

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128668.D
 Acq On : 03 Jun 2022 06:06
 Operator : CG\JU
 Sample : N2986-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P027-SS001-0612-01

Quant Time: Jun 03 06:26:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

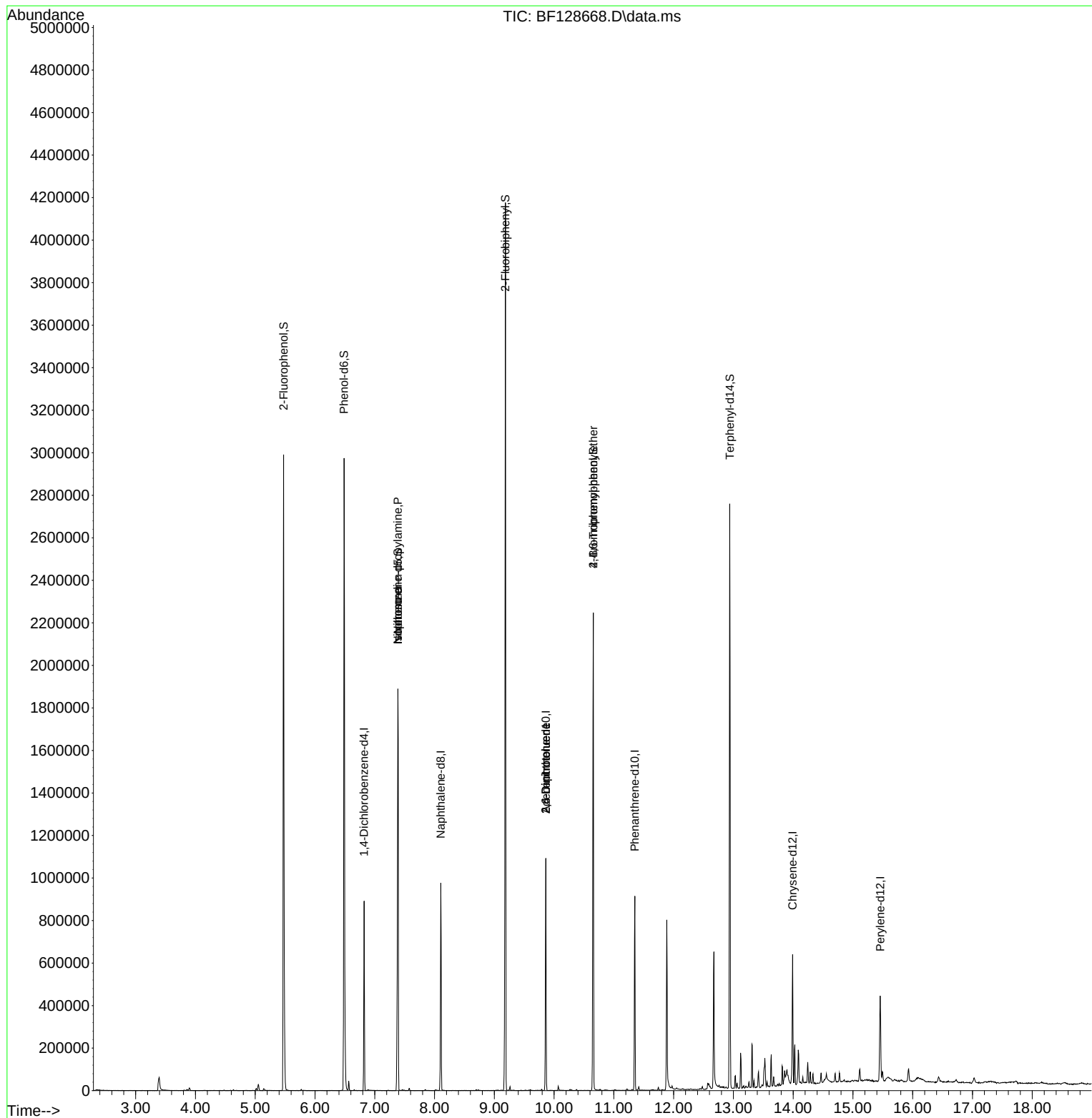
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	101919	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	378213	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	196266	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	305223	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	193346	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	178235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	678080	105.973	ng	0.00
7) Phenol-d6	6.487	99	868315	111.171	ng	-0.01
23) Nitrobenzene-d5	7.386	82	627709	77.272	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	229735	99.067	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1130511	80.687	ng	0.00
79) Terphenyl-d14	12.939	244	851241	76.503	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	92685	19.086	ng	# 83
25) Isophorone	7.386	82	626453	50.776	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	24886	9.386	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	24886	7.033	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	15265	4.485	ng	# 1

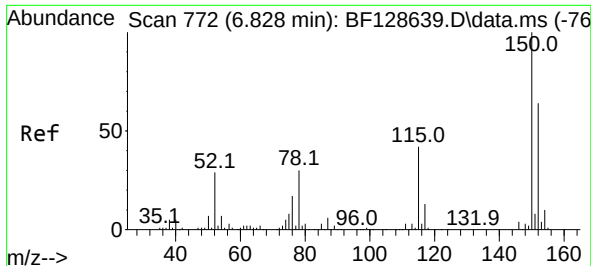
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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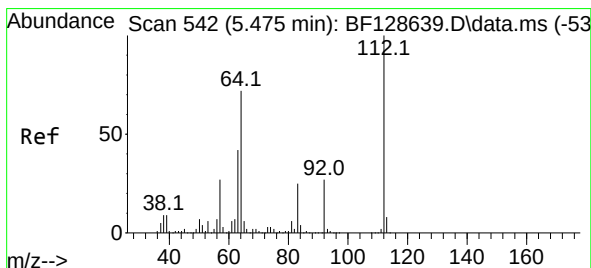
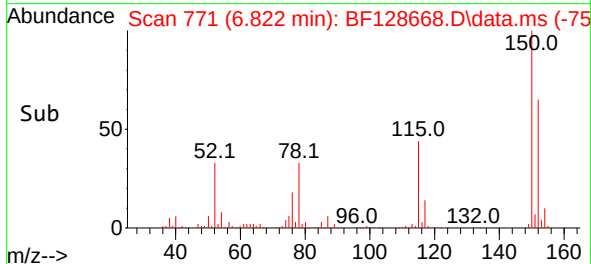
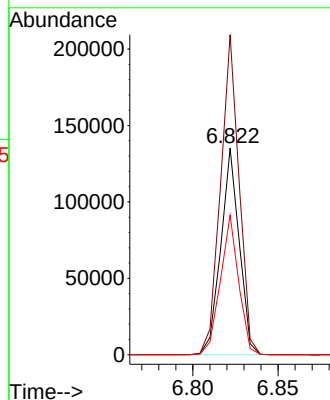
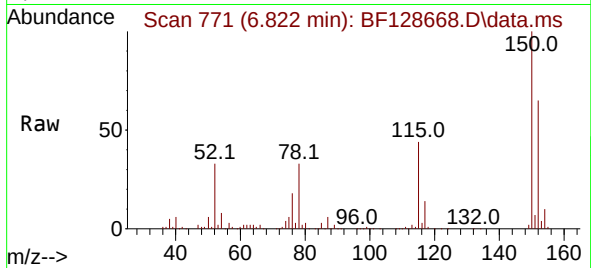




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

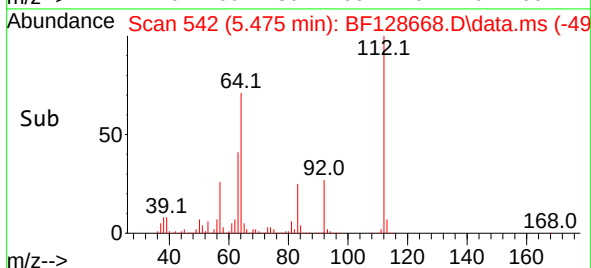
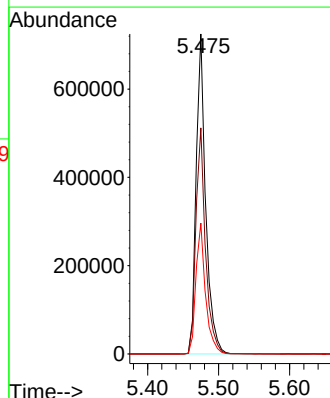
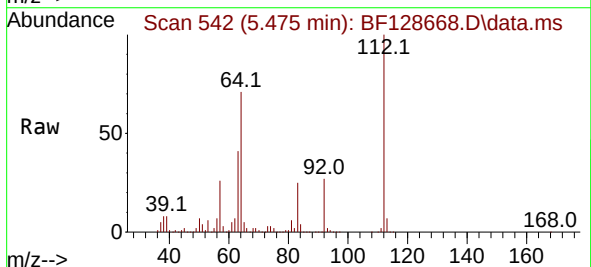
Instrument :
BNA_F
ClientSampleId :
P027-SS001-0612-01

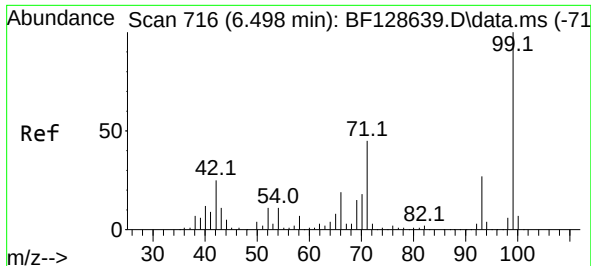
Tgt Ion:152 Resp: 101919
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 67.5 49.9 74.9



#5
2-Fluorophenol
Concen: 105.973 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Tgt Ion:112 Resp: 678080
Ion Ratio Lower Upper
112 100
64 70.6 53.3 79.9
63 40.9 28.0 42.0

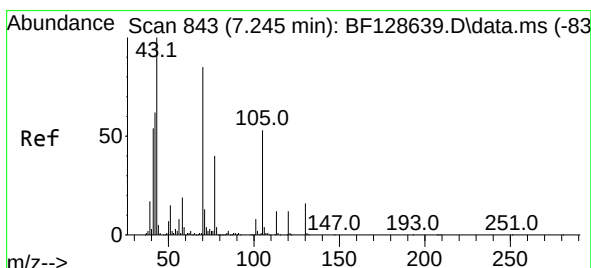
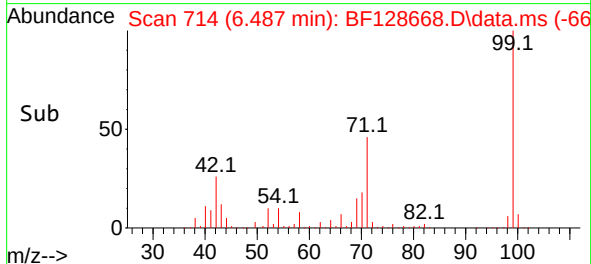
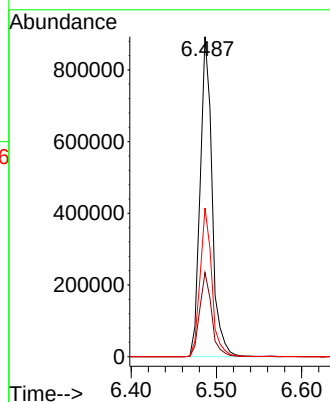
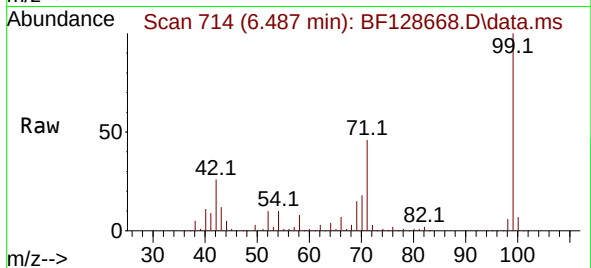




#7
Phenol-d6
Concen: 111.171 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

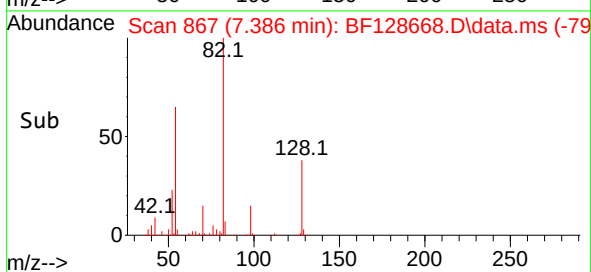
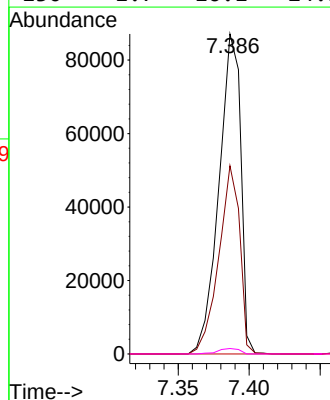
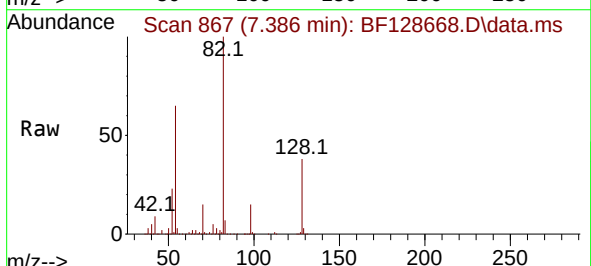
Instrument :
BNA_F
ClientSampleId :
P027-SS001-0612-01

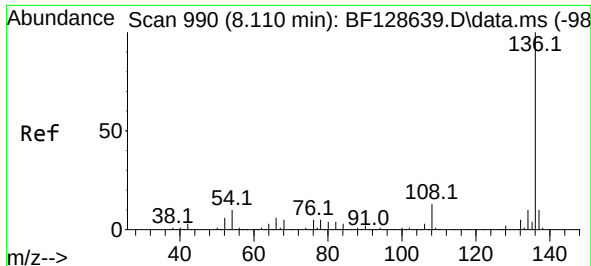
Tgt Ion: 99 Resp: 868315
Ion Ratio Lower Upper
99 100
42 26.3 17.3 25.9#
71 46.4 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.086 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Tgt Ion: 70 Resp: 92685
Ion Ratio Lower Upper
70 100
42 58.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

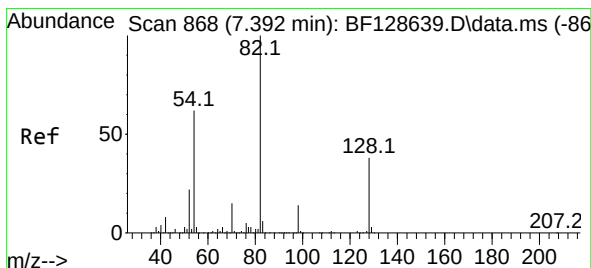
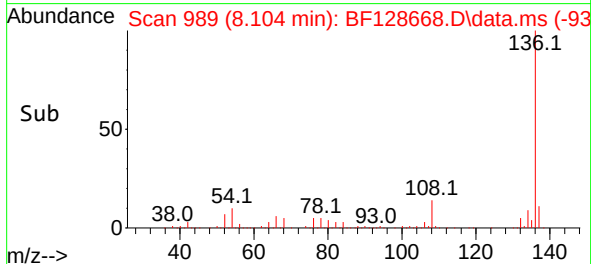
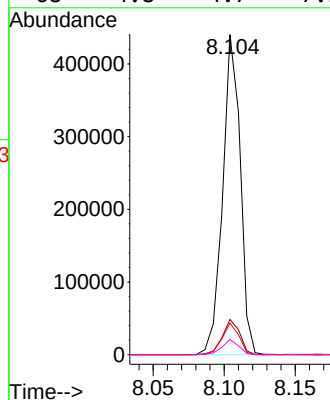
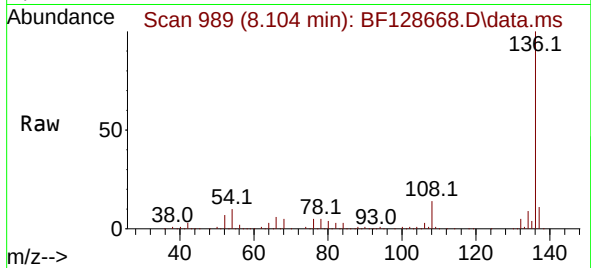




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

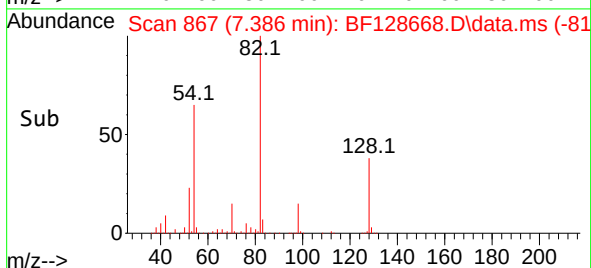
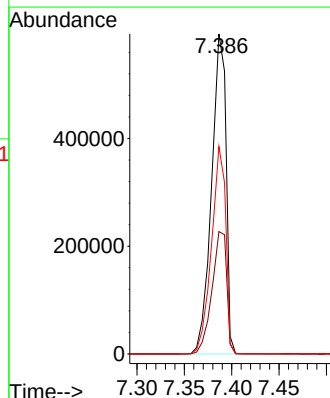
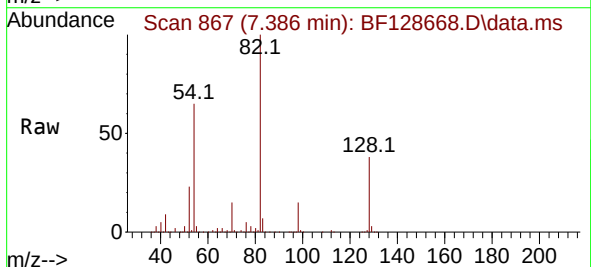
Instrument :
BNA_F
ClientSampleId :
P027-SS001-0612-01

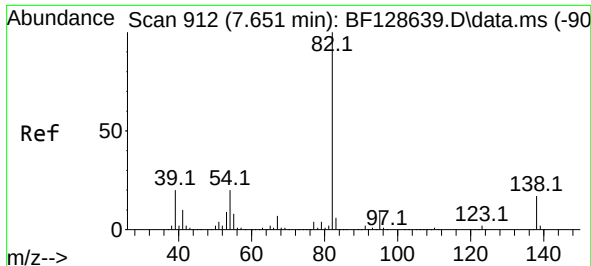
Tgt Ion:	136	Resp:	378213
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.9	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 77.272 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Tgt Ion:	82	Resp:	627709
Ion Ratio	Lower	Upper	
82	100		
128	38.2	34.0	51.0
54	64.8	46.9	70.3

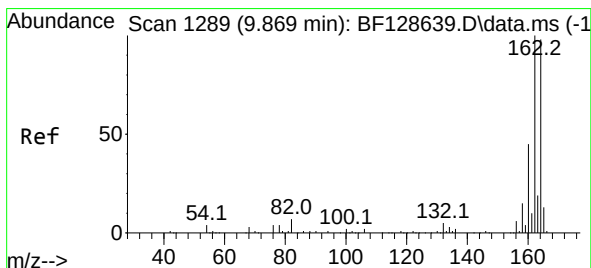
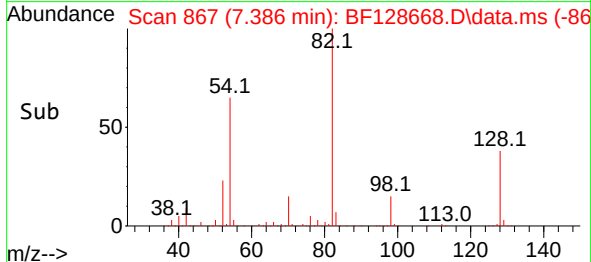
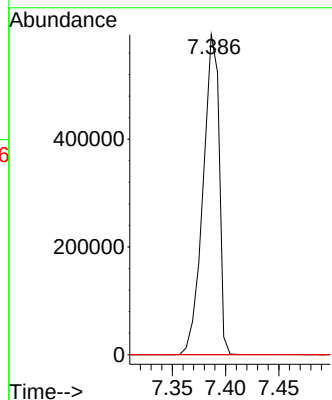
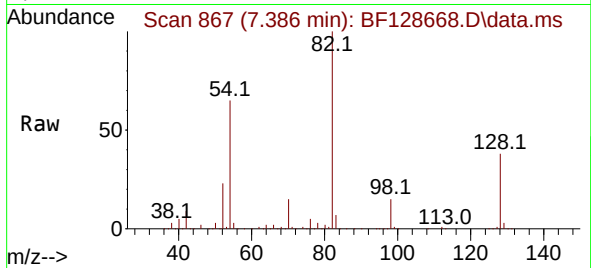




#25
Isophorone
Concen: 50.776 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

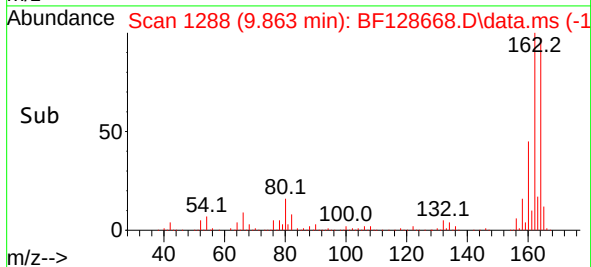
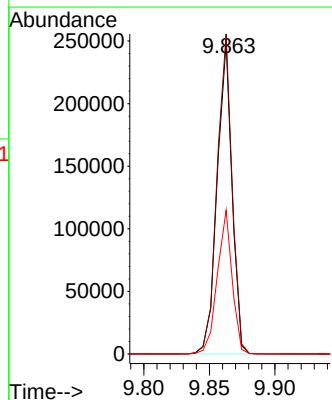
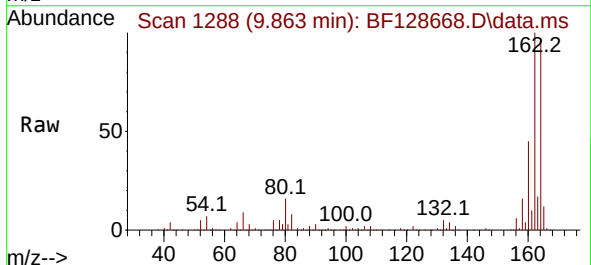
Instrument :
BNA_F
ClientSampleId :
P027-SS001-0612-01

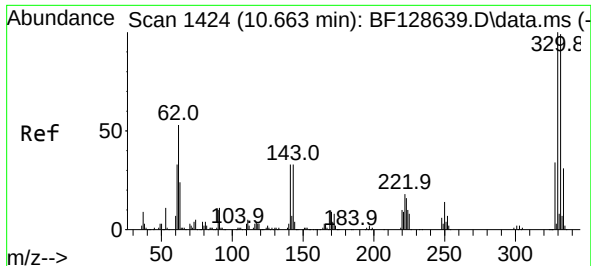
Tgt Ion: 82 Resp: 626453
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Tgt Ion:164 Resp: 196266
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 46.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 99.067 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128668.D

Acq: 03 Jun 2022 06:06

Instrument :

BNA_F

ClientSampleId :

P027-SS001-0612-01

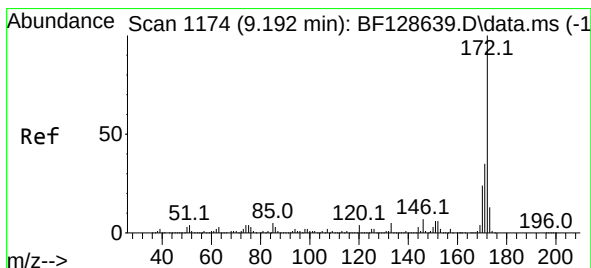
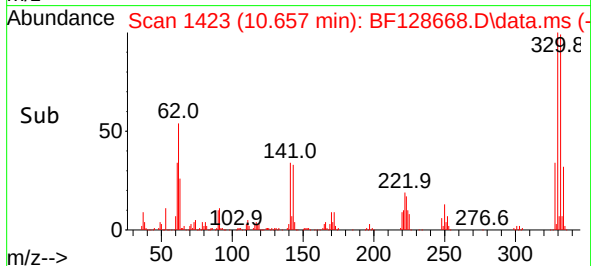
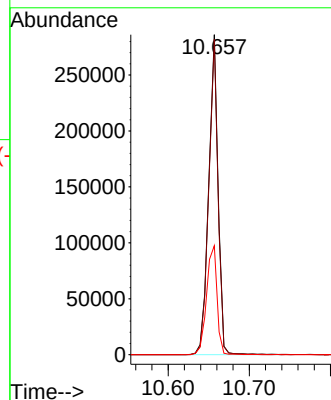
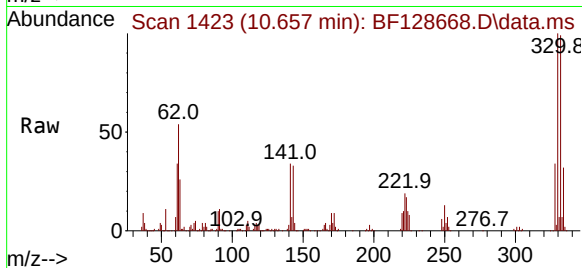
Tgt Ion:330 Resp: 229735

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 38.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.687 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128668.D

Acq: 03 Jun 2022 06:06

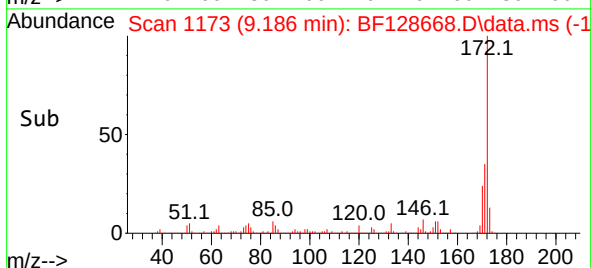
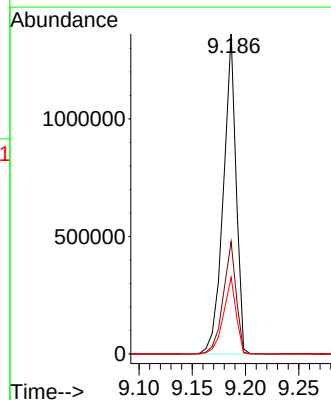
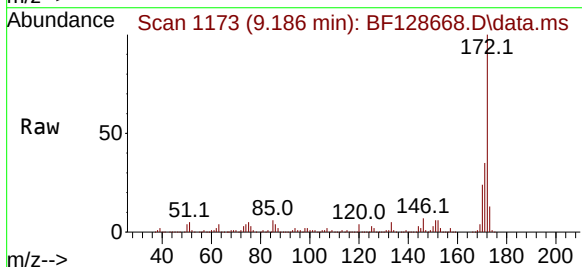
Tgt Ion:172 Resp: 1130511

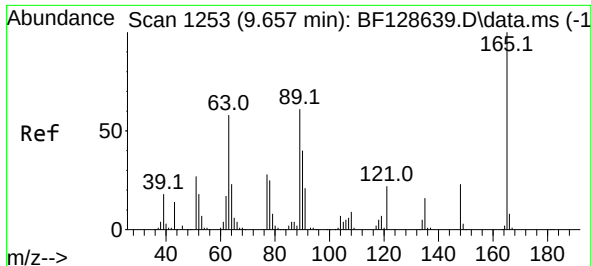
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.0 19.8 29.8

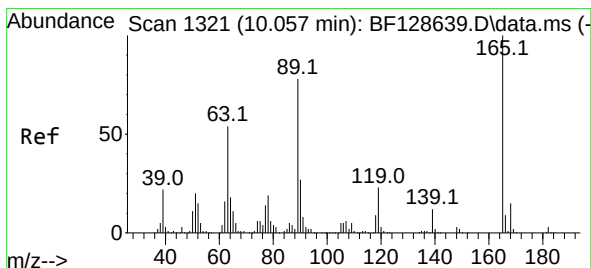
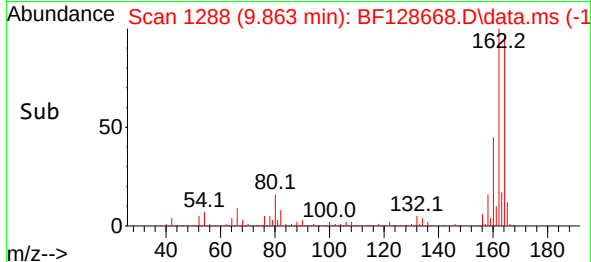
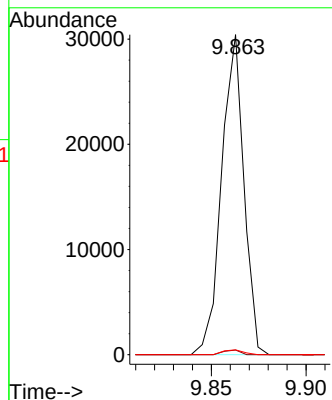
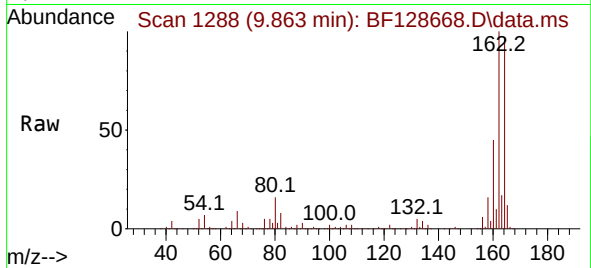




#51
2,6-Dinitrotoluene
Concen: 9.386 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

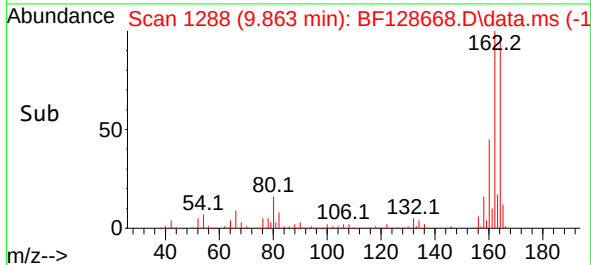
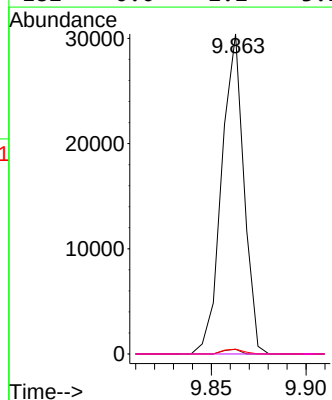
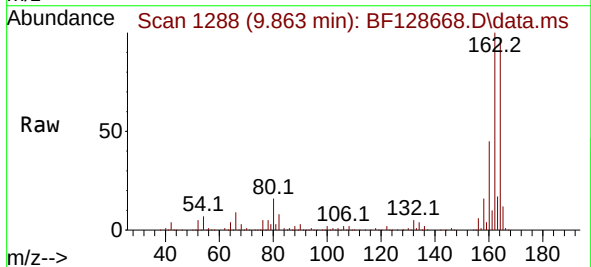
Instrument :
BNA_F
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P027-SS001-0612-01

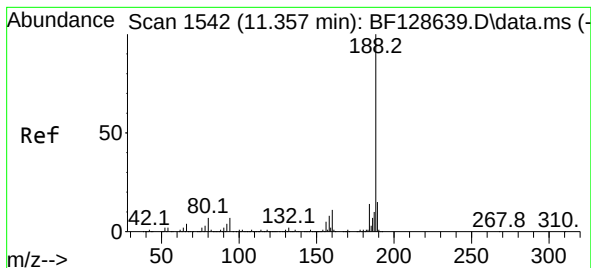
Tgt Ion:165 Resp: 24886
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.033 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Tgt Ion:165 Resp: 24886
Ion Ratio Lower Upper
165 100
63 1.4 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: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128668.D

Acq: 03 Jun 2022 06:06

Instrument :

BNA_F

ClientSampleId :

P027-SS001-0612-01

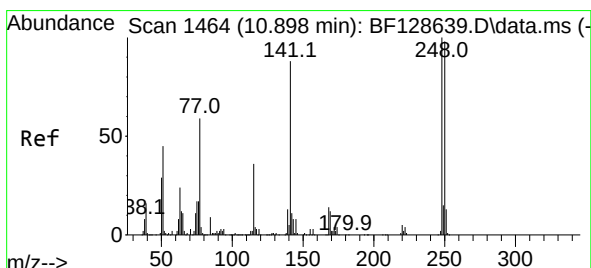
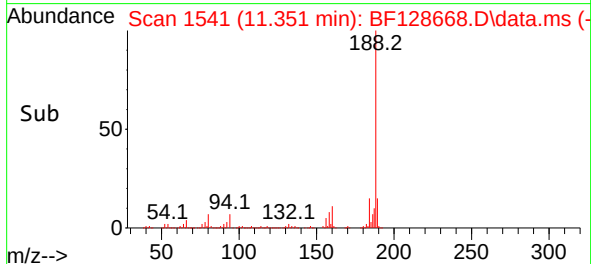
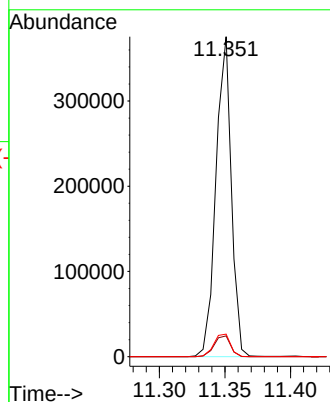
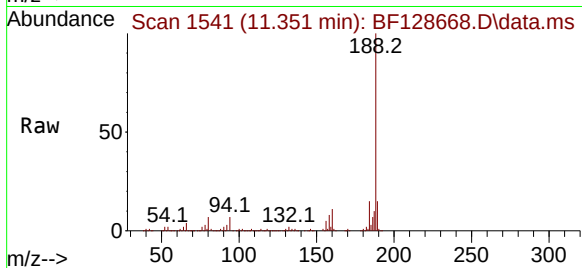
Tgt Ion:188 Resp: 305223

Ion Ratio Lower Upper

188 100

94 6.5 7.0 10.6#

80 7.1 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.485 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128668.D

Acq: 03 Jun 2022 06:06

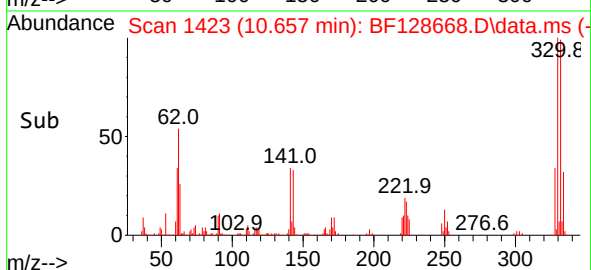
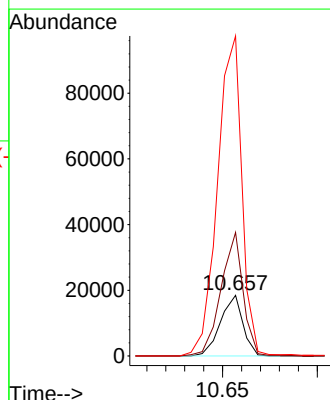
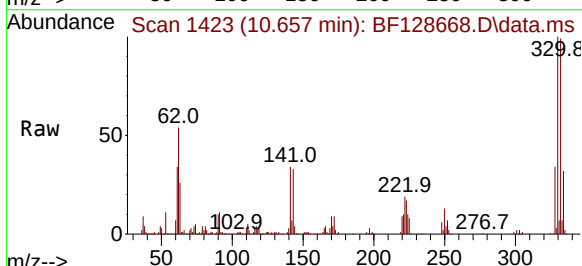
Tgt Ion:248 Resp: 15265

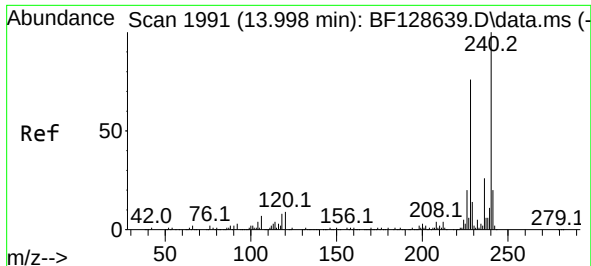
Ion Ratio Lower Upper

248 100

250 203.5 80.6 120.8#

141 527.2 58.9 88.3#

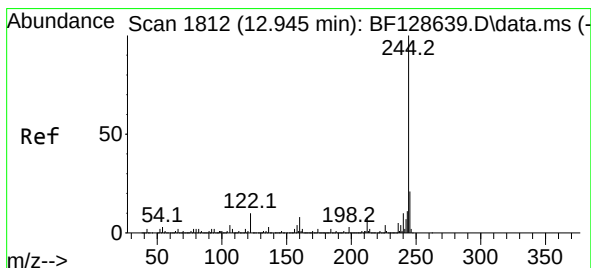
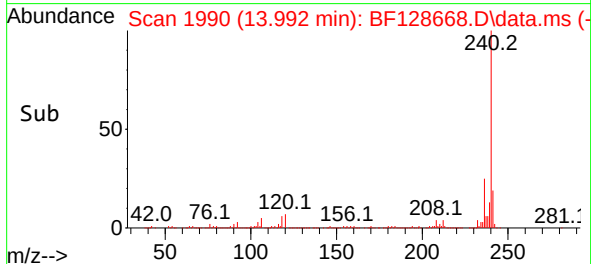
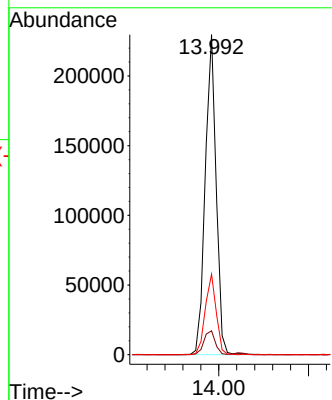
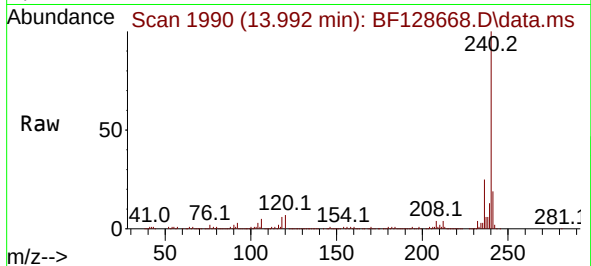




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

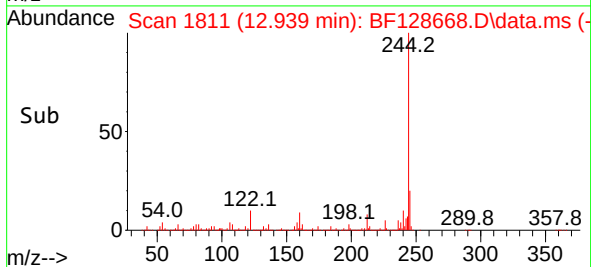
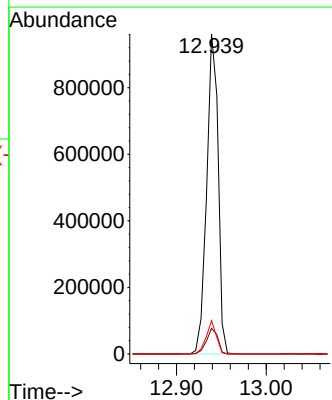
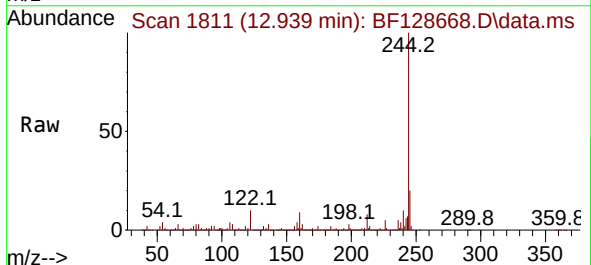
Instrument :
BNA_F
ClientSampleId :
P027-SS001-0612-01

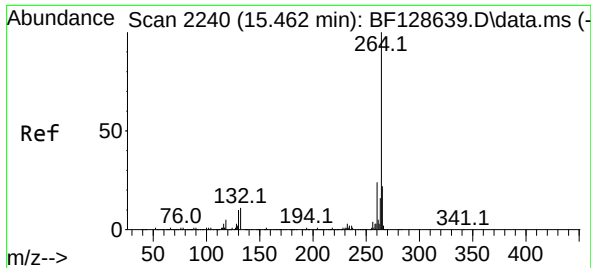
Tgt Ion:240 Resp: 193346
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 76.503 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Tgt Ion:244 Resp: 851241
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF128668.D
Acq: 03 Jun 2022 06:06

Instrument :
BNA_F
ClientSampleId :
P027-SS001-0612-01

Tgt Ion:264 Resp: 178235

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.1	17.2	25.8

