

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128674.D
 Acq On : 03 Jun 2022 12:17
 Operator : CG\JU
 Sample : N2987-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P027-SS004-0006-01

Quant Time: Jun 03 23:41:10 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)

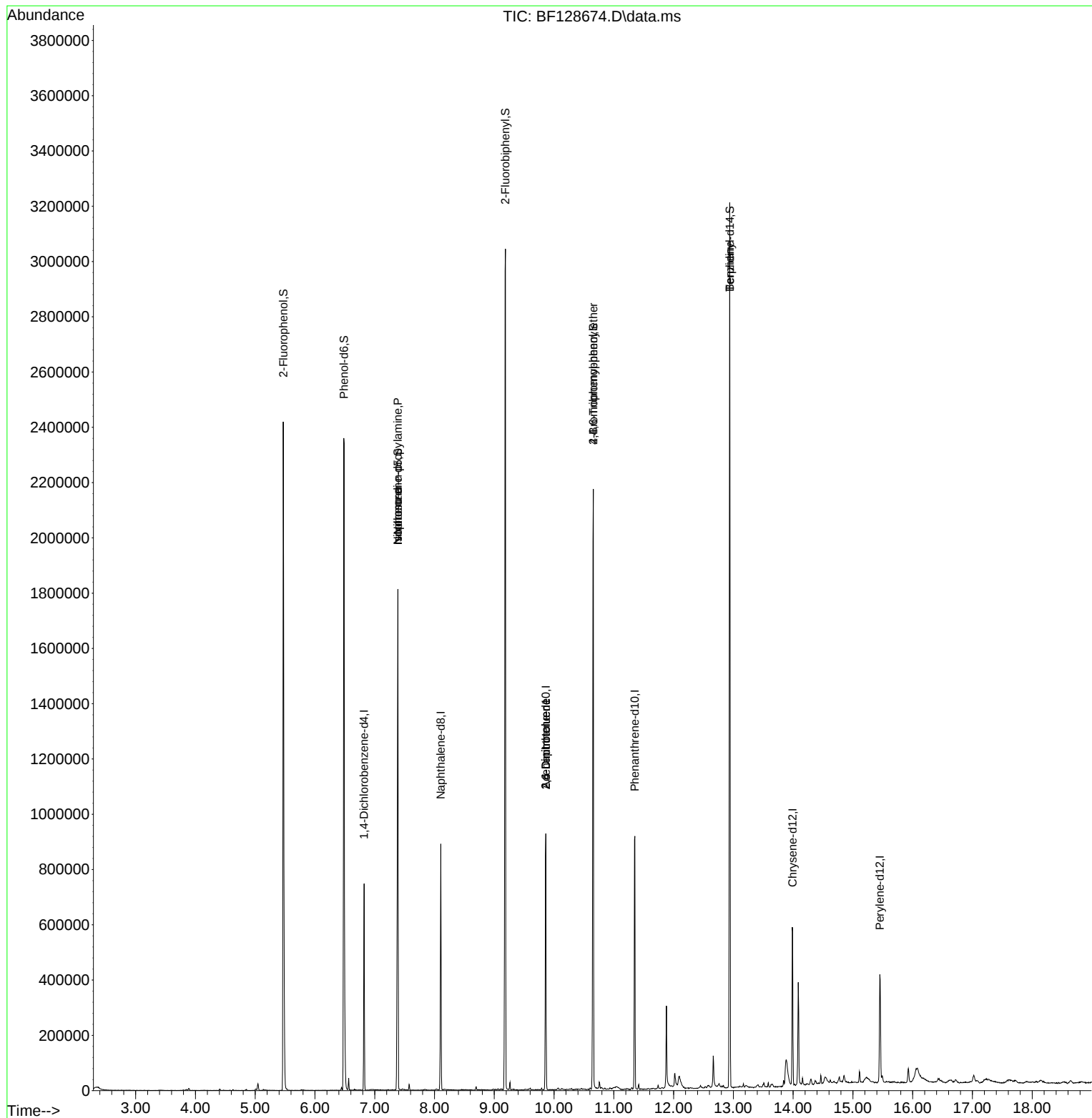
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	87204	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	332225	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	188121	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	342769	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	203598	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	179621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	583639	106.605	ng	0.00
7) Phenol-d6	6.487	99	731269	109.424	ng	-0.01
23) Nitrobenzene-d5	7.387	82	539235	75.569	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	246267	110.794	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	989162	73.656	ng	0.00
79) Terphenyl-d14	12.939	244	1001512	85.475	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	79601	19.157	ng	# 79
25) Isophorone	7.387	82	538858	49.722	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	24977	9.828	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	24977	7.364	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	16769	4.387	ng	# 1
77) Benzidine	12.939	184	16616	4.094	ng	# 90

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

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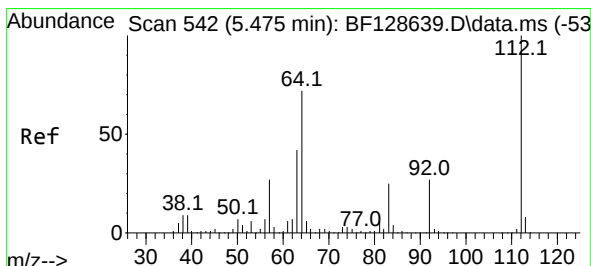
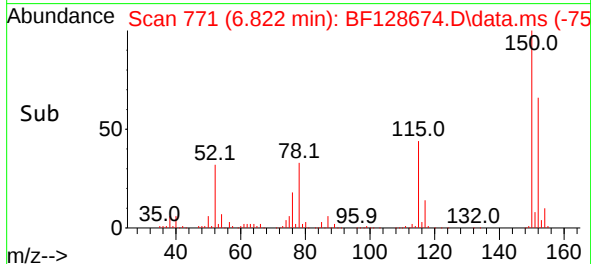
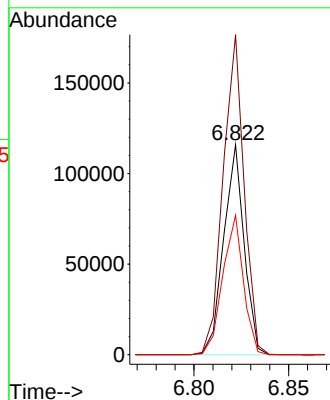
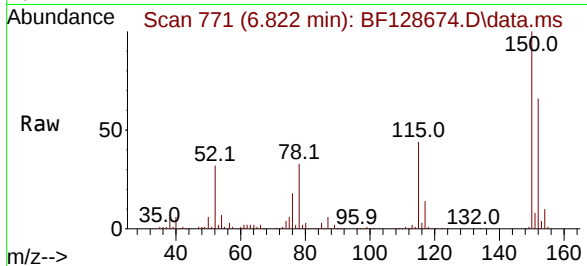




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

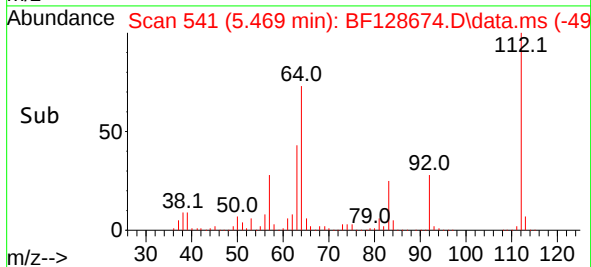
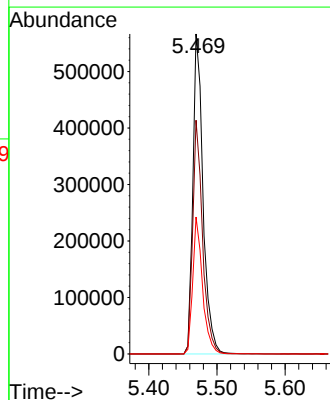
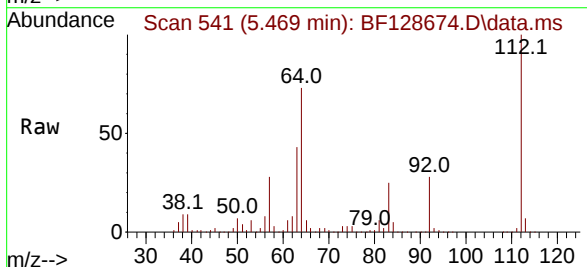
Instrument :
BNA_F
ClientSampleId :
P027-SS004-0006-01

Tgt Ion:152 Resp: 87204
Ion Ratio Lower Upper
152 100
150 152.3 123.7 185.5
115 66.3 49.9 74.9



#5
2-Fluorophenol
Concen: 106.605 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

Tgt Ion:112 Resp: 583639
Ion Ratio Lower Upper
112 100
64 73.1 53.3 79.9
63 42.8 28.0 42.0#

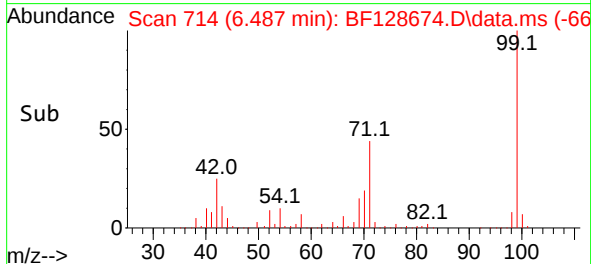
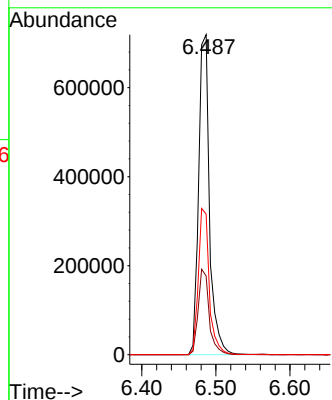
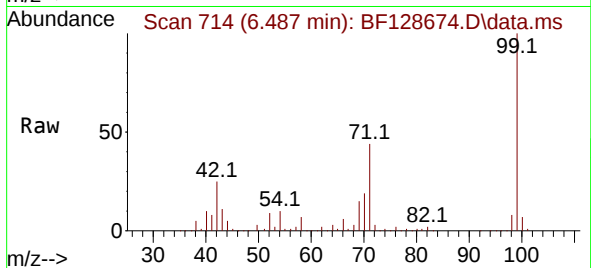




#7
Phenol-d6
Concen: 109.424 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

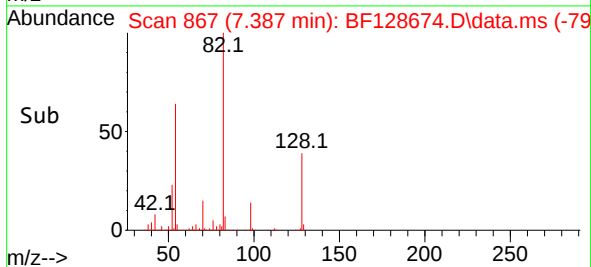
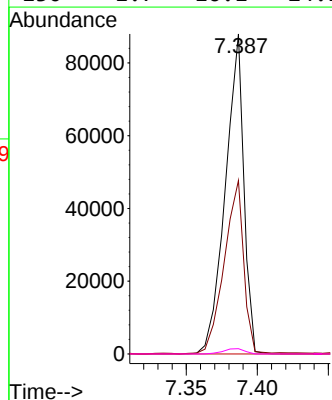
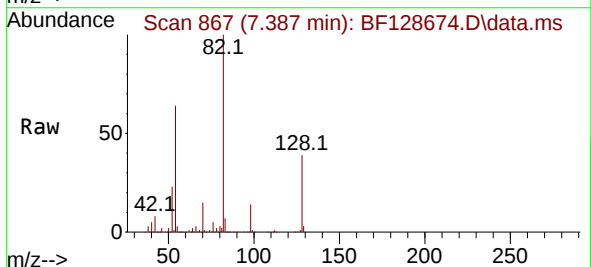
Instrument :
BNA_F
ClientSampleId :
P027-SS004-0006-01

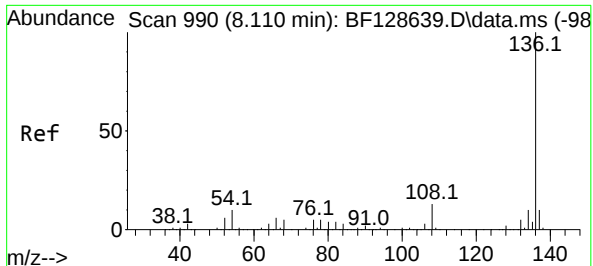
Tgt Ion: 99 Resp: 731269
Ion Ratio Lower Upper
99 100
42 24.6 17.3 25.9
71 44.0 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.157 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

Tgt Ion: 70 Resp: 79601
Ion Ratio Lower Upper
70 100
42 54.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

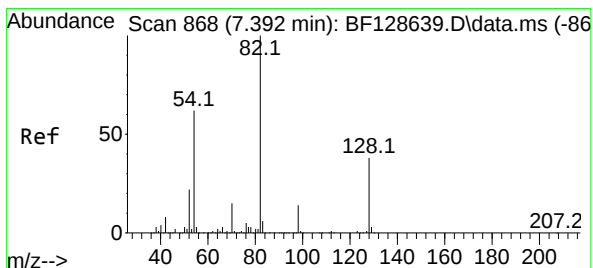
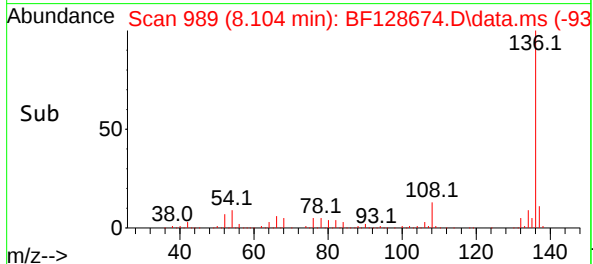
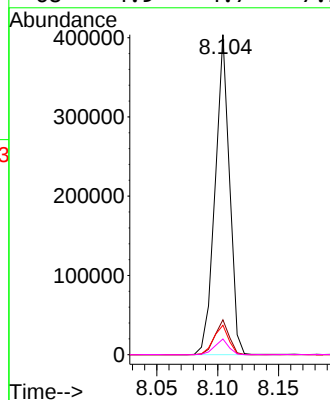
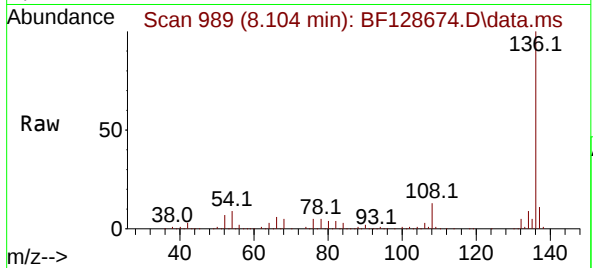




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

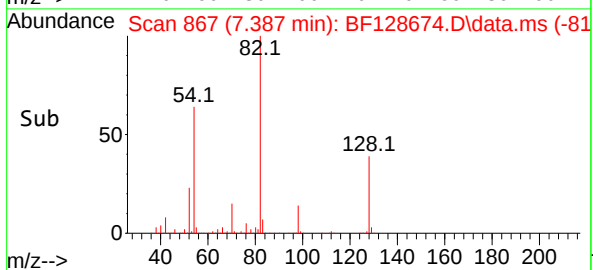
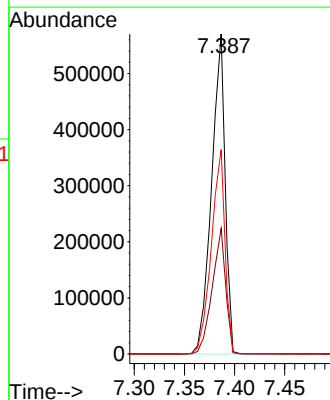
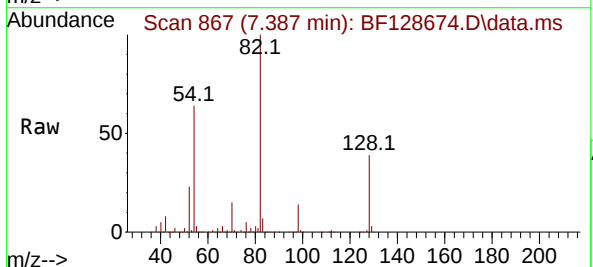
Instrument :
BNA_F
ClientSampleId :
P027-SS004-0006-01

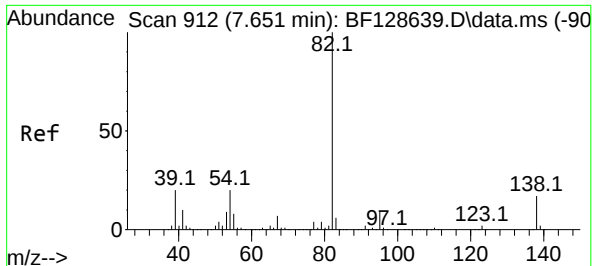
Tgt Ion:	136	Resp:	332225
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.2	7.5	11.3
68	4.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 75.569 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

Tgt Ion:	82	Resp:	539235
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.0	51.0
54	63.9	46.9	70.3

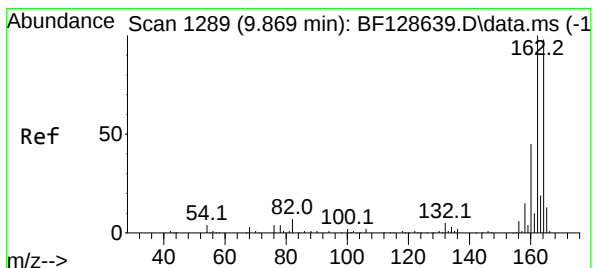
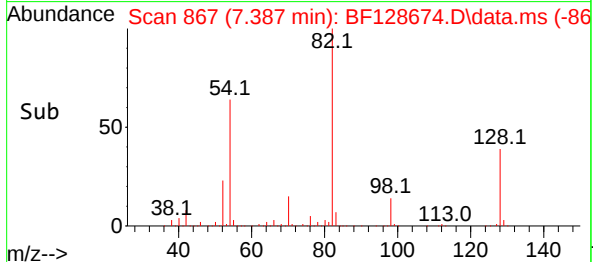
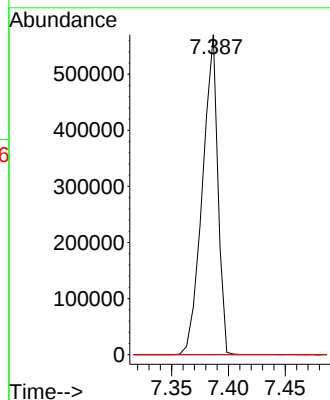
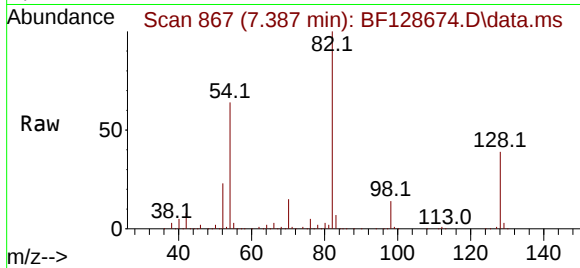




#25
Isophorone
Concen: 49.722 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

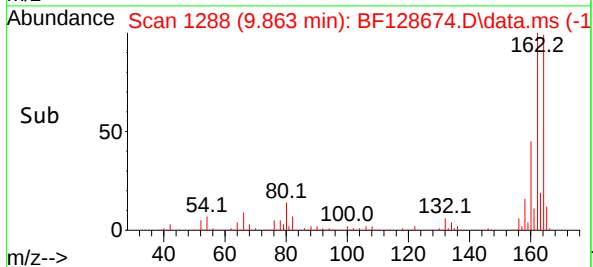
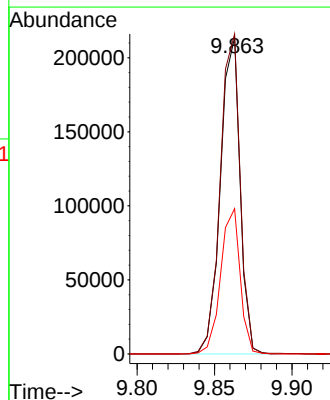
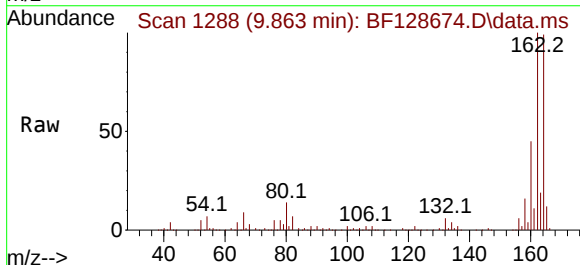
Instrument :
BNA_F
ClientSampleId :
P027-SS004-0006-01

Tgt Ion: 82 Resp: 538858
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: BF128674.D
Acq: 03 Jun 2022 12:17

Tgt Ion:164 Resp: 188121
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.794 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128674.D

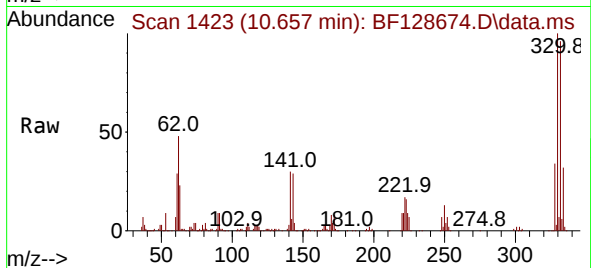
Acq: 03 Jun 2022 12:17

Instrument :

BNA_F

ClientSampleId :

P027-SS004-0006-01



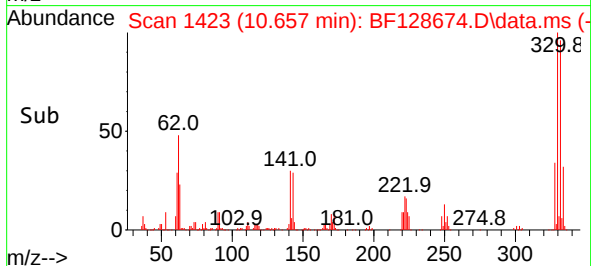
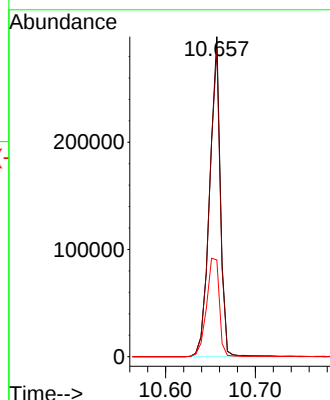
Tgt Ion:330 Resp: 246267

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 37.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.656 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF128674.D

Acq: 03 Jun 2022 12:17

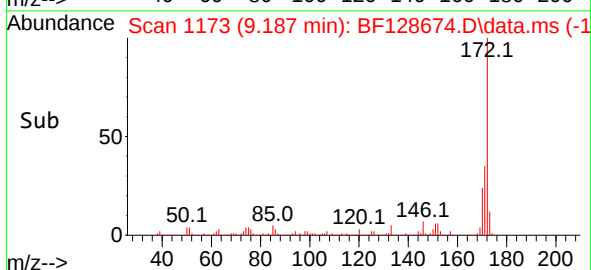
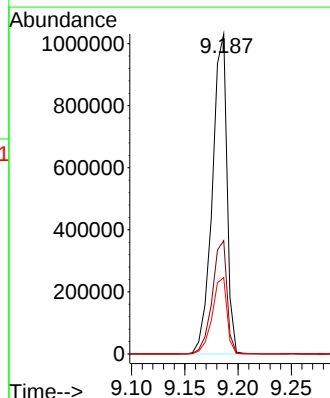
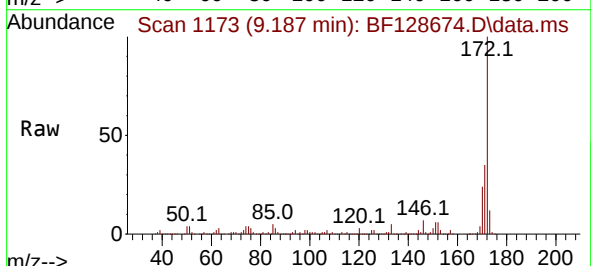
Tgt Ion:172 Resp: 989162

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.828 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128674.D

Acq: 03 Jun 2022 12:17

Instrument :

BNA_F

ClientSampleId :

P027-SS004-0006-01

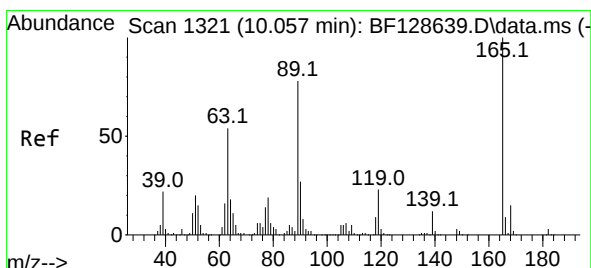
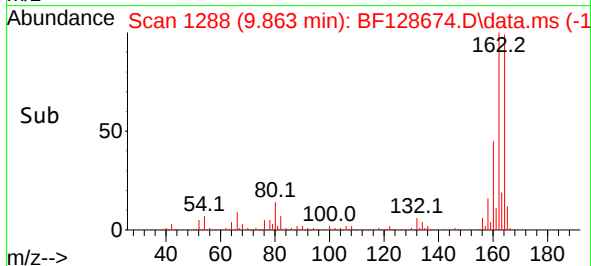
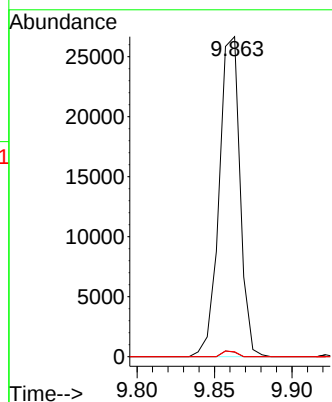
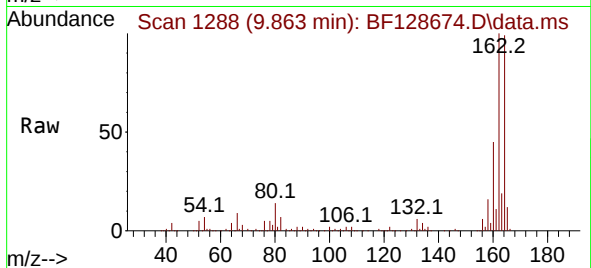
Tgt Ion:165 Resp: 24977

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.364 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128674.D

Acq: 03 Jun 2022 12:17

Tgt Ion:165 Resp: 24977

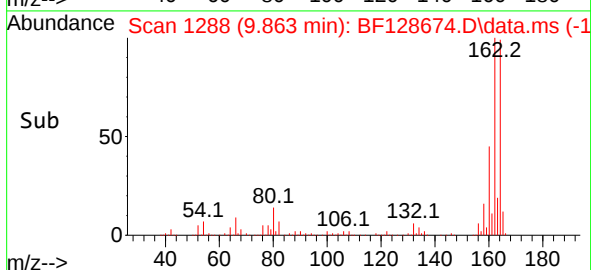
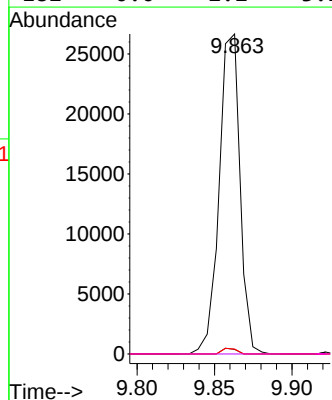
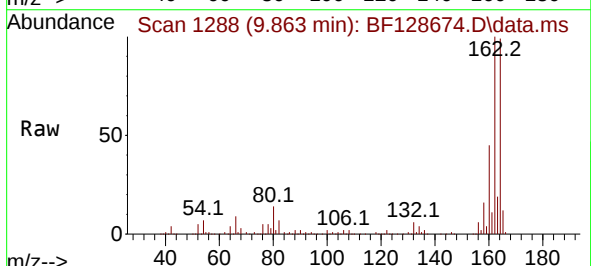
Ion Ratio Lower Upper

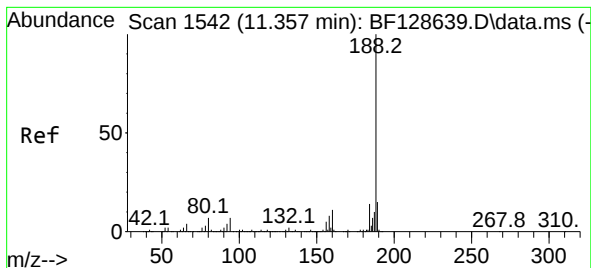
165 100

63 1.4 39.8 59.6#

89 1.6 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: BF128674.D

Acq: 03 Jun 2022 12:17

Instrument :

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ClientSampleId :

P027-SS004-0006-01

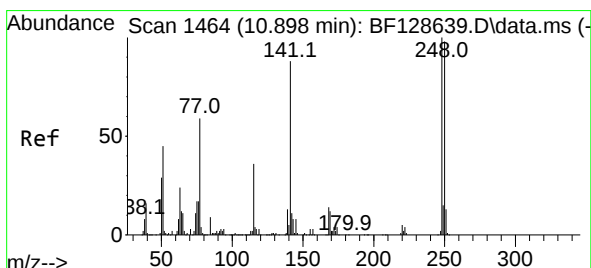
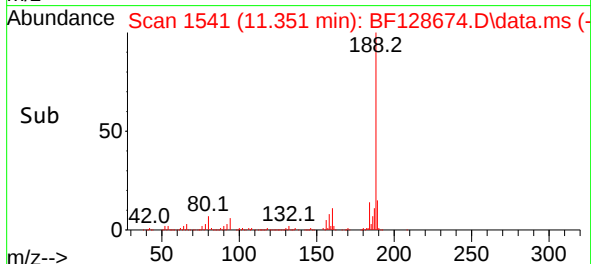
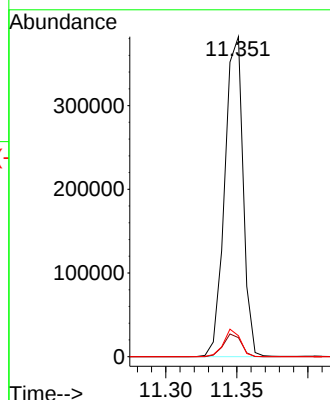
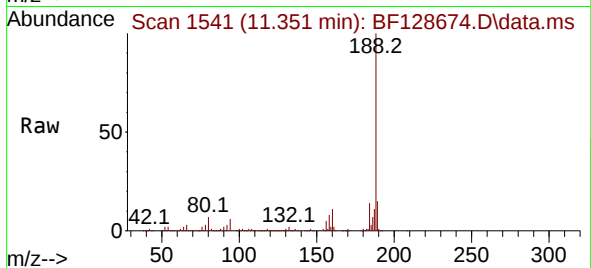
Tgt Ion:188 Resp: 342769

Ion Ratio Lower Upper

188 100

94 6.0 7.0 10.6#

80 6.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.387 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128674.D

Acq: 03 Jun 2022 12:17

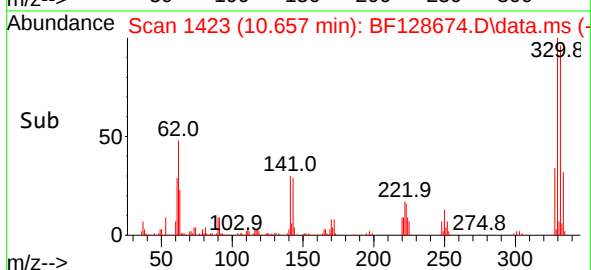
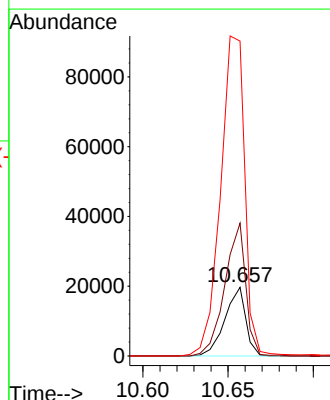
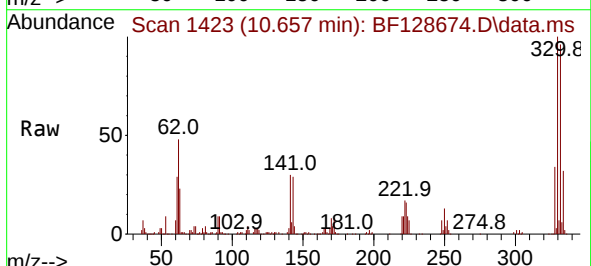
Tgt Ion:248 Resp: 16769

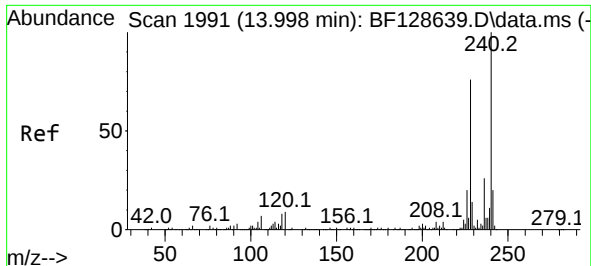
Ion Ratio Lower Upper

248 100

250 193.4 80.6 120.8#

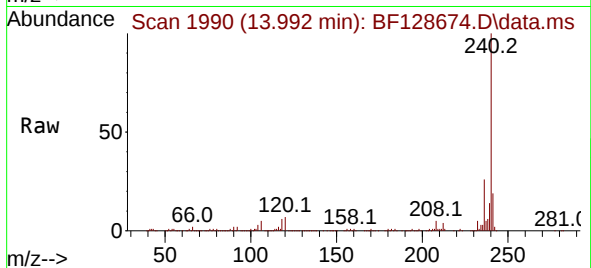
141 458.4 58.9 88.3#



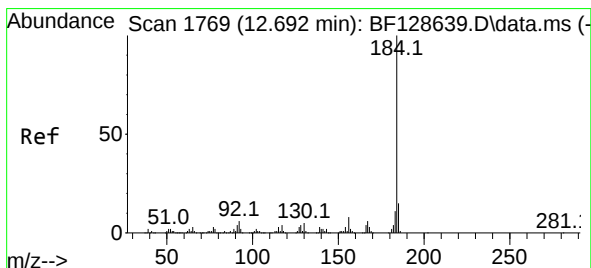
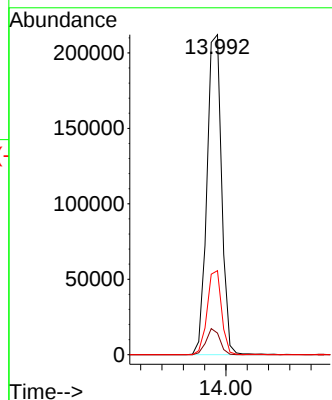
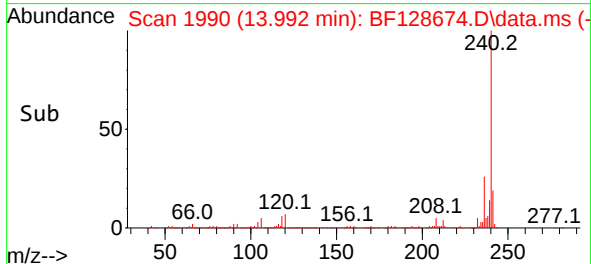


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17

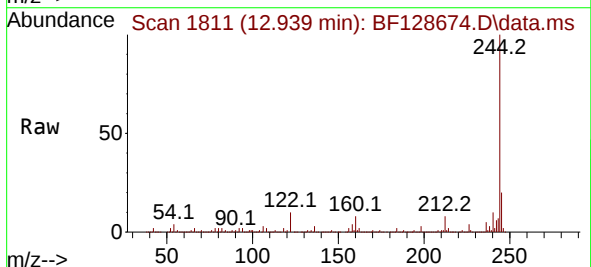
Instrument :
BNA_F
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P027-SS004-0006-01



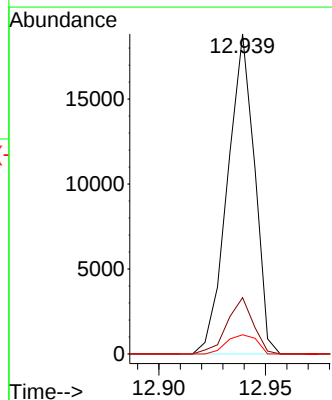
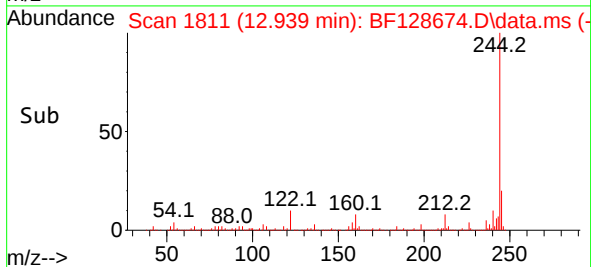
Tgt Ion:240 Resp: 203598
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 26.3 20.8 31.2

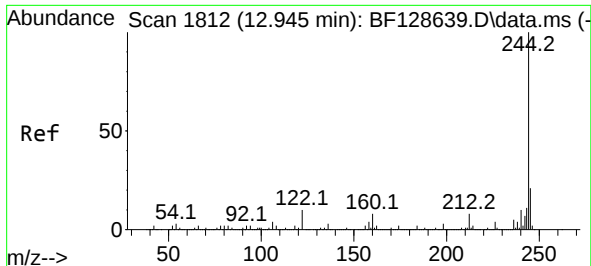


#77
Benzidine
Concen: 4.094 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128674.D
Acq: 03 Jun 2022 12:17



Tgt Ion:184 Resp: 16616
Ion Ratio Lower Upper
184 100
185 17.6 11.9 17.9
183 6.0 9.3 13.9#

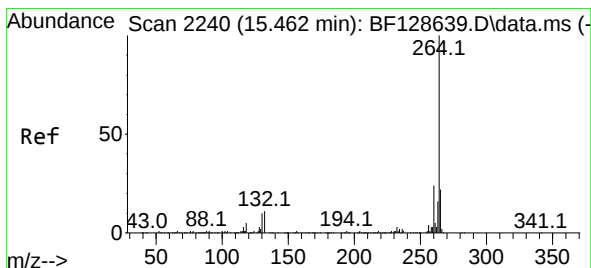
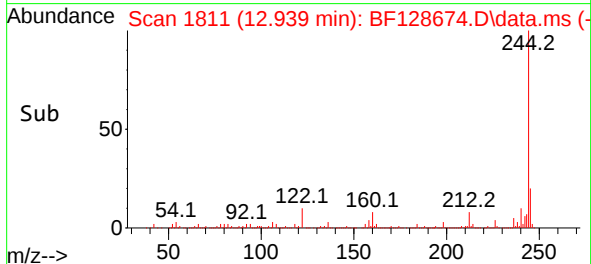
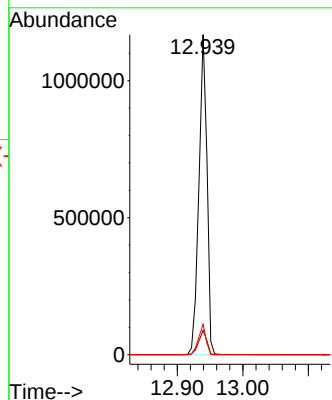
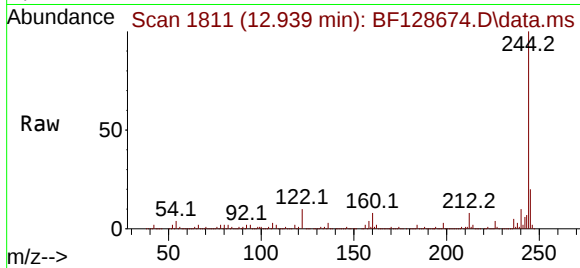




#79
 Terphenyl-d14
 Concen: 85.475 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128674.D
 Acq: 03 Jun 2022 12:17

Instrument :
 BNA_F
 ClientSampleId :
 P027-SS004-0006-01

Tgt Ion:244 Resp: 1001512
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.011 min
 Lab File: BF128674.D
 Acq: 03 Jun 2022 12:17

Tgt Ion:264 Resp: 179621
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 20.9 17.2 25.8

