

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132915.D
 Acq On : 19 Apr 2023 16:54
 Operator : CG\JU
 Sample : PB152211BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BL

Quant Time: Apr 20 01:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

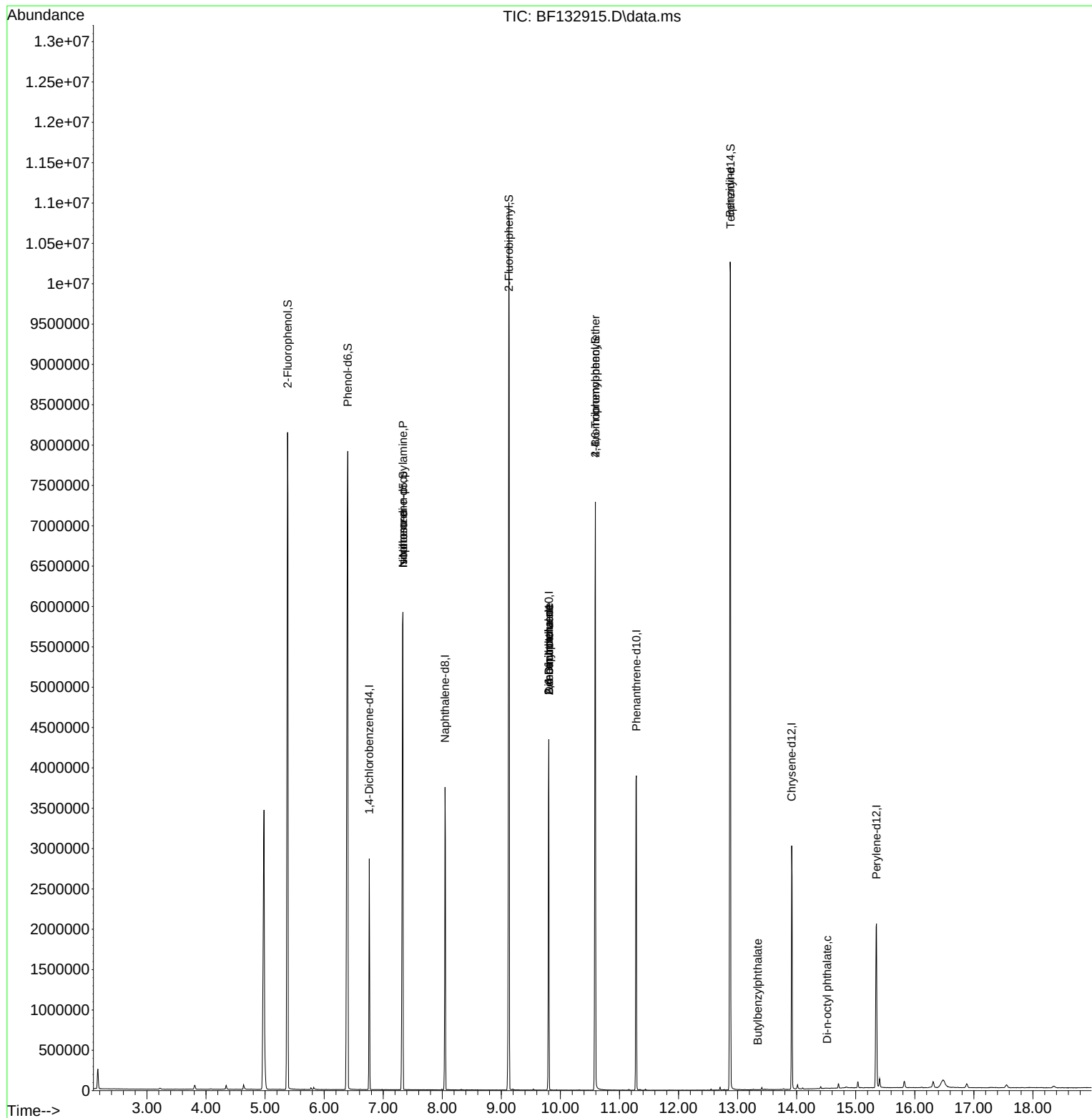
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	359281	20.000	ng	0.00
21) Naphthalene-d8	8.046	136	1517309	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	817815	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1459757	20.000	ng	0.00
76) Chrysene-d12	13.916	240	977591	20.000	ng	#-0.01
86) Perylene-d12	15.351	264	894928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2813544	122.452	ng	0.02
7) Phenol-d6	6.399	99	3523290	120.170	ng	0.00
23) Nitrobenzene-d5	7.334	82	2243627	77.076	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	1010823	123.230	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3652229	68.605	ng	0.00
79) Terphenyl-d14	12.881	244	4347344	75.869	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	299744	16.379	ng	# 78
25) Isophorone	7.334	82	2240311	40.574	ng	# 65
50) Dimethylphthalate	9.804	163	170257	3.011	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	108460	8.749	ng	# 27
57) 2,4-Dinitrotoluene	9.804	165	108460	7.089	ng	# 23
67) 4-Bromophenyl-phenylether	10.592	248	60810	3.648	ng	# 1
77) Benzidine	12.875	184	50696	3.329	ng	# 89
80) Butylbenzylphthalate	13.339	149	60	5.137	ng	# 18
85) Di-n-octyl phthalate	14.516	149	598	6.393	ng	# 1

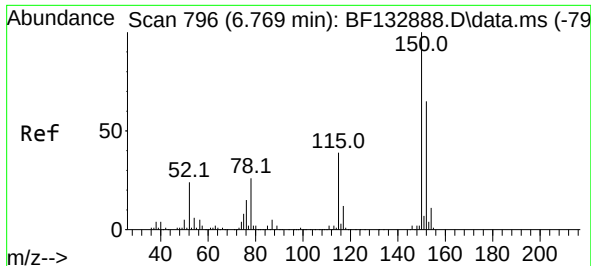
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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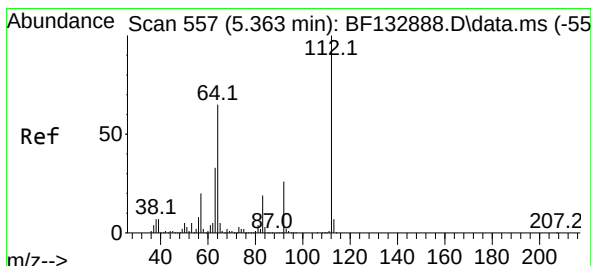
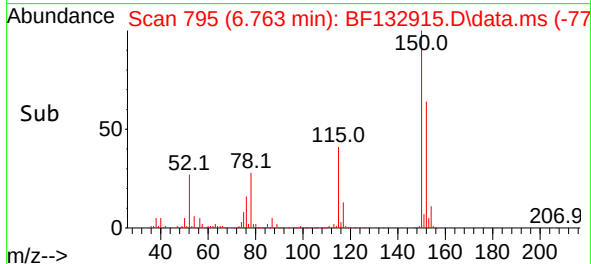
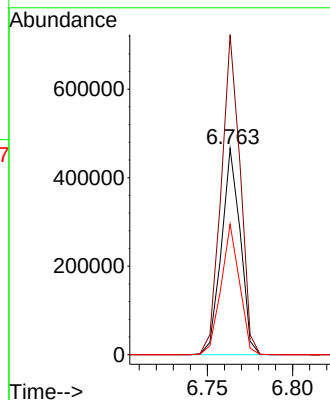
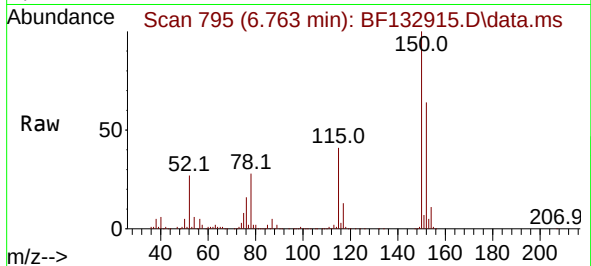




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF132915.D
 Acq: 19 Apr 2023 16:54

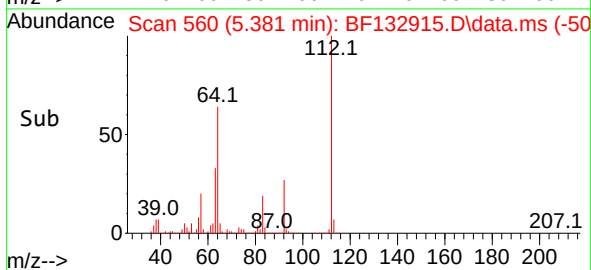
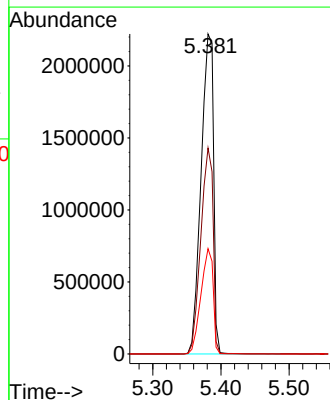
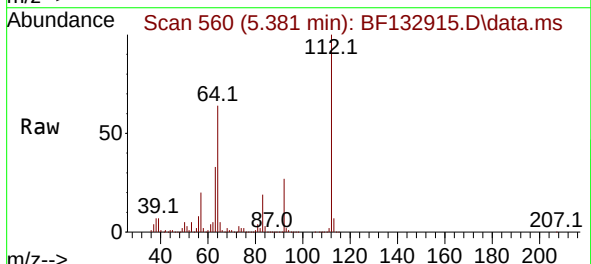
Instrument :
 BNA_F
 ClientSampleId :
 PB152211BL

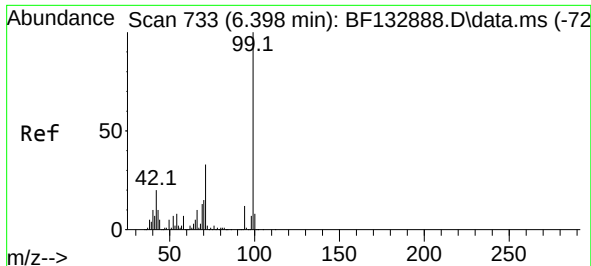
Tgt Ion:152 Resp: 359281
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.8 184.2
 115 63.4 47.3 70.9



#5
 2-Fluorophenol
 Concen: 122.452 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.018 min
 Lab File: BF132915.D
 Acq: 19 Apr 2023 16:54

Tgt Ion:112 Resp: 2813544
 Ion Ratio Lower Upper
 112 100
 64 64.3 51.8 77.8
 63 32.9 26.3 39.5

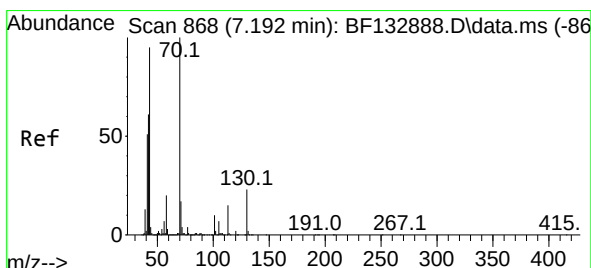
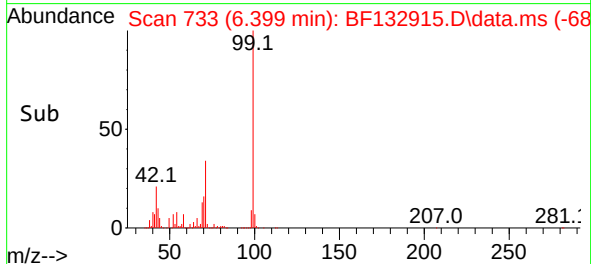
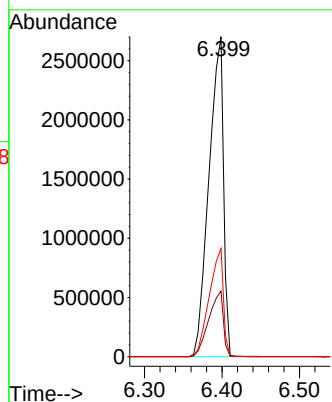
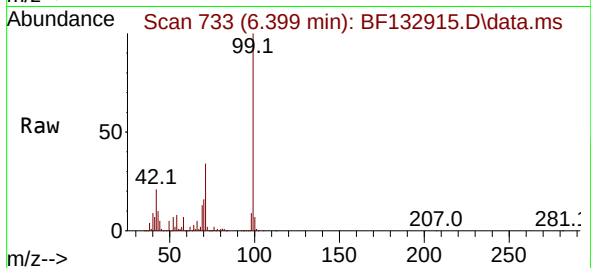




#7
Phenol-d6
Concen: 120.170 ng
RT: 6.399 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

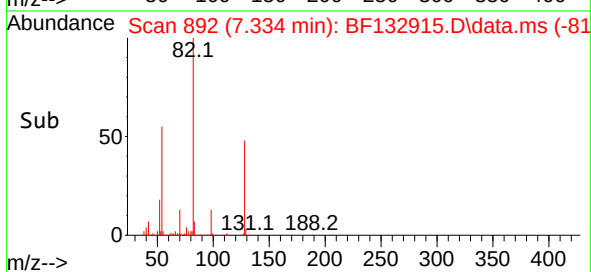
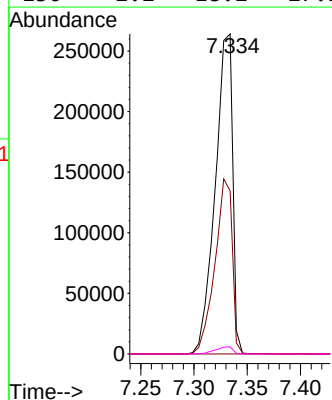
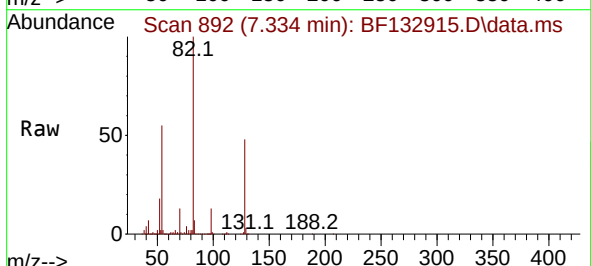
Instrument :
BNA_F
ClientSampleId :
PB152211BL

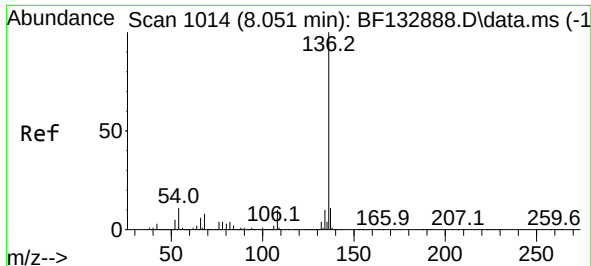
Tgt Ion: 99 Resp: 3523290
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 33.8 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.379 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion: 70 Resp: 299744
Ion Ratio Lower Upper
70 100
42 50.9 49.0 73.6
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#

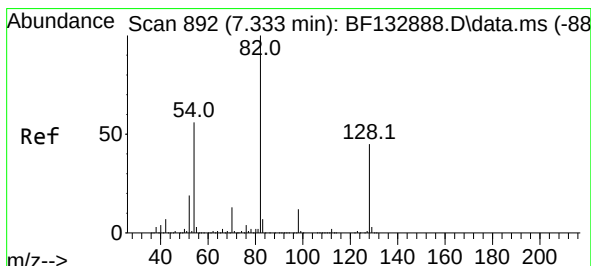
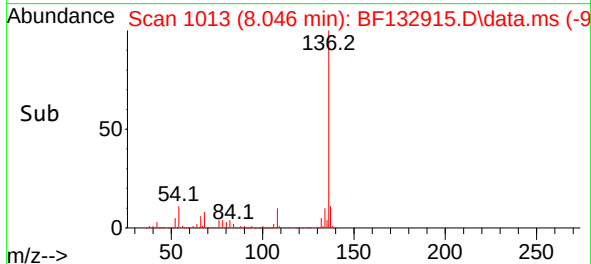
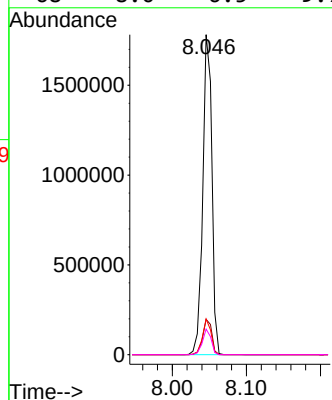
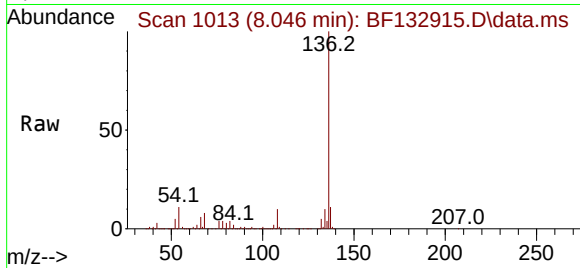




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.046 min Scan# 1014
Delta R.T. -0.005 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

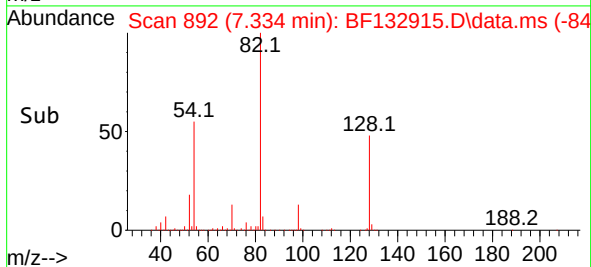
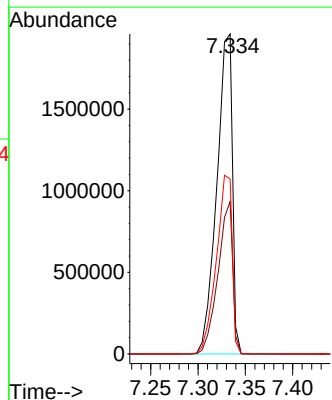
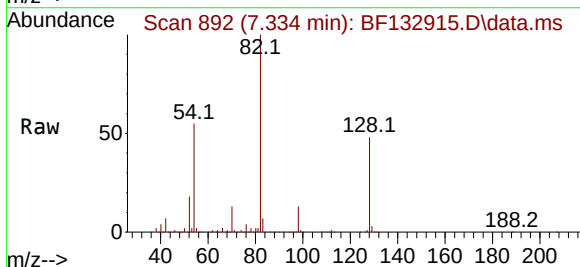
Instrument :
BNA_F
ClientSampleId :
PB152211BL

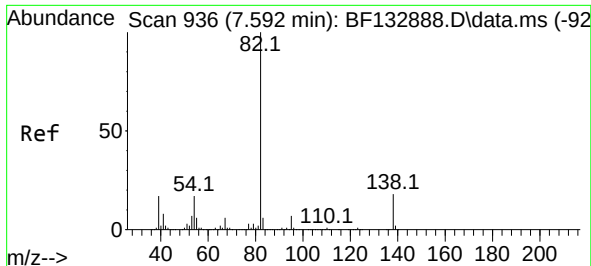
Tgt Ion:136 Resp: 1517309
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 11.1 8.9 13.3
68 8.0 6.5 9.7



#23
Nitrobenzene-d5
Concen: 77.076 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion: 82 Resp: 2243627
Ion Ratio Lower Upper
82 100
128 47.6 35.7 53.5
54 54.7 44.7 67.1

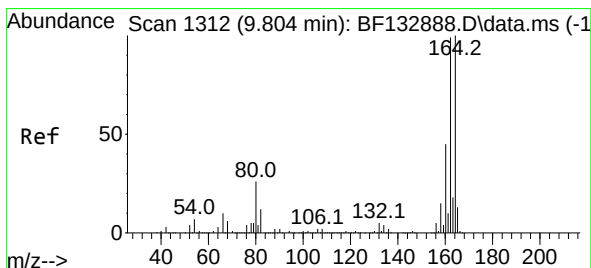
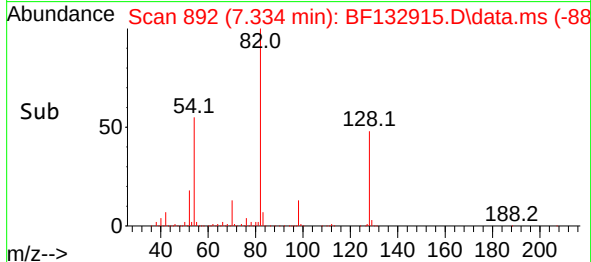
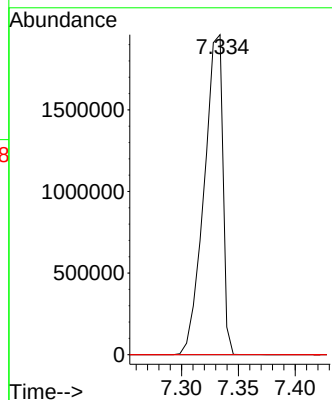
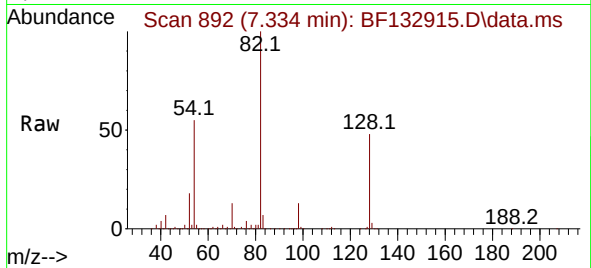




#25
Isophorone
Concen: 40.574 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.258 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

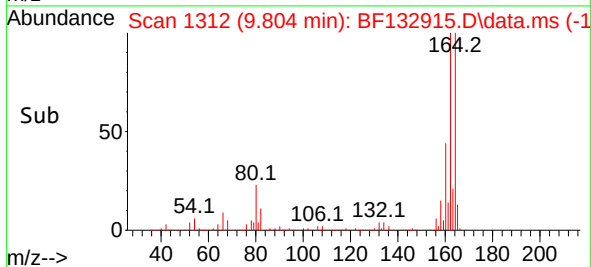
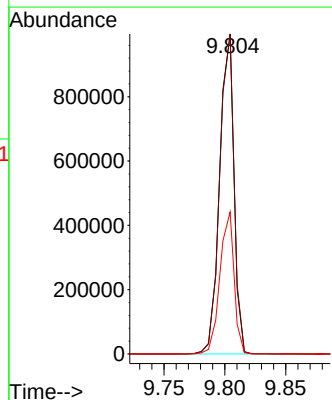
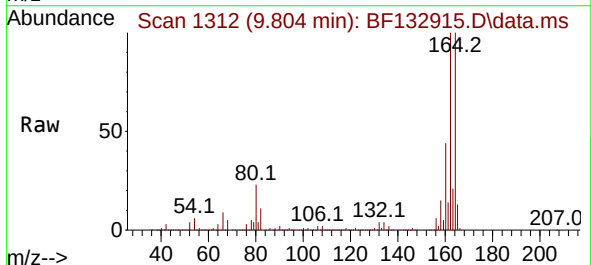
Instrument :
BNA_F
ClientSampleId :
PB152211BL

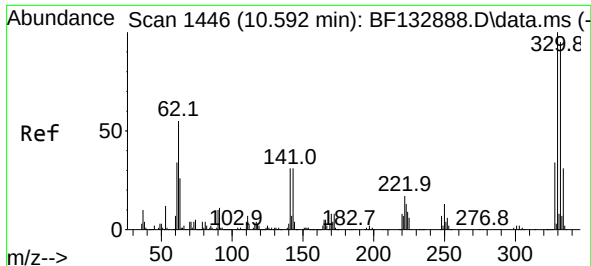
Tgt Ion: 82 Resp: 2240311
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion:164 Resp: 817815
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 44.4 35.6 53.4

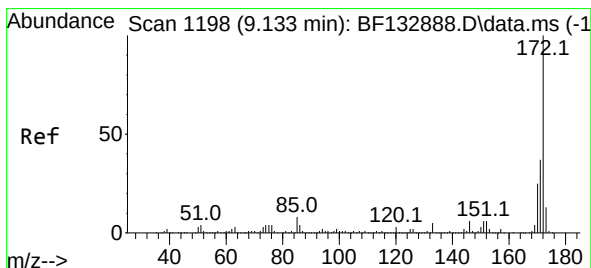
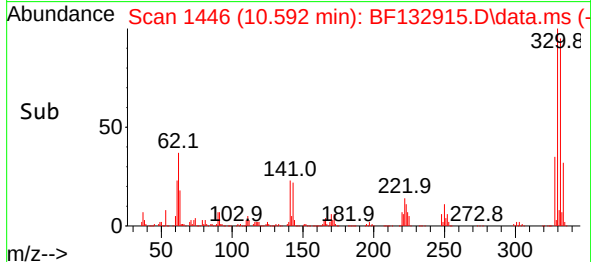
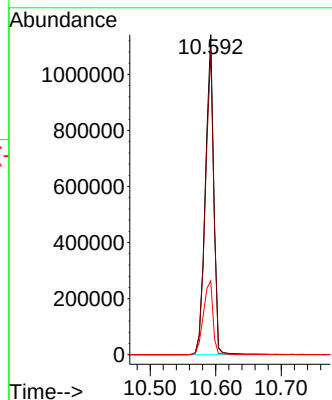
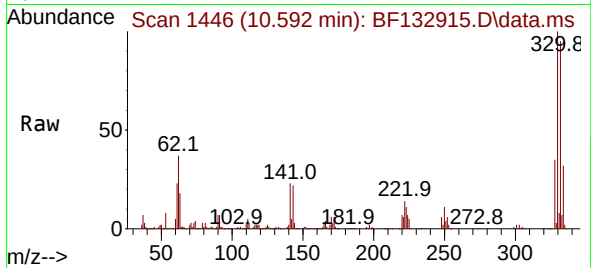




#42
2,4,6-Tribromophenol
Concen: 123.230 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

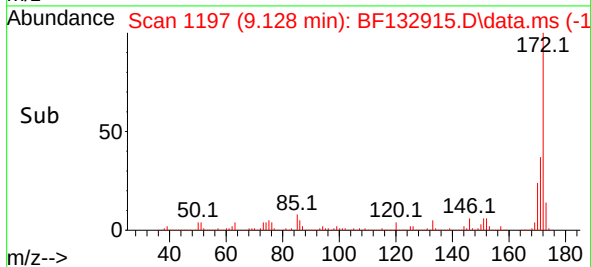
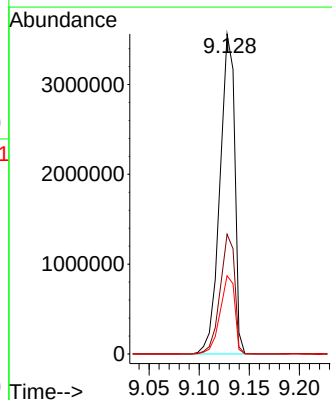
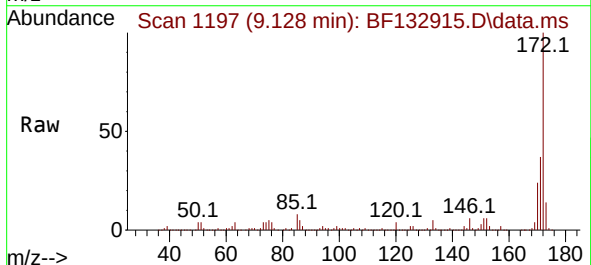
Instrument :
BNA_F
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PB152211BL

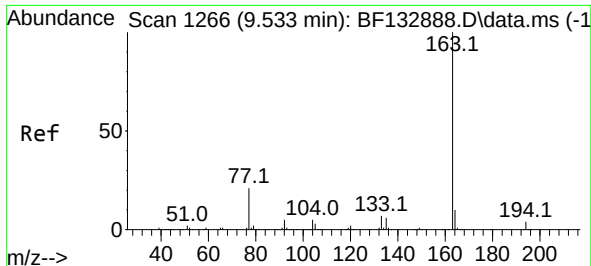
Tgt Ion:330 Resp: 1010823
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 26.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 68.605 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion:172 Resp: 3652229
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.4 20.1 30.1

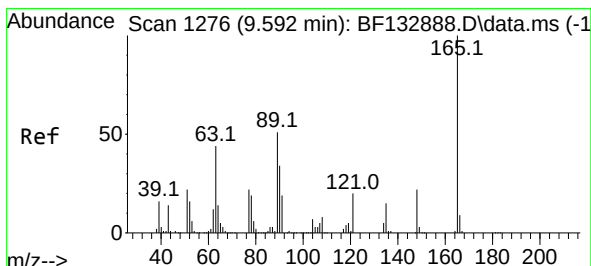
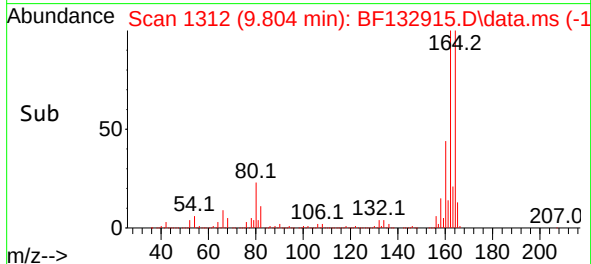
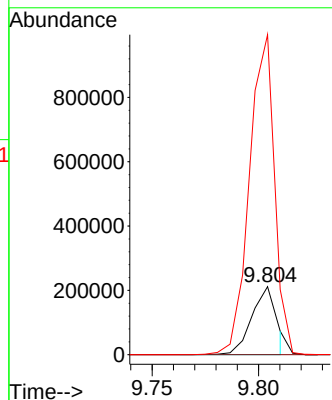
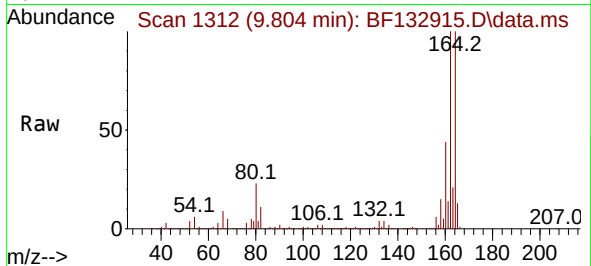




#50
Dimethylphthalate
Concen: 3.011 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

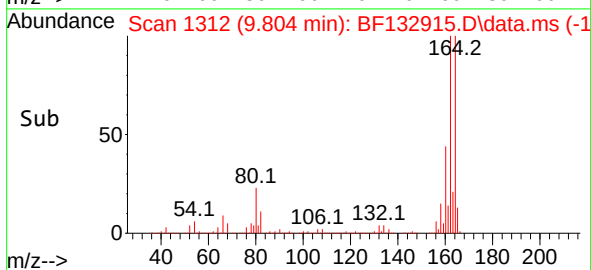
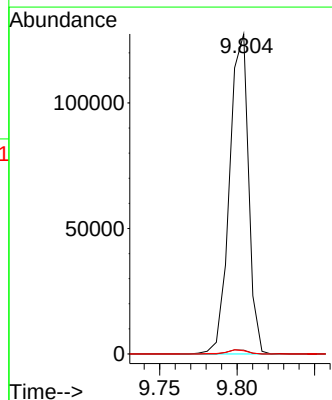
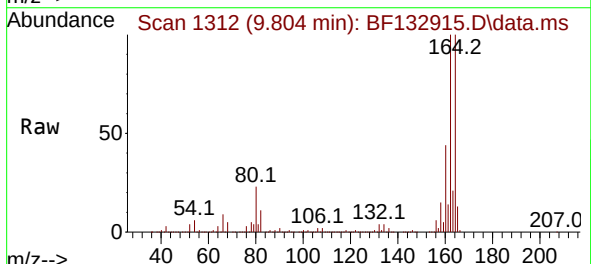
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BNA_F
ClientSampleId :
PB152211BL

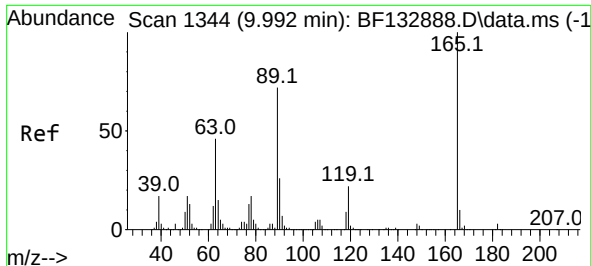
Tgt Ion:163 Resp: 170257
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 470.0 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.749 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion:165 Resp: 108460
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 7.089 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.188 min

Lab File: BF132915.D

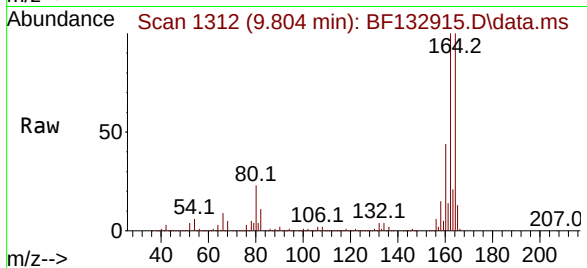
Acq: 19 Apr 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB152211BL



Tgt Ion:165 Resp: 108460

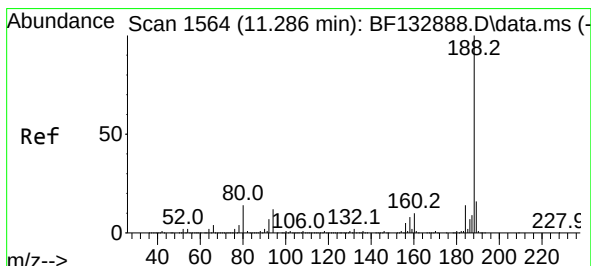
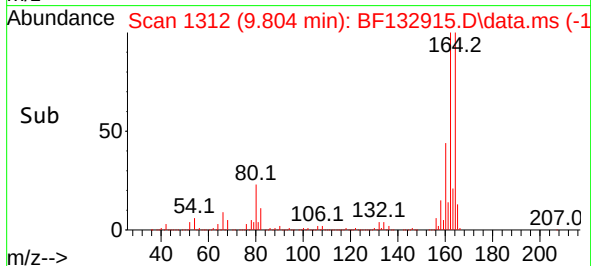
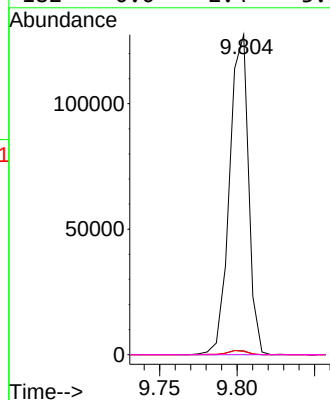
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.6#

89 1.0 57.8 86.6#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

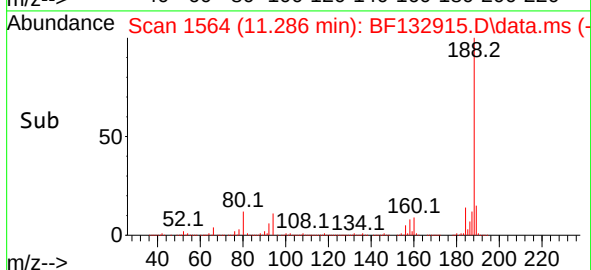
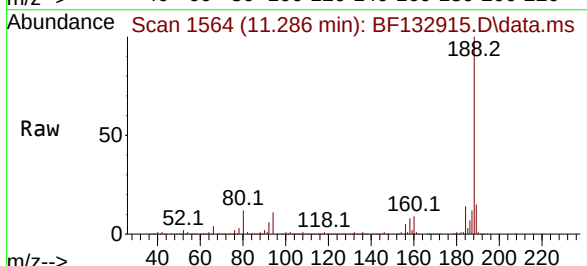
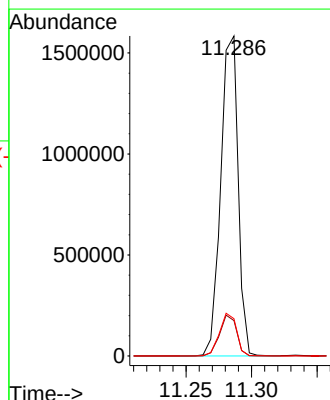
Tgt Ion:188 Resp: 1459757

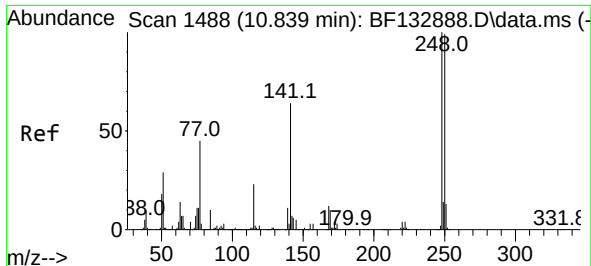
Ion Ratio Lower Upper

188 100

94 11.0 9.9 14.9

80 11.6 10.8 16.2

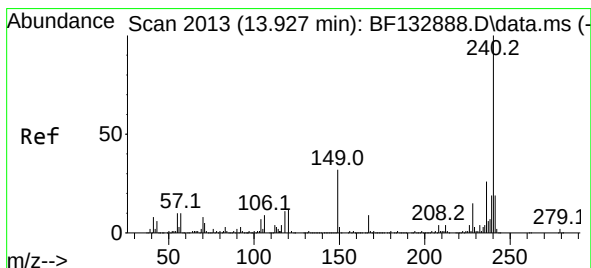
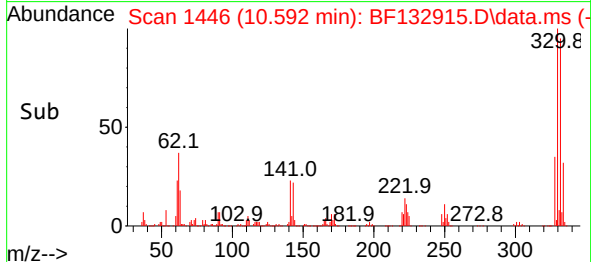
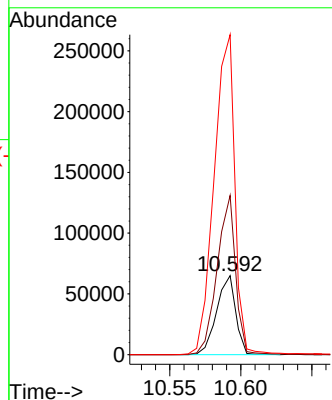
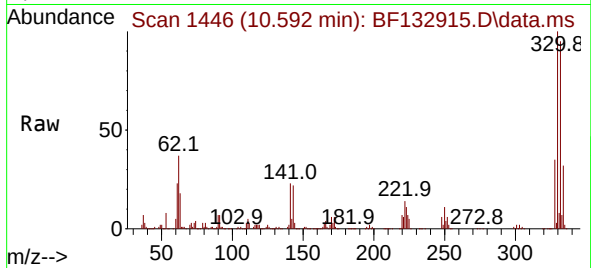




#67
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

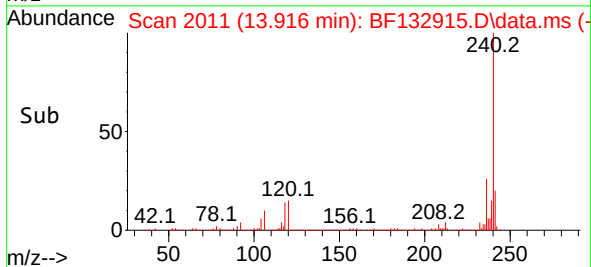
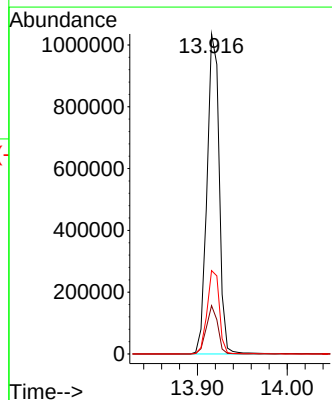
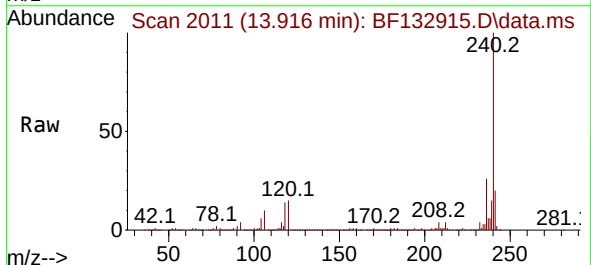
Instrument :
BNA_F
ClientSampleId :
PB152211BL

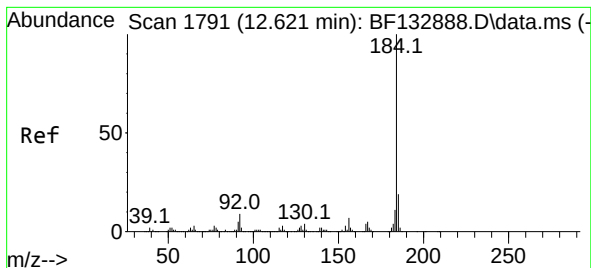
Tgt Ion:248 Resp: 60810
Ion Ratio Lower Upper
248 100
250 201.4 79.1 118.7#
141 404.9 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BF132915.D
Acq: 19 Apr 2023 16:54

Tgt Ion:240 Resp: 977591
Ion Ratio Lower Upper
240 100
120 15.1 10.0 15.0#
236 26.1 20.8 31.2





#77

Benzidine

Concen: 3.329 ng

RT: 12.875 min Scan# 1834

Delta R.T. 0.254 min

Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB152211BL

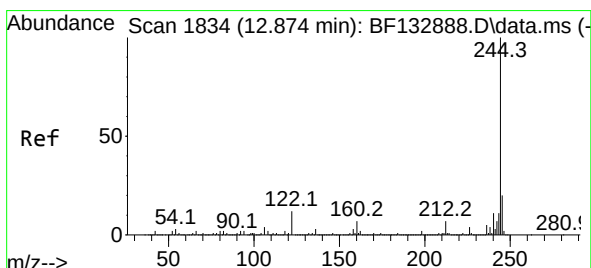
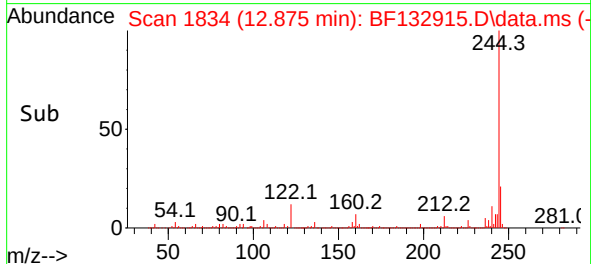
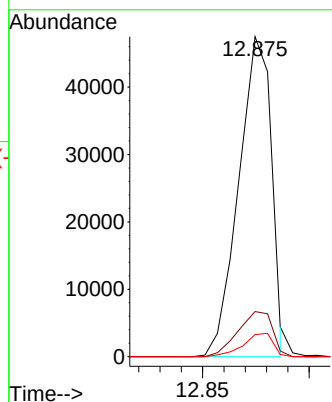
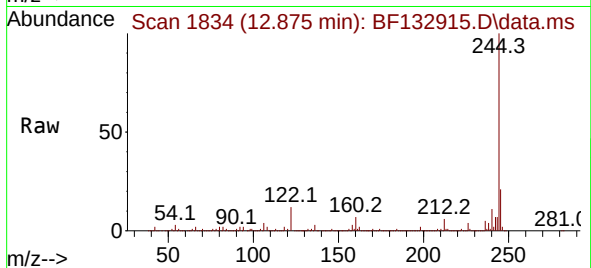
Tgt Ion:184 Resp: 50696

Ion Ratio Lower Upper

184 100

185 14.1 14.9 22.3#

183 6.9 9.0 13.6#



#79

Terphenyl-d14

Concen: 75.869 ng

RT: 12.881 min Scan# 1835

Delta R.T. 0.006 min

Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

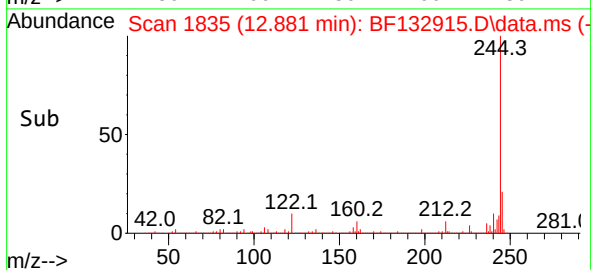
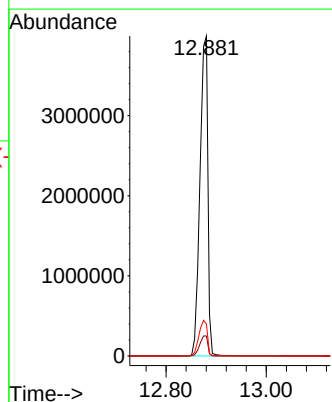
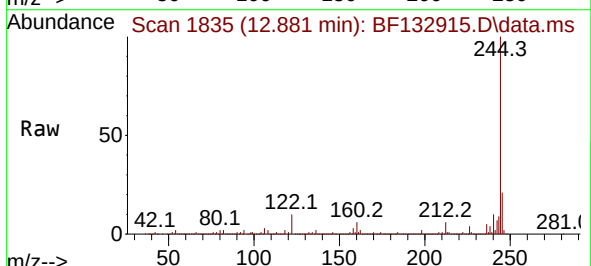
Tgt Ion:244 Resp: 4347344

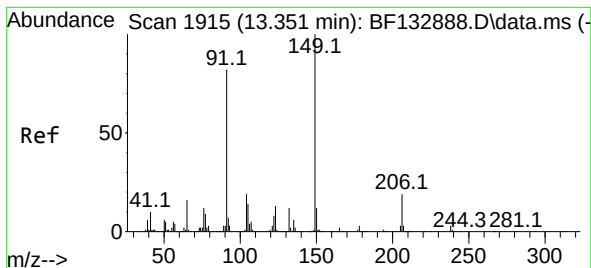
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 10.0 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.137 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

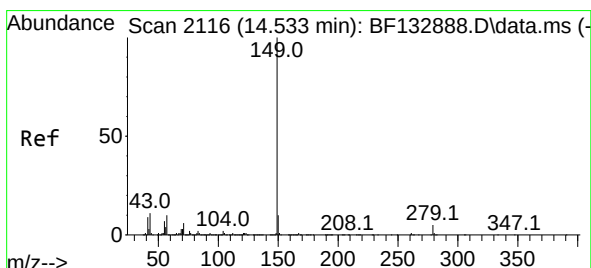
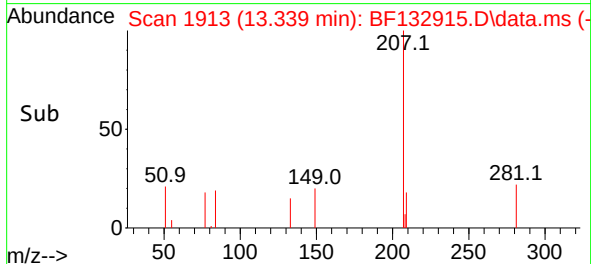
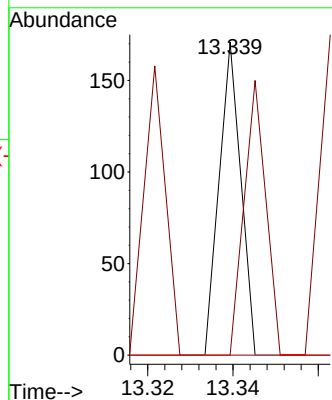
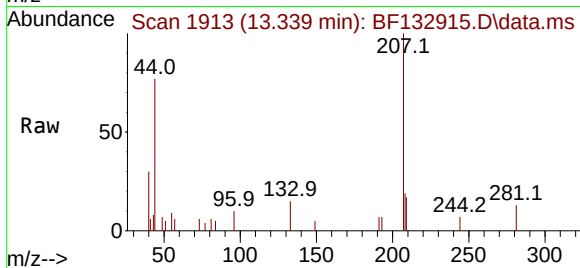
Instrument :

BNA_F

ClientSampleId :

PB152211BL

Tgt Ion:149	Resp:	60
Ion Ratio	Lower	Upper
149	100	
91	0.0	65.4 98.0#
206	0.0	15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 6.393 ng

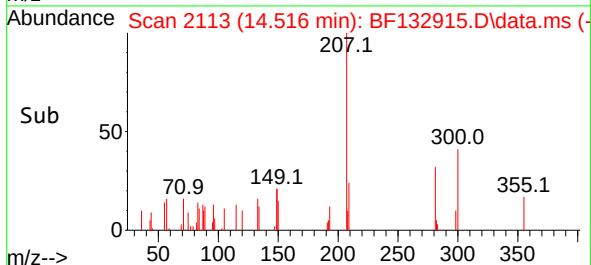
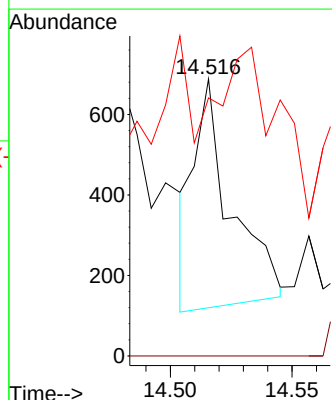
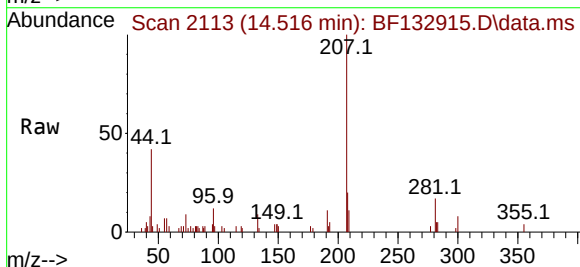
RT: 14.516 min Scan# 2113

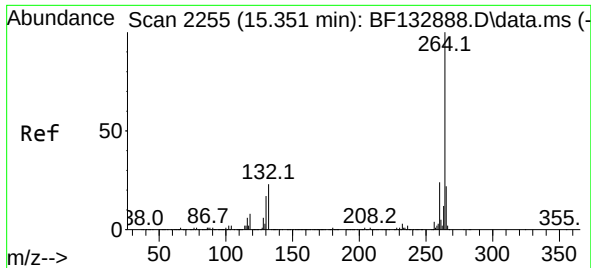
Delta R.T. -0.017 min

Lab File: BF132915.D

Acq: 19 Apr 2023 16:54

Tgt Ion:149	Resp:	598
Ion Ratio	Lower	Upper
149	100	
167	0.0	1.2 1.8#
43	91.8	11.5 17.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.351 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF132915.D
 Acq: 19 Apr 2023 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BL

Tgt Ion:264 Resp: 894928
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.3 17.7 26.5

