

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128564.D
 Acq On : 29 May 2022 11:36
 Operator : CG\JU
 Sample : PB145191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145191BL

Quant Time: May 30 00:50:04 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)

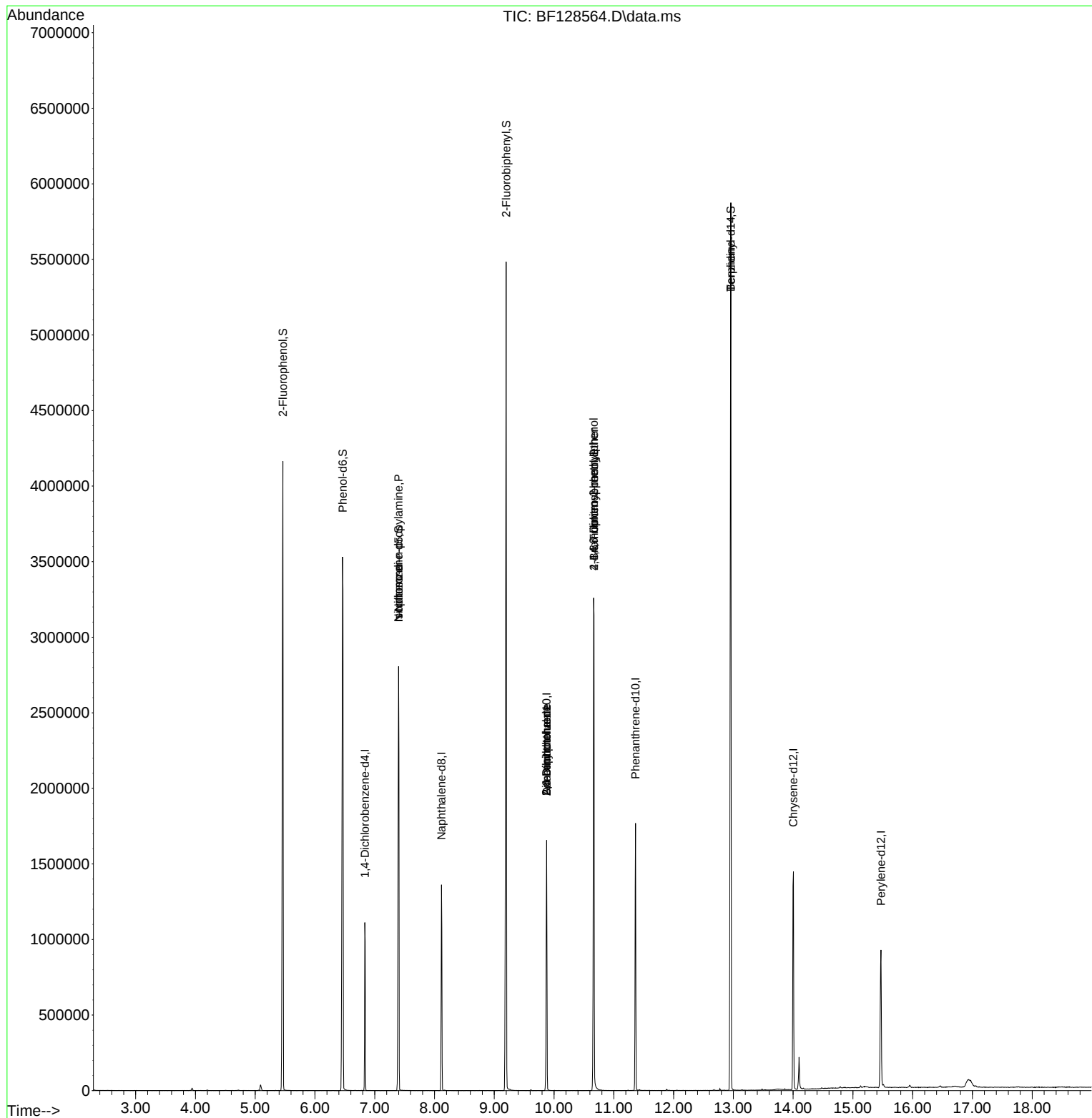
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	152601	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	584983	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	333756	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	620507	20.000	ng	0.00
76) Chrysene-d12	14.004	240	527190	20.000	ng	# 0.00
86) Perylene-d12	15.469	264	438605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1141025	123.852	ng	0.01
7) Phenol-d6	6.463	99	1453994	123.780	ng	0.00
23) Nitrobenzene-d5	7.398	82	1001021	98.716	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	443014	139.453	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1846407	89.879	ng	0.00
79) Terphenyl-d14	12.957	244	2148069	78.719	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	2710	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	139835	19.415	ng	# 79
25) Isophorone	7.398	82	999281	53.419	ng	# 65
50) Dimethylphthalate	9.875	163	59858	2.765	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	43215	10.892	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	43215	9.104	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1053	5.827	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	28671	4.472	ng	# 1
77) Benzidine	12.957	184	31213	2.567	ng	# 94

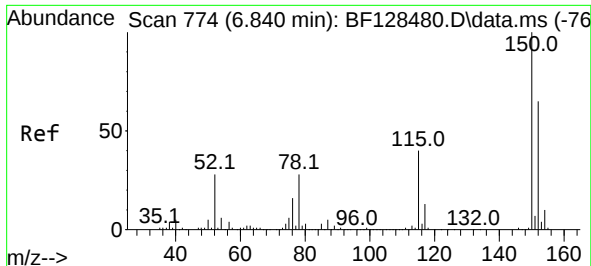
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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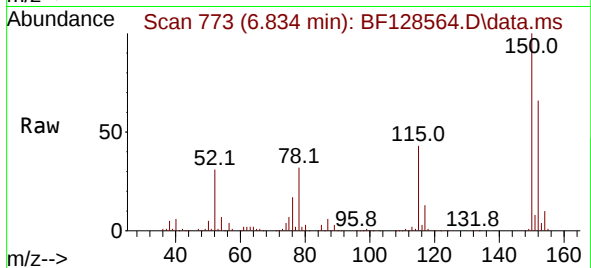
Quant Time: May 30 00:50:04 2022
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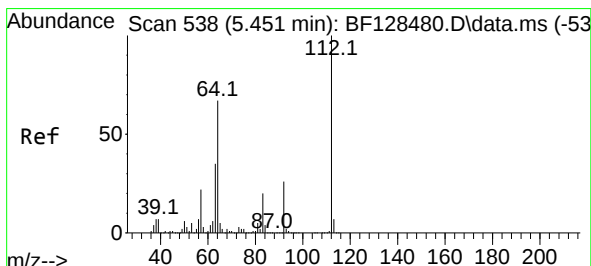
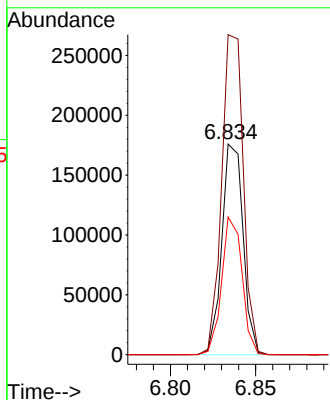
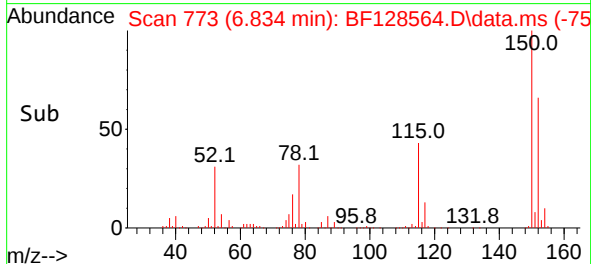


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Instrument :
BNA_F
ClientSampleId :
PB145191BL

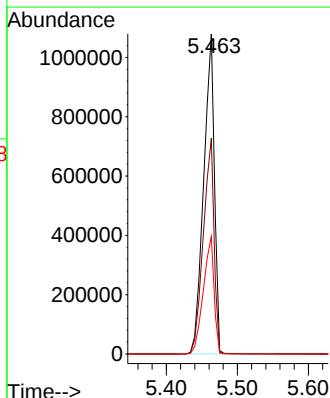
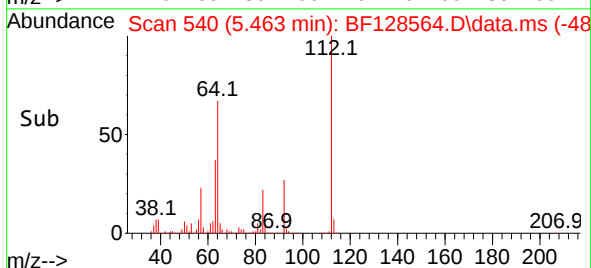
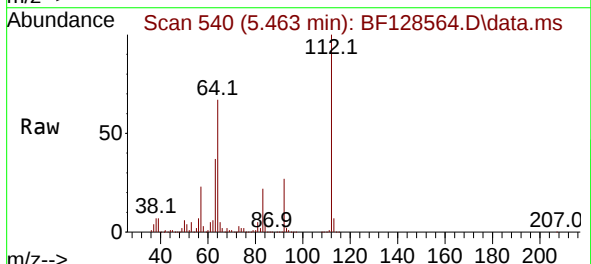


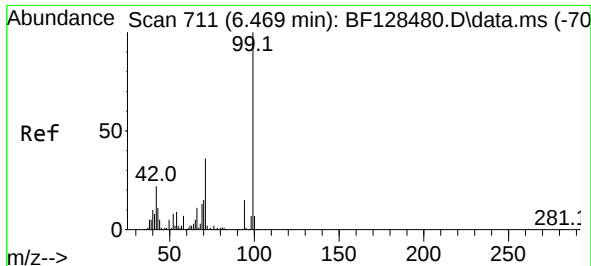
Tgt Ion:152 Resp: 152601
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 123.852 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:112 Resp: 1141025
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 36.7 28.0 42.0

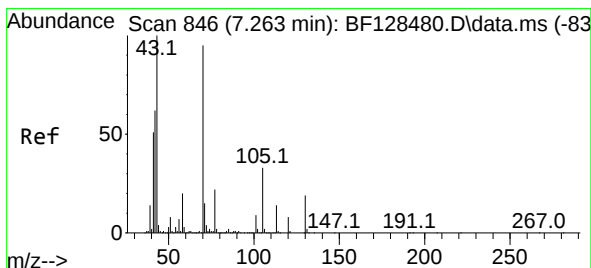
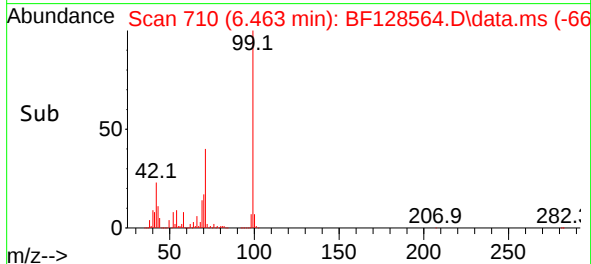
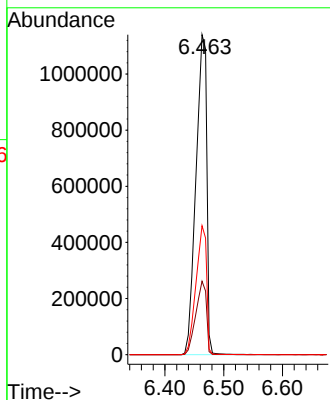
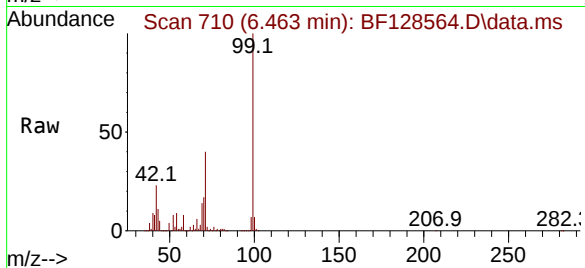




#7
Phenol-d6
Concen: 123.780 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

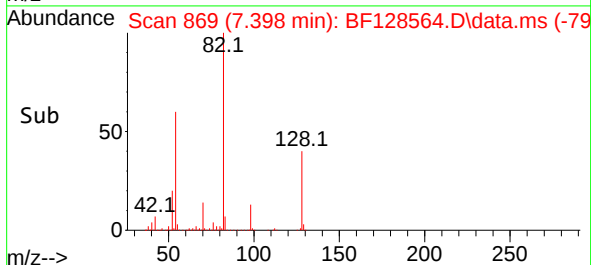
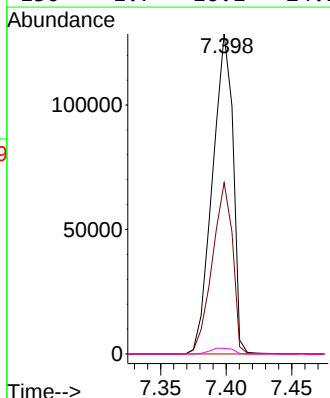
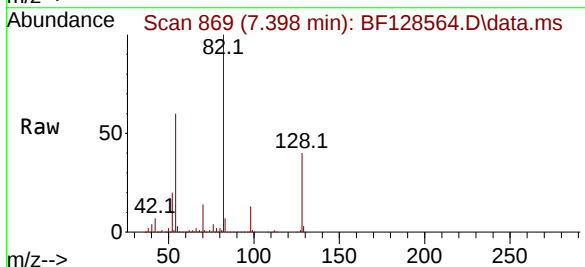
Instrument :
BNA_F
ClientSampleId :
PB145191BL

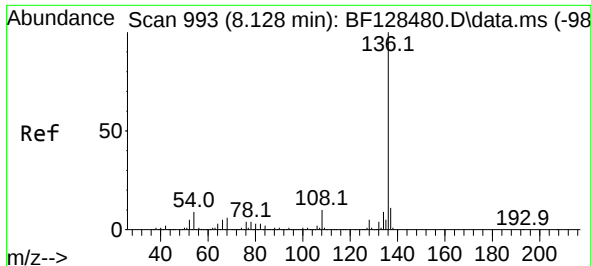
Tgt Ion: 99 Resp: 1453994
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 40.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.415 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion: 70 Resp: 139835
Ion Ratio Lower Upper
70 100
42 53.5 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

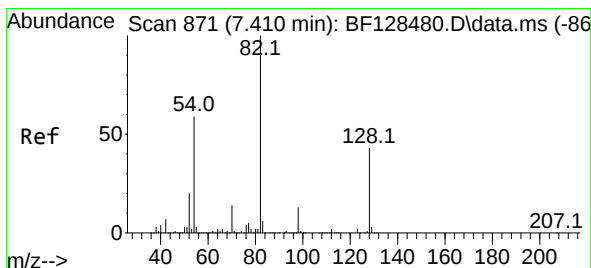
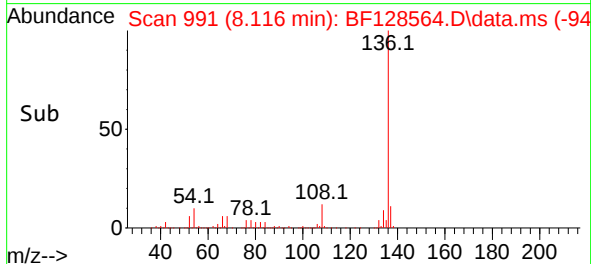
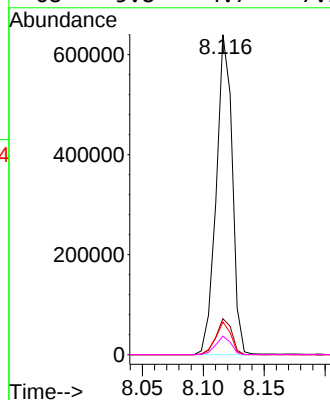
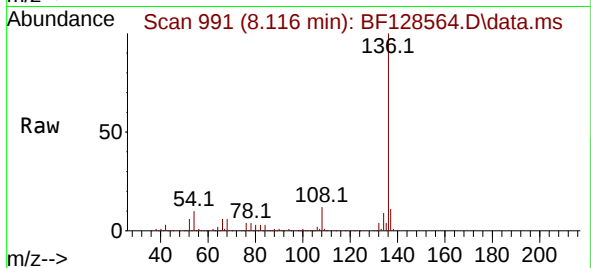




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

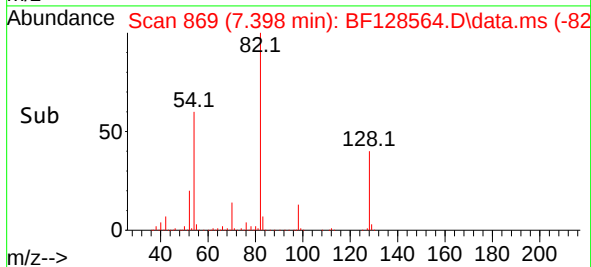
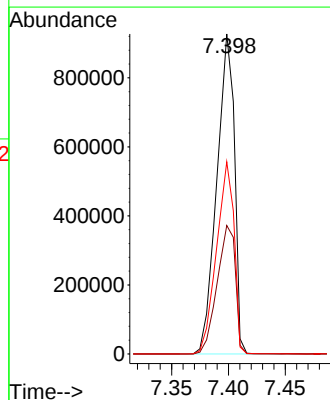
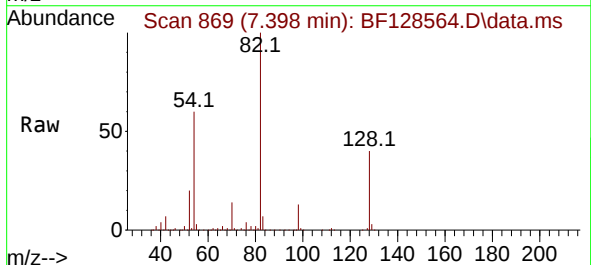
Instrument :
BNA_F
ClientSampleId :
PB145191BL

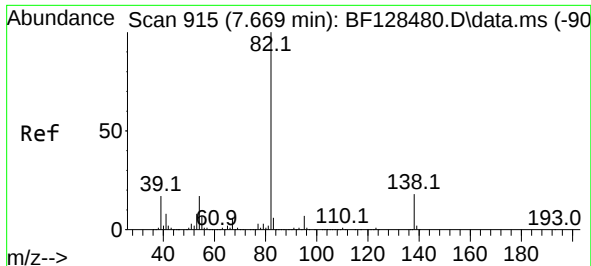
Tgt	Ion:136	Resp:	584983
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.2	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 98.716 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion: 82		Resp: 1001021	
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	60.0	46.9	70.3

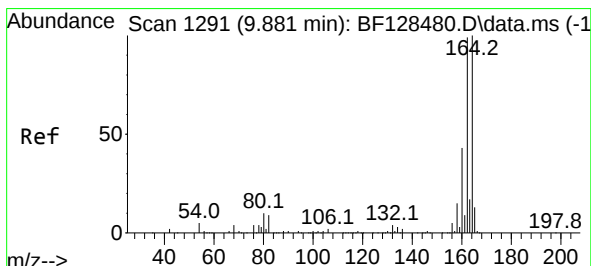
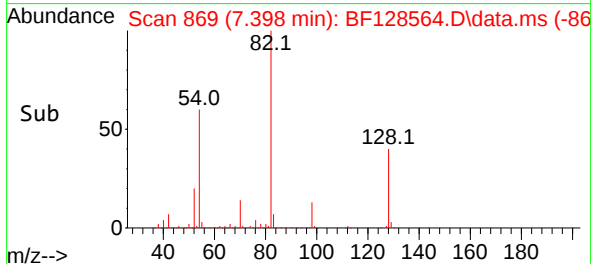
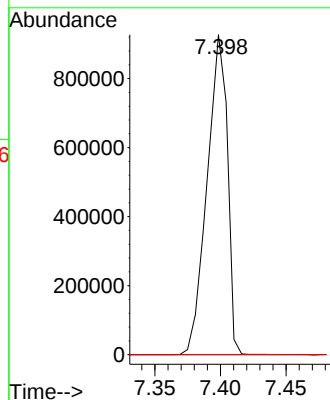
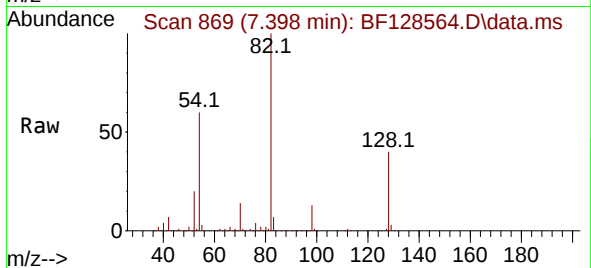




#25
Isophorone
Concen: 53.419 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

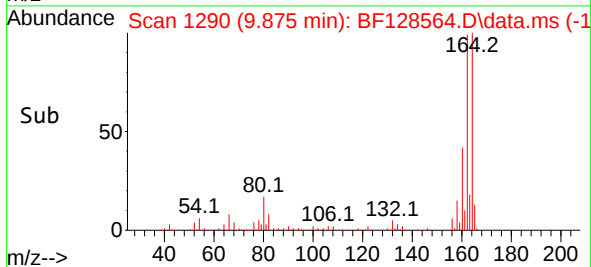
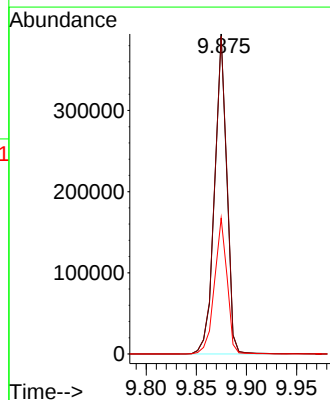
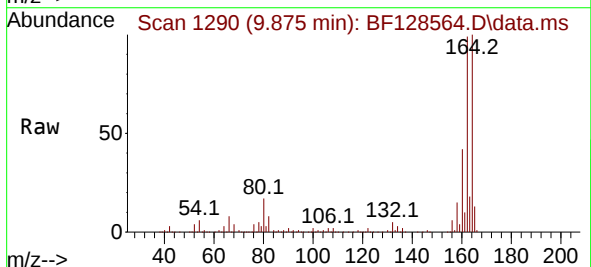
Instrument :
BNA_F
ClientSampleId :
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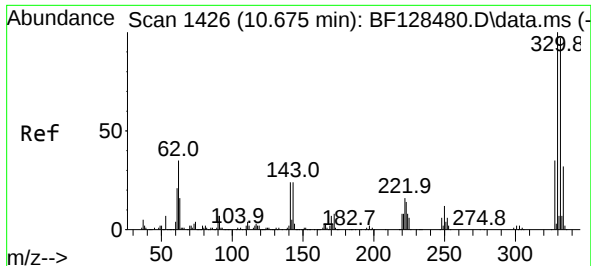
Tgt Ion: 82 Resp: 999281
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:164 Resp: 333756
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 42.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 139.453 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB145191BL

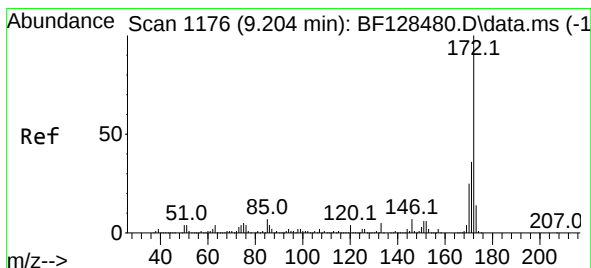
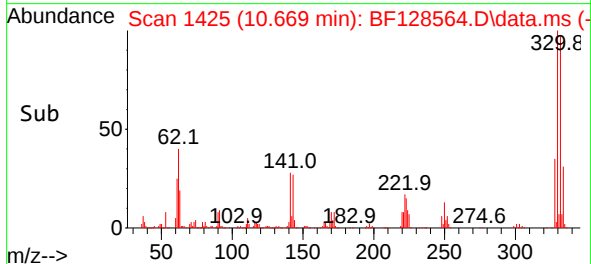
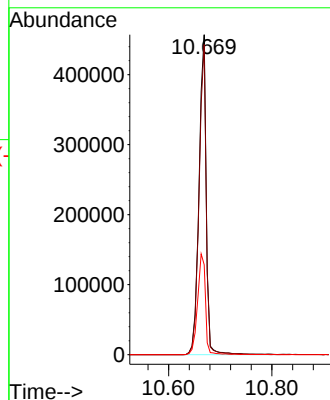
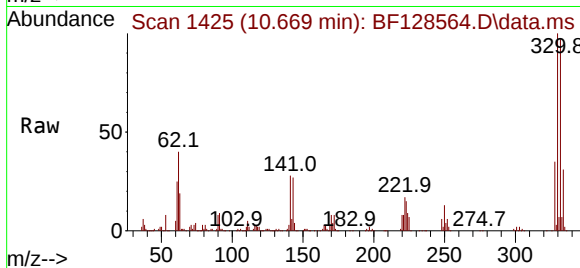
Tgt Ion:330 Resp: 443014

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 89.879 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

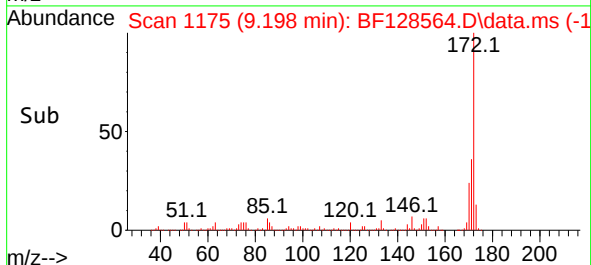
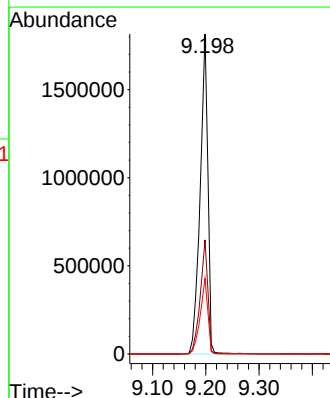
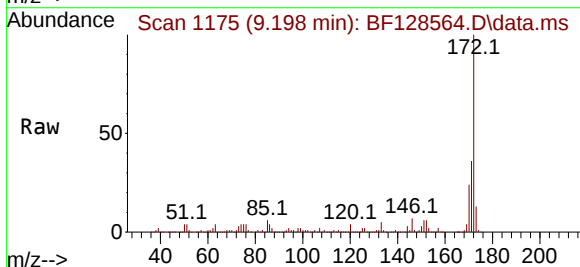
Tgt Ion:172 Resp: 1846407

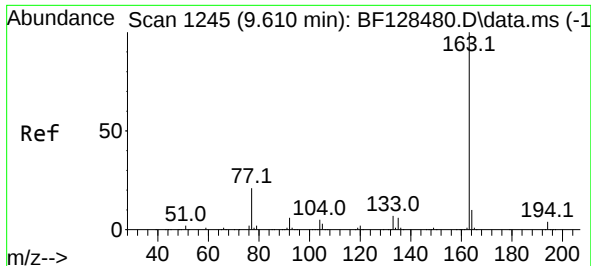
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8

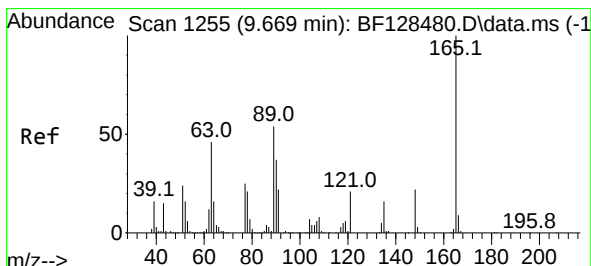
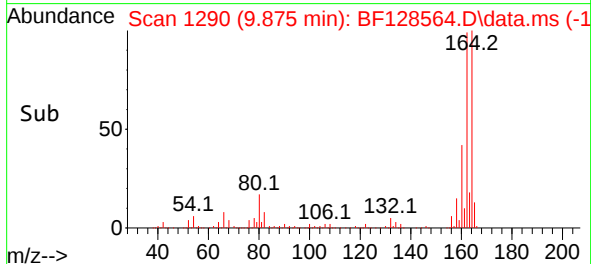
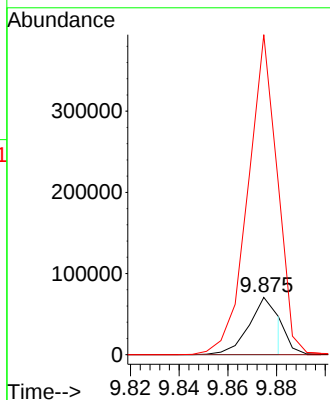
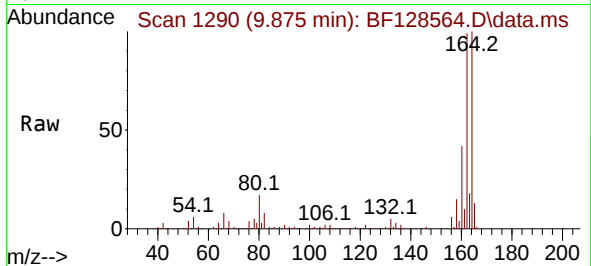




#50
Dimethylphthalate
Concen: 2.765 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

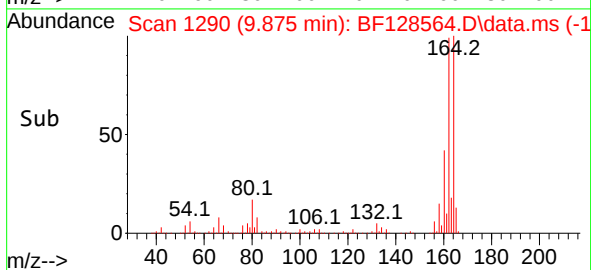
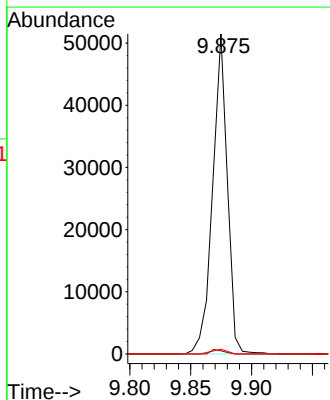
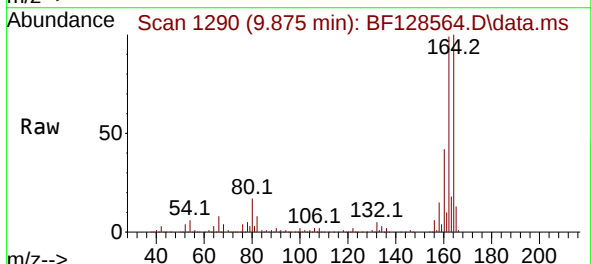
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BNA_F
ClientSampleId :
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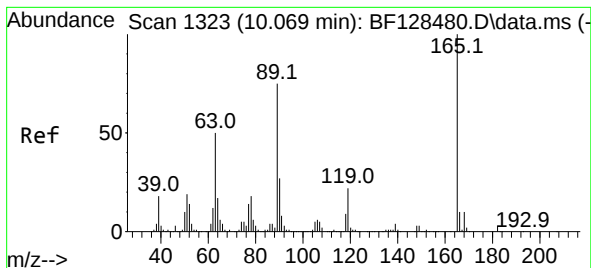
Tgt Ion:163 Resp: 59858
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 558.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.892 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:165 Resp: 43215
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.5 43.6 65.4#





#57

2,4-Dinitrotoluene

Concen: 9.104 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB145191BL

Tgt Ion:165 Resp: 43215

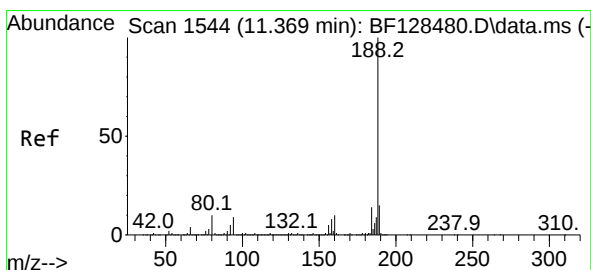
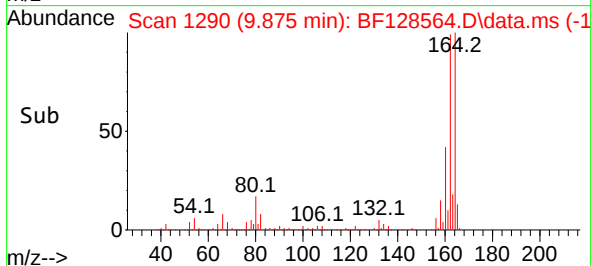
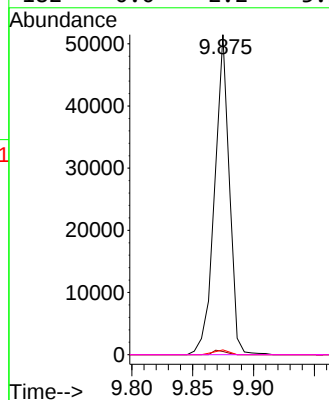
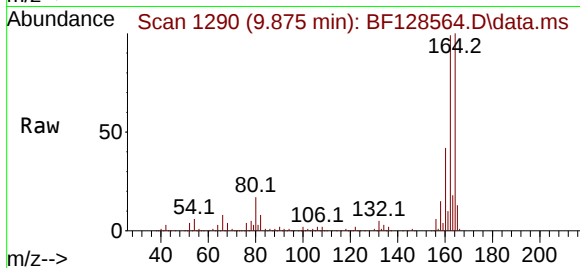
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1543

Delta R.T. -0.006 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

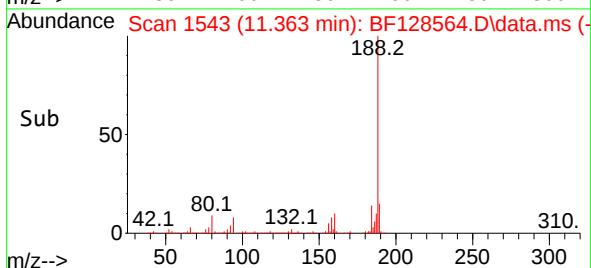
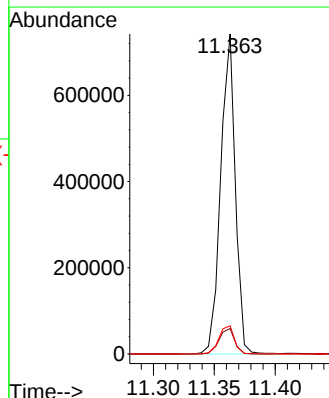
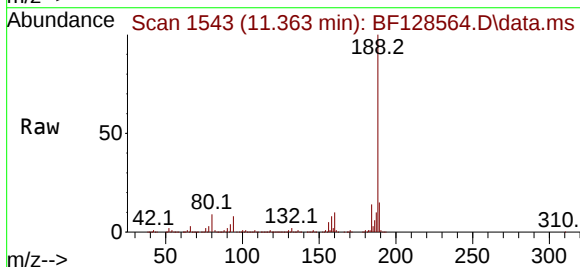
Tgt Ion:188 Resp: 620507

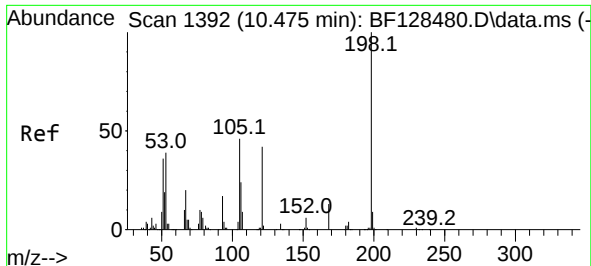
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 8.8 7.6 11.4

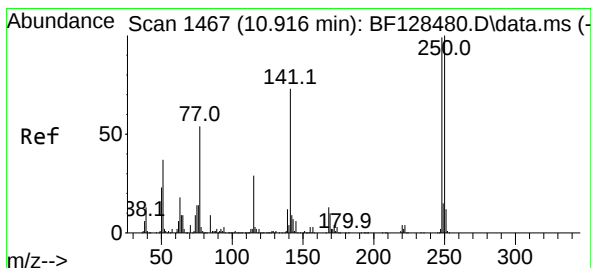
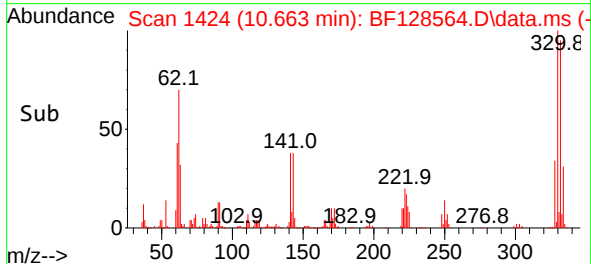
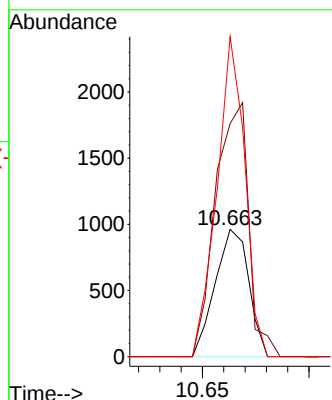
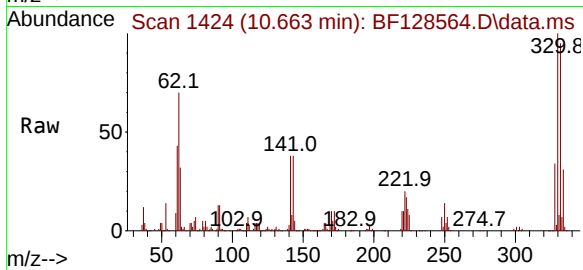




#65
4,6-Dinitro-2-methylphenol
Concen: 5.827 ng
RT: 10.663 min Scan# 141
Delta R.T. 0.188 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

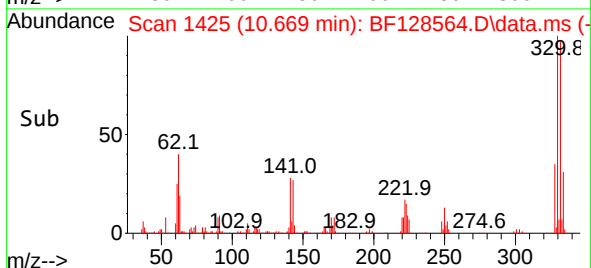
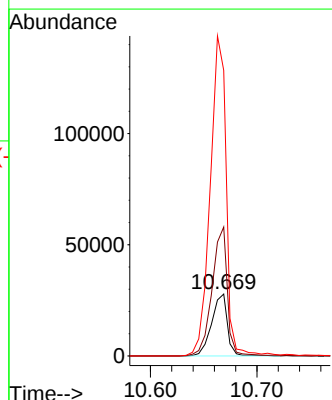
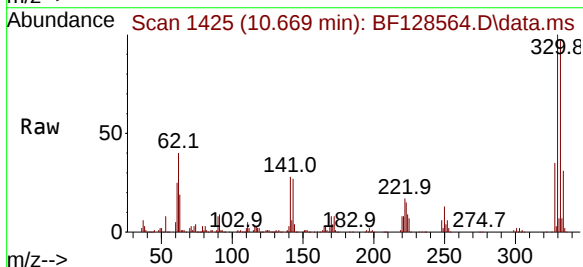
Instrument :
BNA_F
ClientSampleId :
PB145191BL

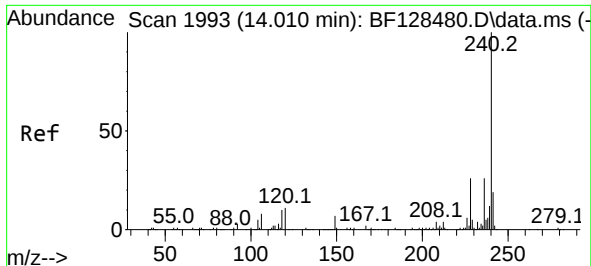
Tgt Ion:198 Resp: 1053
Ion Ratio Lower Upper
198 100
51 183.1 37.6 77.6#
105 251.4 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.472 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:248 Resp: 28671
Ion Ratio Lower Upper
248 100
250 208.0 80.6 120.8#
141 460.9 58.9 88.3#

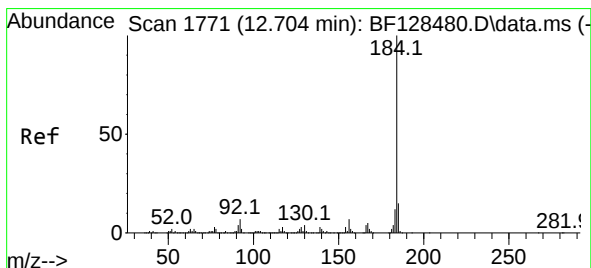
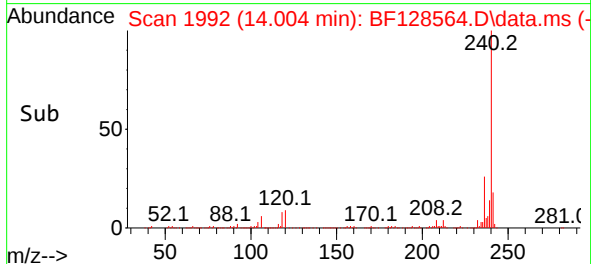
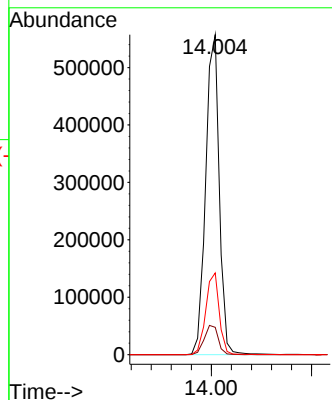
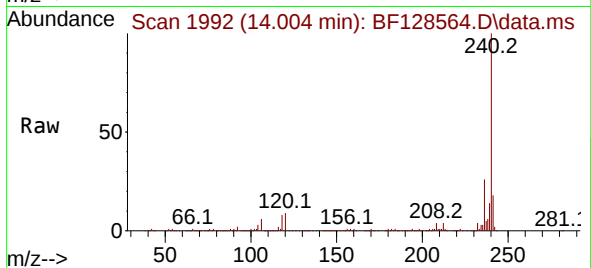




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

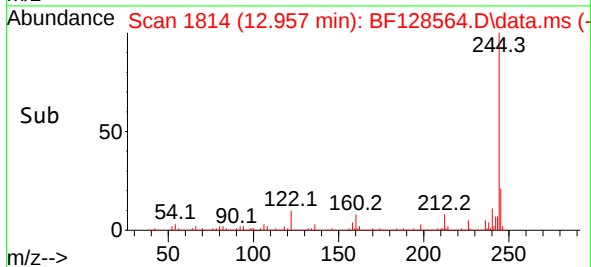
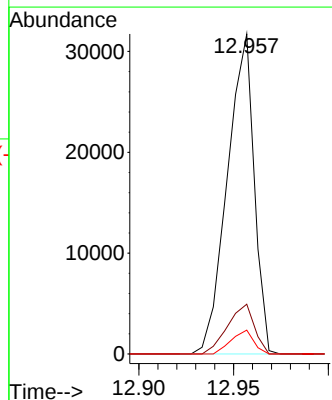
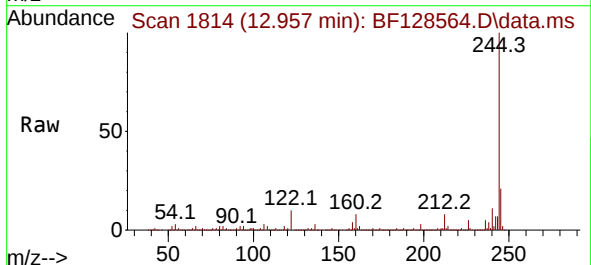
Instrument :
BNA_F
ClientSampleId :
PB145191BL

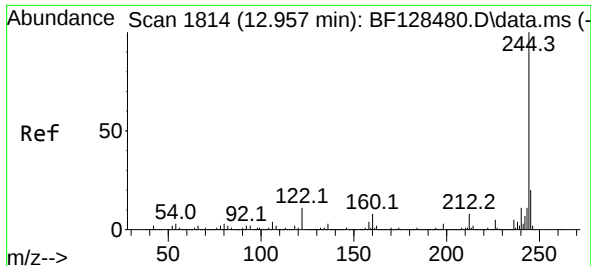
Tgt Ion:240 Resp: 527190
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.567 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:184 Resp: 31213
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 7.5 9.3 13.9#

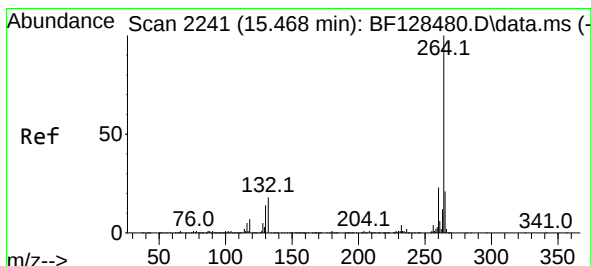
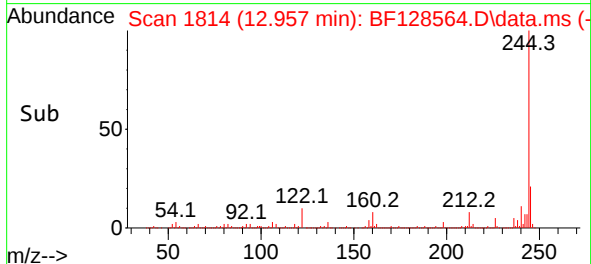
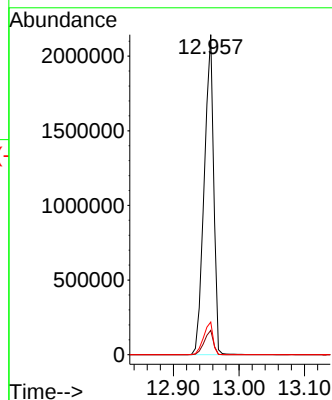
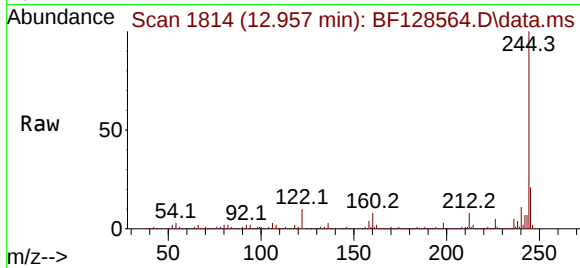




#79
 Terphenyl-d14
 Concen: 78.719 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128564.D
 Acq: 29 May 2022 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB145191BL

Tgt Ion:244 Resp: 2148069
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.469 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF128564.D
 Acq: 29 May 2022 11:36

Tgt Ion:264 Resp: 438605
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.5 17.2 25.8

