

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127588.D
 Acq On : 30 Mar 2022 15:16
 Operator : CG\JU
 Sample : PB143741BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143741BL

Quant Time: Mar 30 16:35:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

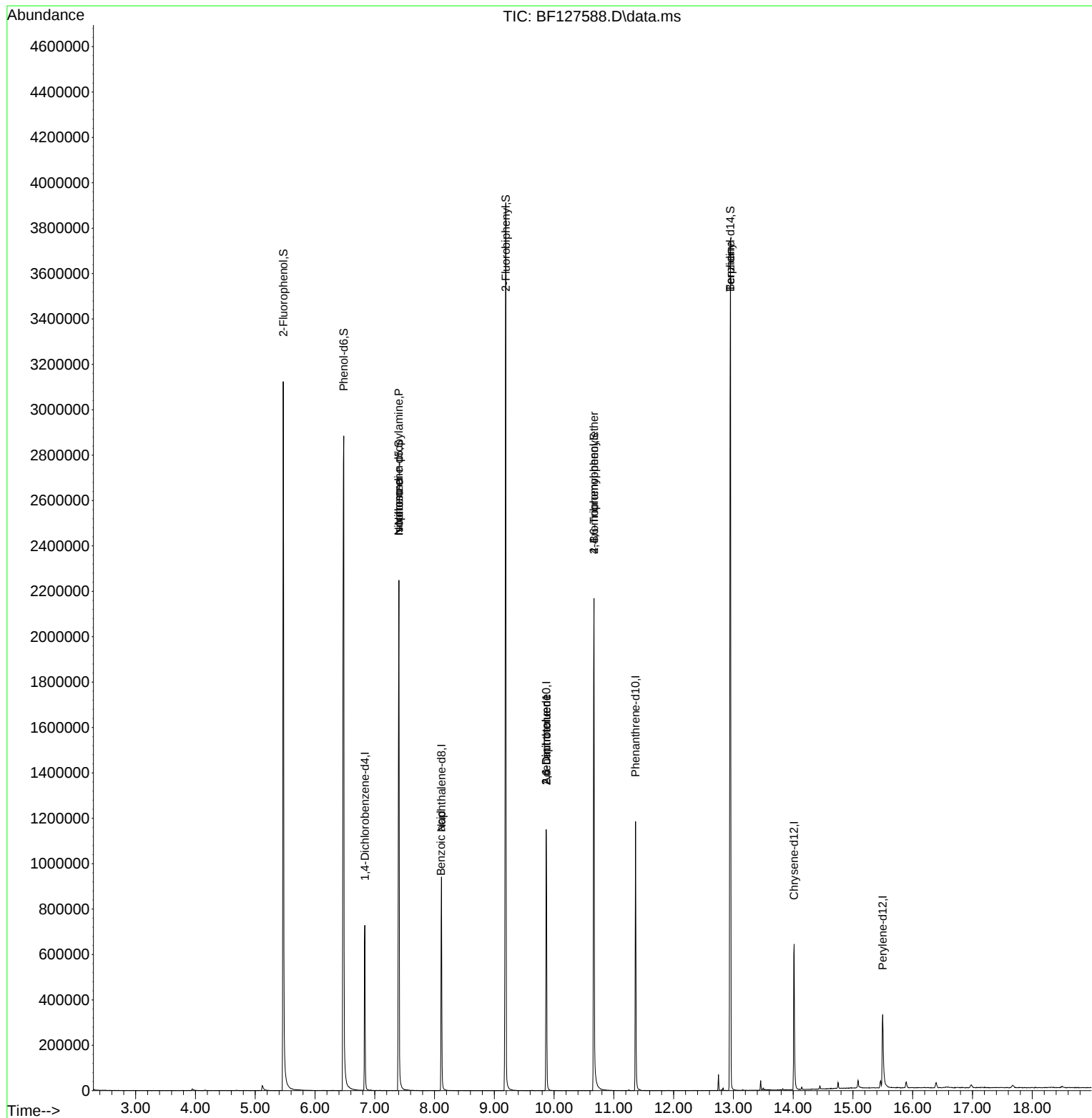
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	108473	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	405515	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	234041	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	411963	20.000	ng	0.00
76) Chrysene-d12	14.015	240	258216	20.000	ng	0.00
86) Perylene-d12	15.498	264	193880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	837571	123.252	ng	0.01
7) Phenol-d6	6.481	99	1137198	122.423	ng	0.00
23) Nitrobenzene-d5	7.404	82	792302	83.517	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	278381	111.659	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1313404	81.946	ng	0.00
79) Terphenyl-d14	12.951	244	1404899	89.067	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1788	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	107500	19.307	ng	# 79
25) Isophorone	7.404	82	792297	52.437	ng	# 70
32) Benzoic acid	8.110	122	59	6.058	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	30192	8.834	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30192	6.863	ng	# 13
58) Fluorene	10.669	166	10470	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.669	248	18889	3.927	ng	# 1
77) Benzidine	12.951	184	16875	2.741	ng	# 91

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

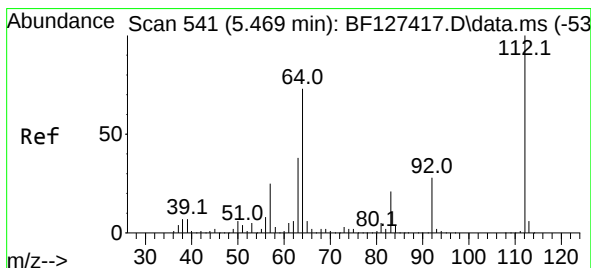
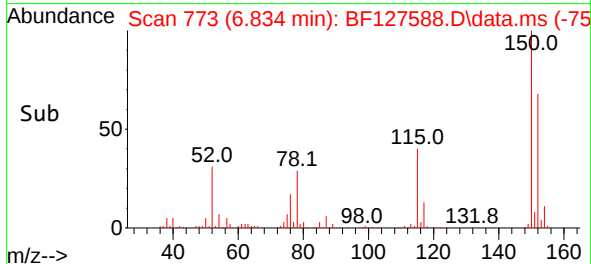
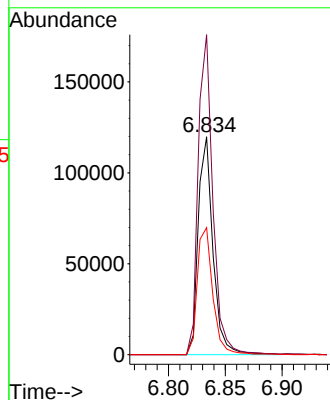
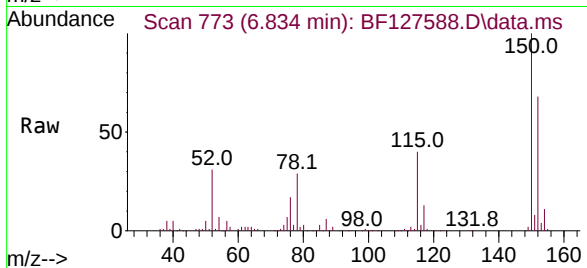




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

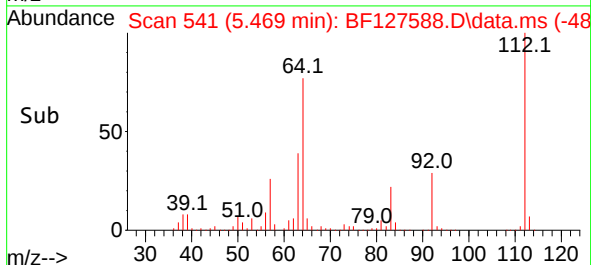
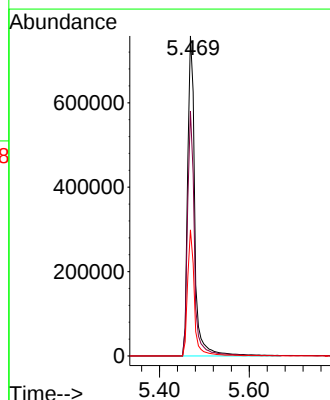
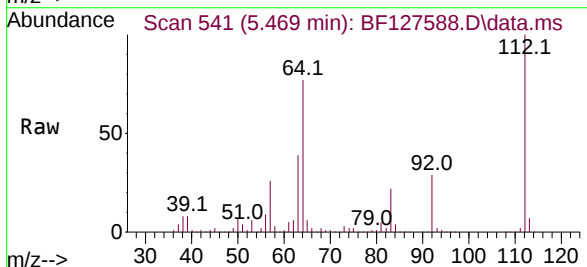
Instrument :
BNA_F
ClientSampleId :
PB143741BL

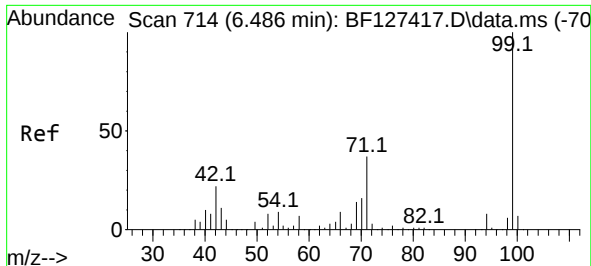
Tgt Ion:152 Resp: 108473
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 58.3 49.8 74.6



#5
2-Fluorophenol
Concen: 123.252 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

Tgt Ion:112 Resp: 837571
Ion Ratio Lower Upper
112 100
64 76.6 58.4 87.6
63 39.4 30.1 45.1

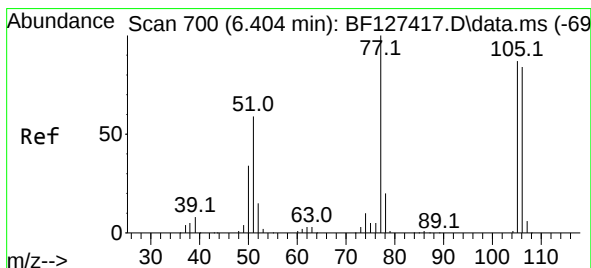
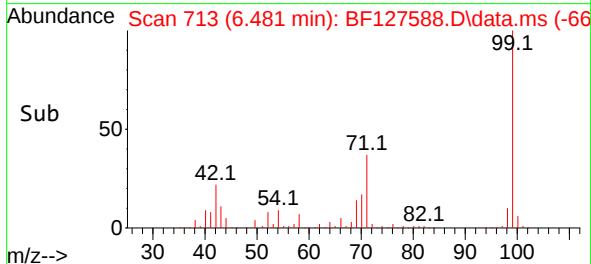
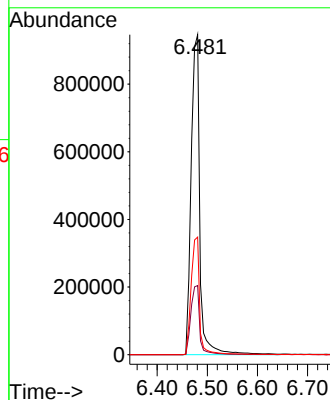
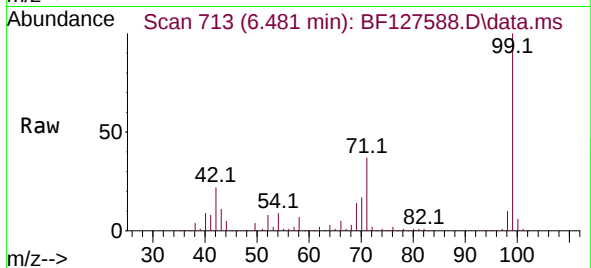




#7
Phenol-d6
Concen: 122.423 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

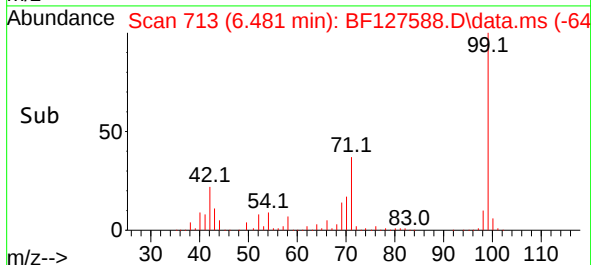
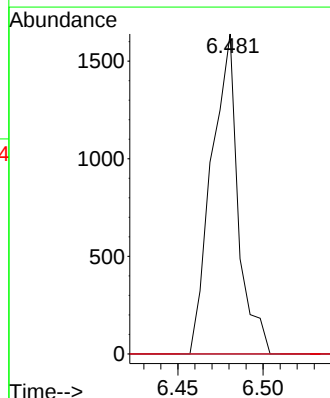
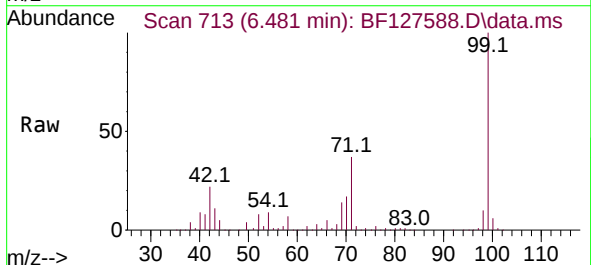
Instrument :
BNA_F
ClientSampleId :
PB143741BL

Tgt Ion: 99 Resp: 1137198
Ion Ratio Lower Upper
99 100
42 21.6 17.8 26.6
71 36.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

Tgt Ion: 77 Resp: 1788
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.307 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127588.D

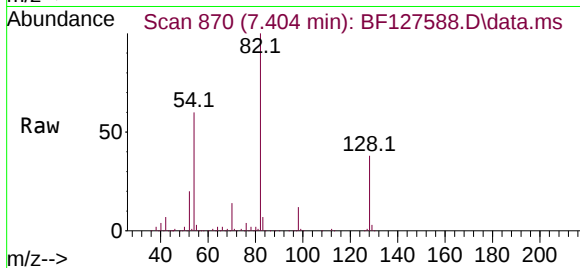
Acq: 30 Mar 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB143741BL



Tgt Ion: 70 Resp: 107500

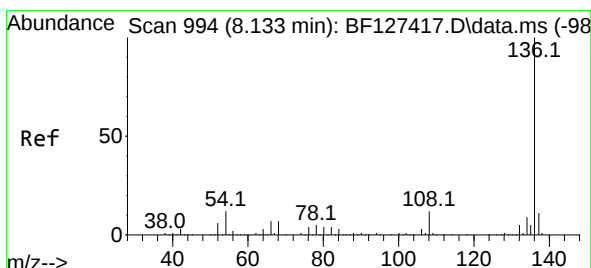
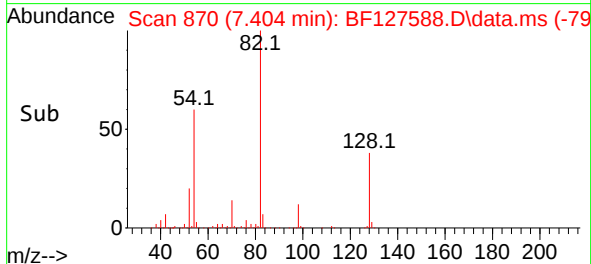
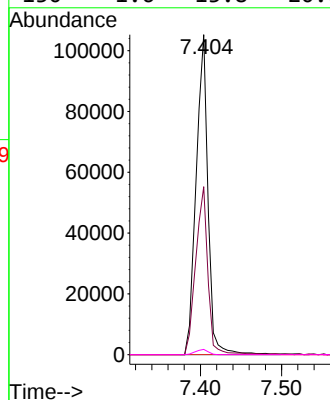
Ion Ratio Lower Upper

70 100

42 52.5 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127588.D

Acq: 30 Mar 2022 15:16

Tgt Ion: 136 Resp: 405515

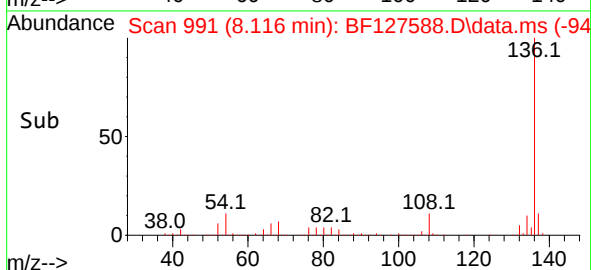
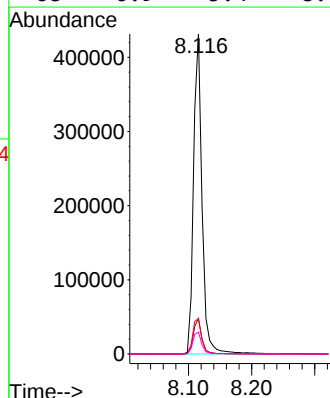
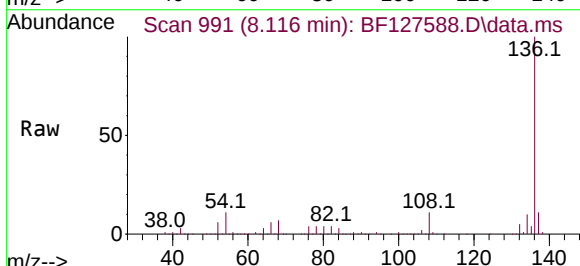
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 11.1 9.2 13.8

68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.517 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127588.D

Acq: 30 Mar 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB143741BL

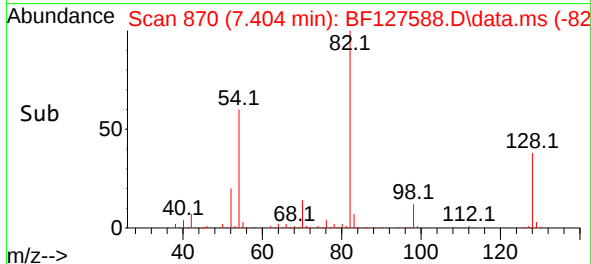
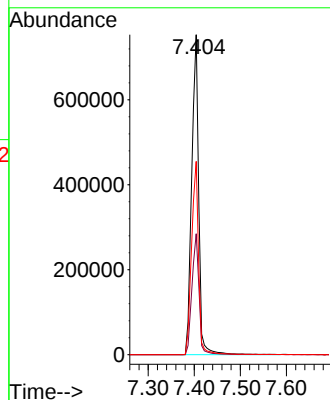
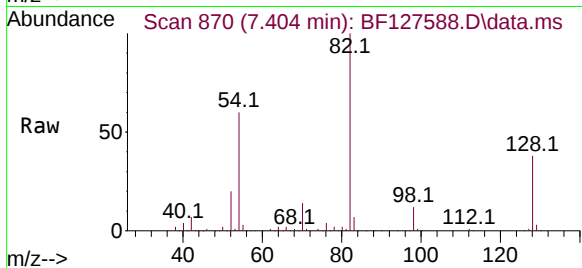
Tgt Ion: 82 Resp: 792302

Ion Ratio Lower Upper

82 100

128 37.8 30.6 45.8

54 60.4 48.2 72.2



#25

Isophorone

Concen: 52.437 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127588.D

Acq: 30 Mar 2022 15:16

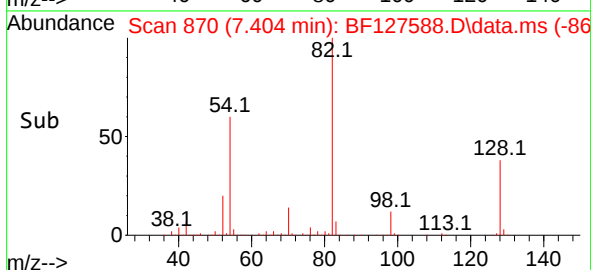
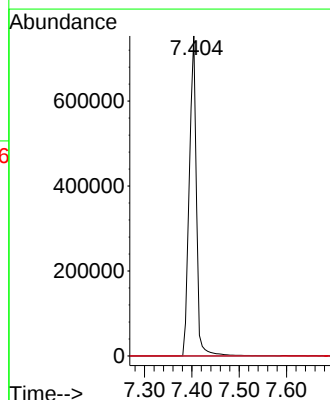
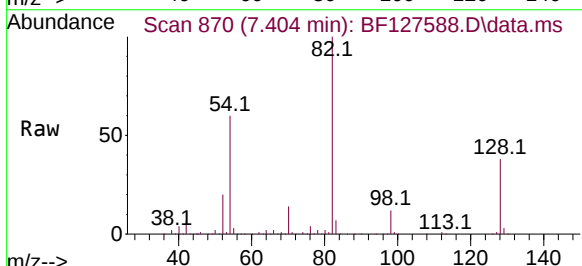
Tgt Ion: 82 Resp: 792297

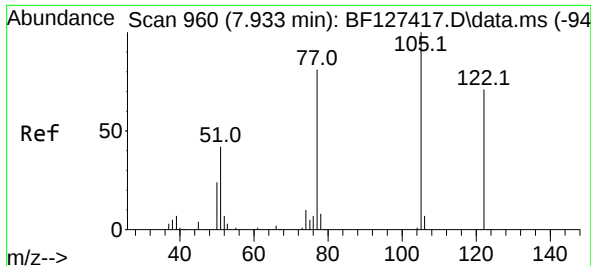
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

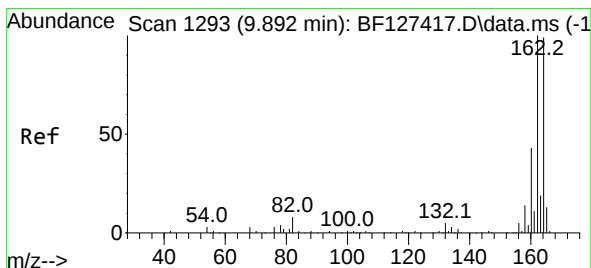
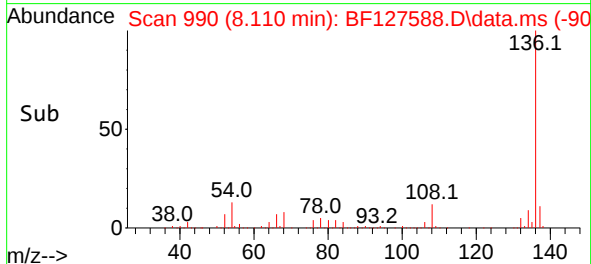
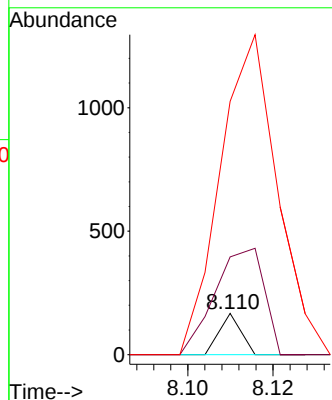
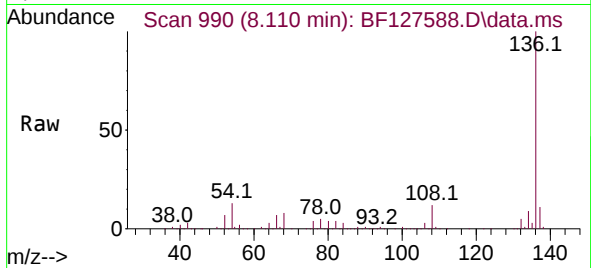




#32
Benzoic acid
Concen: 6.058 ng
RT: 8.110 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

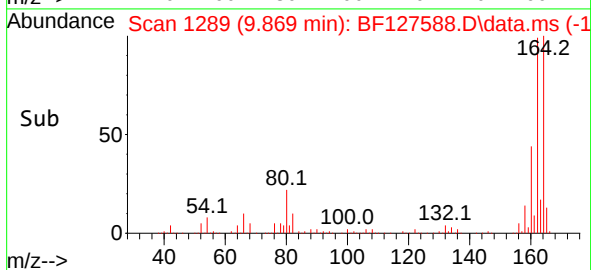
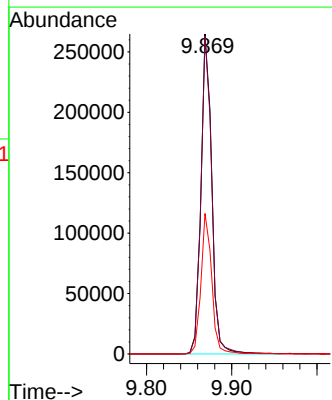
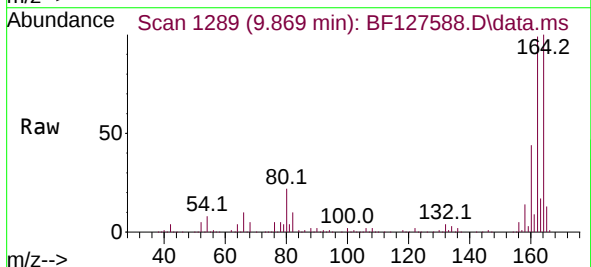
Instrument :
BNA_F
ClientSampleId :
PB143741BL

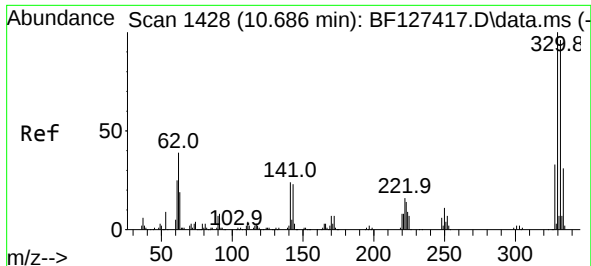
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 237.1 117.1 157.1#
77 614.4 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

Tgt Ion:164 Resp: 234041
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 43.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 111.659 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127588.D

Acq: 30 Mar 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB143741BL

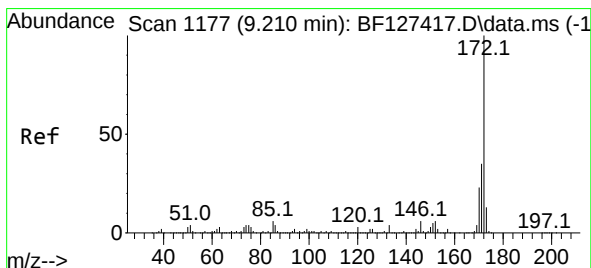
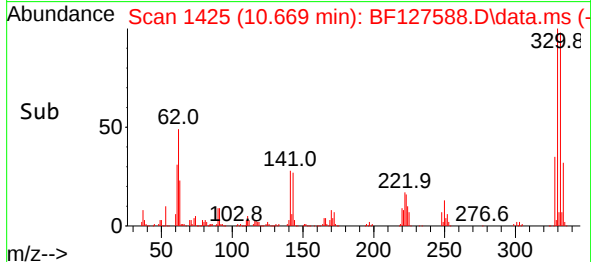
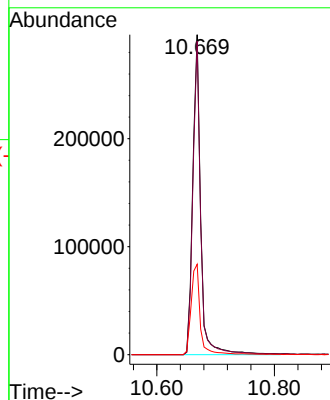
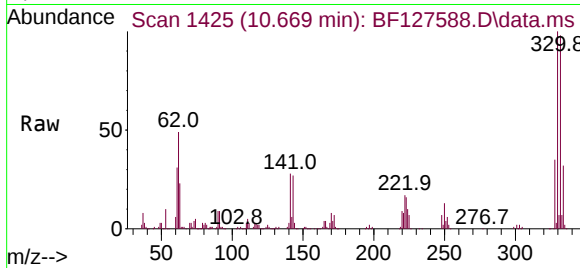
Tgt Ion:330 Resp: 278381

Ion Ratio Lower Upper

330 100

332 95.9 79.1 118.7

141 31.9 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 81.946 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127588.D

Acq: 30 Mar 2022 15:16

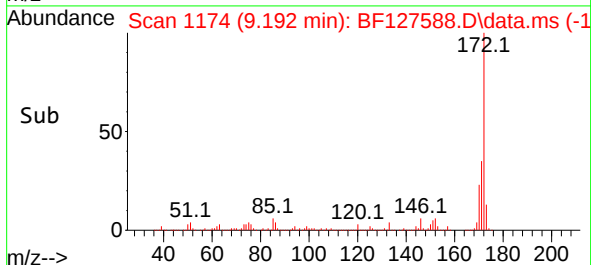
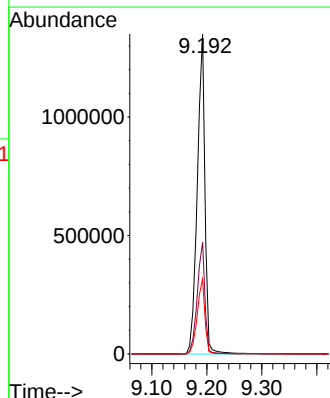
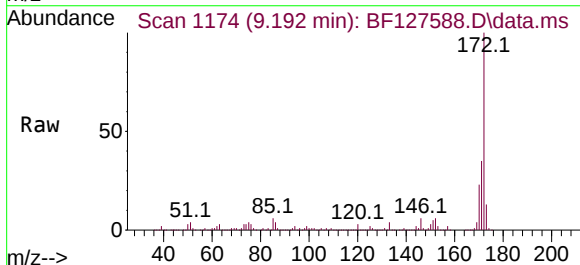
Tgt Ion:172 Resp: 1313404

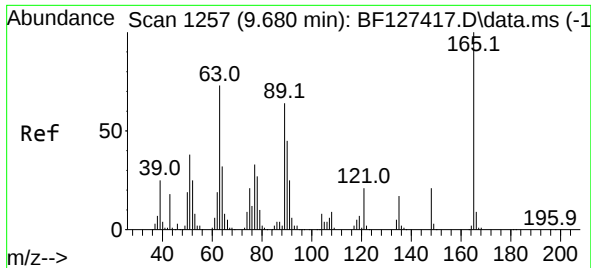
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.4 18.6 27.8

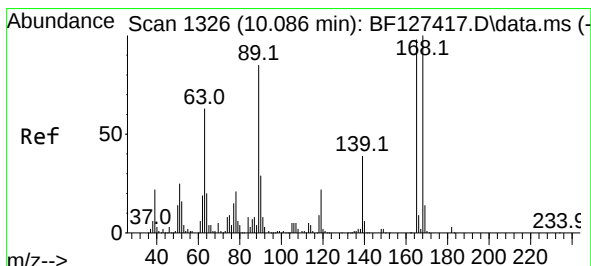
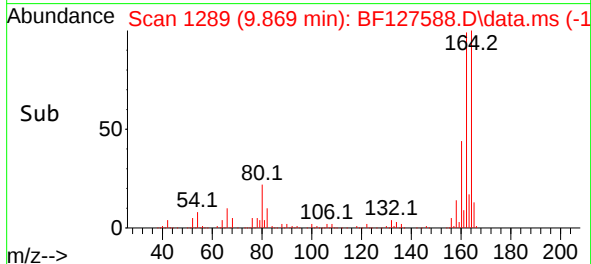
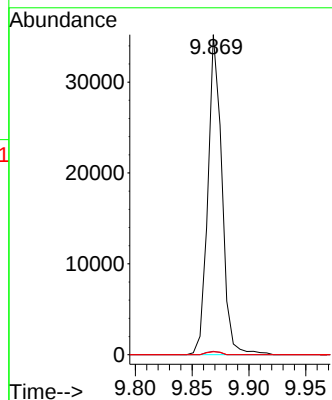
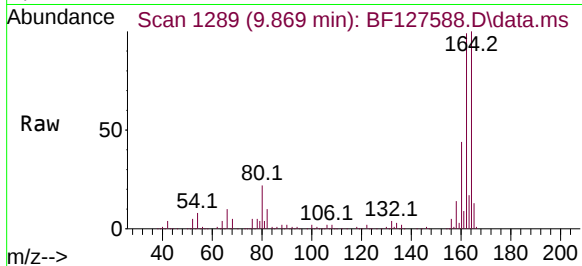




#51
2,6-Dinitrotoluene
Concen: 8.834 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

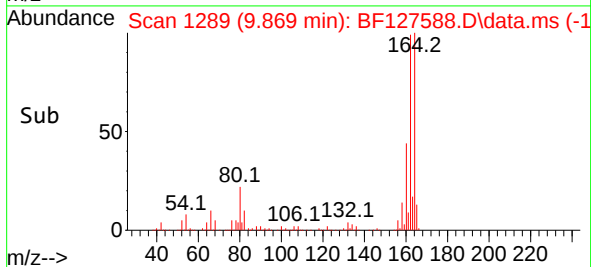
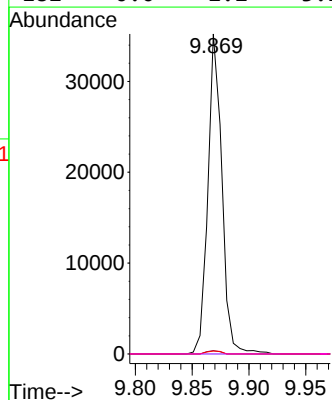
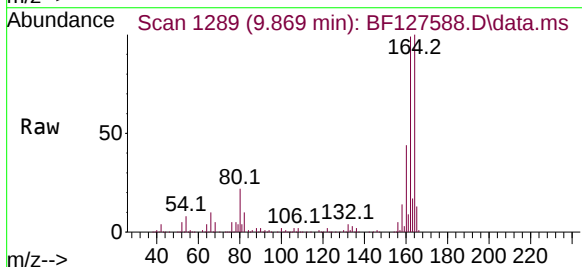
Instrument :
BNA_F
ClientSampleId :
PB143741BL

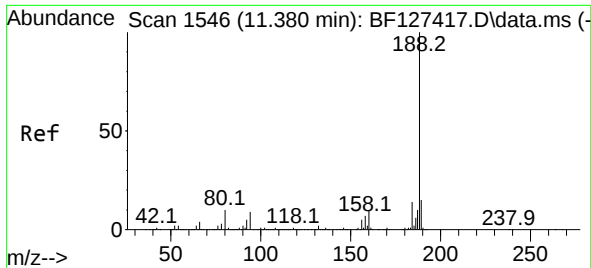
Tgt Ion:165 Resp: 30192
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 0.9 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

Tgt Ion:165 Resp: 30192
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 0.9 69.2 103.8#
182 0.0 2.2 3.2#

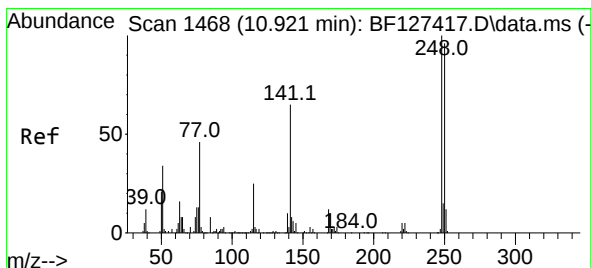
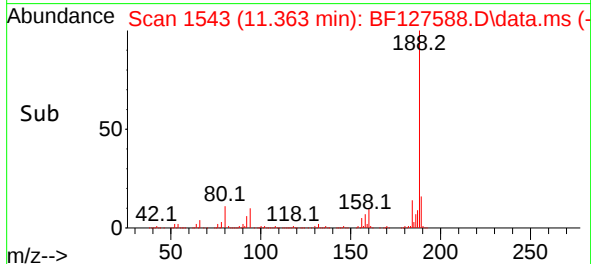
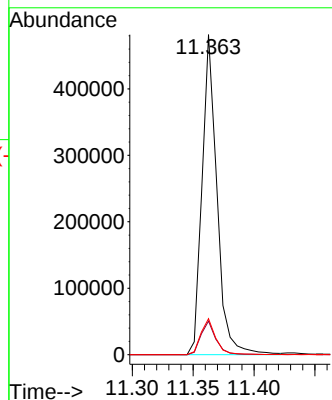
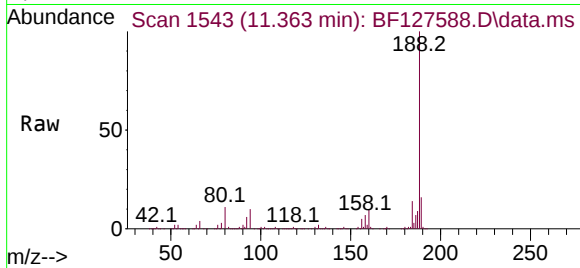




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

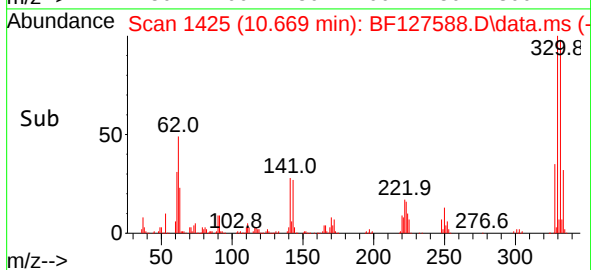
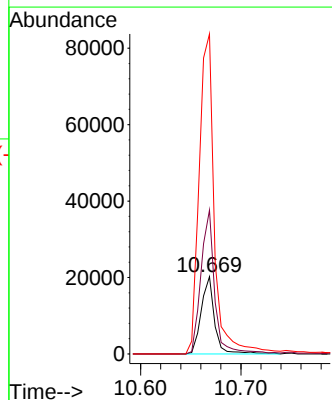
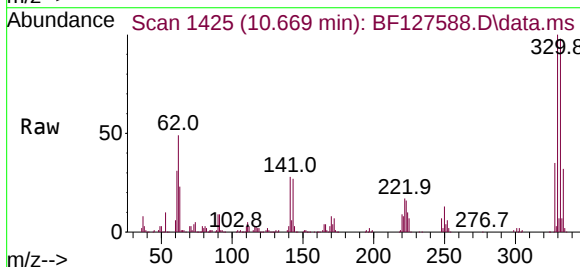
Instrument :
BNA_F
ClientSampleId :
PB143741BL

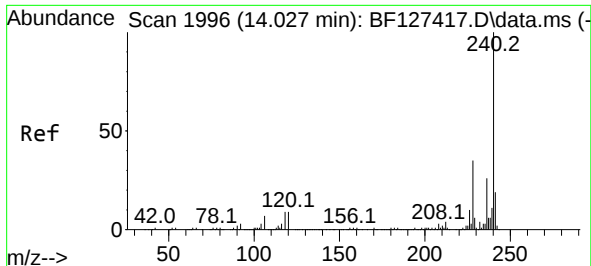
Tgt Ion:188 Resp: 411963
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.927 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

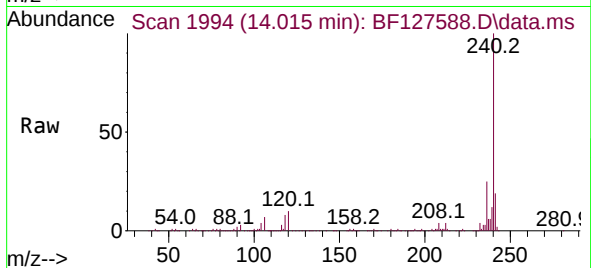
Tgt Ion:248 Resp: 18889
Ion Ratio Lower Upper
248 100
250 186.0 76.6 115.0#
141 414.0 52.2 78.2#



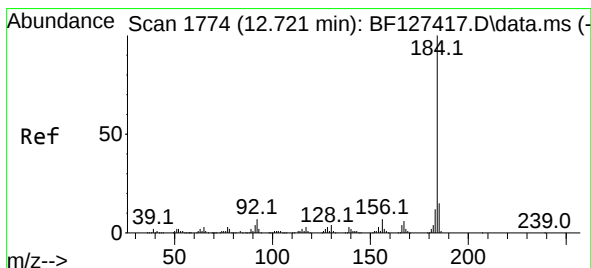
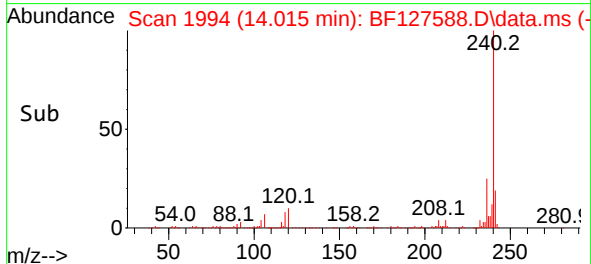
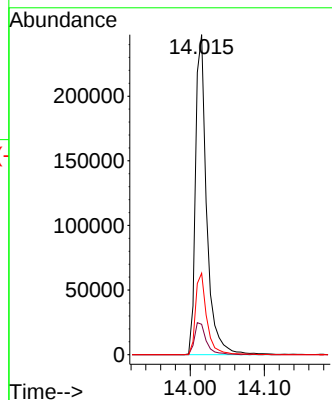


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

Instrument :
BNA_F
ClientSampleId :
PB143741BL

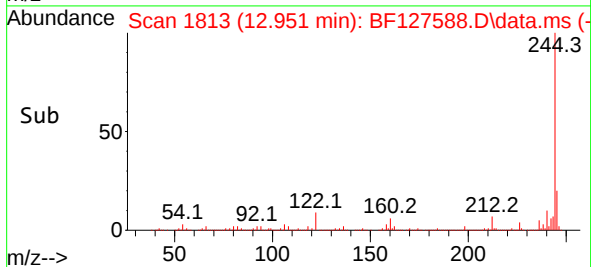
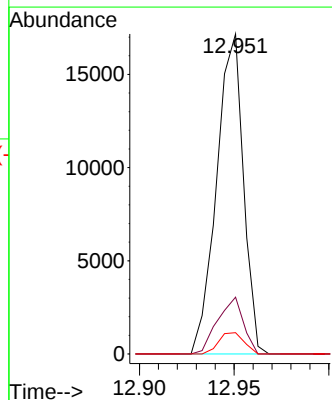
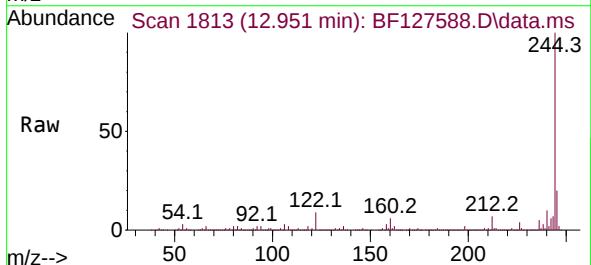


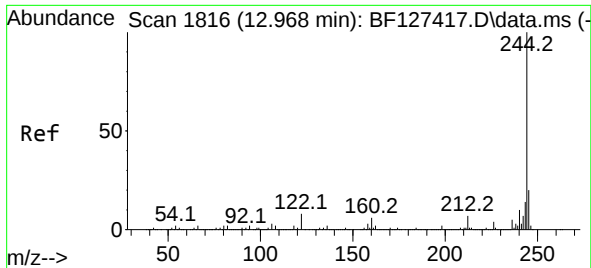
Tgt Ion:240 Resp: 258216
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 25.5 20.7 31.1



#77
Benzidine
Concen: 2.741 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127588.D
Acq: 30 Mar 2022 15:16

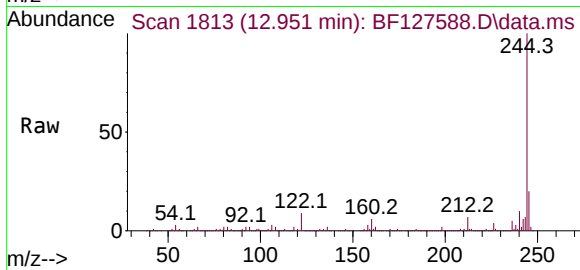
Tgt Ion:184 Resp: 16875
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.2
183 6.7 9.4 14.0#



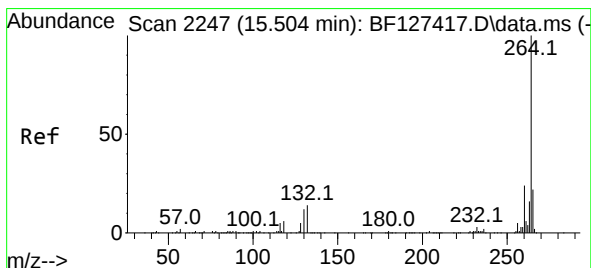
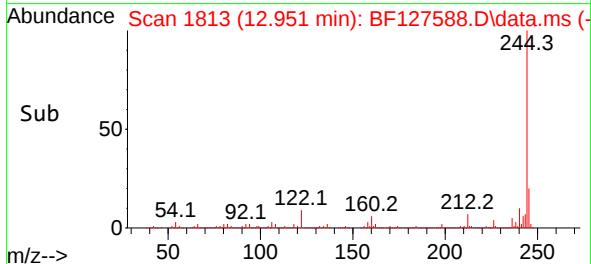
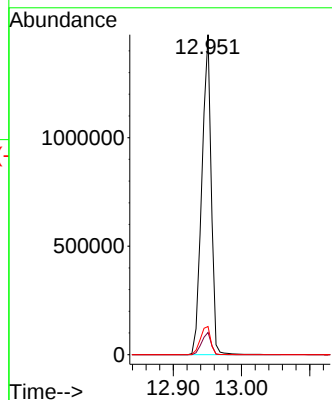


#79
 Terphenyl-d14
 Concen: 89.067 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127588.D
 Acq: 30 Mar 2022 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB143741BL



Tgt Ion:244 Resp: 1404899
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.8 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127588.D
 Acq: 30 Mar 2022 15:16

Tgt Ion:264 Resp: 193880
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.0 17.4 26.2

