

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132304.D
 Acq On : 02 Feb 2023 21:48
 Operator : CG\JU
 Sample : 01392-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200033

Quant Time: Feb 03 00:26:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

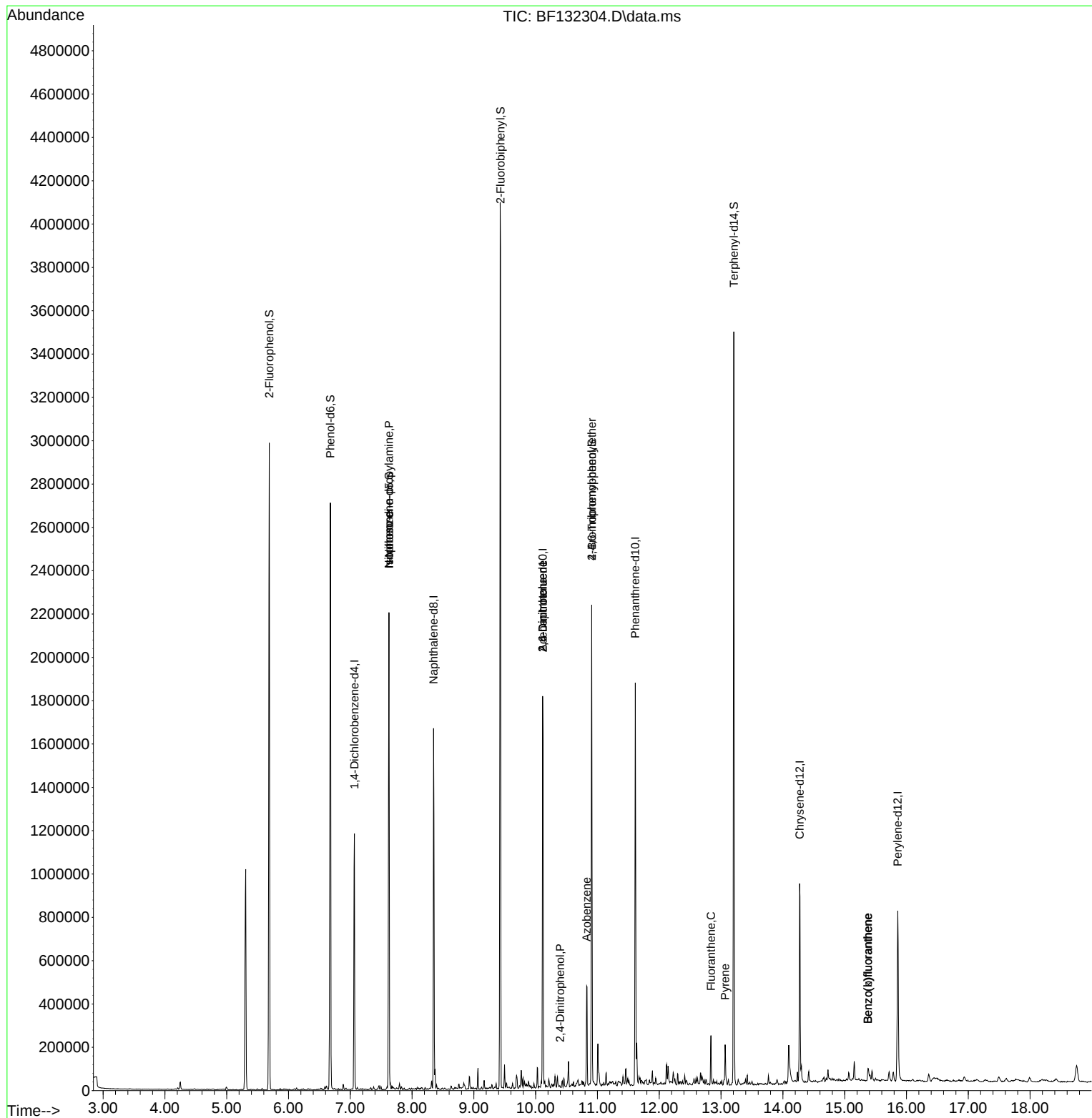
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	184608	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	709352	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	366543	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	636193	20.000	ng	-0.01
76) Chrysene-d12	14.271	240	304129	20.000	ng	#-0.02
86) Perylene-d12	15.860	264	360615	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	951651	82.861	ng	0.00
7) Phenol-d6	6.678	99	1165946	82.345	ng	0.00
23) Nitrobenzene-d5	7.625	82	696891	54.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	259553	68.858	ng	-0.01
45) 2-Fluorobiphenyl	9.431	172	1310521	55.212	ng	0.00
79) Terphenyl-d14	13.207	244	1161055	73.849	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.625	70	85775	10.665	ng	# 75
25) Isophorone	7.625	82	696875	28.803	ng	# 64
51) 2,6-Dinitrotoluene	10.113	165	49757	8.689	ng	# 24
54) 2,4-Dinitrophenol	10.395	184	395	4.440	ng	# 19
57) 2,4-Dinitrotoluene	10.113	165	49757	6.689	ng	# 23
63) Azobenzene	10.825	77	78069	3.142	ng	# 1
67) 4-Bromophenyl-phenylether	10.907	248	15102	2.318	ng	# 1
75) Fluoranthene	12.836	202	74419	2.194	ng	99
78) Pyrene	13.066	202	63552	2.598	ng	97
88) Benzo(b)fluoranthene	15.377	252	46253	2.018	ng	96
89) Benzo(k)fluoranthene	15.377	252	46253	2.114	ng	# 96

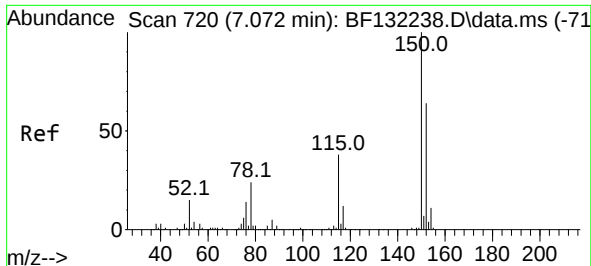
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

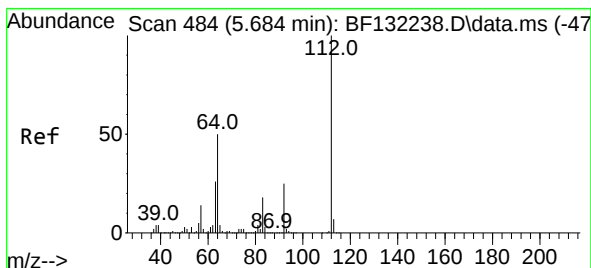
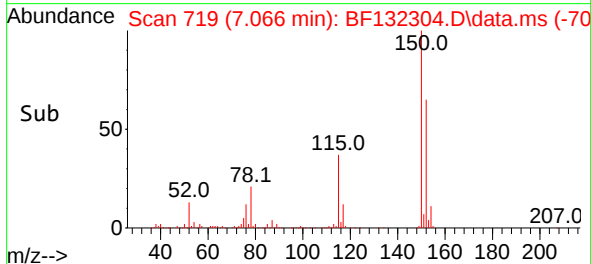
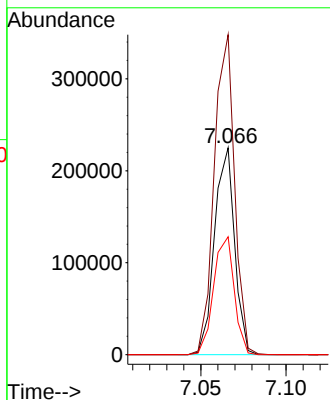
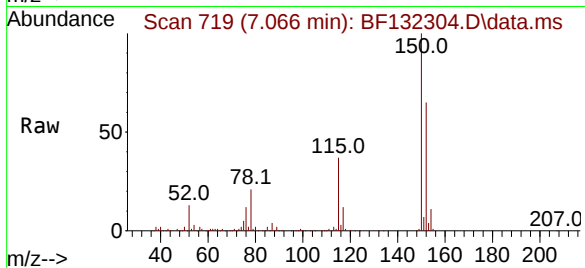




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132304.D
 Acq: 02 Feb 2023 21:48

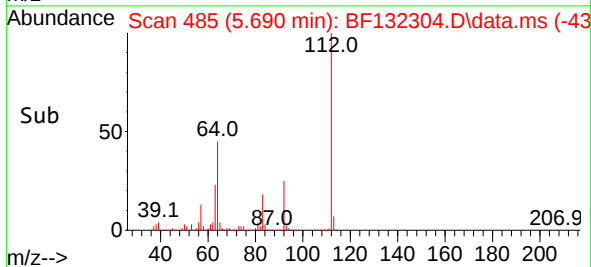
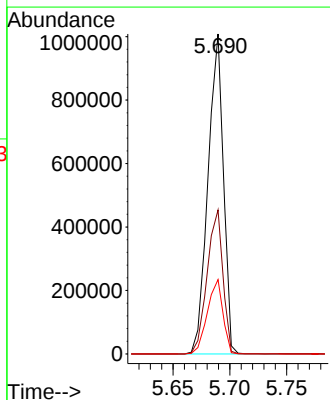
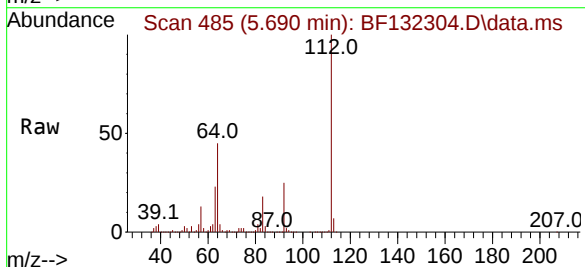
Instrument :
 BNA_F
 ClientSampleId :
 RBR200033

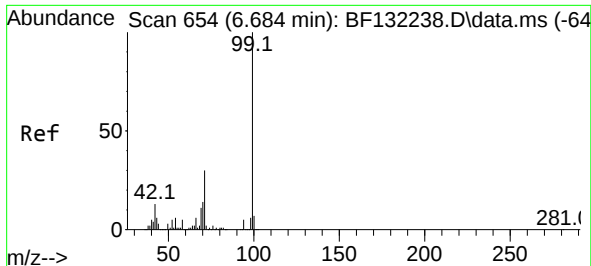
Tgt Ion:152 Resp: 184608
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 57.0 47.3 70.9



#5
 2-Fluorophenol
 Concen: 82.861 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132304.D
 Acq: 02 Feb 2023 21:48

Tgt Ion:112 Resp: 951651
 Ion Ratio Lower Upper
 112 100
 64 45.0 40.0 60.0
 63 23.3 20.5 30.7

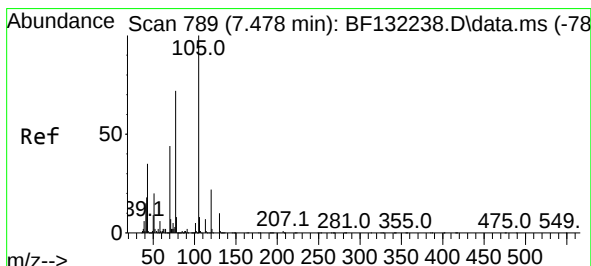
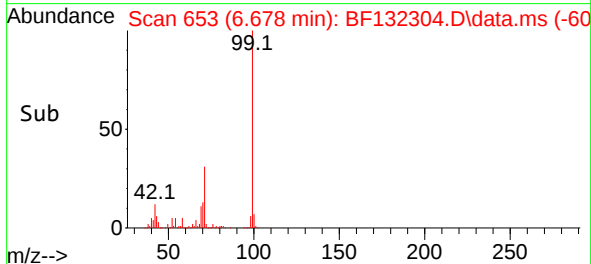
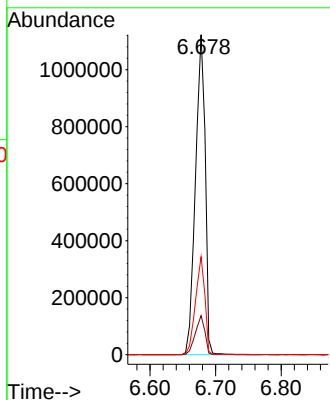
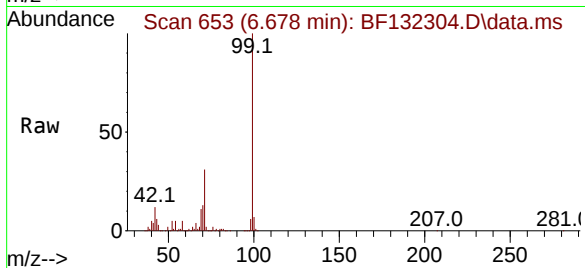




#7
Phenol-d6
Concen: 82.345 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

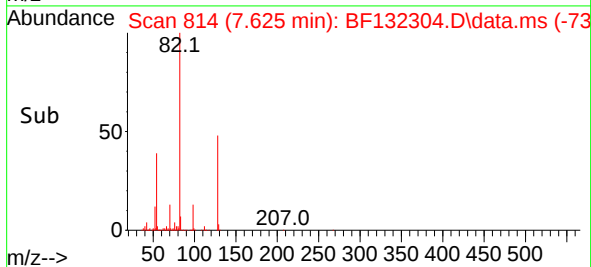
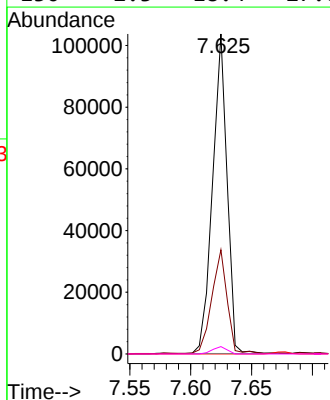
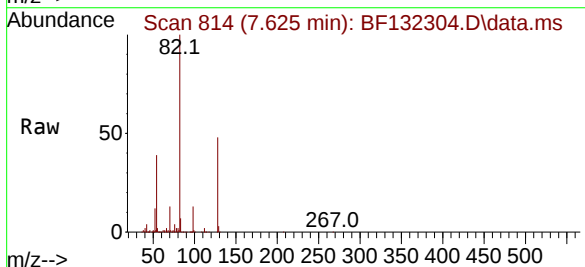
Instrument :
BNA_F
ClientSampleId :
RBR200033

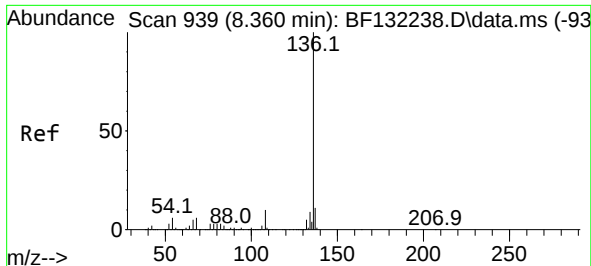
Tgt Ion: 99 Resp: 1165946
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 30.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.665 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.147 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion: 70 Resp: 85775
Ion Ratio Lower Upper
70 100
42 32.6 33.4 50.0#
101 0.0 8.2 12.4#
130 2.3 18.4 27.6#



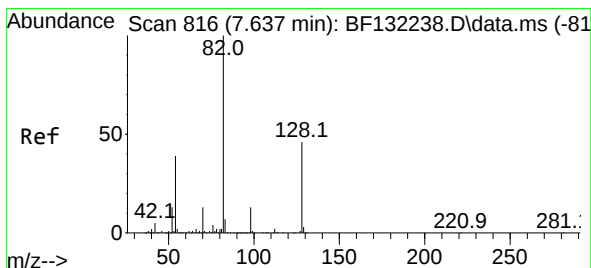
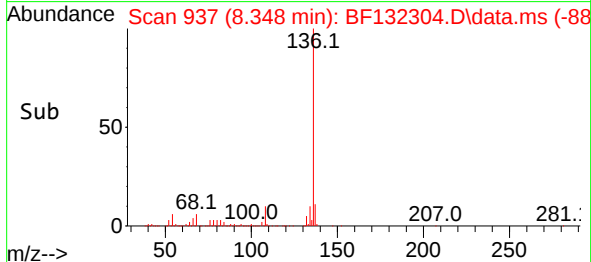
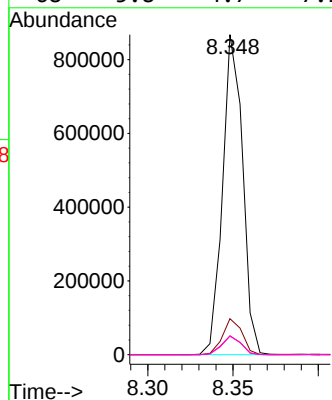
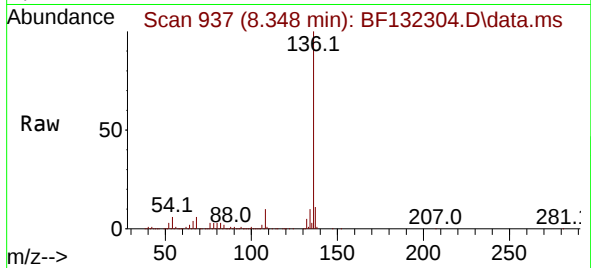


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Instrument :
BNA_F
ClientSampleId :
RBR200033

Tgt Ion:136 Resp: 709352

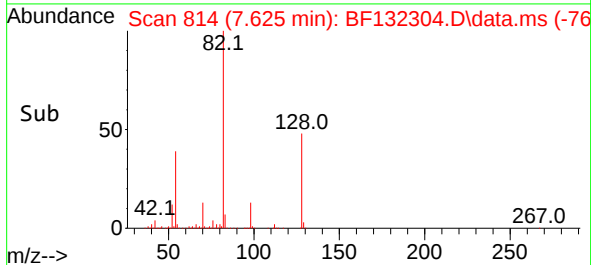
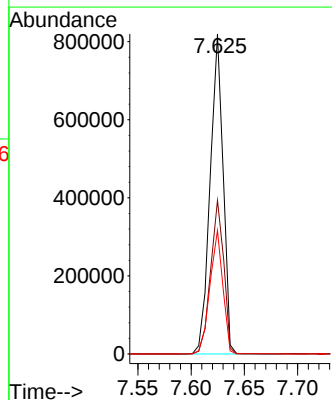
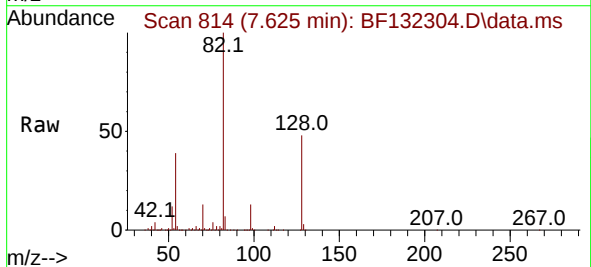
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.9	4.9	7.3
68	5.8	4.7	7.1

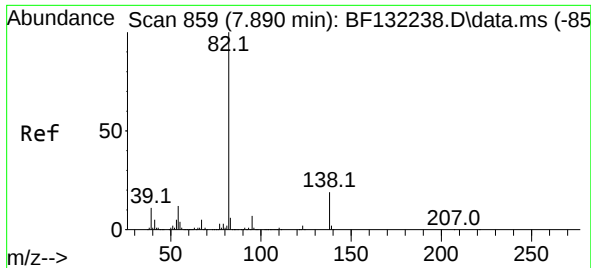


#23
Nitrobenzene-d5
Concen: 54.670 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion: 82 Resp: 696891

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.0	55.4
54	38.6	31.5	47.3

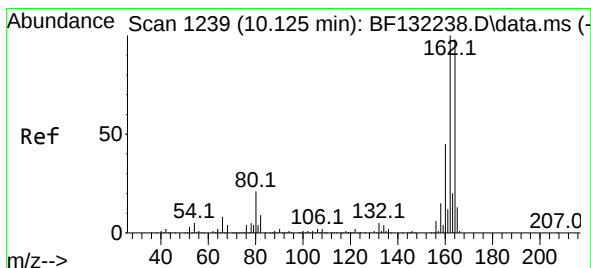
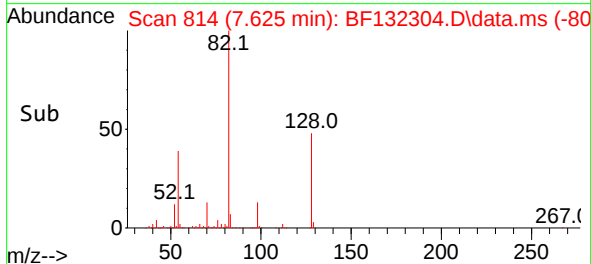
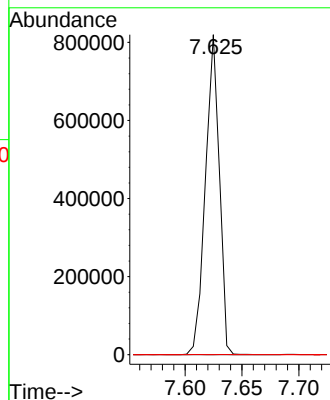
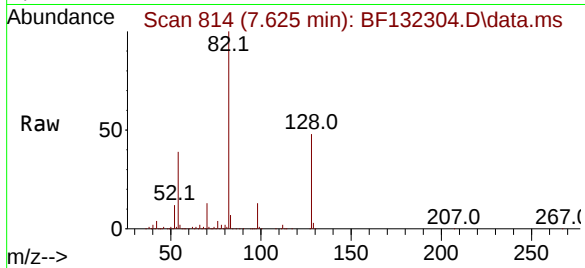




#25
Isophorone
Concen: 28.803 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

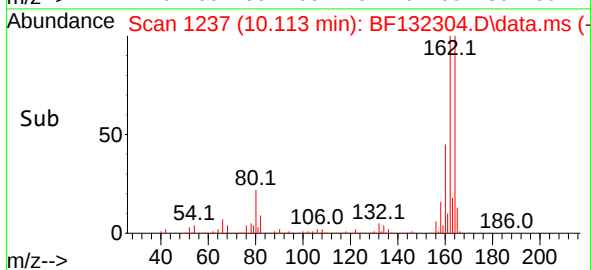
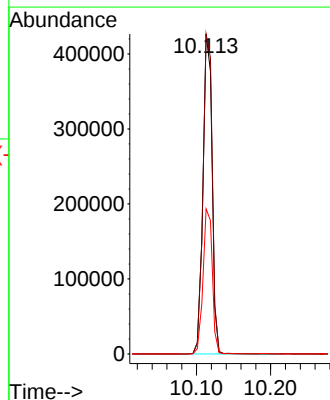
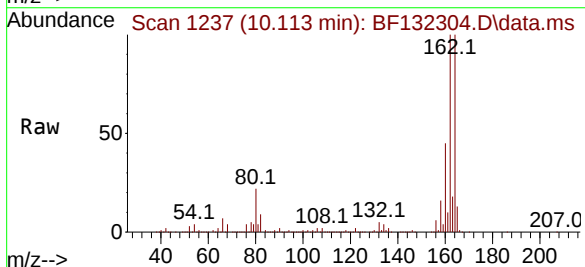
Instrument :
BNA_F
ClientSampleId :
RBR200033

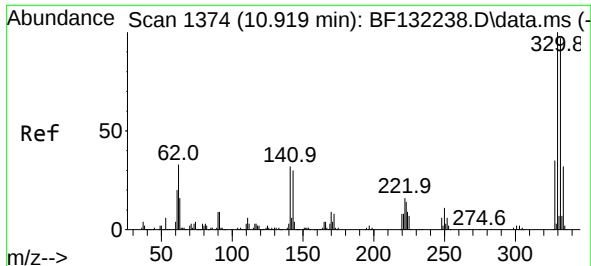
Tgt Ion: 82 Resp: 696875
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion: 164 Resp: 366543
Ion Ratio Lower Upper
164 100
162 100.0 82.0 123.0
160 45.3 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 68.858 ng

RT: 10.907 min Scan# 111

Delta R.T. -0.012 min

Lab File: BF132304.D

Acq: 02 Feb 2023 21:48

Instrument :

BNA_F

ClientSampleId :

RBR200033

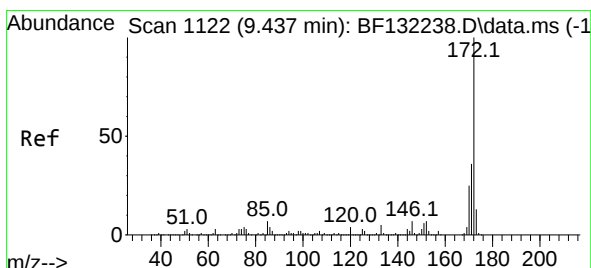
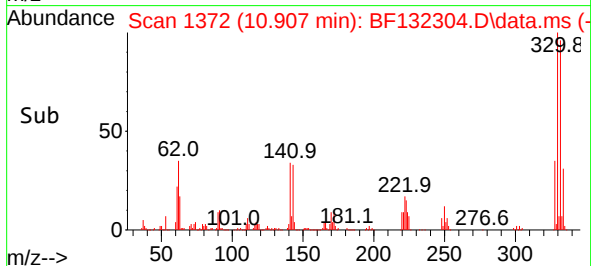
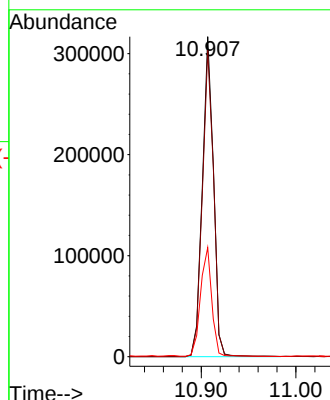
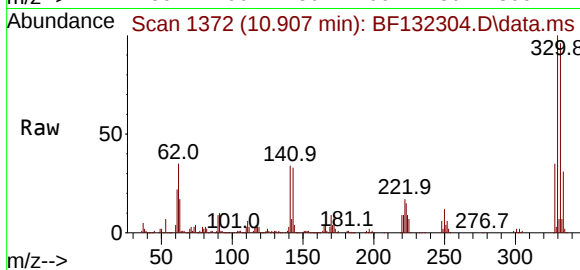
Tgt Ion:330 Resp: 259553

Ion Ratio Lower Upper

330 100

332 97.0 77.9 116.9

141 34.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 55.212 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132304.D

Acq: 02 Feb 2023 21:48

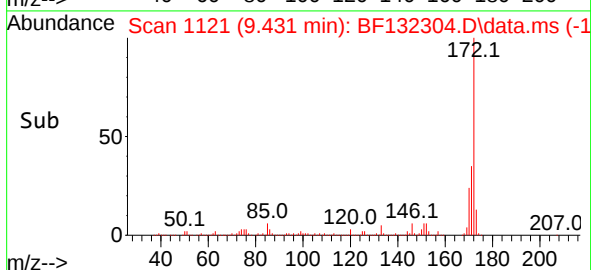
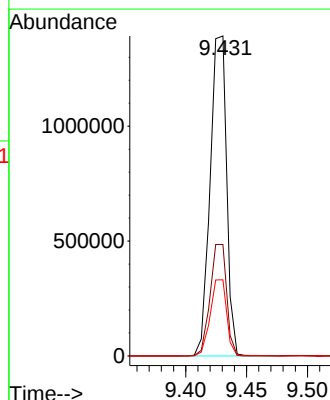
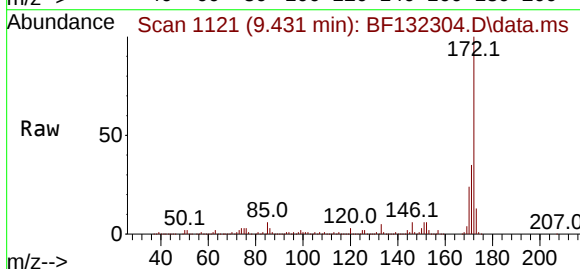
Tgt Ion:172 Resp: 1310521

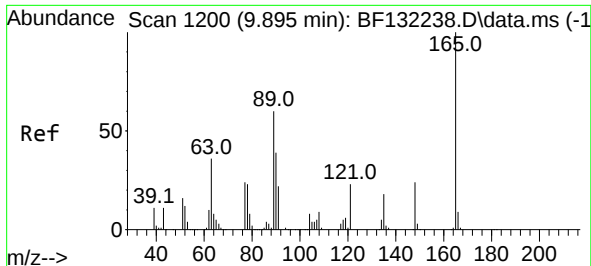
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.8 19.7 29.5

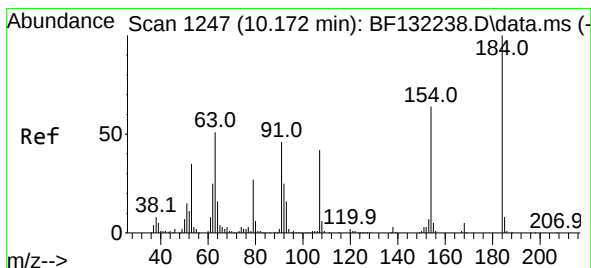
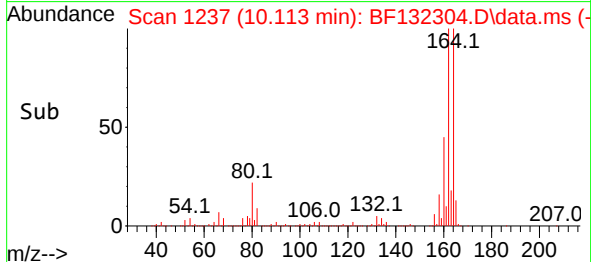
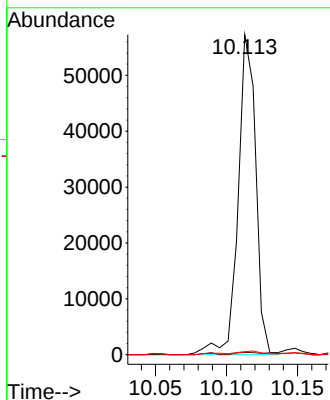
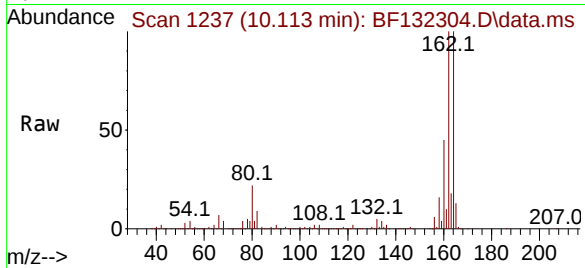




#51
2,6-Dinitrotoluene
Concen: 8.689 ng
RT: 10.113 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

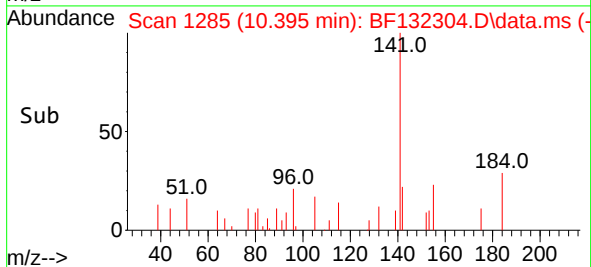
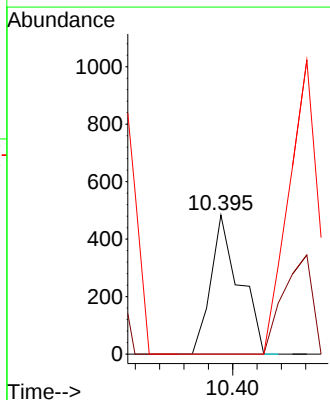
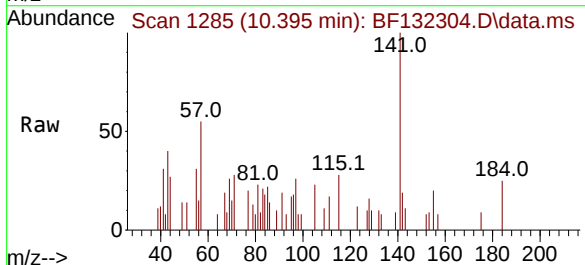
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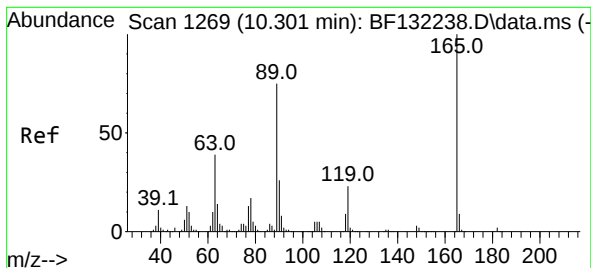
Tgt Ion:165 Resp: 49757
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 0.9 48.1 72.1#



#54
2,4-Dinitrophenol
Concen: 4.440 ng
RT: 10.395 min Scan# 1285
Delta R.T. 0.223 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:184 Resp: 395
Ion Ratio Lower Upper
184 100
63 0.0 41.6 62.4#
154 0.0 57.0 85.6#

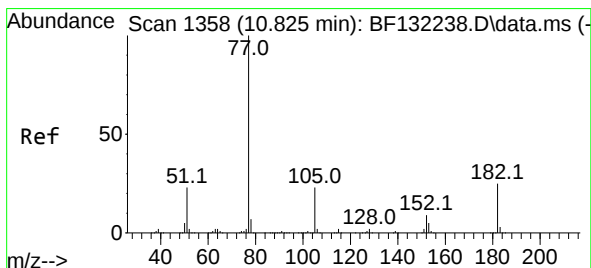
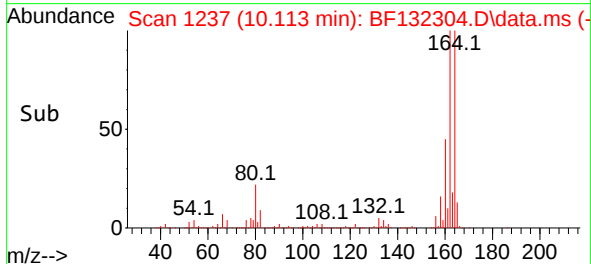
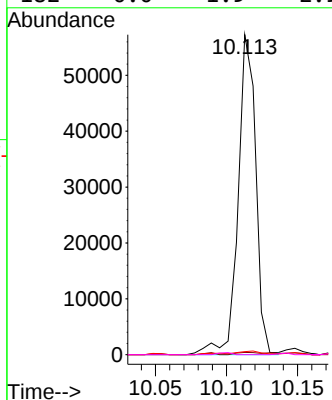
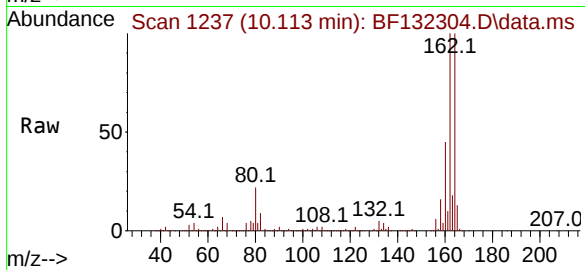




#57
2,4-Dinitrotoluene
Concen: 6.689 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

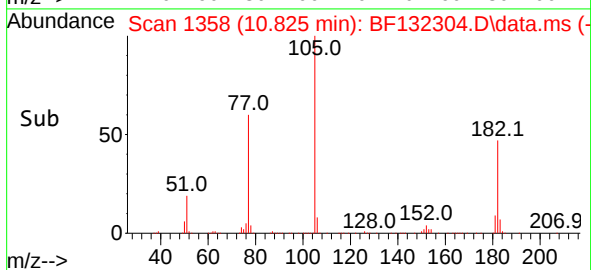
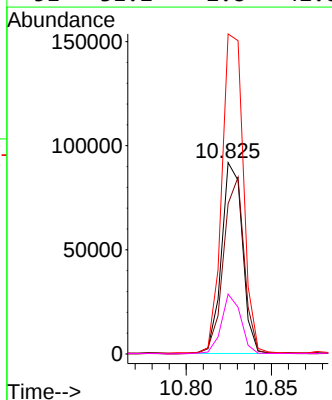
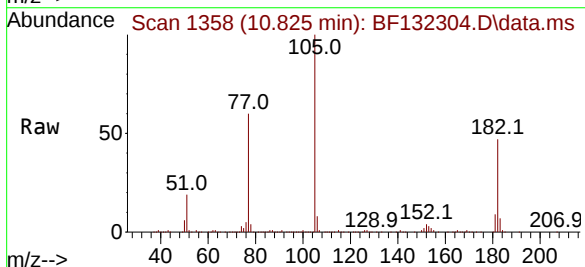
Instrument :
BNA_F
ClientSampleId :
RBR200033

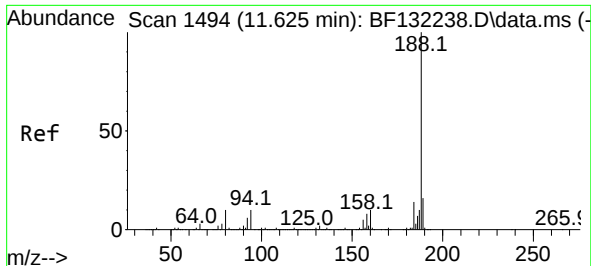
Tgt Ion:165 Resp: 49757
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 0.9 60.1 90.1#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 3.142 ng
RT: 10.825 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion: 77 Resp: 78069
Ion Ratio Lower Upper
77 100
182 78.5 4.5 44.5#
105 167.2 2.7 42.7#
51 31.2 2.8 42.8

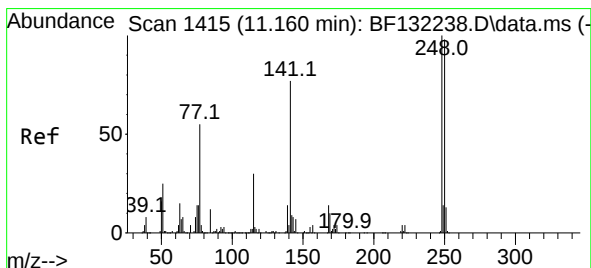
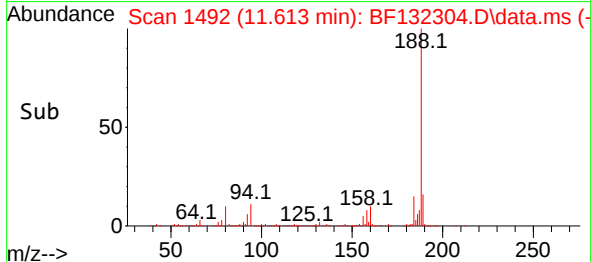
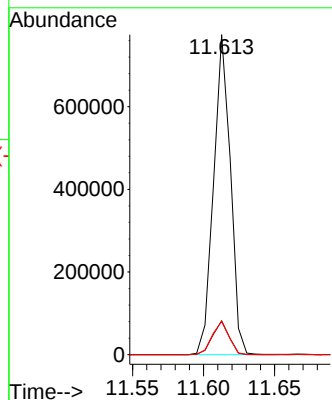
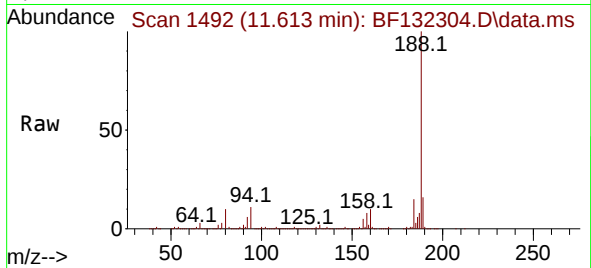




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

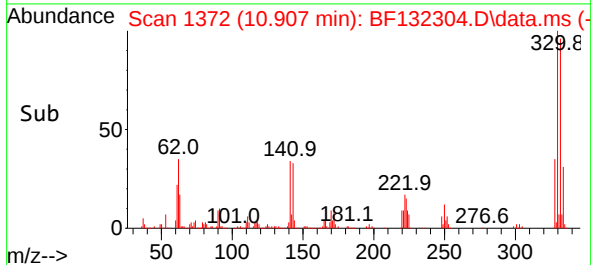
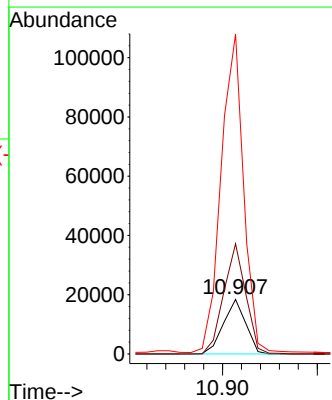
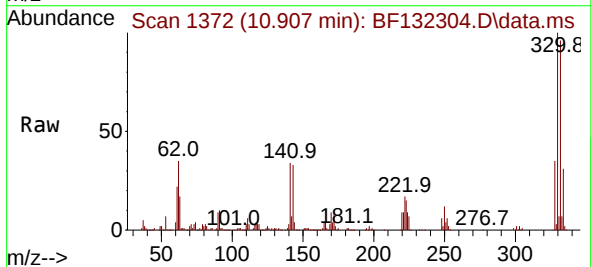
Instrument :
BNA_F
ClientSampleId :
RBR200033

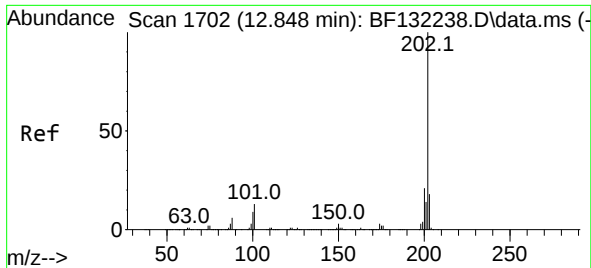
Tgt Ion:188 Resp: 636193
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 10.4 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 2.318 ng
RT: 10.907 min Scan# 1372
Delta R.T. -0.253 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:248 Resp: 15102
Ion Ratio Lower Upper
248 100
250 201.7 78.6 117.8#
141 586.0 61.6 92.4#

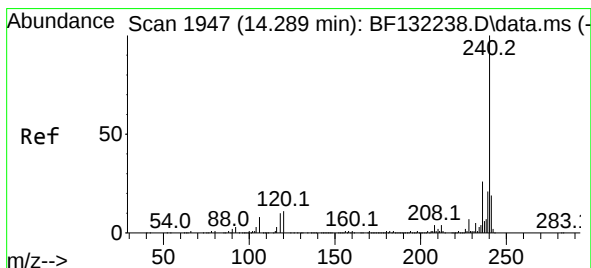
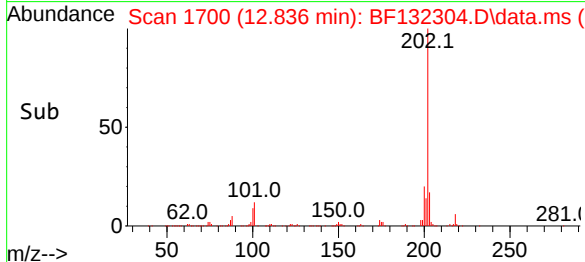
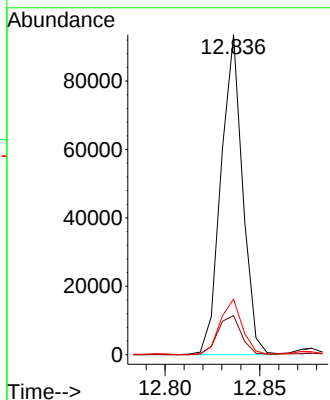
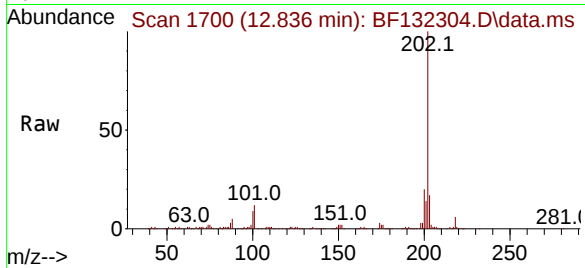




#75
Fluoranthene
Concen: 2.194 ng
RT: 12.836 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

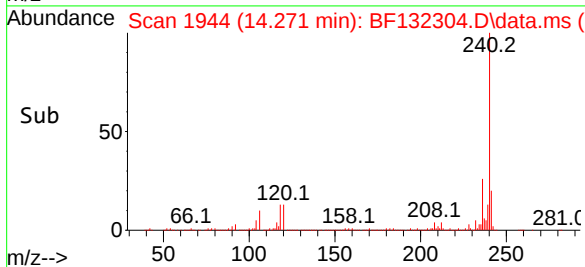
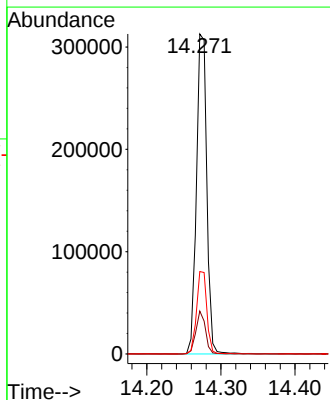
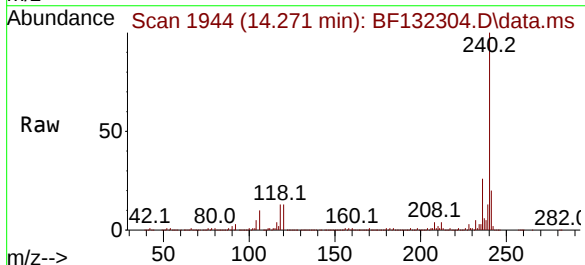
Instrument :
BNA_F
ClientSampleId :
RBR200033

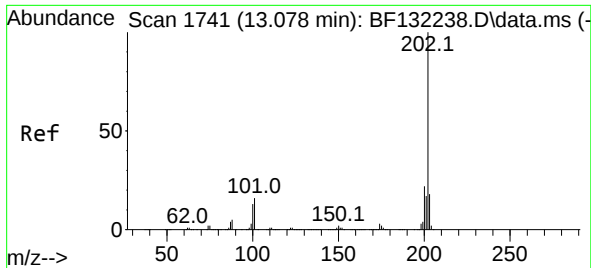
Tgt Ion:202 Resp: 74419
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.7
203 17.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.018 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:240 Resp: 304129
Ion Ratio Lower Upper
240 100
120 13.4 8.8 13.2#
236 25.7 21.0 31.6

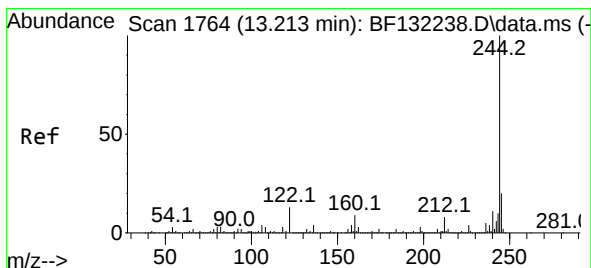
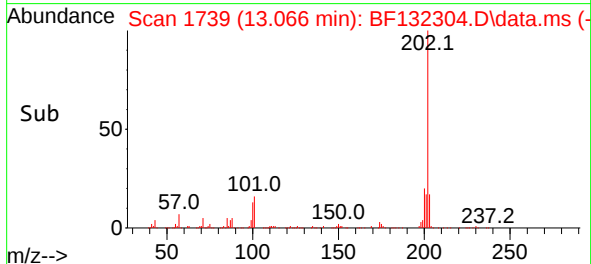
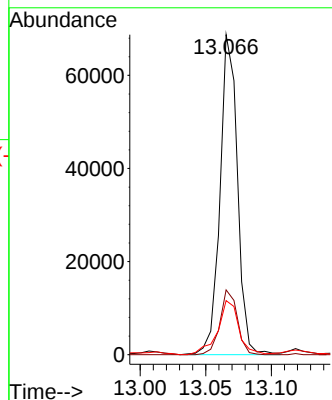
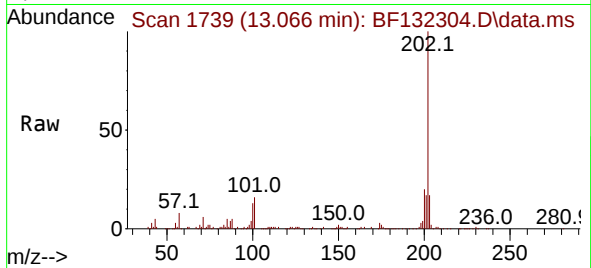




#78
Pyrene
Concen: 2.598 ng
RT: 13.066 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

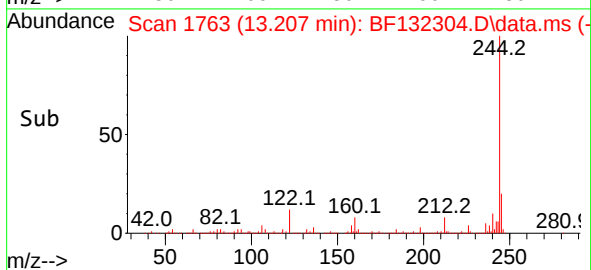
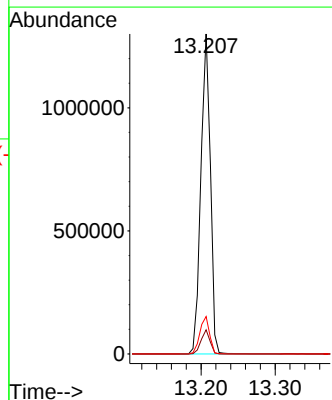
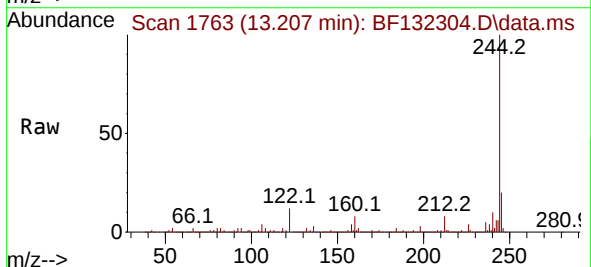
Instrument :
BNA_F
ClientSampleId :
RBR200033

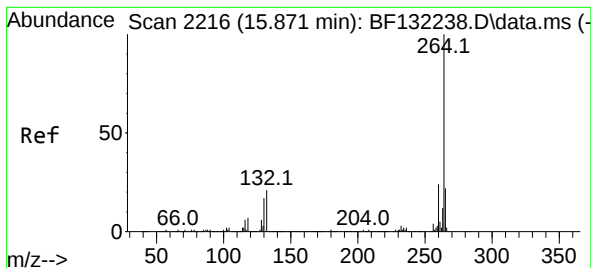
Tgt Ion:202 Resp: 63552
Ion Ratio Lower Upper
202 100
200 20.2 17.3 25.9
203 16.9 14.4 21.6



#79
Terphenyl-d14
Concen: 73.849 ng
RT: 13.207 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Tgt Ion:244 Resp: 1161055
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 11.7 10.5 15.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.860 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132304.D

Acq: 02 Feb 2023 21:48

Instrument :

BNA_F

ClientSampleId :

RBR200033

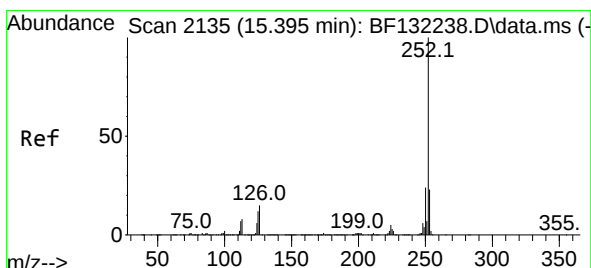
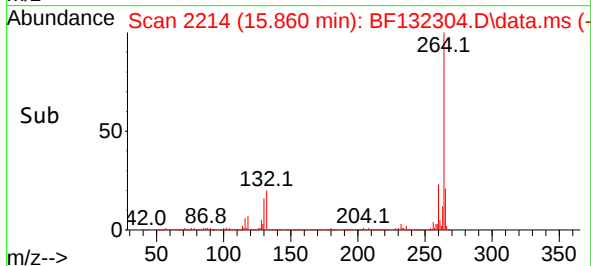
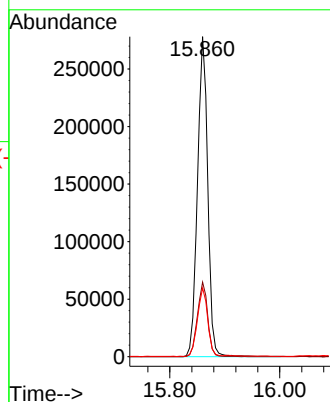
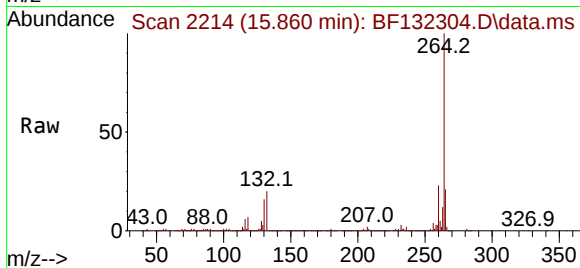
Tgt Ion:264 Resp: 360615

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.5 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.018 ng

RT: 15.377 min Scan# 2132

Delta R.T. -0.018 min

Lab File: BF132304.D

Acq: 02 Feb 2023 21:48

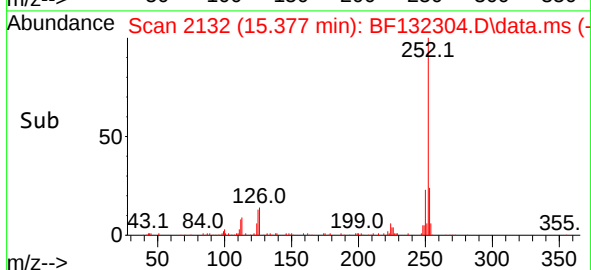
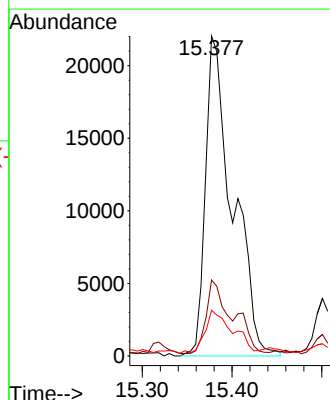
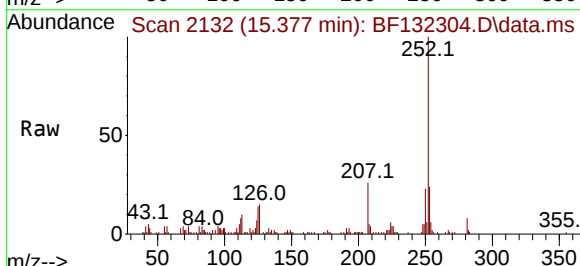
Tgt Ion:252 Resp: 46253

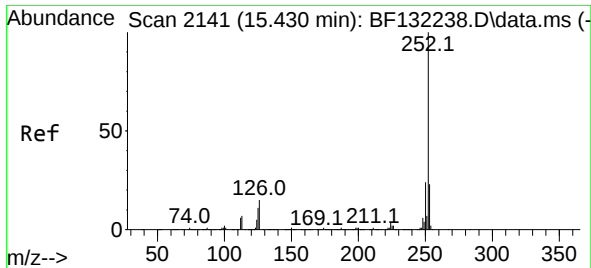
Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

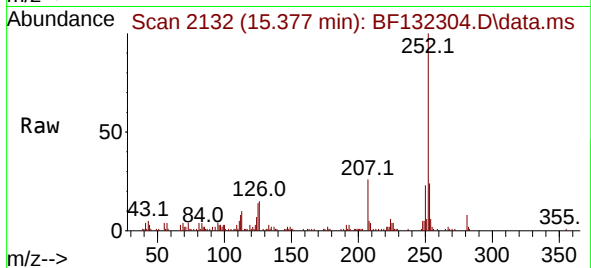
125 14.3 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 2.114 ng
RT: 15.377 min Scan# 21
Delta R.T. -0.053 min
Lab File: BF132304.D
Acq: 02 Feb 2023 21:48

Instrument :
BNA_F
ClientSampleId :
RBR200033



Tgt Ion:252 Resp: 46253
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 14.3 9.0 13.6#

