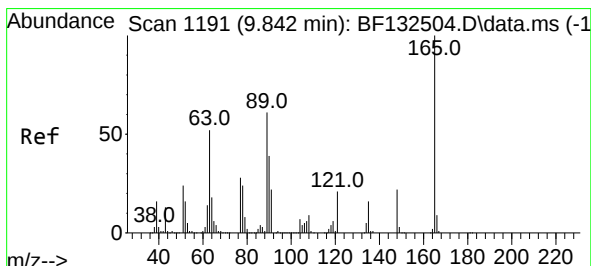
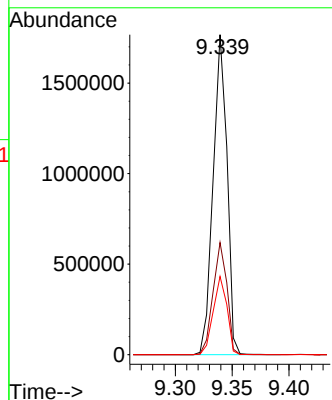
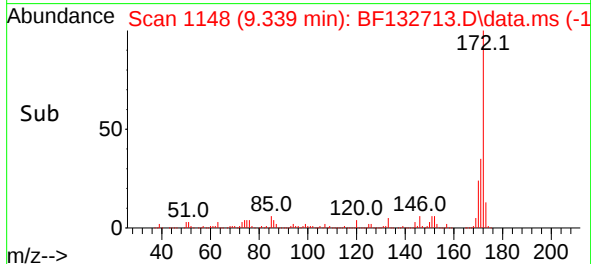


#45
2-Fluorobiphenyl
Concen: 59.552 ng
RT: 9.339 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

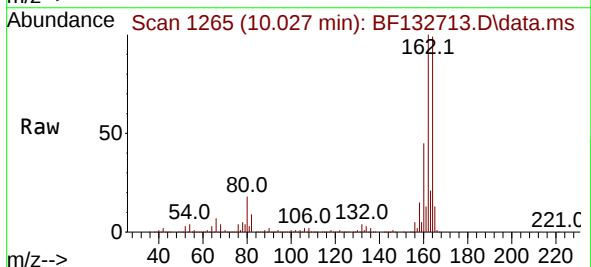
Instrument :
BNA_F
ClientSampleId :



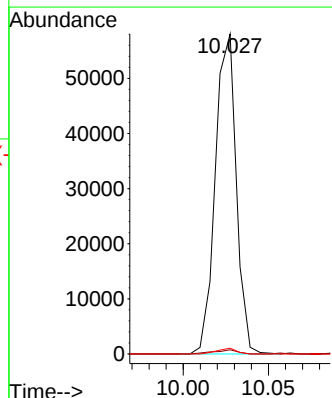
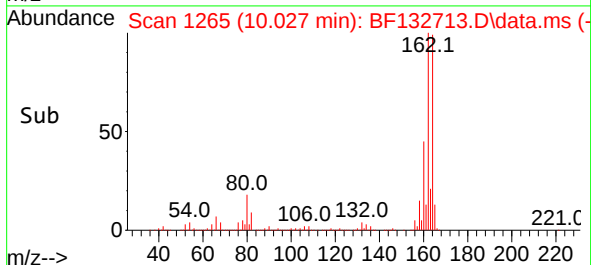
Tgt Ion:172 Resp: 1500724
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 24.5 19.7 29.5

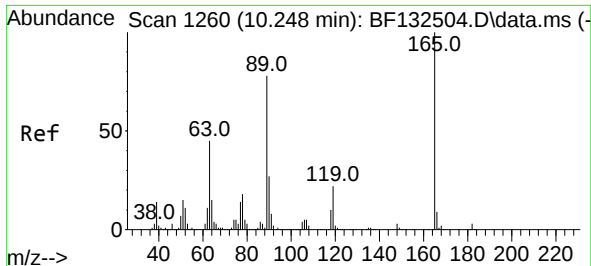


#51
2,6-Dinitrotoluene
Concen: 7.801 ng
RT: 10.027 min Scan# 1265
Delta R.T. 0.212 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24



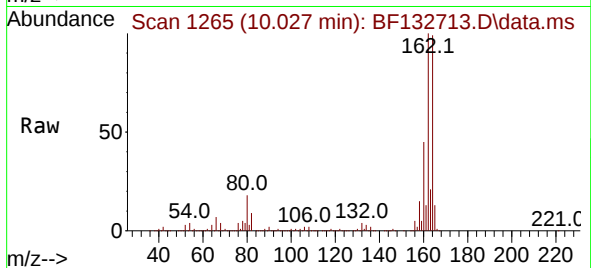
Tgt Ion:165 Resp: 49639
Ion Ratio Lower Upper
165 100
63 1.3 47.3 70.9#
89 1.8 48.9 73.3#



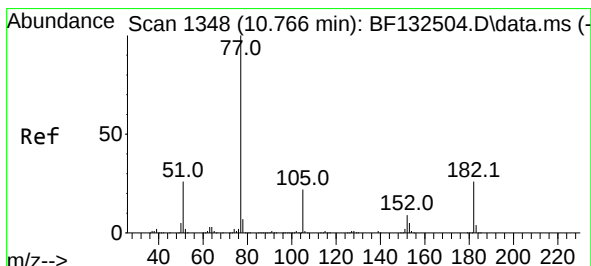
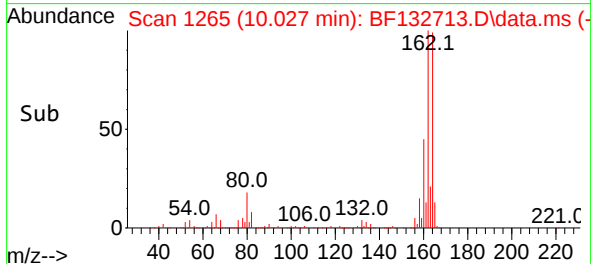
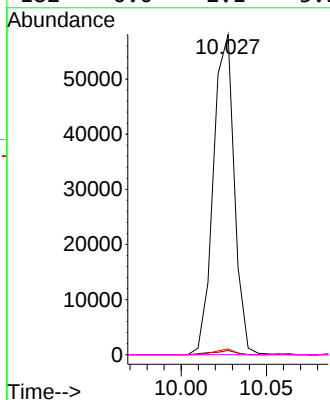


#57
2,4-Dinitrotoluene
Concen: 5.864 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Instrument :
BNA_F
ClientSampleId :

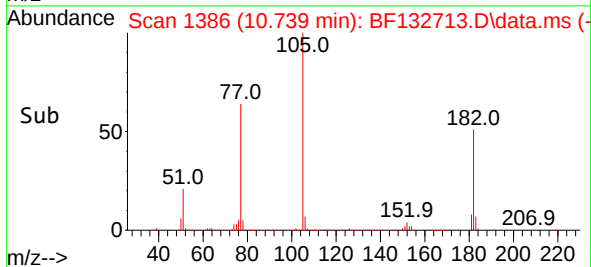
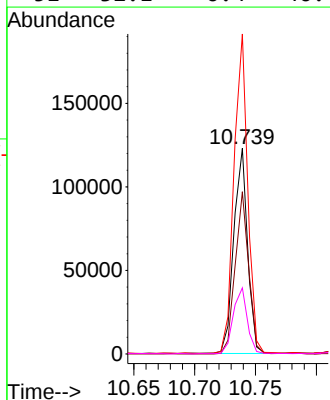
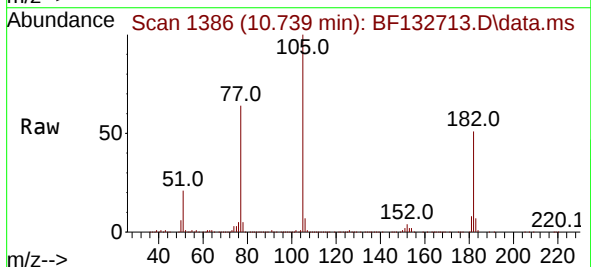


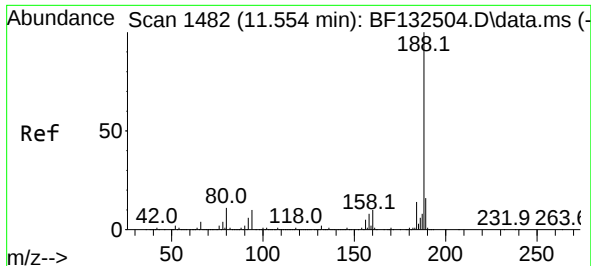
Tgt Ion:165 Resp: 49639
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.8 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.341 ng
RT: 10.739 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Tgt Ion: 77 Resp: 96544
Ion Ratio Lower Upper
77 100
182 79.0 5.5 45.5#
105 155.7 1.8 41.8#
51 32.1 6.4 46.4

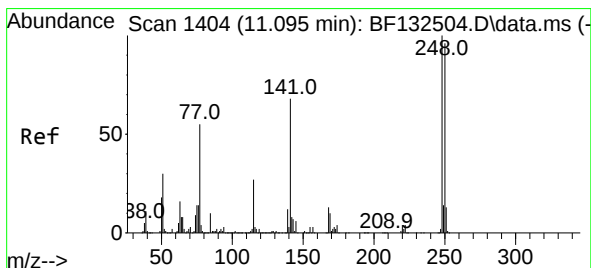
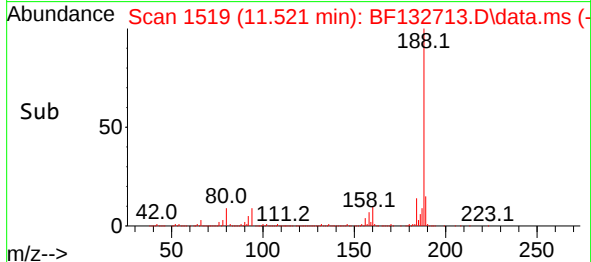
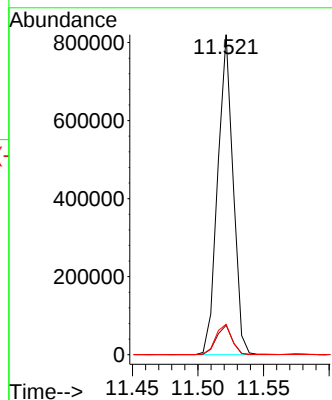
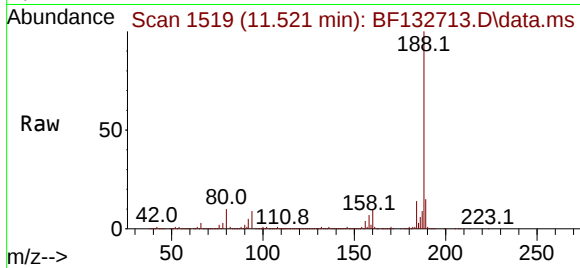




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 11521
Delta R.T. -0.006 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

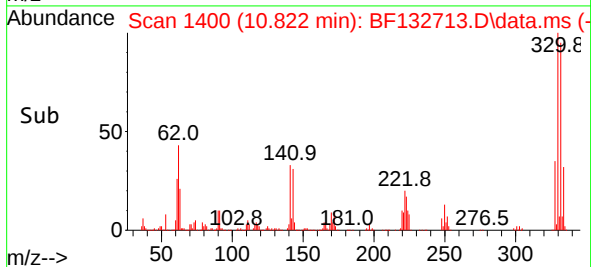
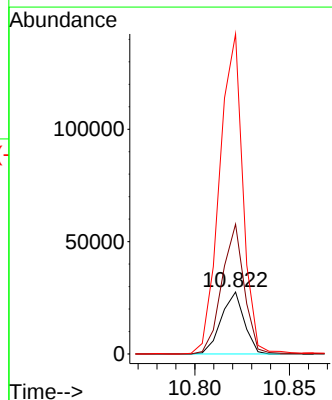
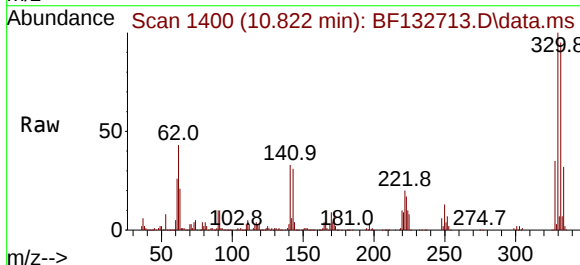
Instrument :
BNA_F
ClientSampleId :

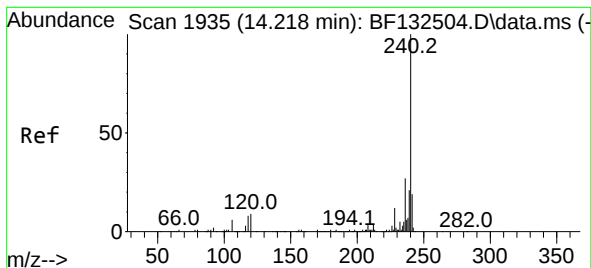
Tgt Ion:188 Resp: 668150
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.5 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.077 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.241 min
Lab File: BF132713.D
Acq: 09 Mar 2023 12:24

Tgt Ion:248 Resp: 23258
Ion Ratio Lower Upper
248 100
250 209.9 77.0 115.4#
141 517.3 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Instrument :

BNA_F

ClientSampleId :

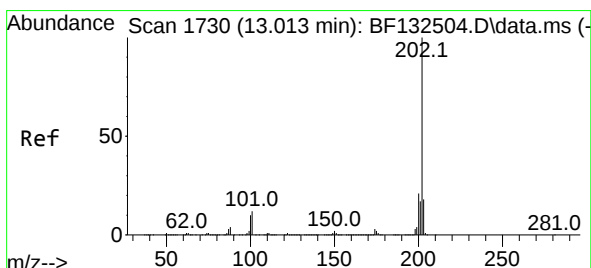
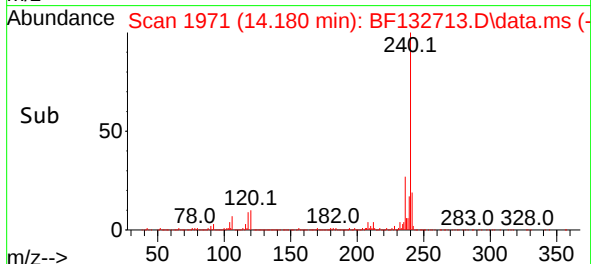
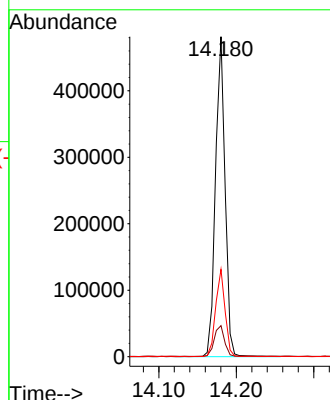
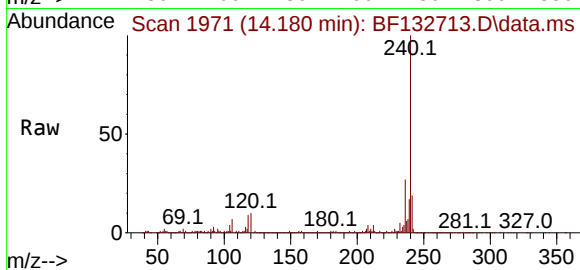
Tgt Ion:240 Resp: 414032

Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 27.3 21.8 32.6



#78

Pyrene

Concen: 2.407 ng

RT: 12.974 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

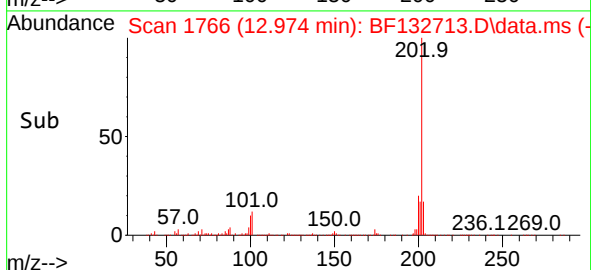
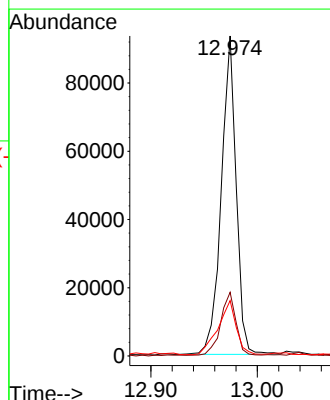
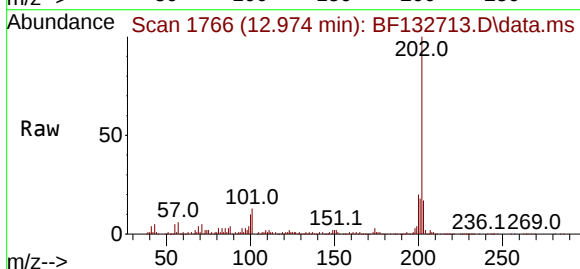
Tgt Ion:202 Resp: 90602

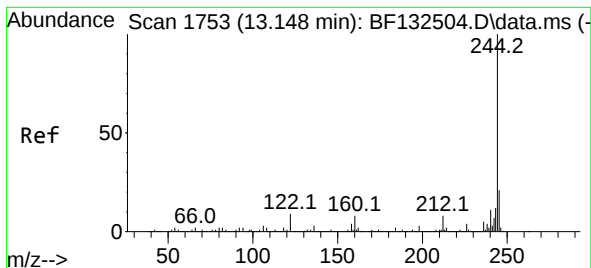
Ion Ratio Lower Upper

202 100

200 19.9 17.1 25.7

203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 57.407 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

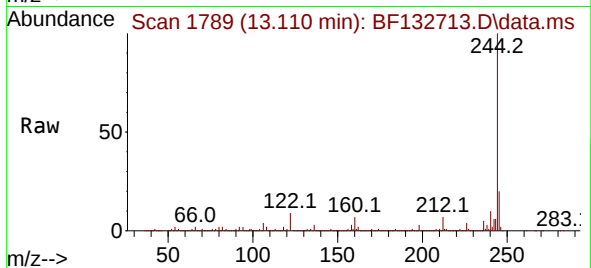
Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

Instrument :

BNA_F

ClientSampleId :



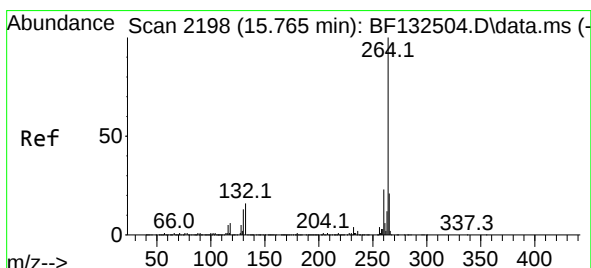
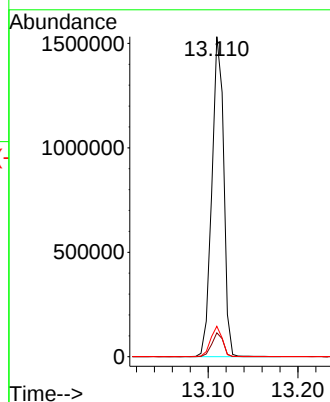
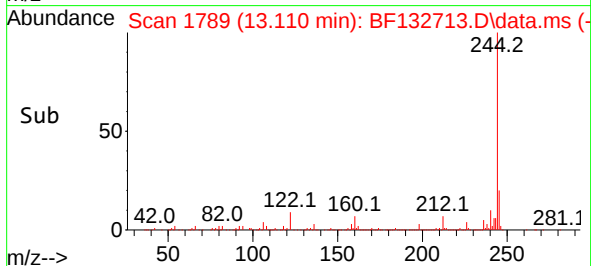
Tgt Ion:244 Resp: 1405793

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 9.5 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF132713.D

Acq: 09 Mar 2023 12:24

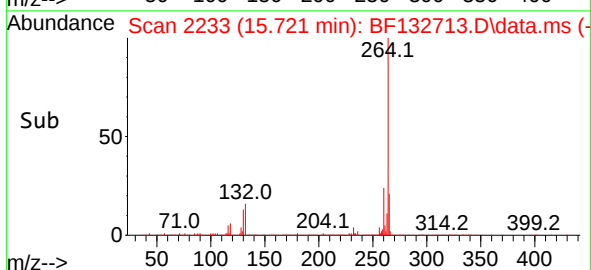
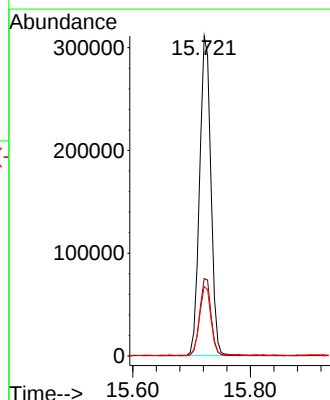
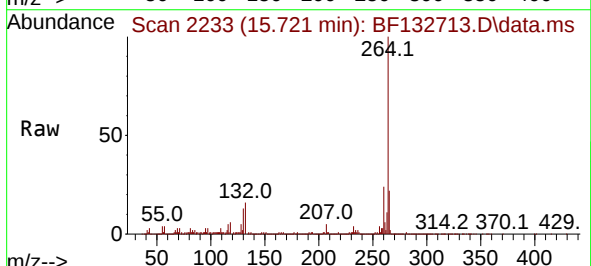
Tgt Ion:264 Resp: 414732

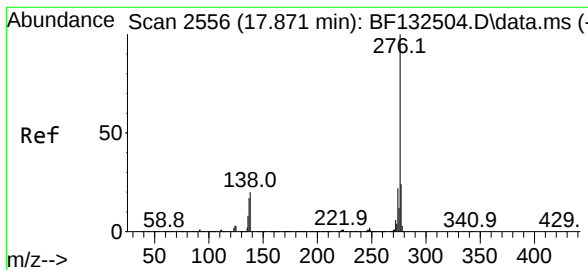
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

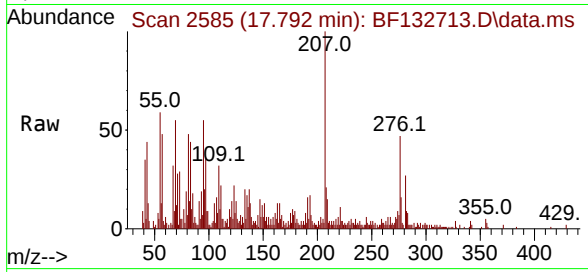
265 21.6 17.1 25.7





#92
 Benzo(g,h,i)perylene
 Concen: 2.167 ng
 RT: 17.792 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF132713.D
 Acq: 09 Mar 2023 12:24

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	276	Resp:	14302
Ion Ratio	Lower	Upper	
276	100		
277	32.9	18.9	28.3#
138	28.1	16.2	24.4#

