

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127024.D
 Acq On : 22 Feb 2022 22:41
 Operator : CG\JU
 Sample : N1626-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A1

Quant Time: Feb 23 00:00:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

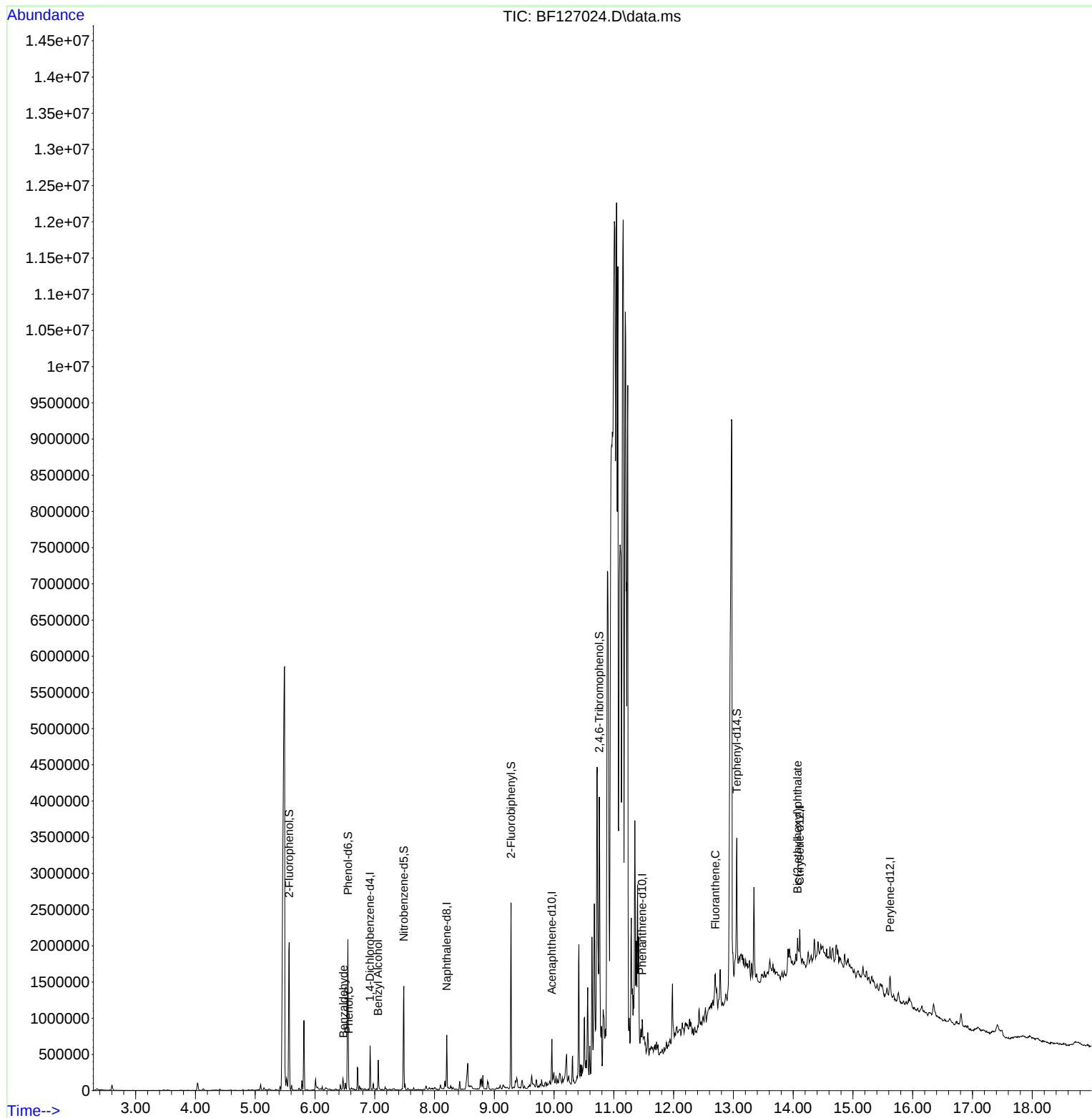
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	72989	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	261405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	108832	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	167627	20.000	ng	# 0.02
76) Chrysene-d12	14.110	240	120140	20.000	ng	# 0.01
86) Perylene-d12	15.621	264	90070	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	500427	105.968	ng	0.03
7) Phenol-d6	6.551	99	632019	99.183	ng	0.00
23) Nitrobenzene-d5	7.486	82	435438	75.188	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	121561	97.012	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	614757	83.157	ng	0.00
79) Terphenyl-d14	13.057	244	592211	72.463	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	12692	3.272	ng	93
10) Phenol	6.563	94	16672	2.589	ng	80
15) Benzyl Alcohol	7.057	79	72174	13.444	ng	91
75) Fluoranthene	12.698	202	42439	4.764	ng	79
84) Bis(2-ethylhexyl)phtha...	14.074	149	91424	14.093	ng	# 98

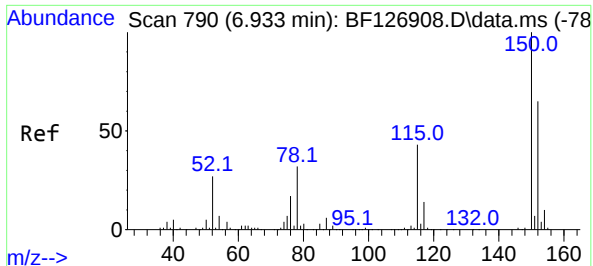
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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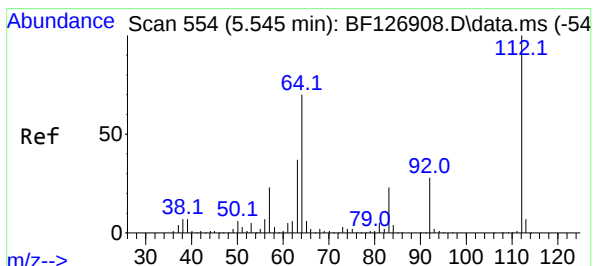
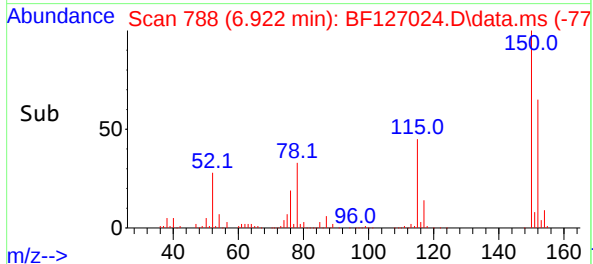
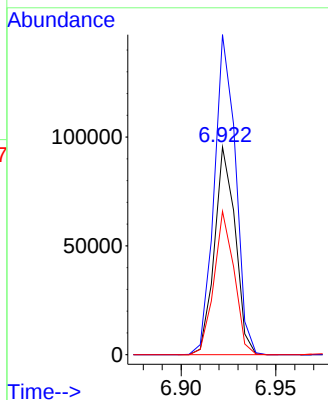
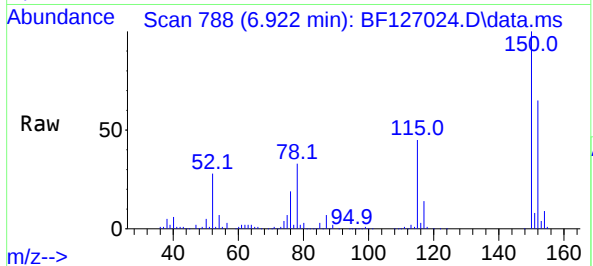




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

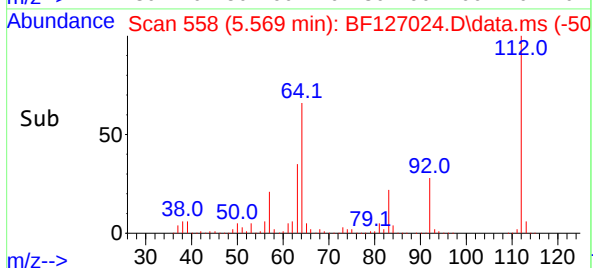
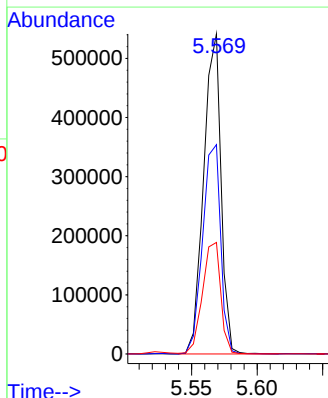
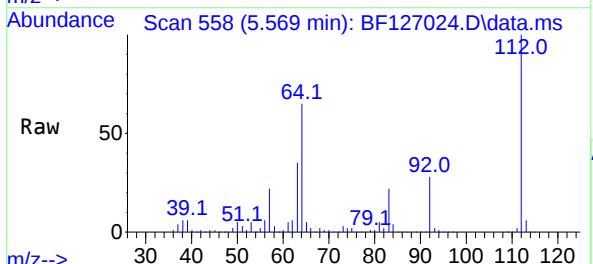
Instrument :
BNA_F
ClientSampleId :
CC-A1

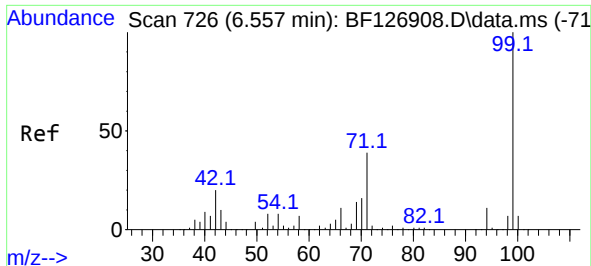
Tgt Ion:152 Resp: 72989
Ion Ratio Lower Upper
152 100
150 154.0 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 105.968 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.029 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion:112 Resp: 500427
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 34.9 23.9 35.9

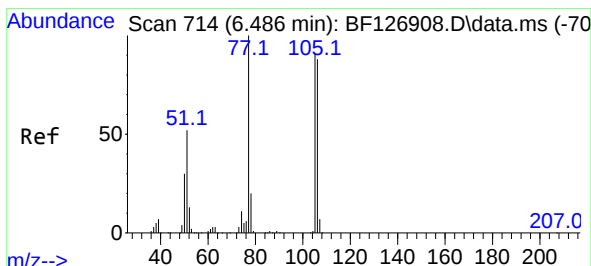
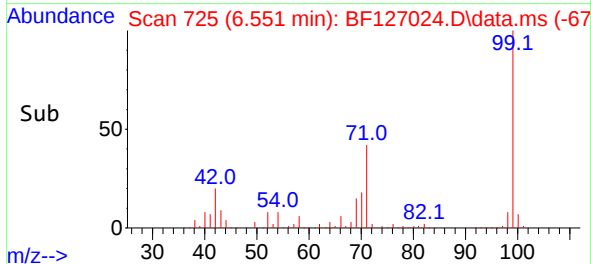
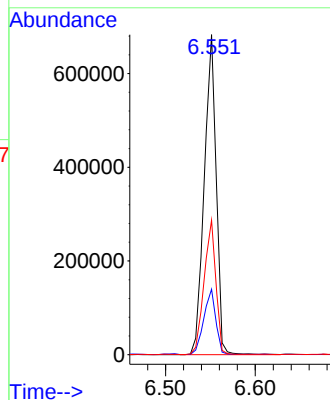
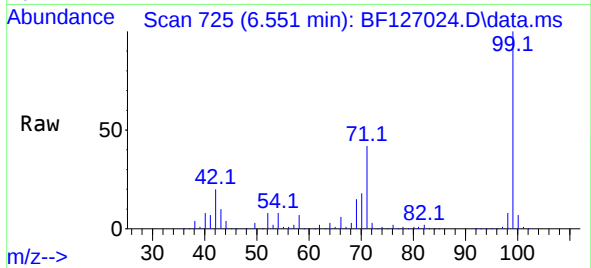




#7
Phenol-d6
Concen: 99.183 ng
RT: 6.551 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

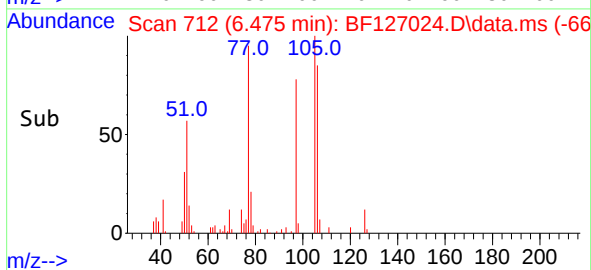
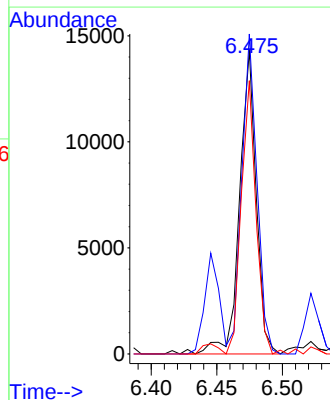
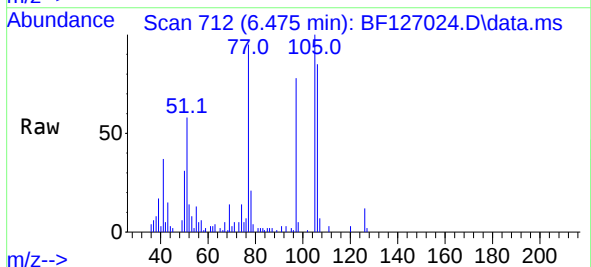
Instrument :
BNA_F
ClientSampleId :
CC-A1

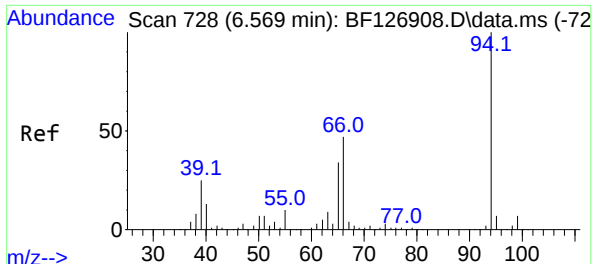
Tgt Ion: 99 Resp: 632019
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 42.1 24.3 36.5#



#9
Benzaldehyde
Concen: 3.272 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion: 77 Resp: 12692
Ion Ratio Lower Upper
77 100
105 105.4 74.9 114.9
106 90.0 72.4 112.4

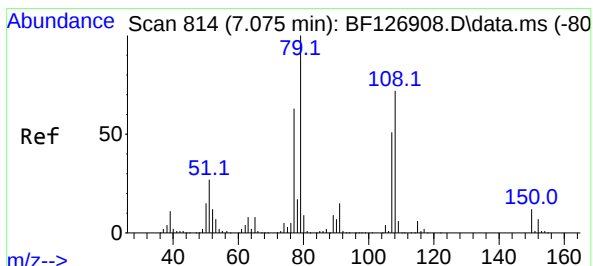
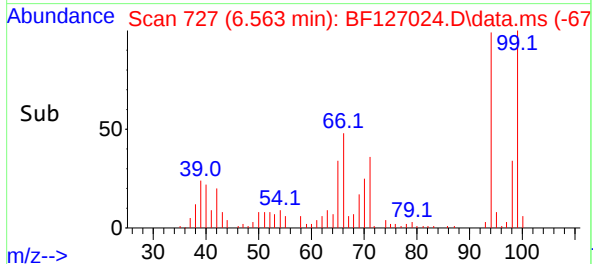
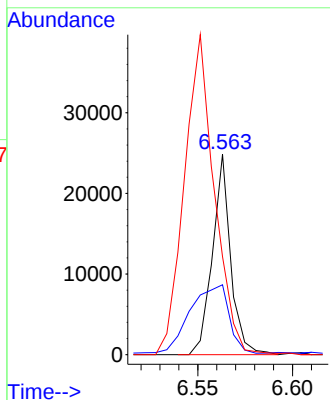
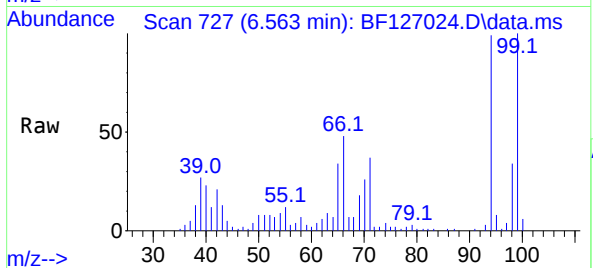




#10
Phenol
Concen: 2.589 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

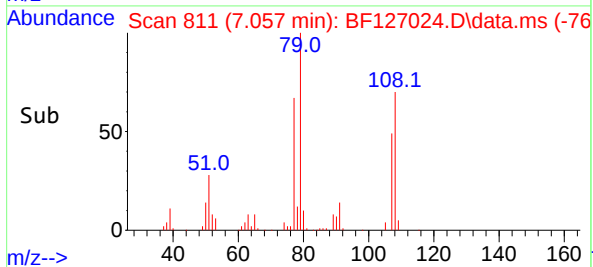
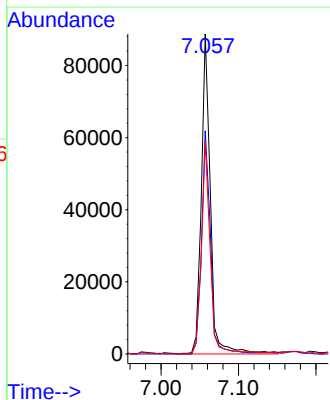
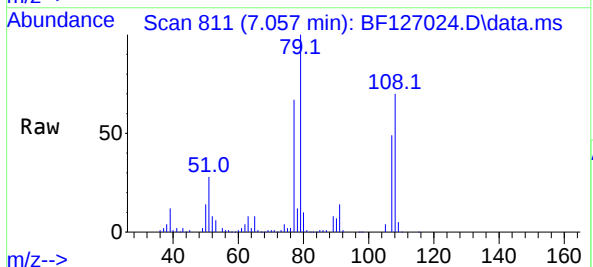
Instrument :
BNA_F
ClientSampleId :
CC-A1

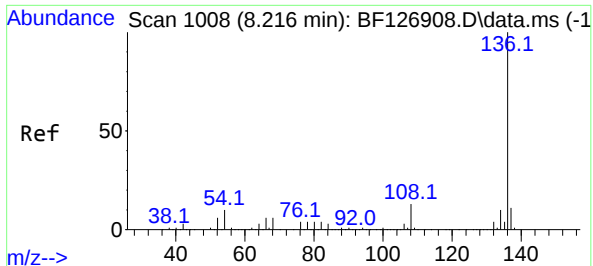
Tgt Ion: 94 Resp: 16672
Ion Ratio Lower Upper
94 100
65 34.9 7.2 47.2
66 48.9 14.5 54.5



#15
Benzyl Alcohol
Concen: 13.444 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion: 79 Resp: 72174
Ion Ratio Lower Upper
79 100
108 69.7 63.2 94.8
77 66.6 49.4 74.2



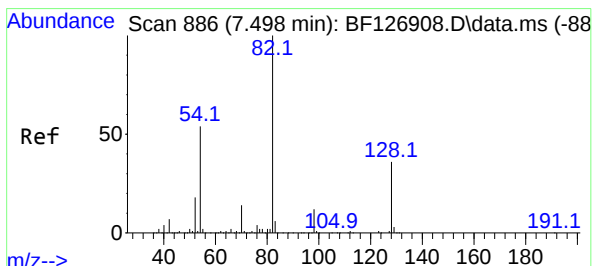
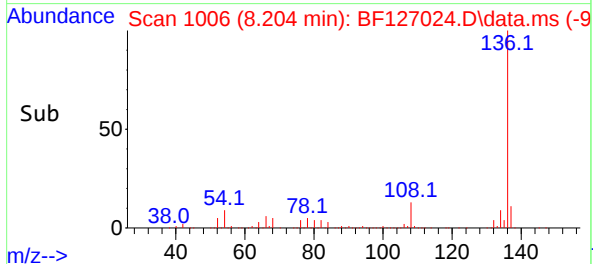
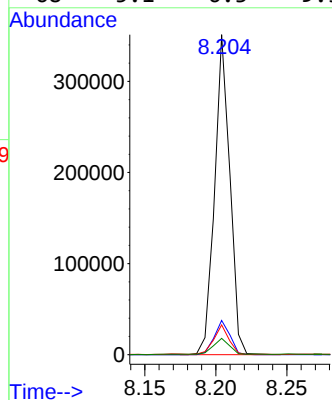
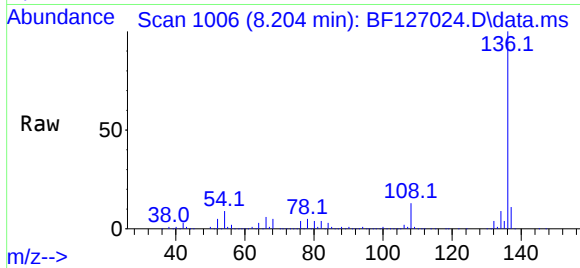


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Instrument :
BNA_F
ClientSampleId :
CC-A1

Tgt Ion:136 Resp: 261405

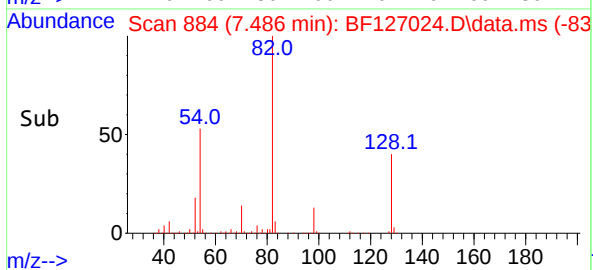
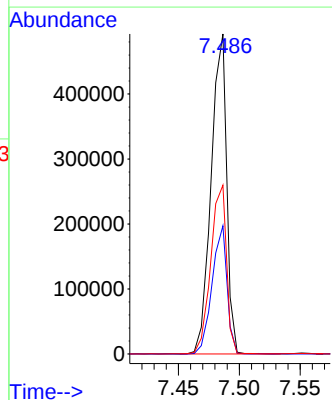
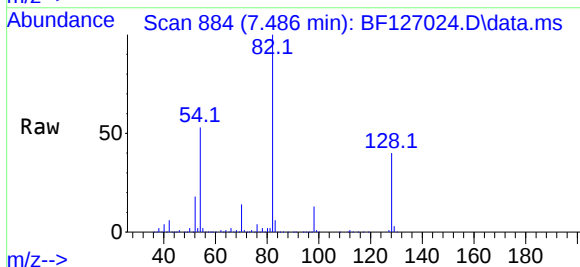
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.3	7.8	11.6
68	5.1	6.3	9.5

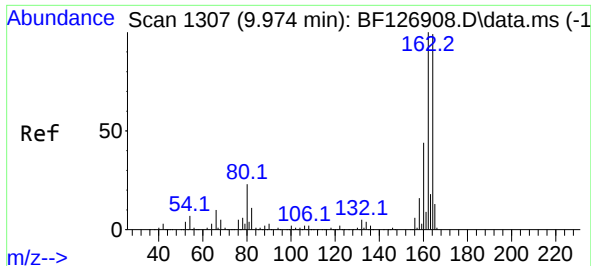


#23
Nitrobenzene-d5
Concen: 75.188 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion: 82 Resp: 435438

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.7	49.1
54	52.8	41.7	62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Instrument :

BNA_F

ClientSampleId :

CC-A1

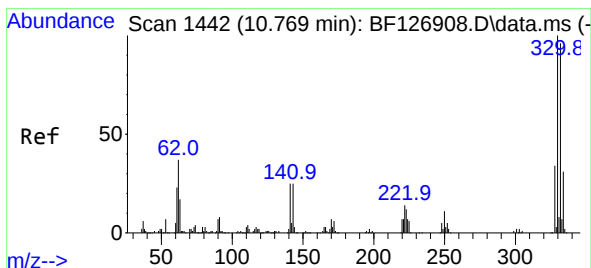
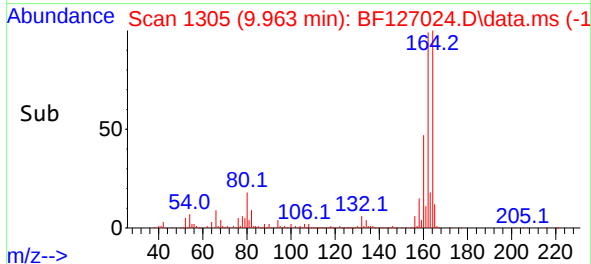
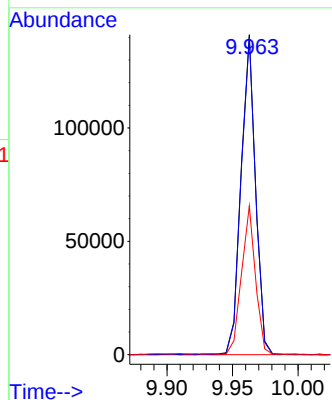
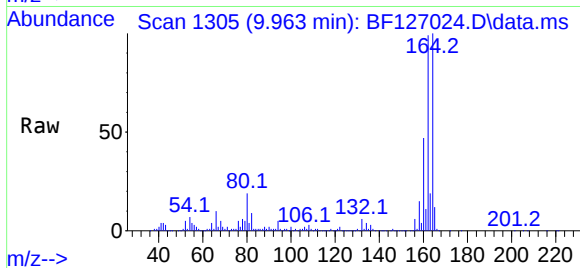
Tgt Ion:164 Resp: 108832

Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

160 46.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 97.012 ng

RT: 10.757 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

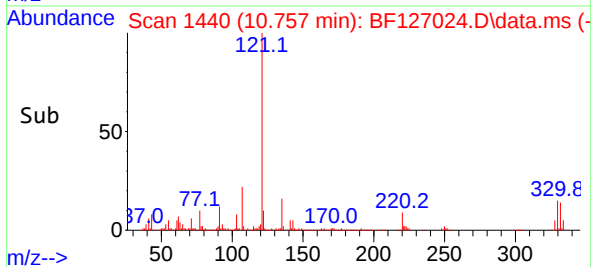
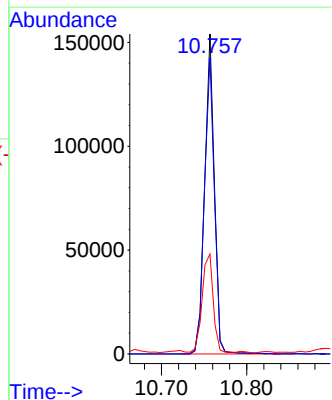
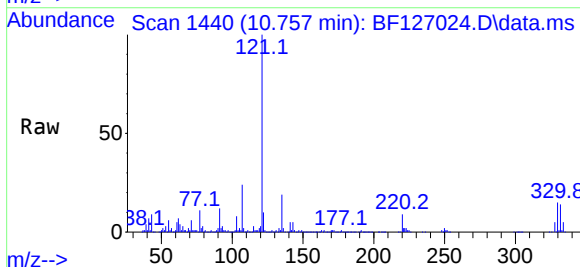
Tgt Ion:330 Resp: 121561

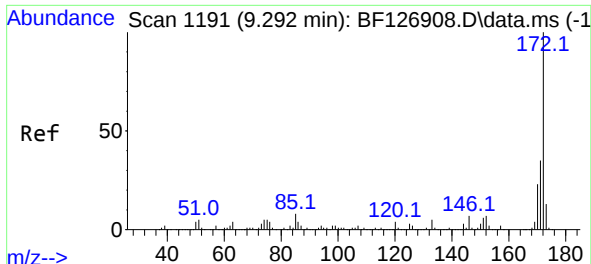
Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 34.8 30.1 45.1

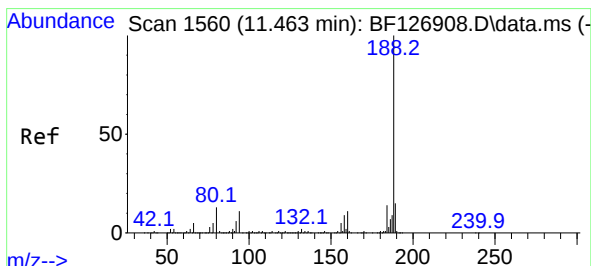
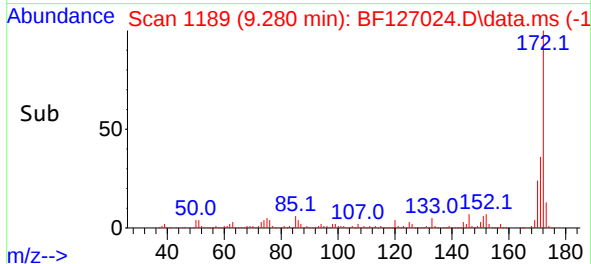
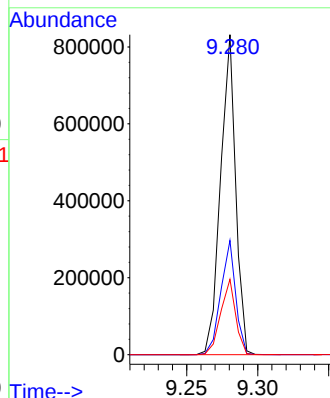
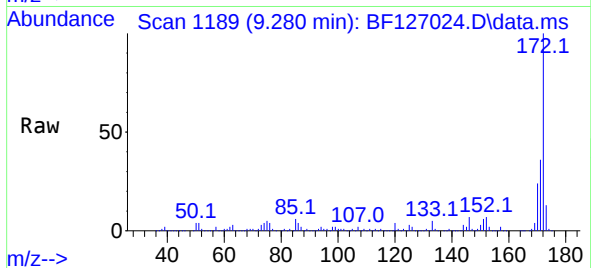




#45
2-Fluorobiphenyl
Concen: 83.157 ng
RT: 9.280 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

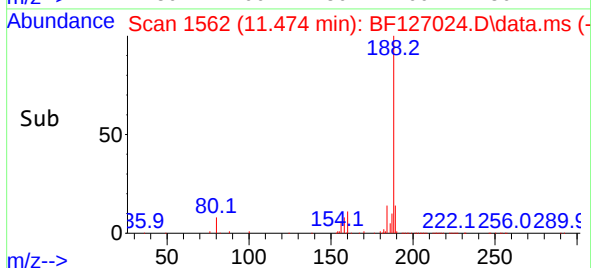
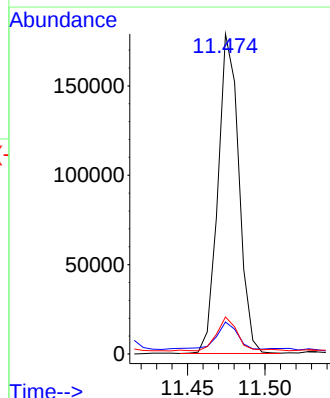
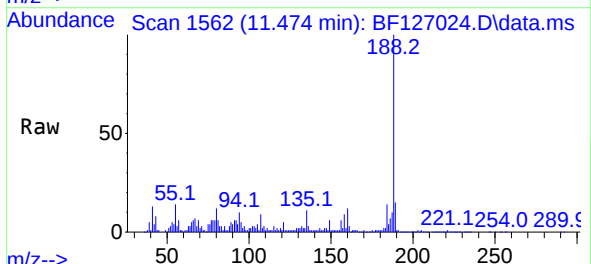
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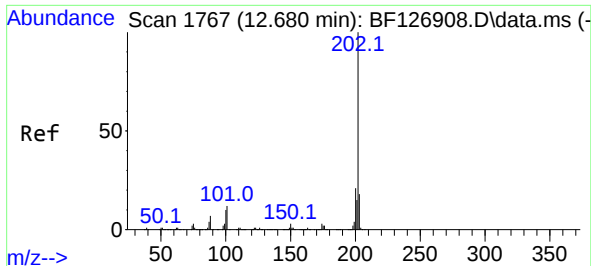
Tgt Ion:172 Resp: 614757
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. 0.024 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion:188 Resp: 167627
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 11.5 11.8 17.6#

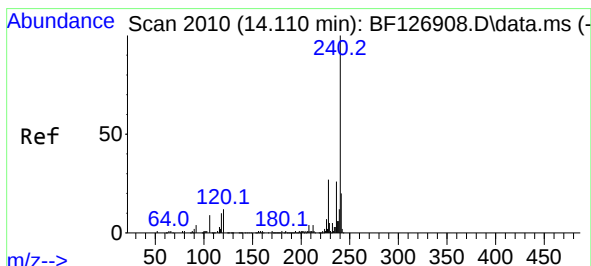
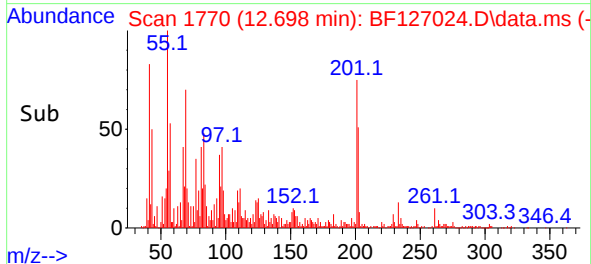
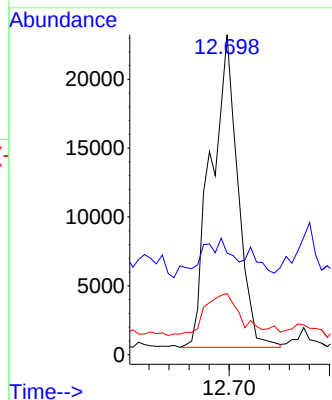
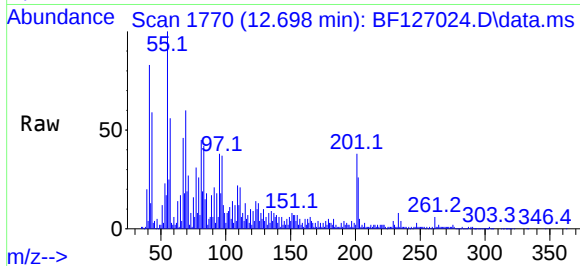




#75
Fluoranthene
Concen: 4.764 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.029 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

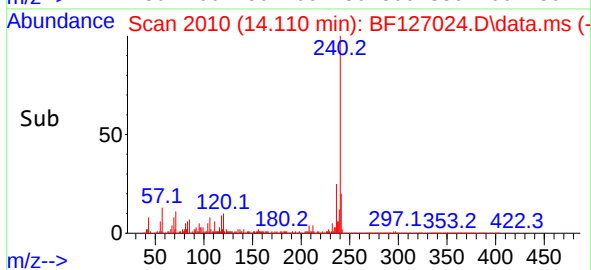
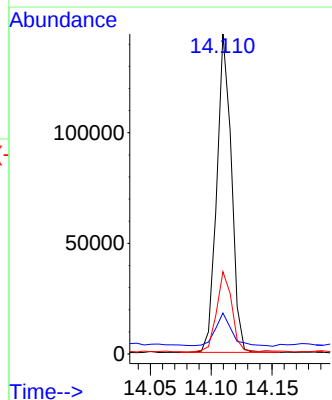
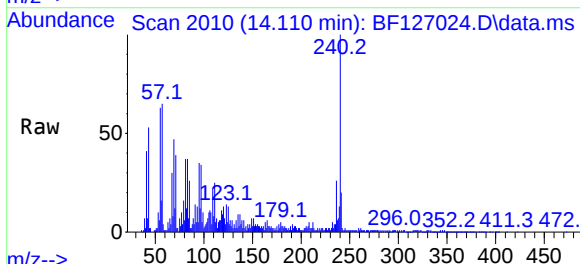
Instrument :
BNA_F
ClientSampleId :
CC-A1

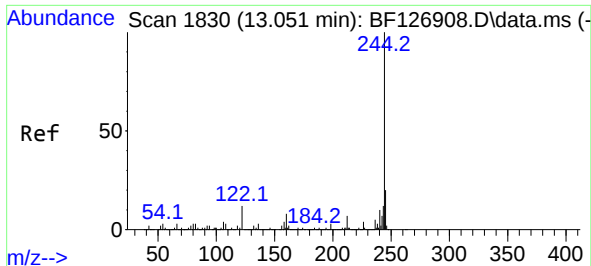
Tgt Ion:202 Resp: 42439
Ion Ratio Lower Upper
202 100
101 31.7 0.0 35.7
203 19.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion:240 Resp: 120140
Ion Ratio Lower Upper
240 100
120 12.8 14.4 21.6#
236 25.7 20.5 30.7

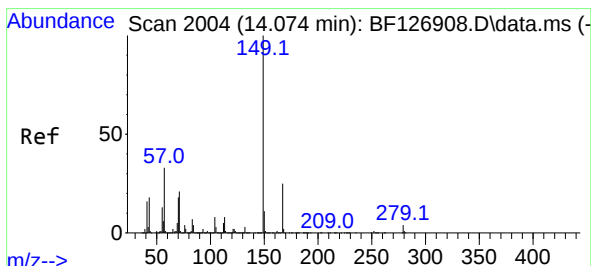
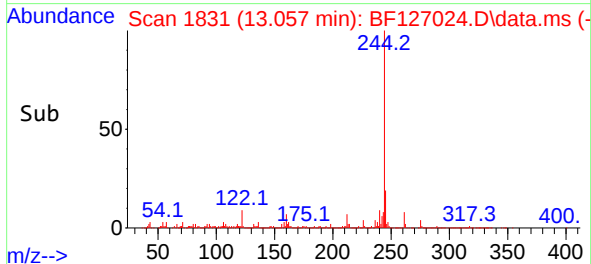
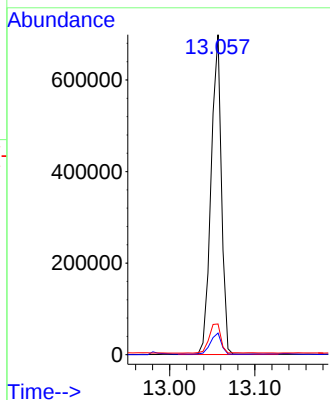
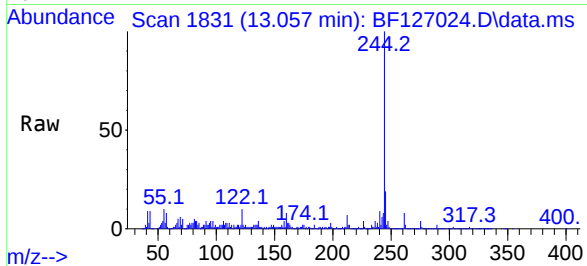




#79
 Terphenyl-d14
 Concen: 72.463 ng
 RT: 13.057 min Scan# 1830
 Delta R.T. 0.018 min
 Lab File: BF127024.D
 Acq: 22 Feb 2022 22:41

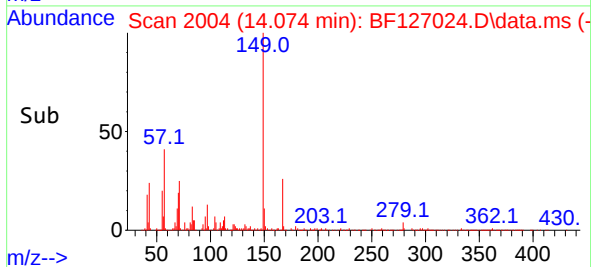
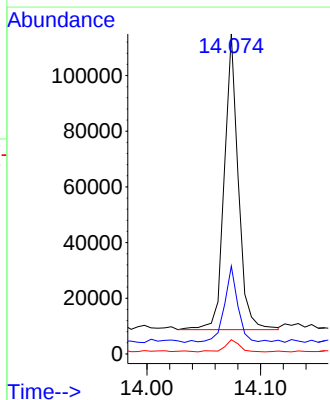
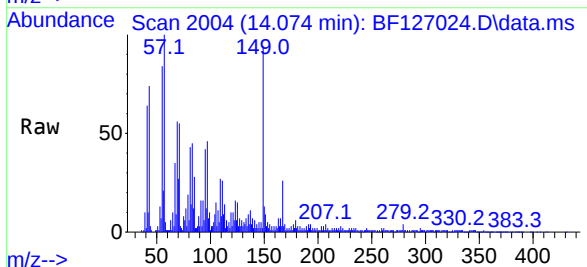
Instrument :
 BNA_F
 ClientSampleId :
 CC-A1

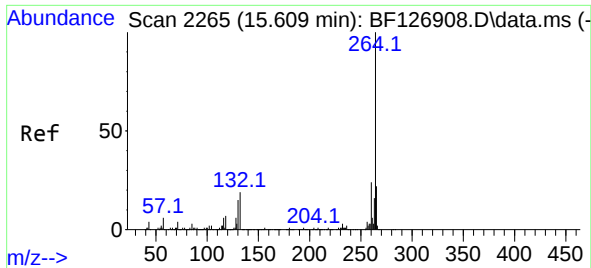
Tgt Ion:244 Resp: 592211
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.6 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.093 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. 0.012 min
 Lab File: BF127024.D
 Acq: 22 Feb 2022 22:41

Tgt Ion:149 Resp: 91424
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.2
 279 4.5 2.4 3.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Instrument :
BNA_F
ClientSampleId :
CC-A1

Tgt Ion:264 Resp: 90070

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.4	26.2

