

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128621.D
 Acq On : 01 Jun 2022 13:21
 Operator : CG\JU
 Sample : N2987-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-220516

Quant Time: Jun 02 04:36:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

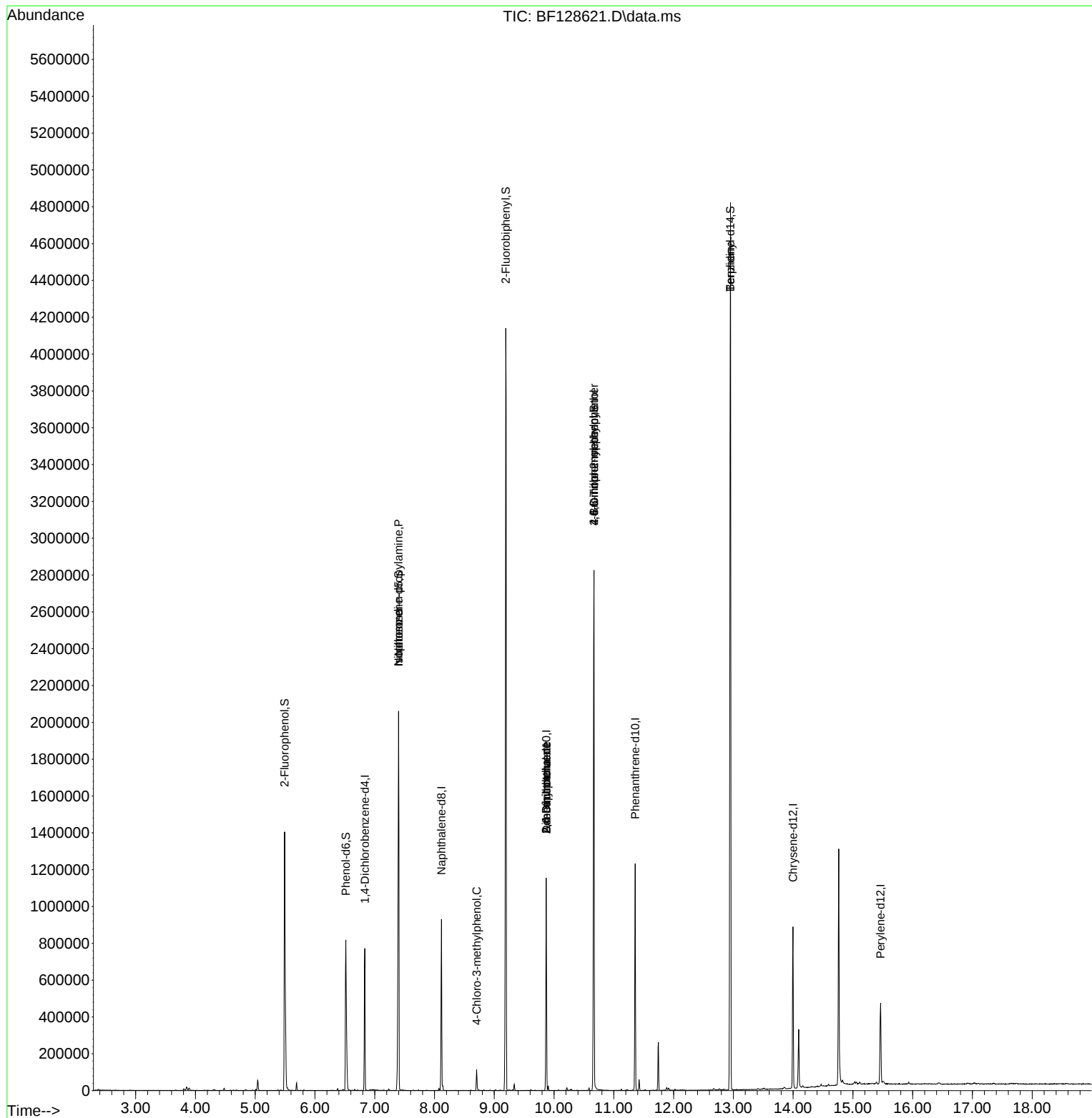
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	102587	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	359026	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	205070	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	406331	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	282075	20.000	ng	#-0.01
86) Perylene-d12	15.463	264	192646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	400520	64.669	ng	0.04
7) Phenol-d6	6.516	99	319637	40.477	ng	0.05
23) Nitrobenzene-d5	7.398	82	712910	114.550	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	336924	172.612	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1381323	109.434	ng	-0.01
79) Terphenyl-d14	12.951	244	1782204	122.065	ng	0.00
Target Compounds						
9) Benzaldehyde	6.381	77	1693	Below Cal		Qvalue 94
19) n-Nitroso-di-n-propyla...	7.398	70	103070	21.288	ng	# 79
25) Isophorone	7.398	82	711462	61.969	ng	# 65
36) 4-Chloro-3-methylphenol	8.704	107	22223	4.089	ng	96
50) Dimethylphthalate	9.869	163	37681	2.833	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	26407	10.832	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	26407	9.054	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.669	198	859	5.907	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	21780	5.188	ng	# 1
77) Benzidine	12.951	184	26675	4.100	ng	# 92

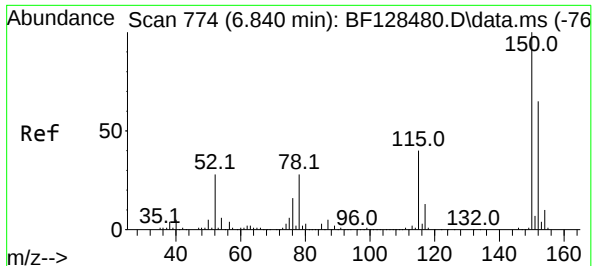
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
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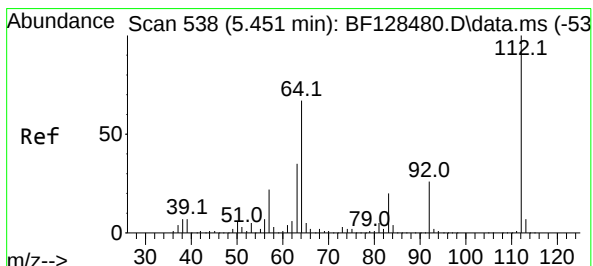
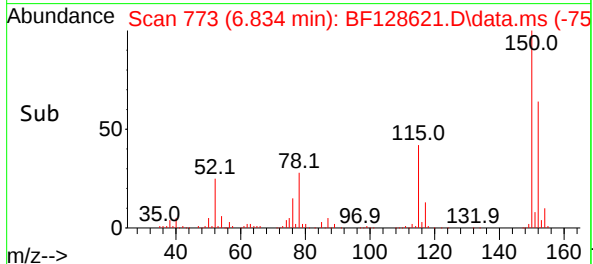
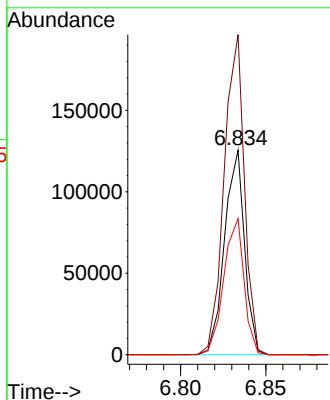
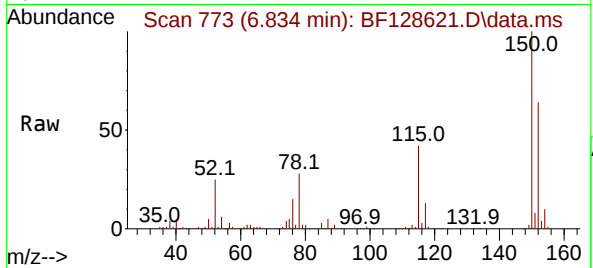




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

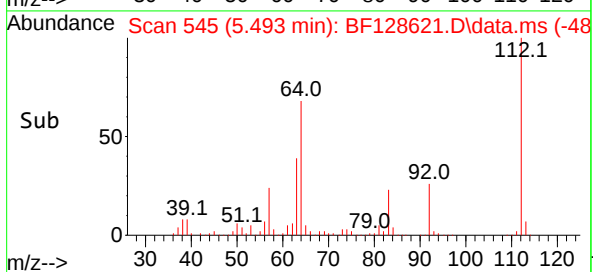
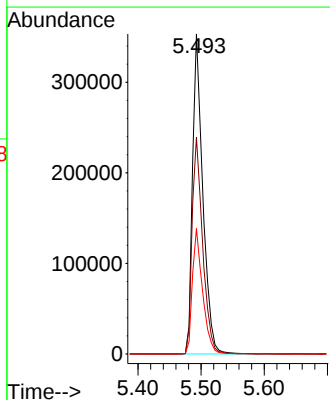
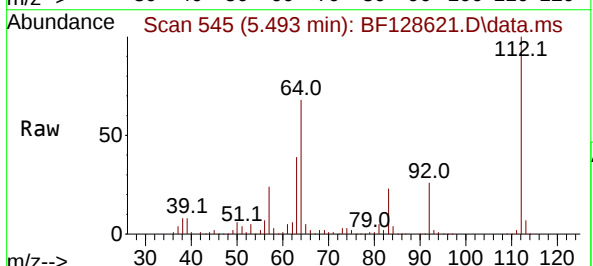
Instrument :
BNA_F
ClientSampleId :
RB-220516

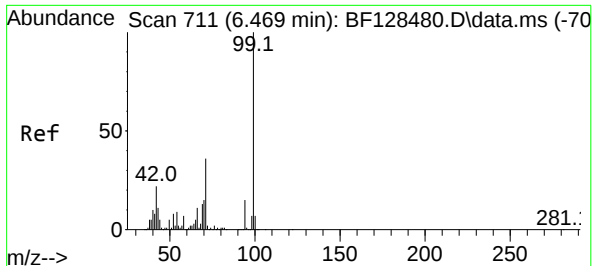
Tgt Ion:152 Resp: 102587
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 66.5 49.9 74.9



#5
2-Fluorophenol
Concen: 64.669 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion:112 Resp: 400520
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 39.2 28.0 42.0

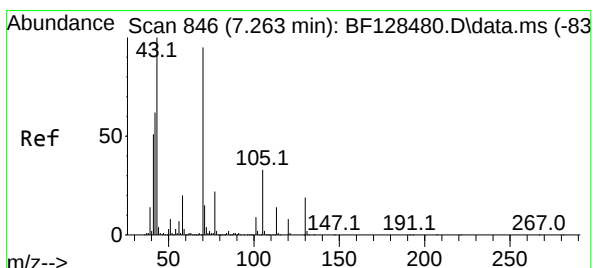
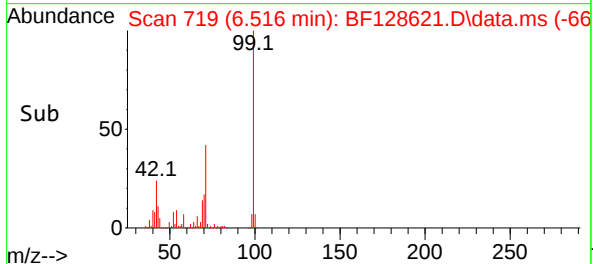
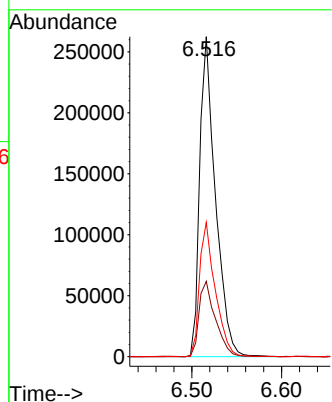
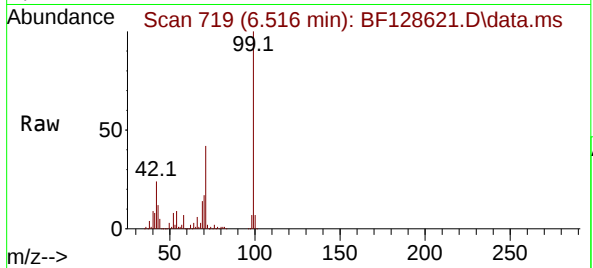




#7
Phenol-d6
Concen: 40.477 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.047 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

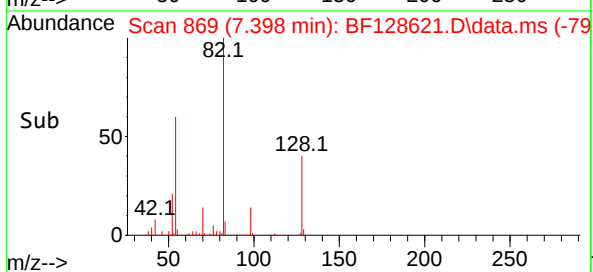
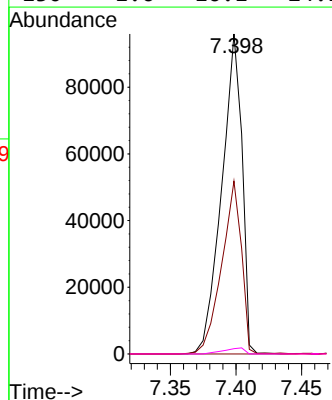
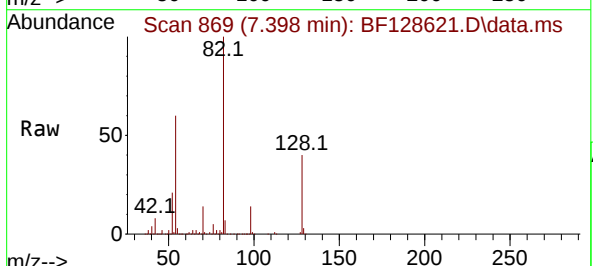
Instrument :
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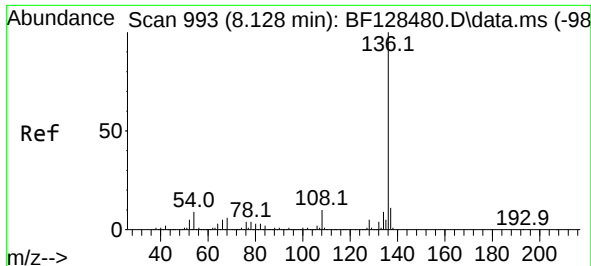
Tgt Ion: 99 Resp: 319637
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 42.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.288 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion: 70 Resp: 103070
Ion Ratio Lower Upper
70 100
42 54.0 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

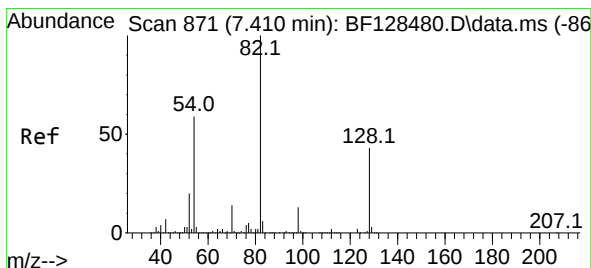
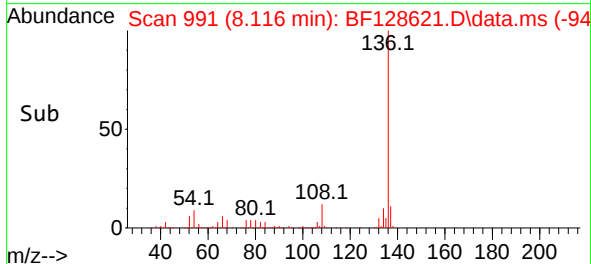
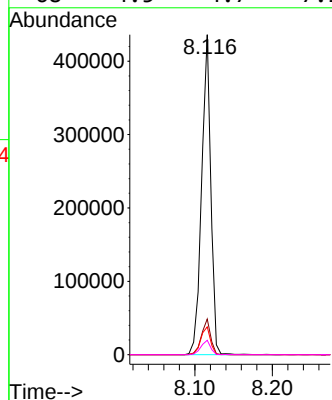
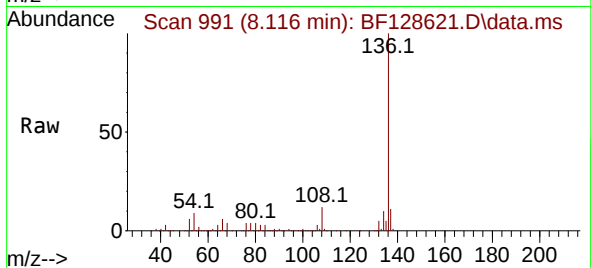




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

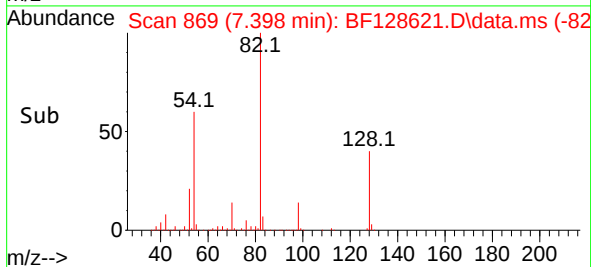
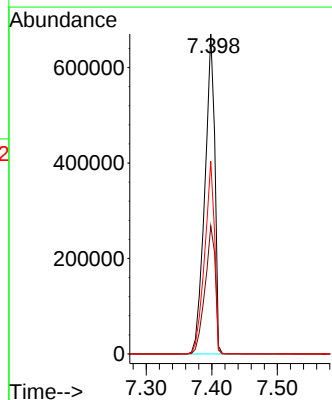
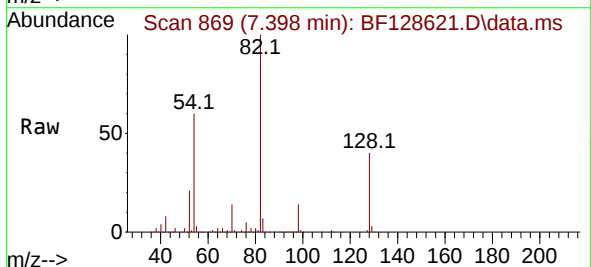
Instrument :
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ClientSampleId :
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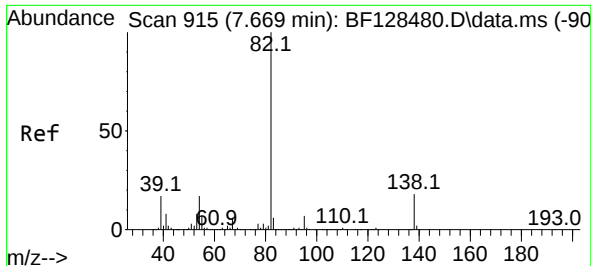
Tgt Ion:136 Resp: 359026
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 114.550 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion: 82 Resp: 712910
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 60.3 46.9 70.3

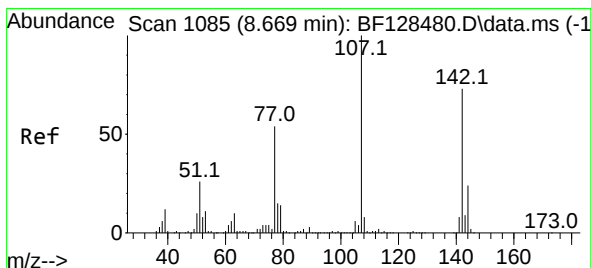
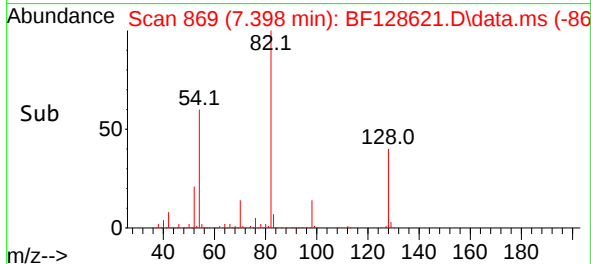
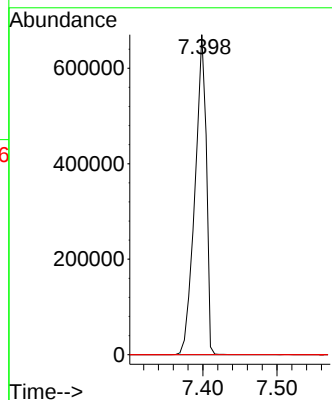
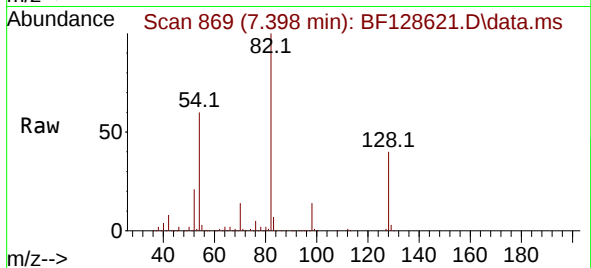




#25
Isophorone
Concen: 61.969 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

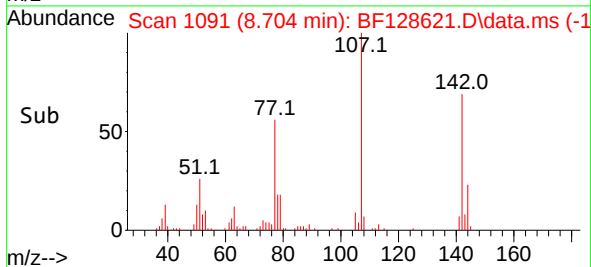
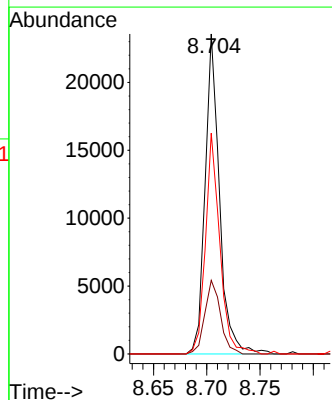
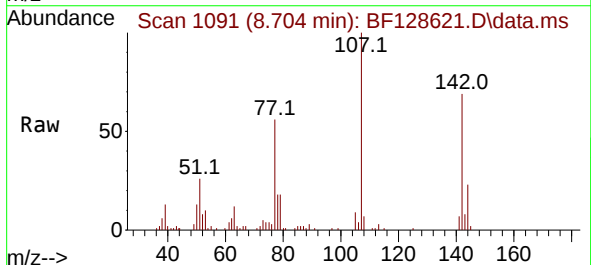
Instrument :
BNA_F
ClientSampleId :
RB-220516

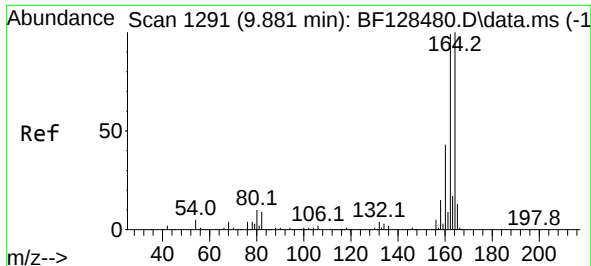
Tgt Ion: 82 Resp: 711462
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#36
4-Chloro-3-methylphenol
Concen: 4.089 ng
RT: 8.704 min Scan# 1091
Delta R.T. 0.035 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion: 107 Resp: 22223
Ion Ratio Lower Upper
107 100
144 23.0 19.5 29.3
142 69.0 58.2 87.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128621.D

Acq: 01 Jun 2022 13:21

Instrument :

BNA_F

ClientSampleId :

RB-220516

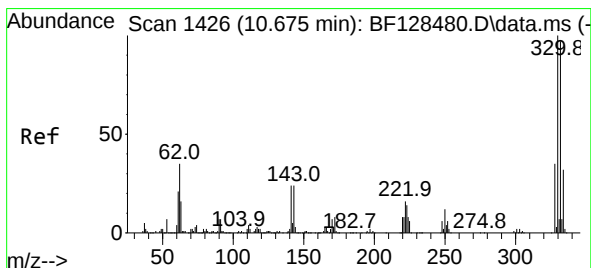
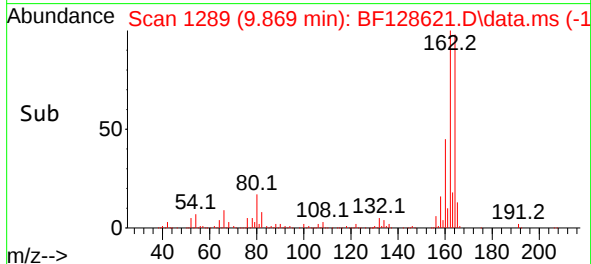
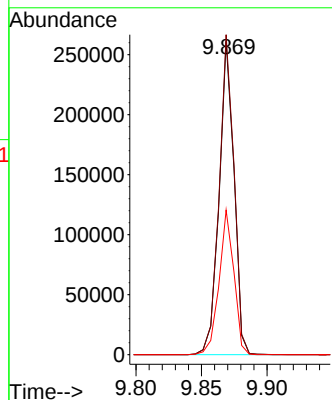
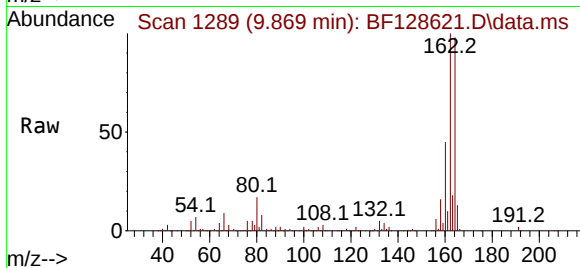
Tgt Ion:164 Resp: 205070

Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 46.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 172.612 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128621.D

Acq: 01 Jun 2022 13:21

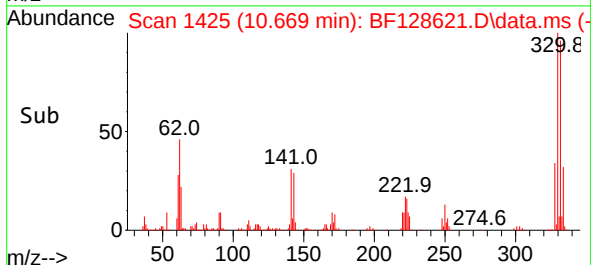
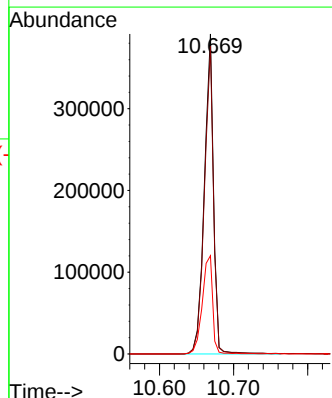
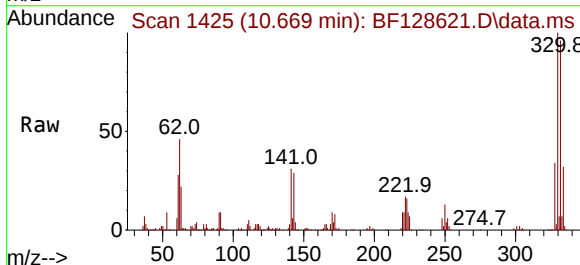
Tgt Ion:330 Resp: 336924

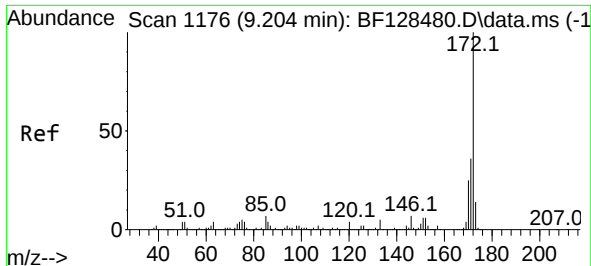
Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 34.7 28.0 42.0

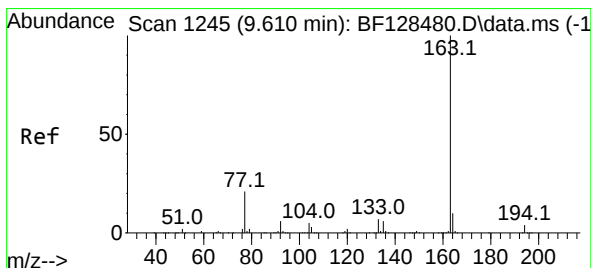
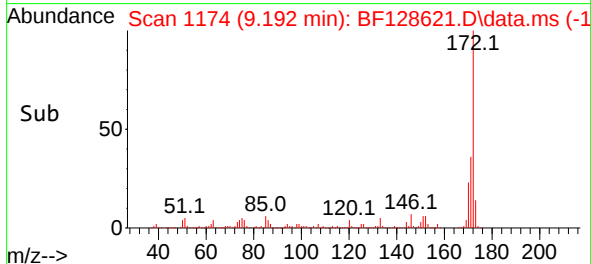
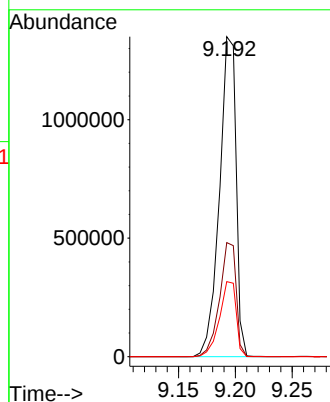
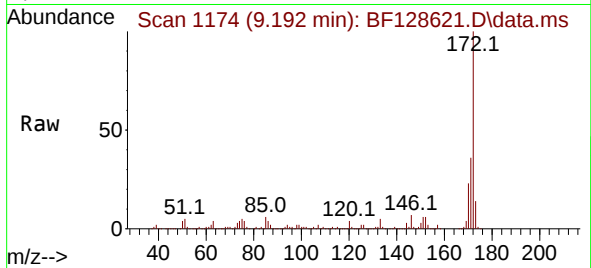




#45
2-Fluorobiphenyl
Concen: 109.434 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

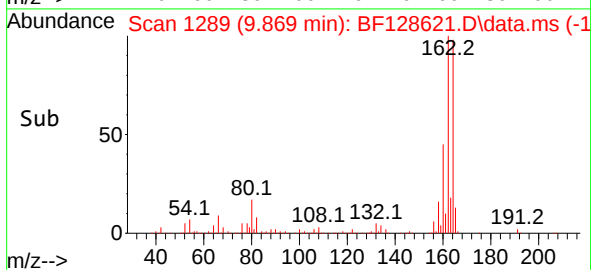
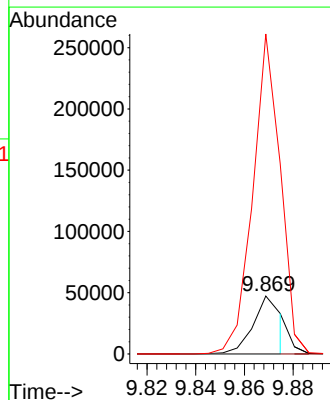
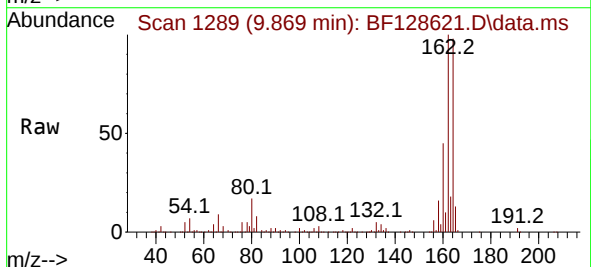
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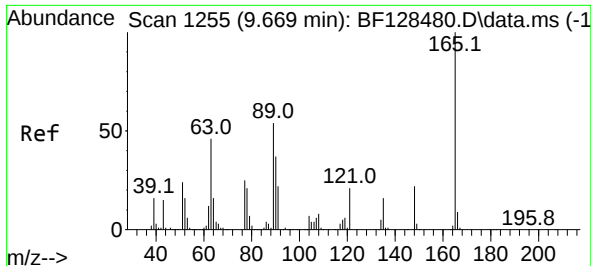
Tgt Ion:172 Resp: 1381323
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.8 29.8



#50
Dimethylphthalate
Concen: 2.833 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion:163 Resp: 37681
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 552.3 8.2 12.2#

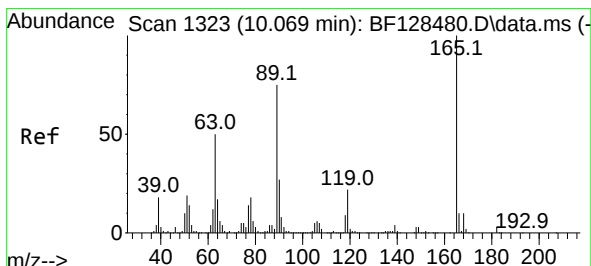
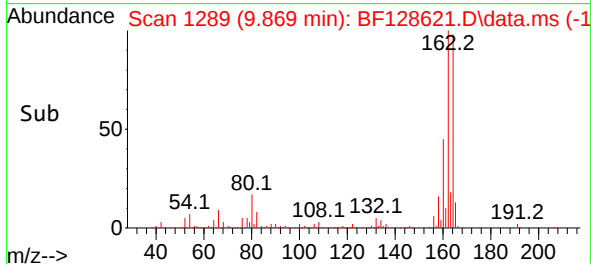
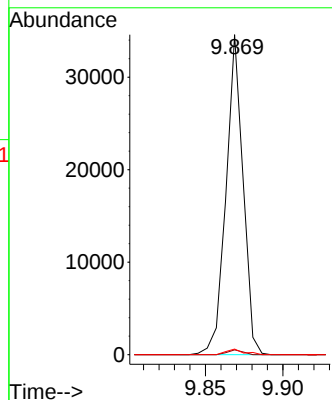
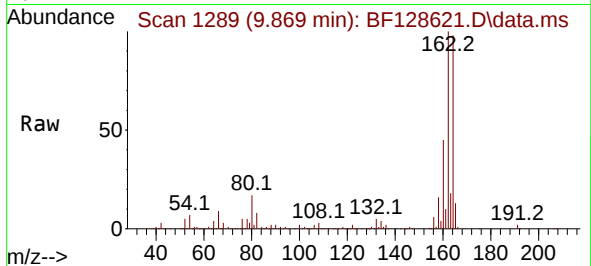




#51
2,6-Dinitrotoluene
Concen: 10.832 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

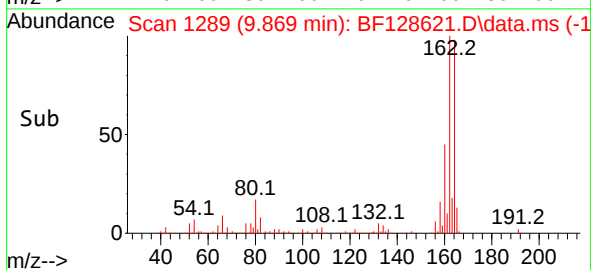
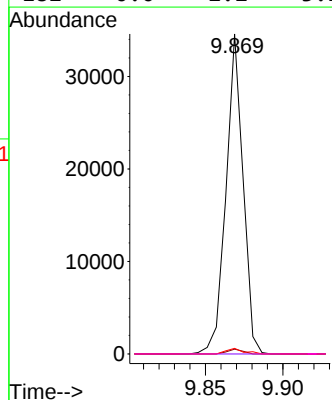
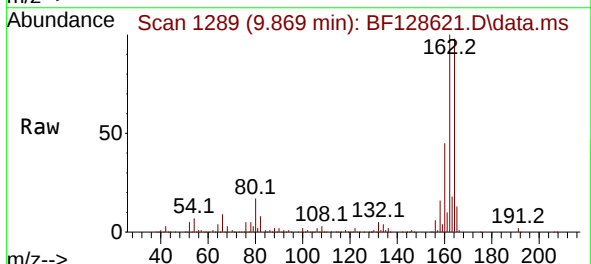
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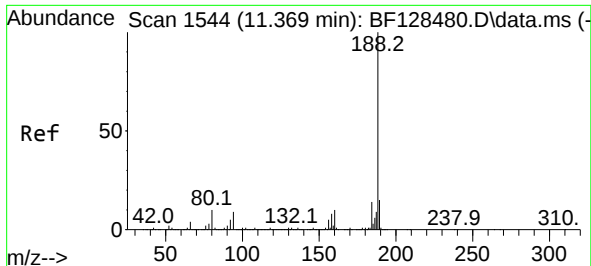
Tgt Ion:165 Resp: 26407
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 9.054 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.200 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion:165 Resp: 26407
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#

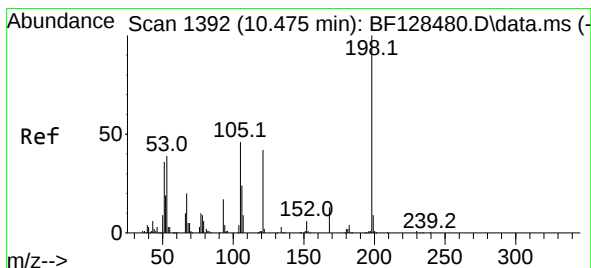
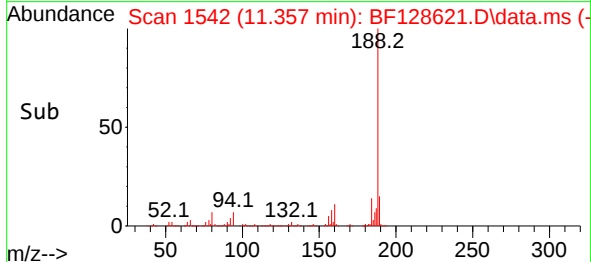
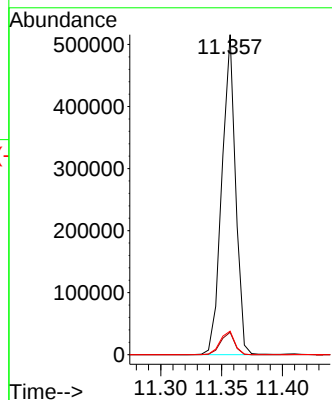
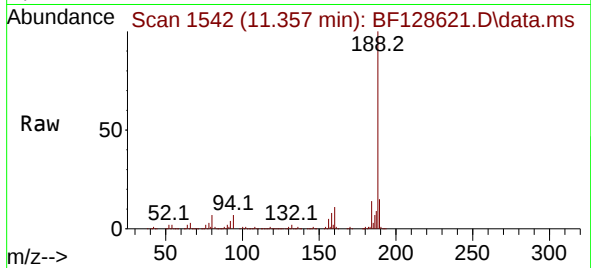




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

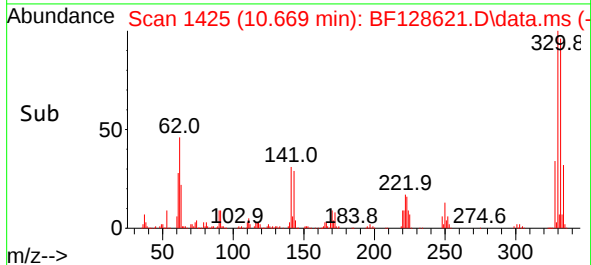
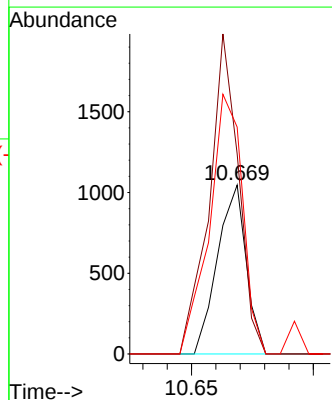
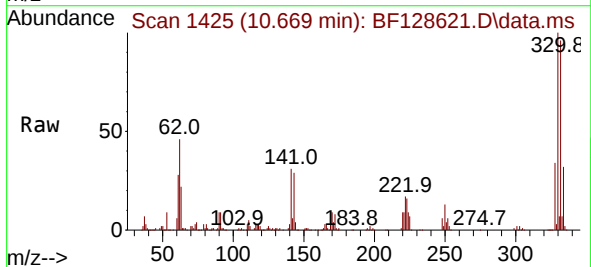
Instrument :
BNA_F
ClientSampleId :
RB-220516

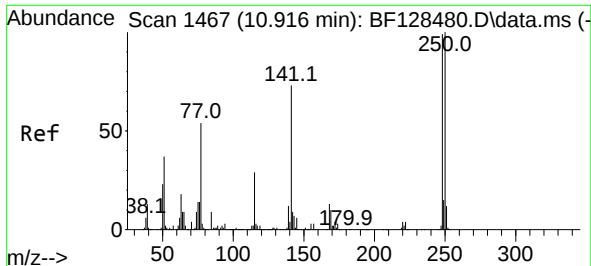
Tgt Ion:188 Resp: 406331
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.4 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.907 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion:198 Resp: 859
Ion Ratio Lower Upper
198 100
51 118.5 37.6 77.6#
105 134.3 27.0 67.0#

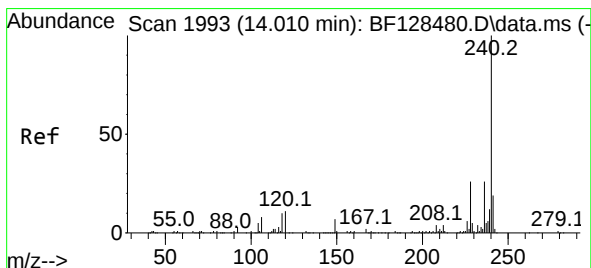
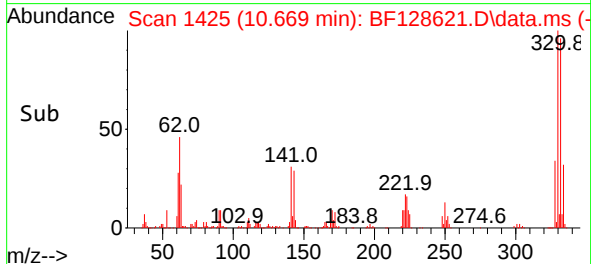
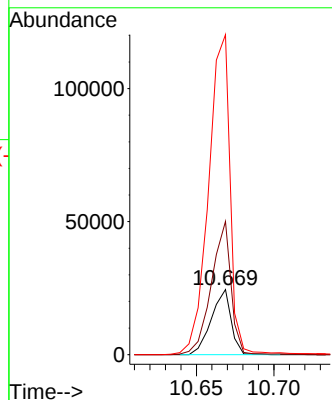
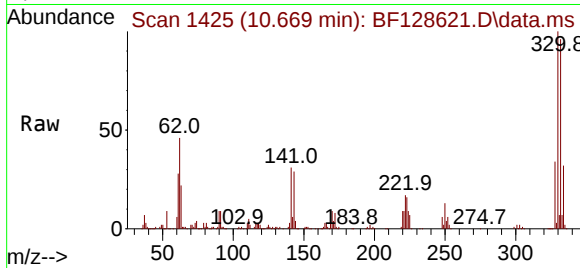




#67
4-Bromophenyl-phenylether
Concen: 5.188 ng
RT: 10.669 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

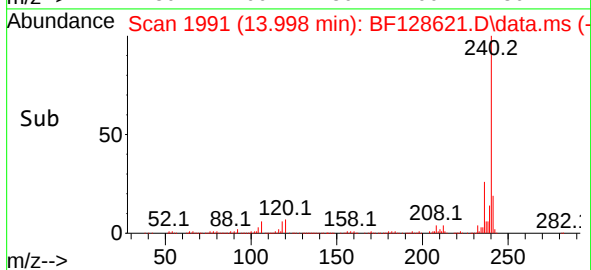
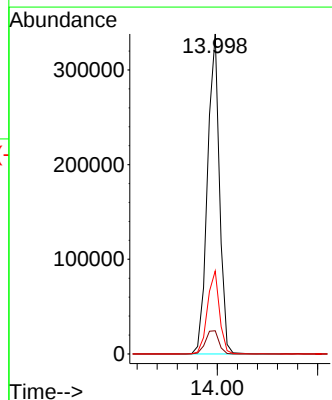
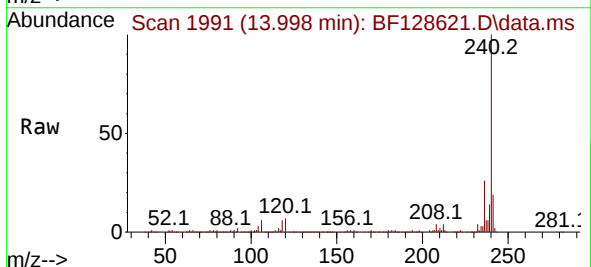
Instrument :
BNA_F
ClientSampleId :
RB-220516

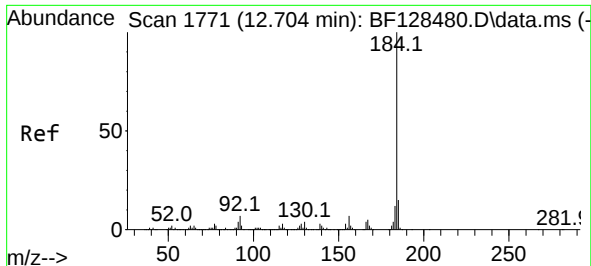
Tgt Ion:248 Resp: 21780
Ion Ratio Lower Upper
248 100
250 204.5 80.6 120.8#
141 491.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion:240 Resp: 282075
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.9 20.8 31.2

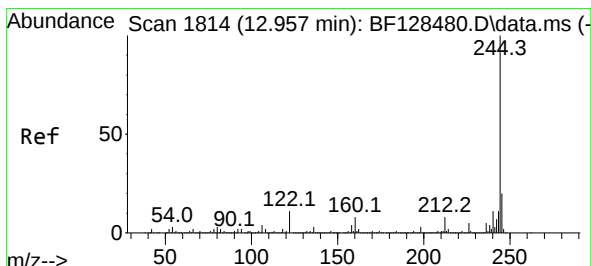
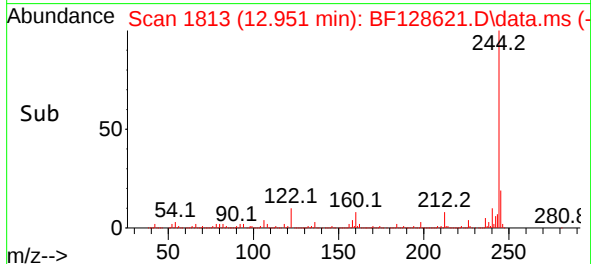
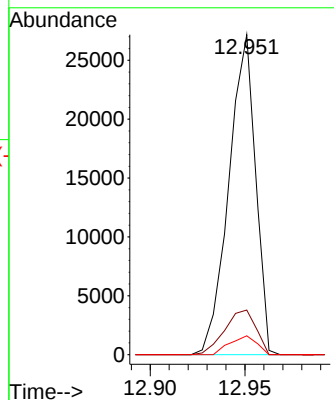
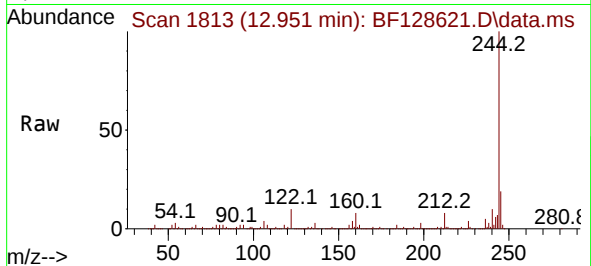




#77
Benzidine
Concen: 4.100 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

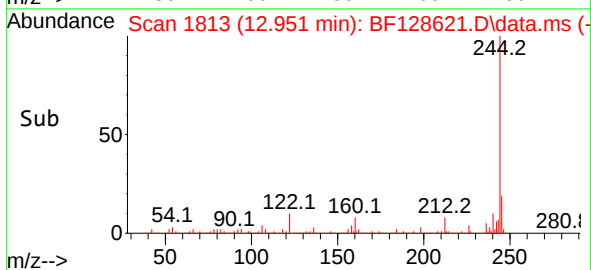
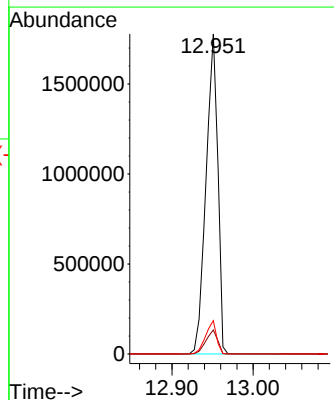
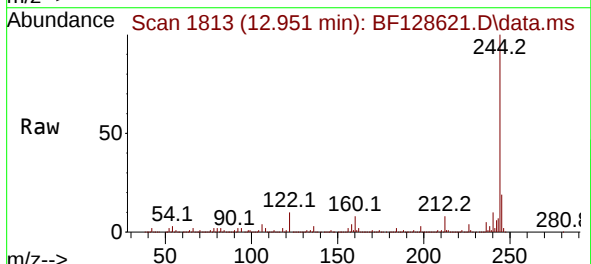
Instrument :
BNA_F
ClientSampleId :
RB-220516

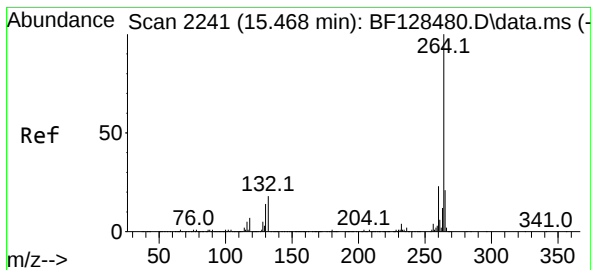
Tgt Ion:184 Resp: 26675
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 5.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 122.065 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128621.D
Acq: 01 Jun 2022 13:21

Tgt Ion:244 Resp: 1782204
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128621.D
 Acq: 01 Jun 2022 13:21

Instrument :
 BNA_F
 ClientSampleId :
 RB-220516

Tgt Ion:264 Resp: 192646
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.7 17.2 25.8

