

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128618.D
 Acq On : 01 Jun 2022 11:49
 Operator : CG\JU
 Sample : PB145218BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145218BL

Quant Time: Jun 02 04:34:39 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)

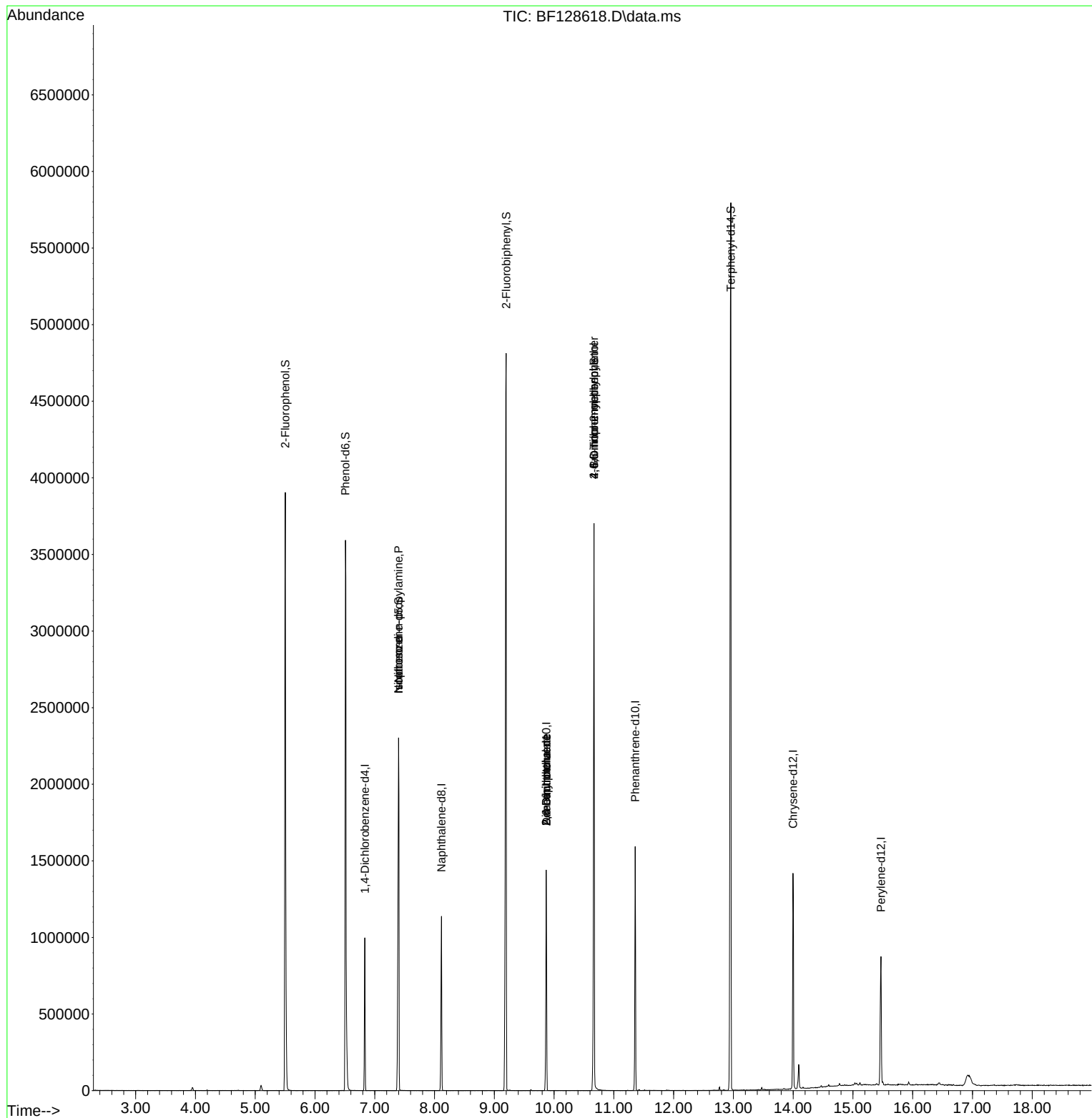
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	126064	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	489802	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	295816	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	572089	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	480657	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	387518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1001279	131.562	ng	0.05
7) Phenol-d6	6.510	99	1275358	131.428	ng	0.04
23) Nitrobenzene-d5	7.398	82	914004	107.650	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	450509	160.001	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1769037	97.157	ng	0.00
79) Terphenyl-d14	12.957	244	2236987	89.914	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	2665	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	130838	21.990	ng	# 79
25) Isophorone	7.398	82	911274	58.181	ng	# 65
50) Dimethylphthalate	9.869	163	52739	2.748	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	38051	10.820	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	38051	9.044	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1151	5.887	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	29789	5.040	ng	# 1

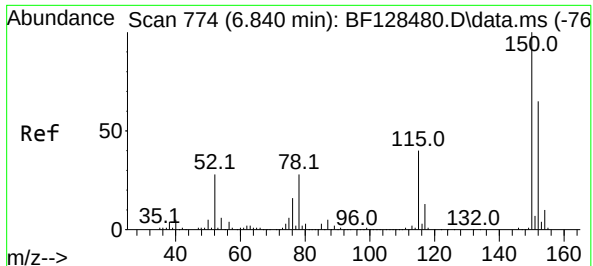
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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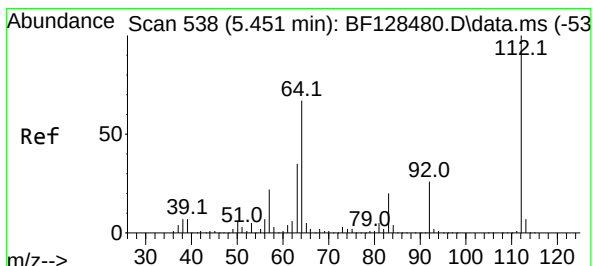
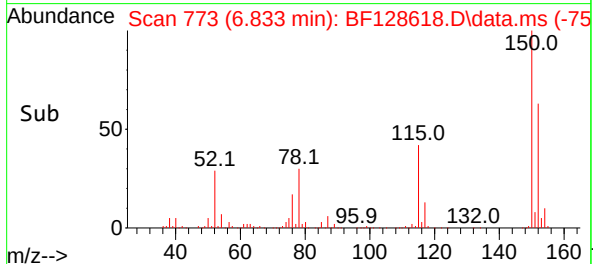
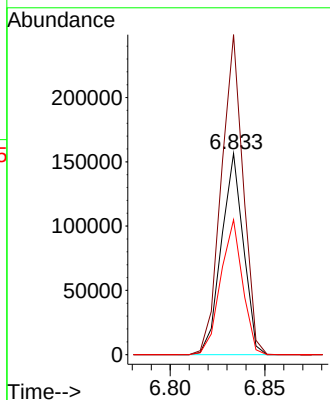
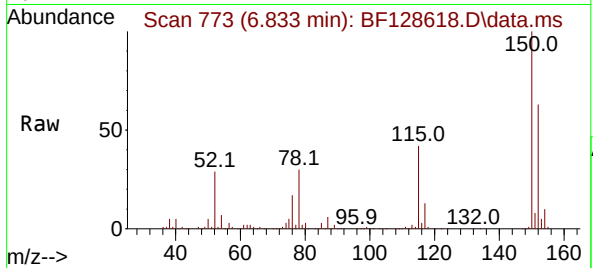




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

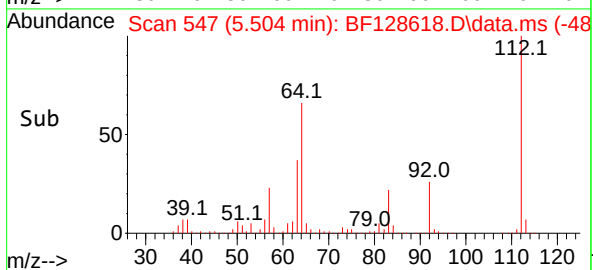
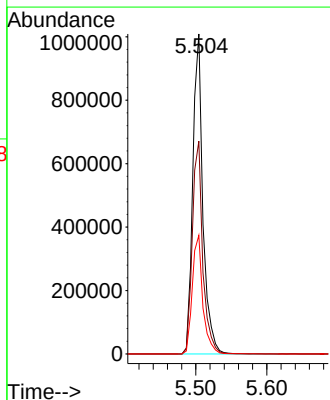
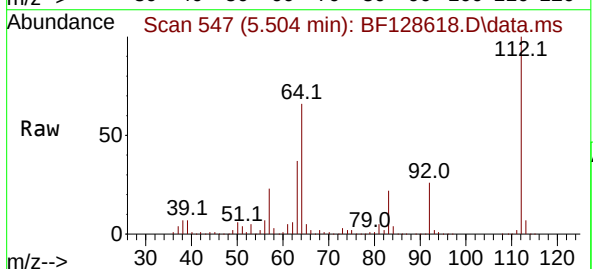
Instrument :
BNA_F
ClientSampleId :
PB145218BL

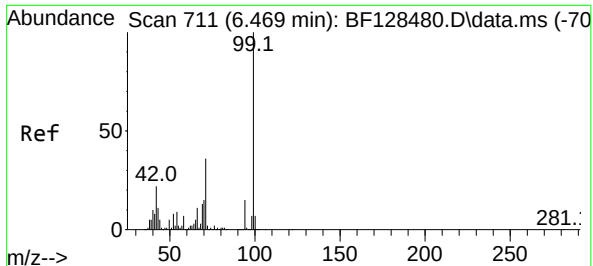
Tgt Ion:152 Resp: 126064
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 67.0 49.9 74.9



#5
2-Fluorophenol
Concen: 131.562 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.053 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

Tgt Ion:112 Resp: 1001279
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 37.0 28.0 42.0

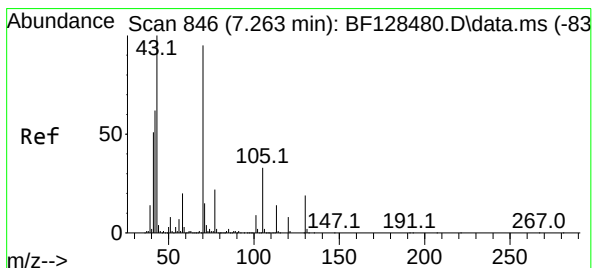
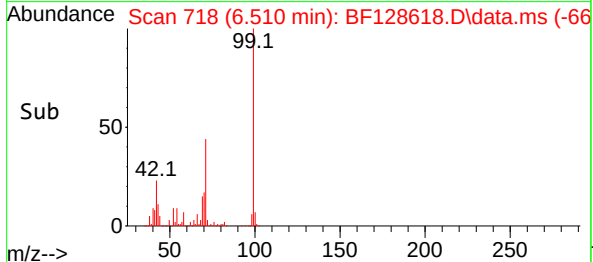
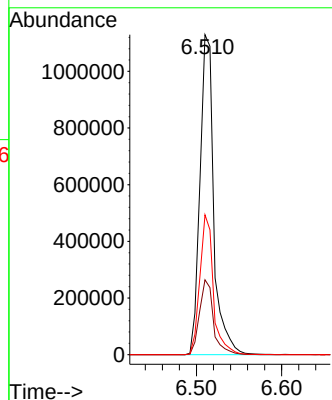
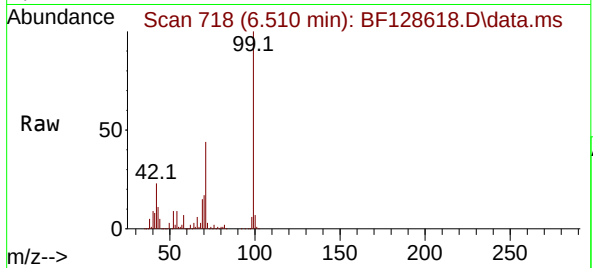




#7
Phenol-d6
Concen: 131.428 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.041 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

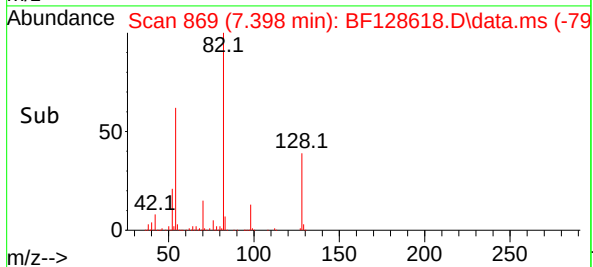
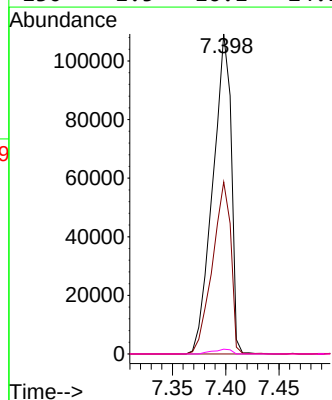
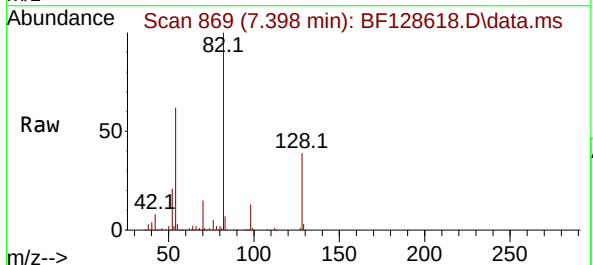
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ClientSampleId :
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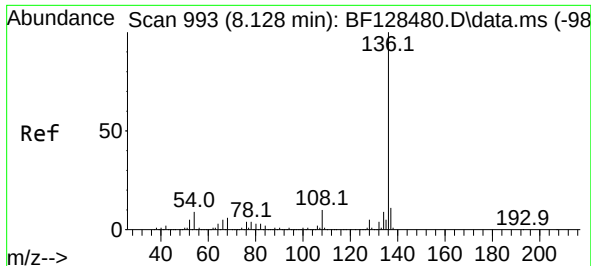
Tgt Ion: 99 Resp: 1275358
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 43.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.990 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

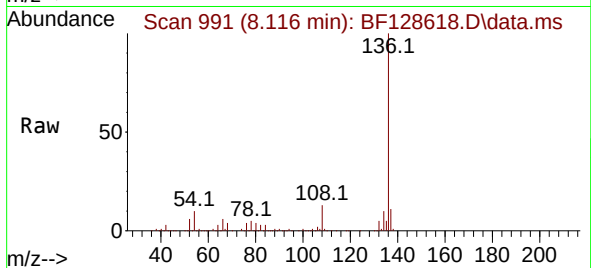
Tgt Ion: 70 Resp: 130838
Ion Ratio Lower Upper
70 100
42 53.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#



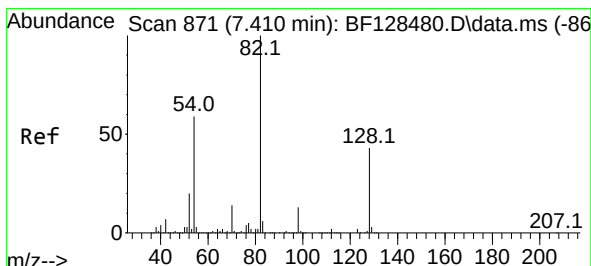
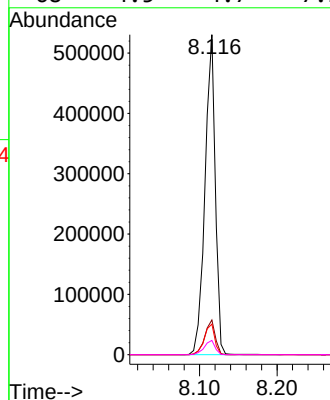
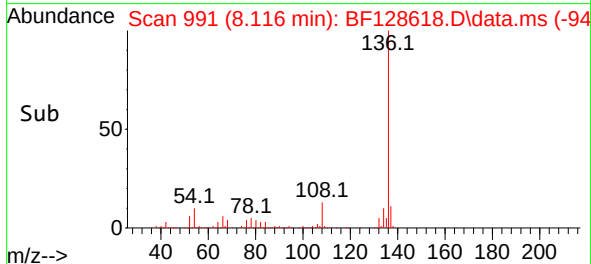


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

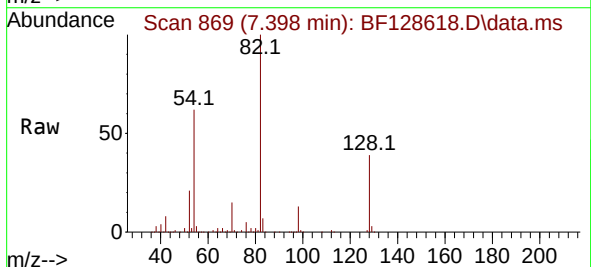
Instrument :
BNA_F
ClientSampleId :
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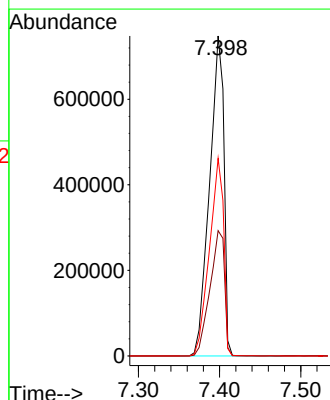
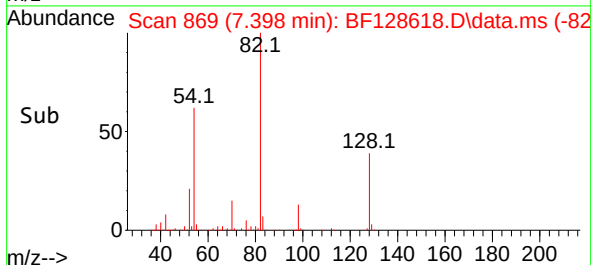
Tgt Ion:136 Resp: 489802
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.6 7.5 11.3
68 4.5 4.7 7.1#

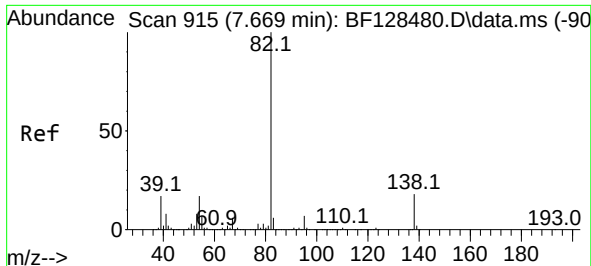


#23
Nitrobenzene-d5
Concen: 107.650 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49



Tgt Ion: 82 Resp: 914004
Ion Ratio Lower Upper
82 100
128 39.2 34.0 51.0
54 61.7 46.9 70.3

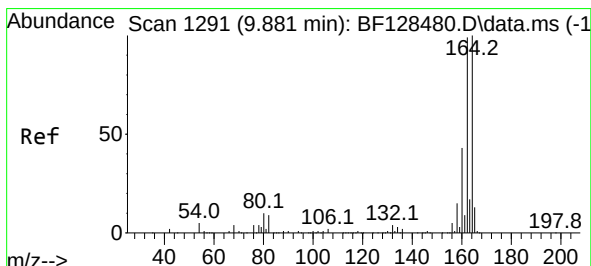
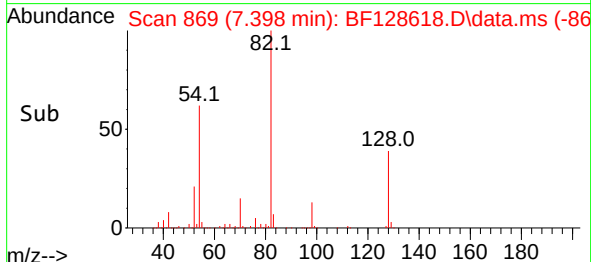
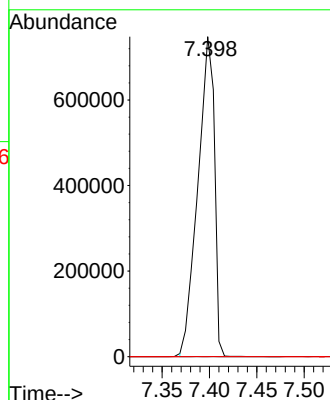
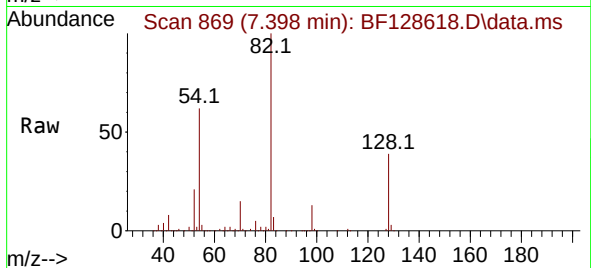




#25
Isophorone
Concen: 58.181 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

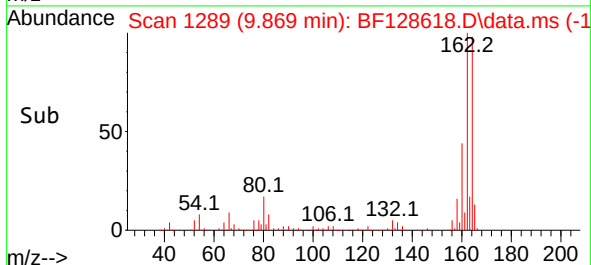
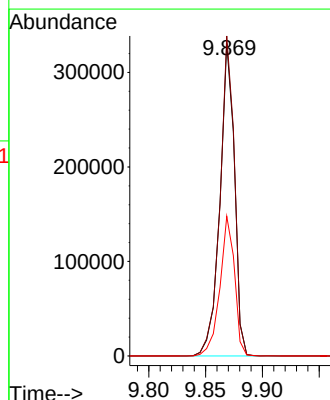
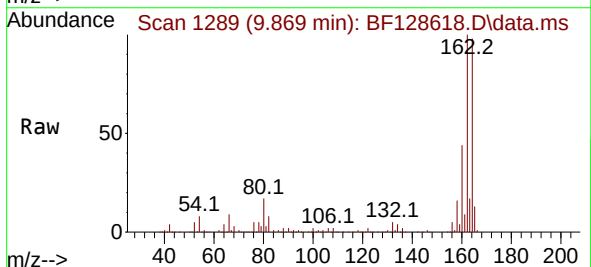
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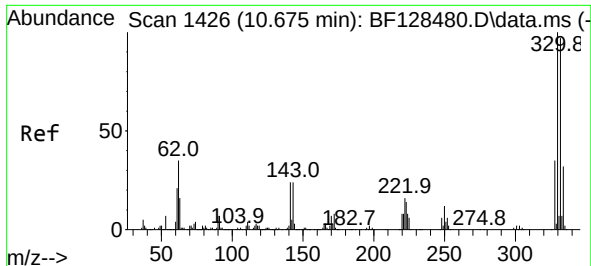
Tgt Ion: 82 Resp: 911274
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

Tgt Ion: 164 Resp: 295816
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.7 34.2 51.4

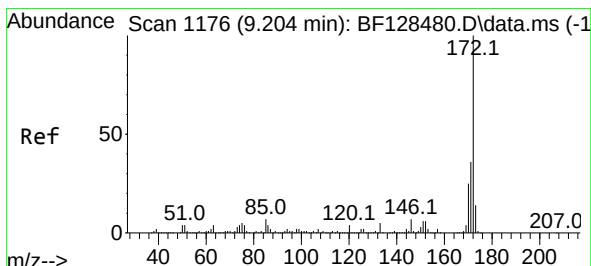
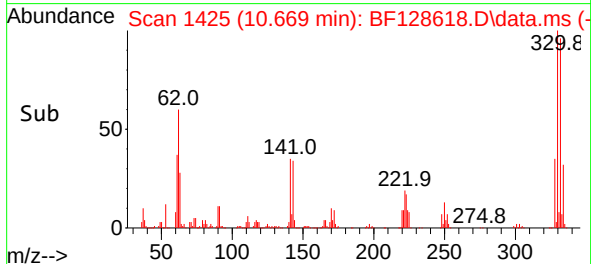
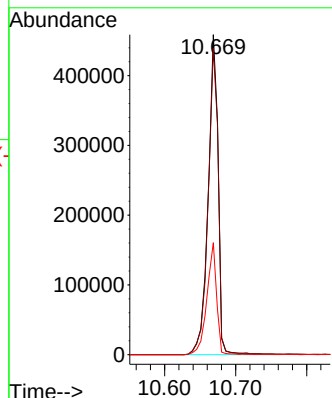
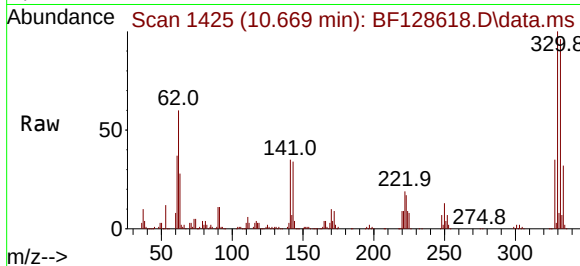




#42
 2,4,6-Tribromophenol
 Concen: 160.001 ng
 RT: 10.669 min Scan# 1426
 Delta R.T. -0.006 min
 Lab File: BF128618.D
 Acq: 01 Jun 2022 11:49

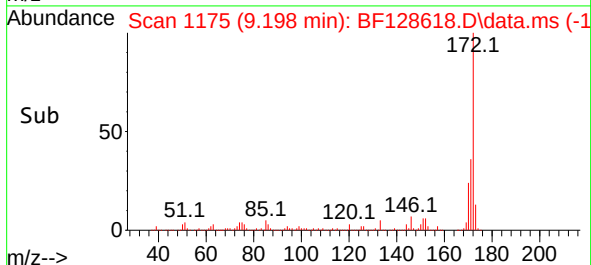
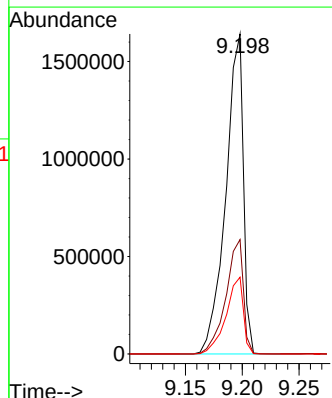
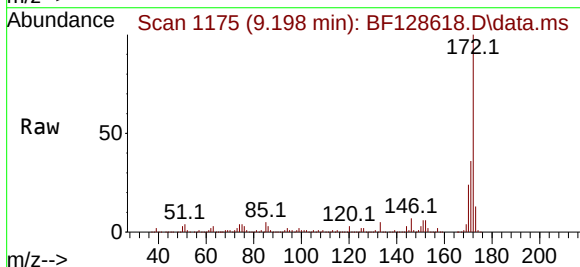
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 ClientSampleId :
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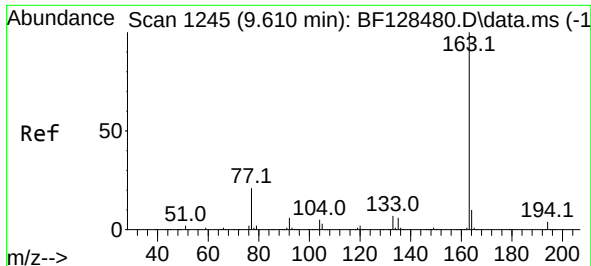
Tgt Ion:330 Resp: 450509
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 34.1 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 97.157 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128618.D
 Acq: 01 Jun 2022 11:49

Tgt Ion:172 Resp: 1769037
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 24.0 19.8 29.8

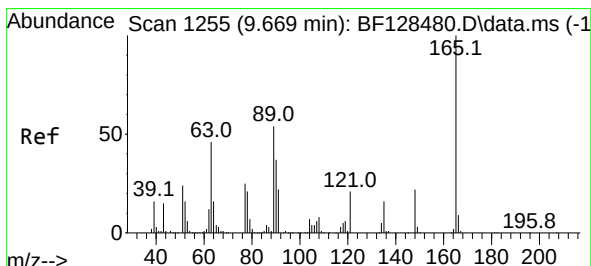
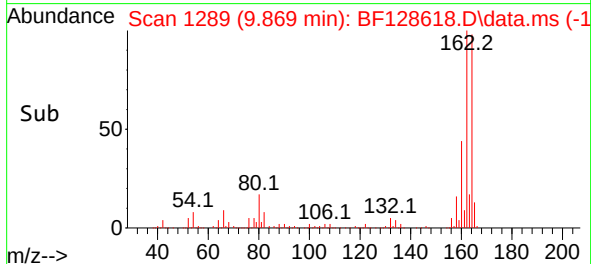
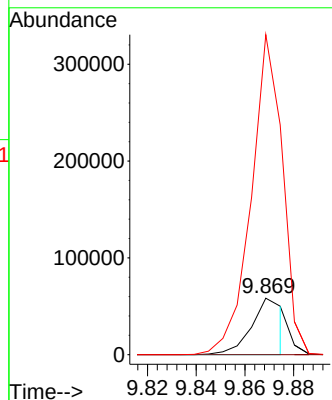
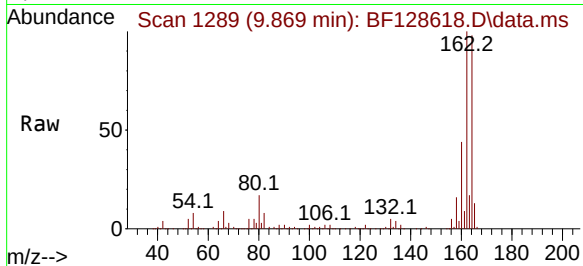




#50
 Dimethylphthalate
 Concen: 2.748 ng
 RT: 9.869 min Scan# 1289
 Delta R.T. 0.259 min
 Lab File: BF128618.D
 Acq: 01 Jun 2022 11:49

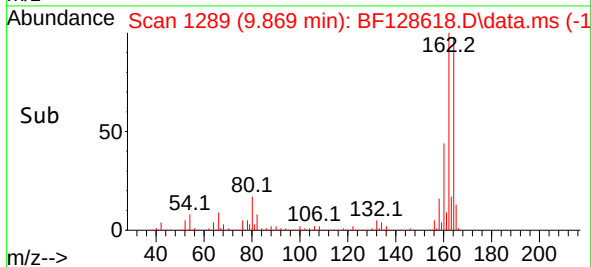
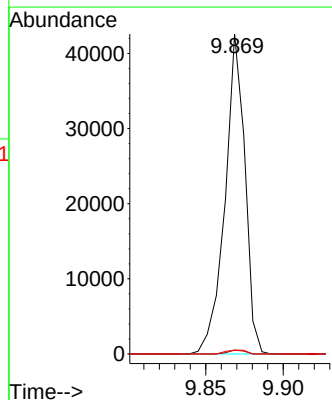
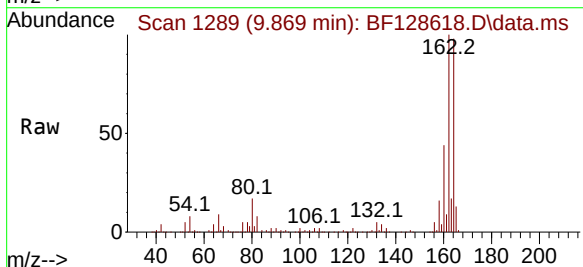
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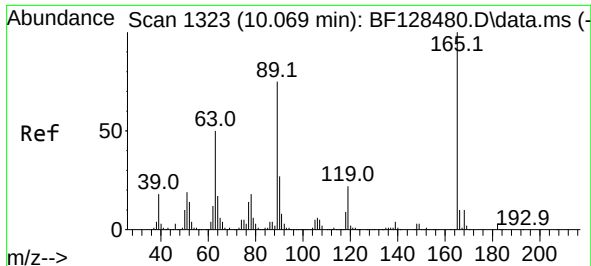
Tgt Ion:163 Resp: 52739
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.2 4.8#
 164 565.8 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 10.820 ng
 RT: 9.869 min Scan# 1289
 Delta R.T. 0.200 min
 Lab File: BF128618.D
 Acq: 01 Jun 2022 11:49

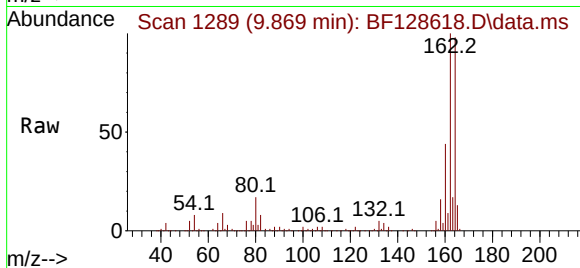
Tgt Ion:165 Resp: 38051
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.9 67.3#
 89 1.2 43.6 65.4#



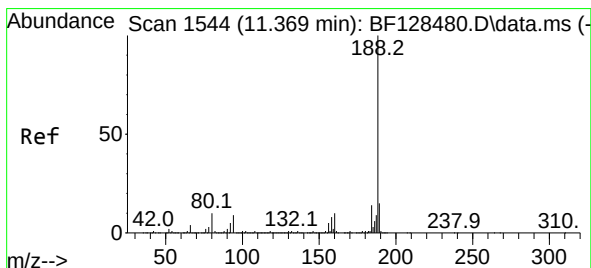
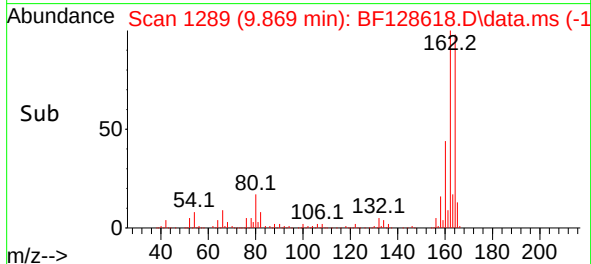
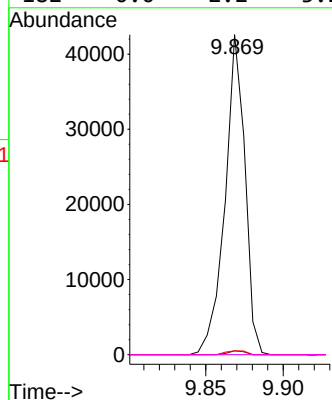


#57
2,4-Dinitrotoluene
Concen: 9.044 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

Instrument :
BNA_F
ClientSampleId :
PB145218BL

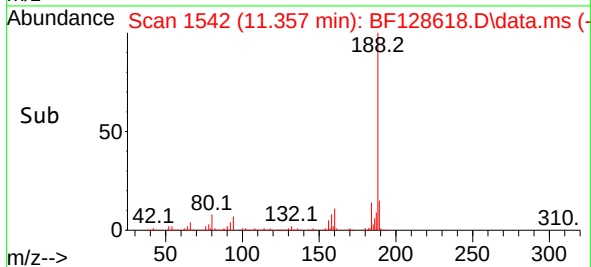
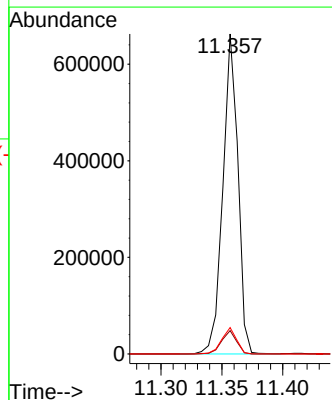
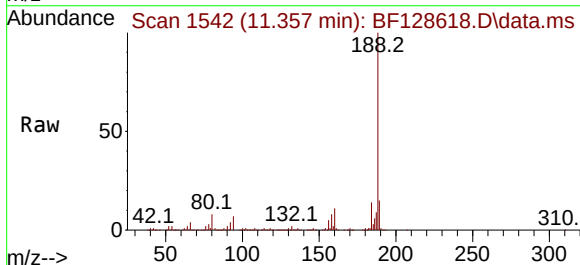


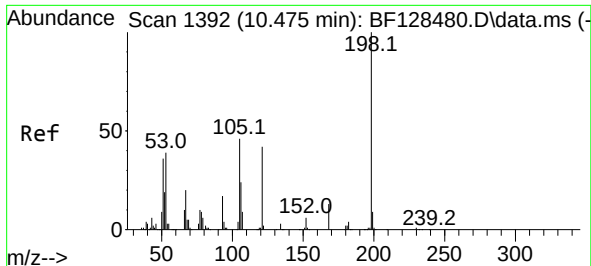
Tgt Ion:165 Resp: 38051
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

Tgt Ion:188 Resp: 572089
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.3 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.887 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.194 min

Lab File: BF128618.D

Acq: 01 Jun 2022 11:49

Instrument :

BNA_F

ClientSampleId :

PB145218BL

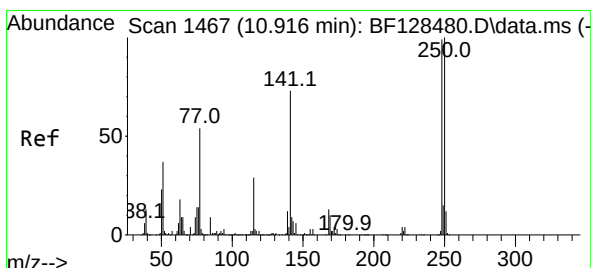
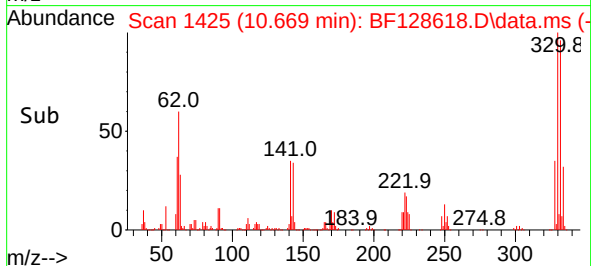
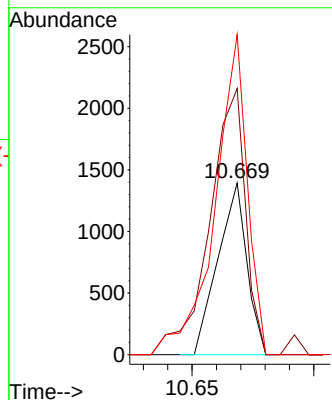
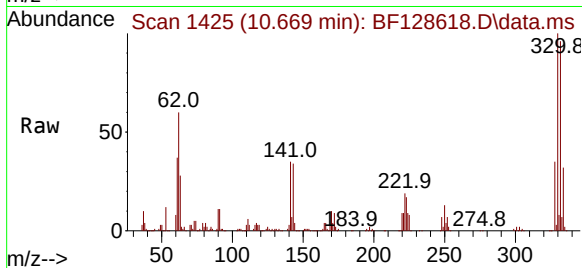
Tgt Ion:198 Resp: 1151

Ion Ratio Lower Upper

198 100

51 155.1 37.6 77.6#

105 186.4 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 5.040 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.247 min

Lab File: BF128618.D

Acq: 01 Jun 2022 11:49

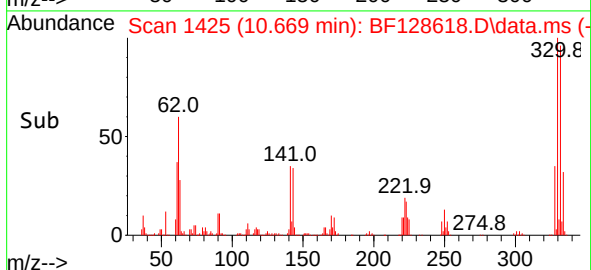
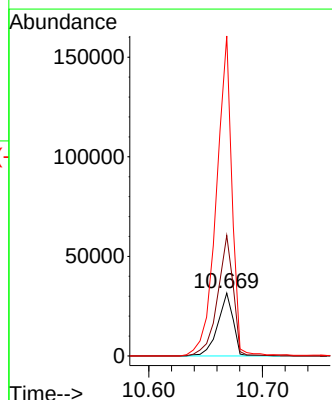
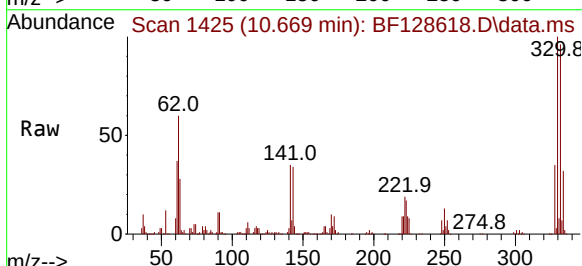
Tgt Ion:248 Resp: 29789

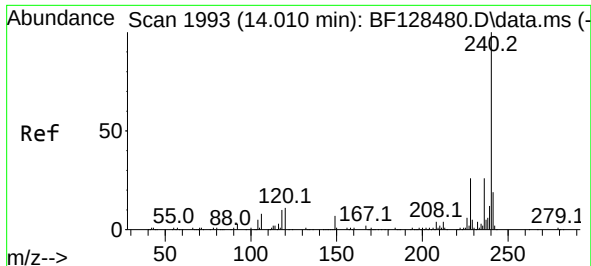
Ion Ratio Lower Upper

248 100

250 191.6 80.6 120.8#

141 508.6 58.9 88.3#

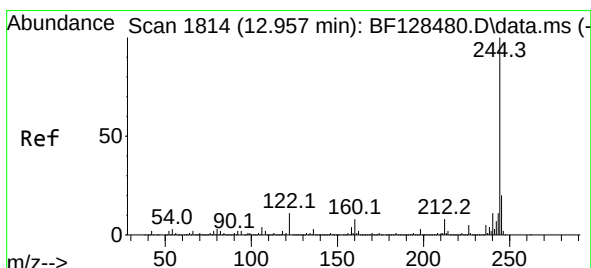
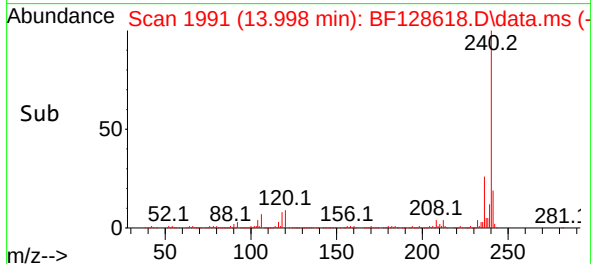
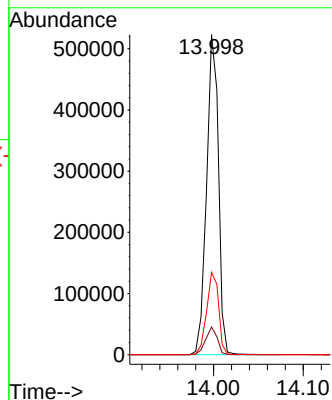
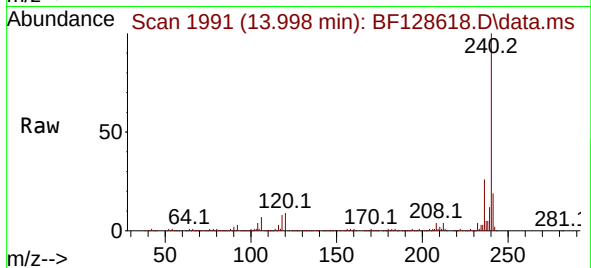




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

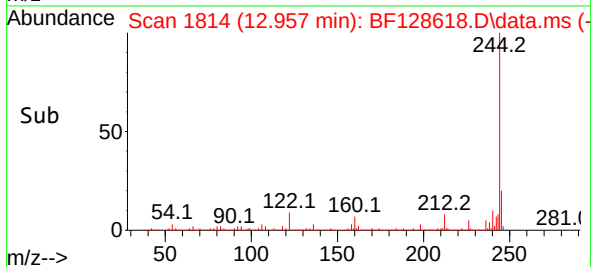
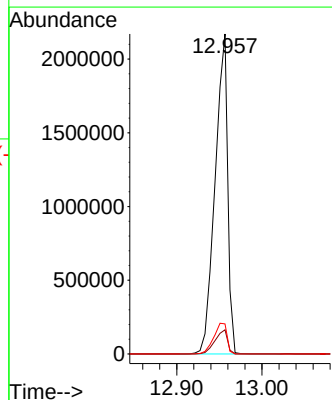
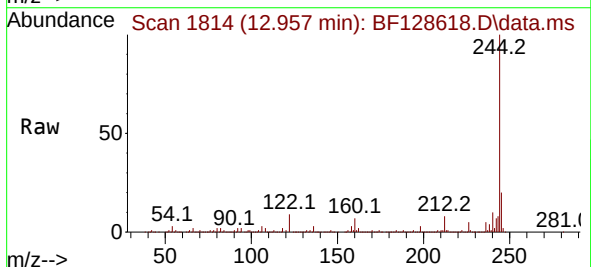
Instrument :
BNA_F
ClientSampleId :
PB145218BL

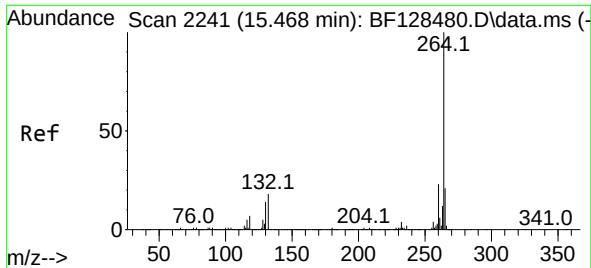
Tgt Ion:240 Resp: 480657
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 89.914 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

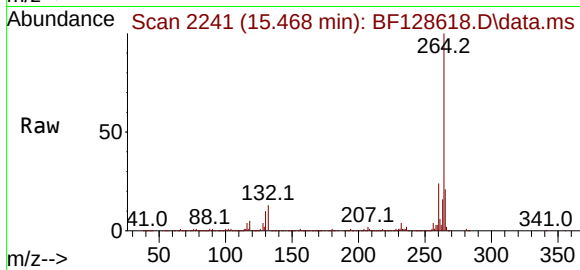
Tgt Ion:244 Resp: 2236987
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128618.D
Acq: 01 Jun 2022 11:49

Instrument :
BNA_F
ClientSampleId :
PB145218BL



Tgt Ion:264 Resp: 387518

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.1	17.2	25.8

