

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127446.D
 Acq On : 22 Mar 2022 10:25
 Operator : CG\JU
 Sample : N1962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 15:24:18 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 22 02:16:33 2022
 Response via : Initial Calibration

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

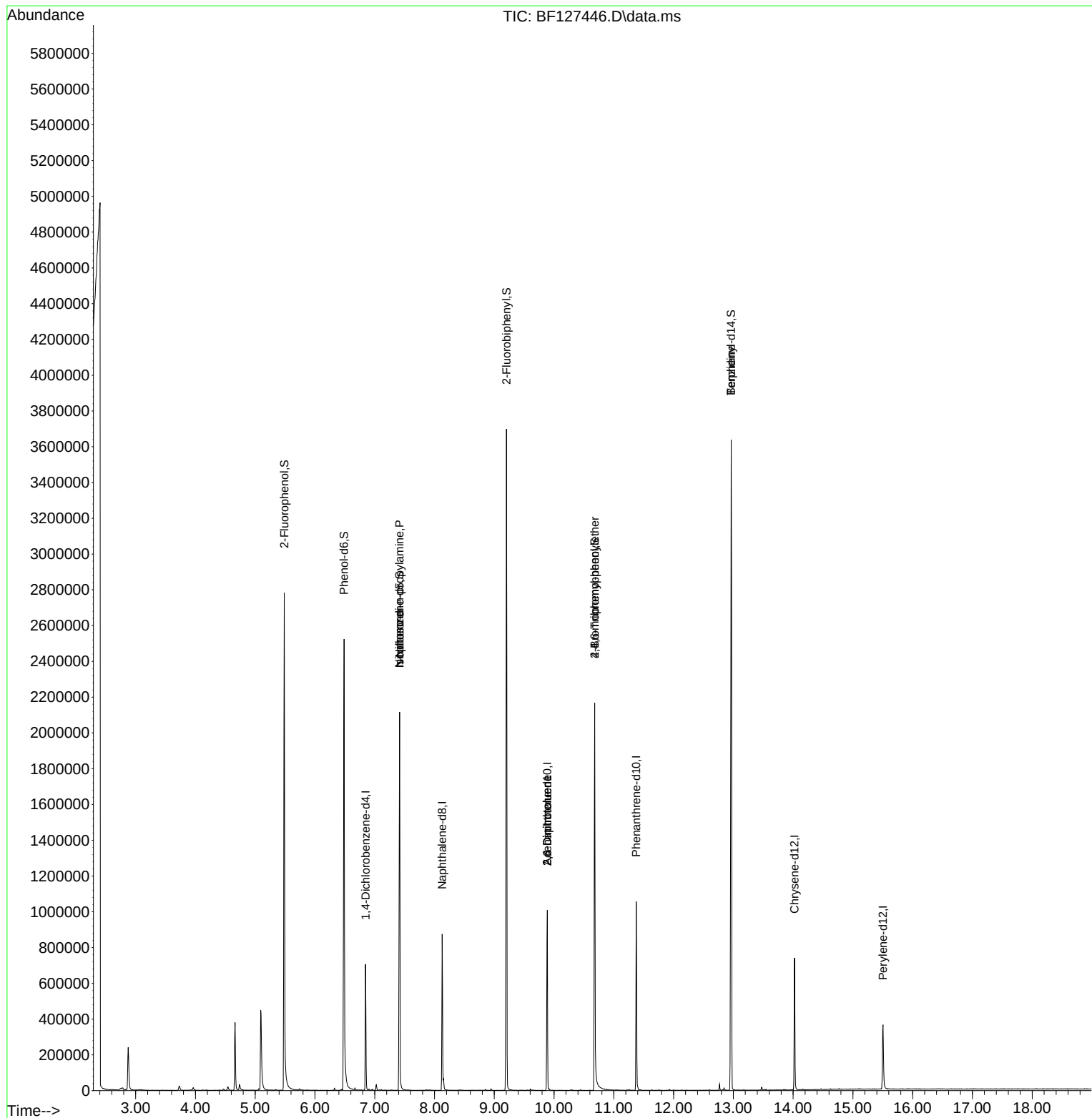
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92879	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	341251	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	197408	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	366665	20.000	ng	0.00
76) Chrysene-d12	14.021	240	246376	20.000	ng	0.00
86) Perylene-d12	15.504	264	179294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	703763	120.949	ng	0.02
7) Phenol-d6	6.487	99	886751	111.489	ng	0.00
23) Nitrobenzene-d5	7.416	82	692390	86.730	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	272632	129.646	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1161660	85.928	ng	0.00
79) Terphenyl-d14	12.963	244	1403795	93.274	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1872	Below Cal	#	23
19) n-Nitroso-di-n-propyla...	7.416	70	94091	19.736	ng	# 80
25) Isophorone	7.416	82	692383	54.454	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	24968	8.661	ng	# 17
55) Dibenzofuran	10.104	168	509	Below Cal	#	79
57) 2,4-Dinitrotoluene	9.886	165	24968	6.729	ng	# 13
58) Fluorene	10.439	166	1240	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.681	248	17641	4.121	ng	# 1
77) Benzidine	12.963	184	17145	2.919	ng	# 92

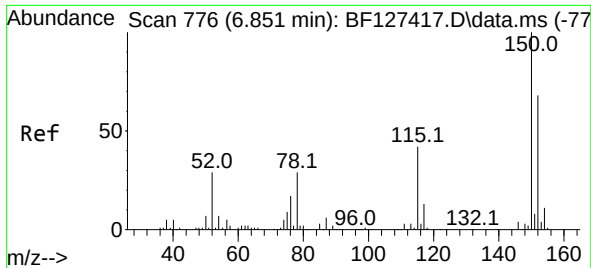
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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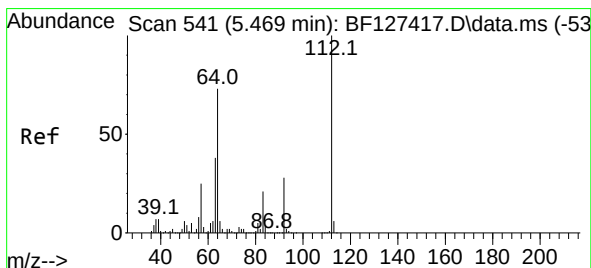
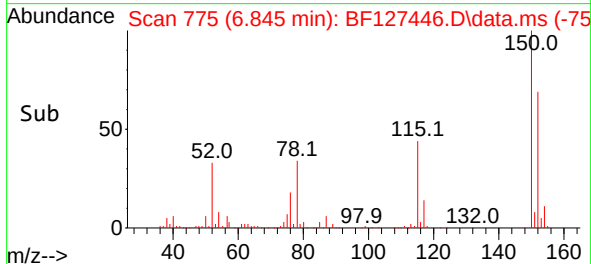
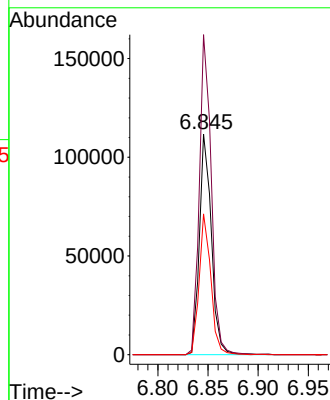
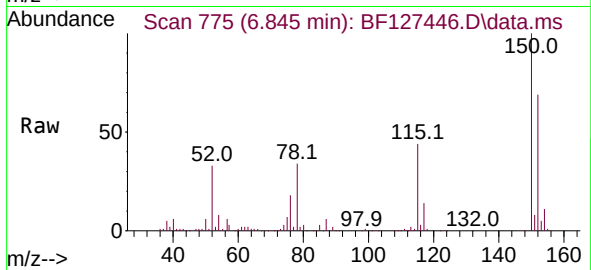




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127446.D
 Acq: 22 Mar 2022 10:25

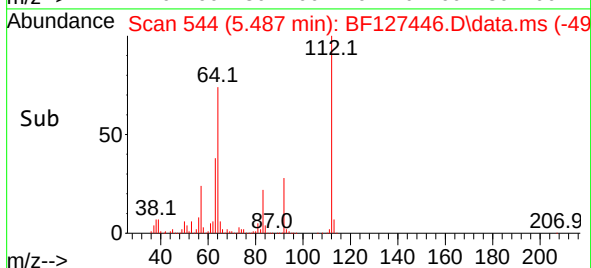
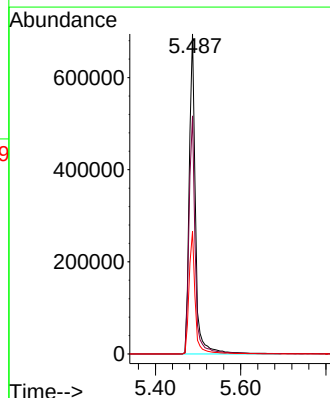
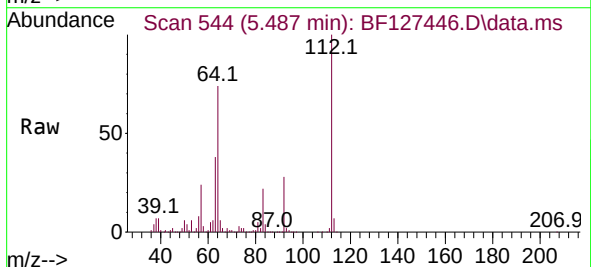
Instrument :
 BNA_F
 ClientSampleId :

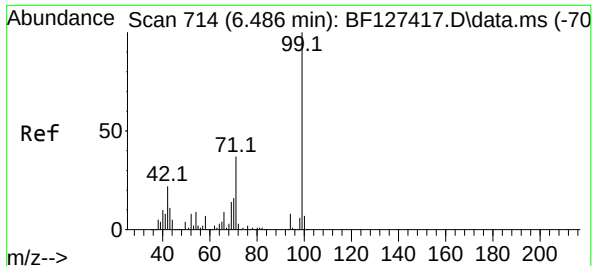
Tgt Ion:152 Resp: 92879
 Ion Ratio Lower Upper
 152 100
 150 145.0 117.2 175.8
 115 63.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 120.949 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.018 min
 Lab File: BF127446.D
 Acq: 22 Mar 2022 10:25

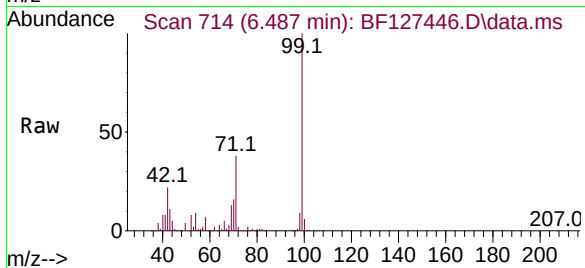
Tgt Ion:112 Resp: 703763
 Ion Ratio Lower Upper
 112 100
 64 74.4 58.4 87.6
 63 38.3 30.1 45.1



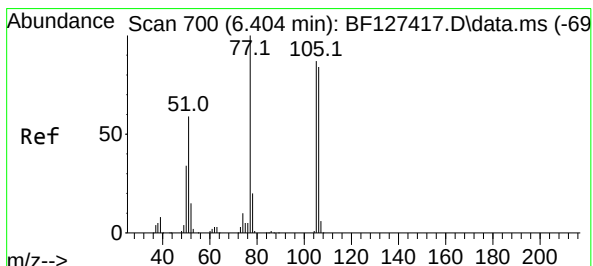
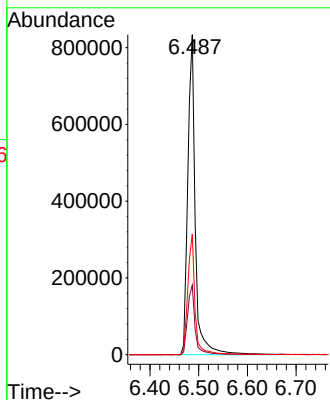
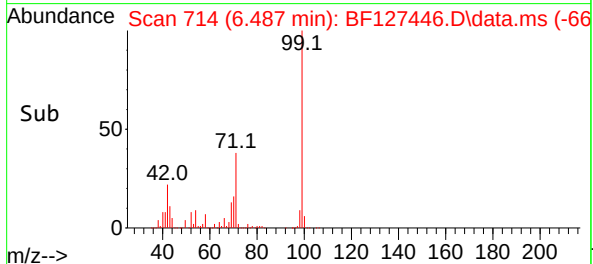


#7
Phenol-d6
Concen: 111.489 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

Instrument :
BNA_F
ClientSampleId :

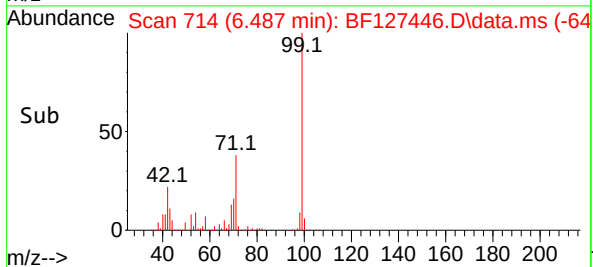
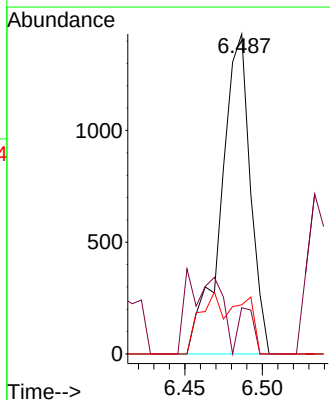
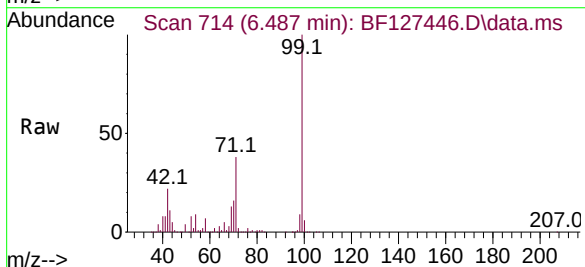


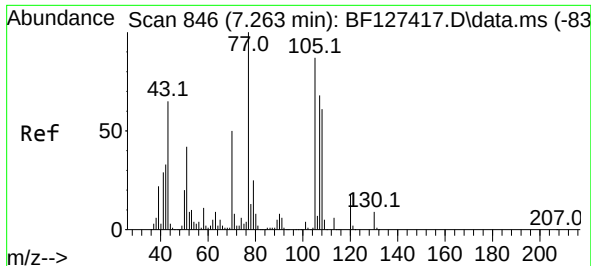
Tgt Ion: 99 Resp: 886751
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 37.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

Tgt Ion: 77 Resp: 1872
Ion Ratio Lower Upper
77 100
105 14.5 66.8 106.8#
106 15.4 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.736 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

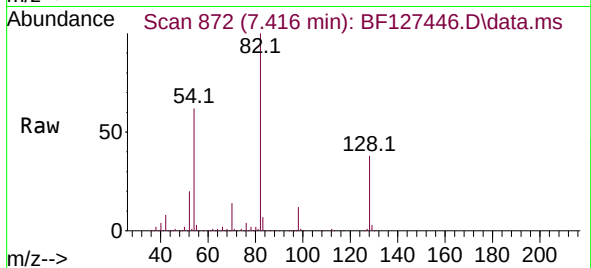
Lab File: BF127446.D

Acq: 22 Mar 2022 10:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 94091

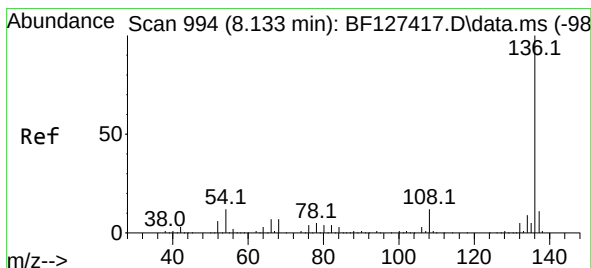
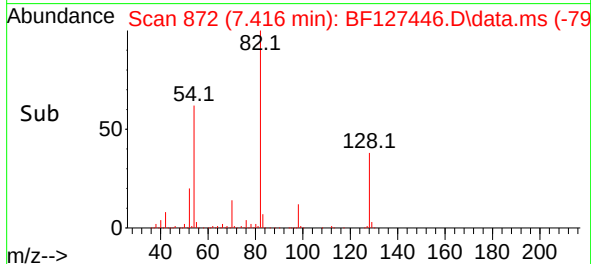
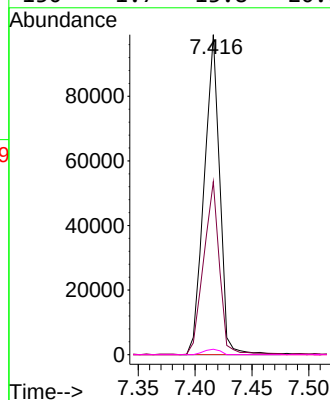
Ion Ratio Lower Upper

70 100

42 54.0 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127446.D

Acq: 22 Mar 2022 10:25

Tgt Ion: 136 Resp: 341251

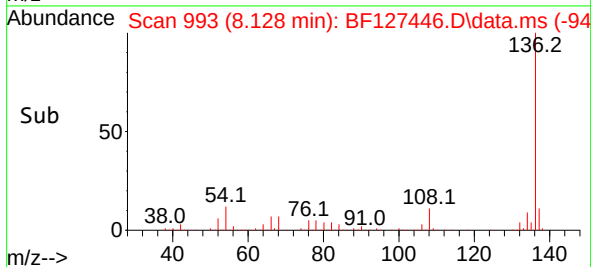
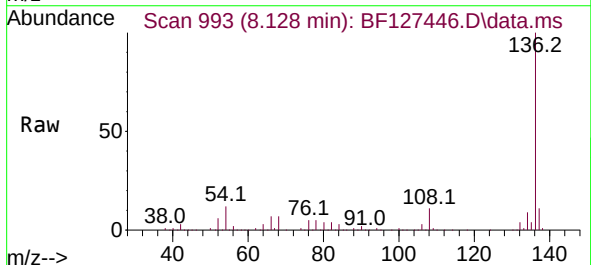
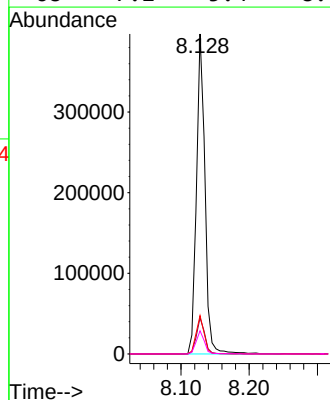
Ion Ratio Lower Upper

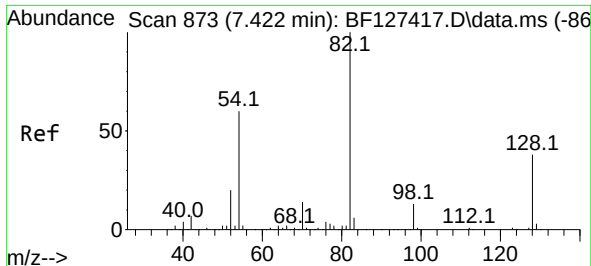
136 100

137 11.3 8.6 13.0

54 12.0 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 86.730 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

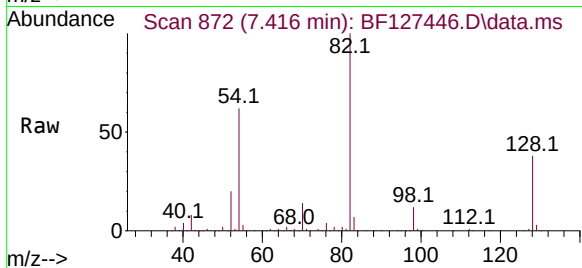
Lab File: BF127446.D

Acq: 22 Mar 2022 10:25

Instrument :

BNA_F

ClientSampleId :



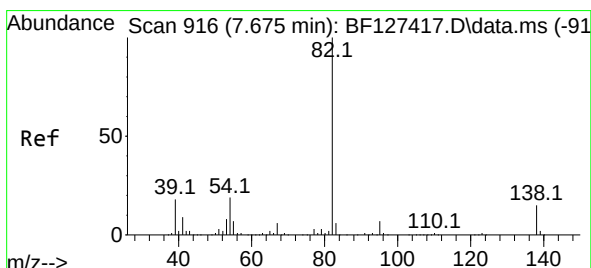
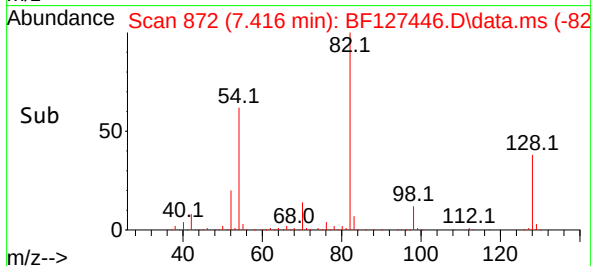
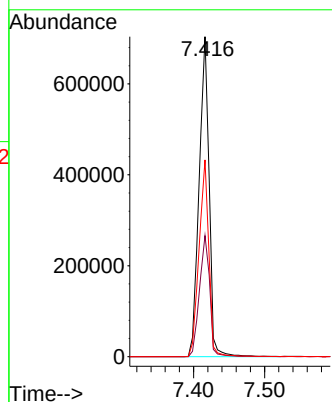
Tgt Ion: 82 Resp: 692390

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.5 48.2 72.2



#25

Isophorone

Concen: 54.454 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127446.D

Acq: 22 Mar 2022 10:25

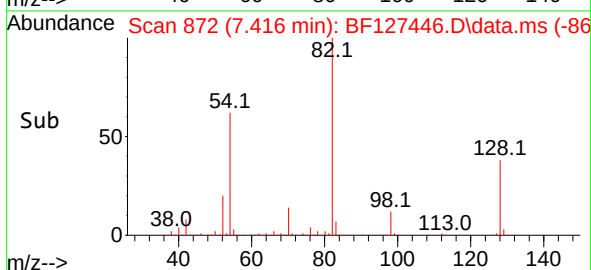
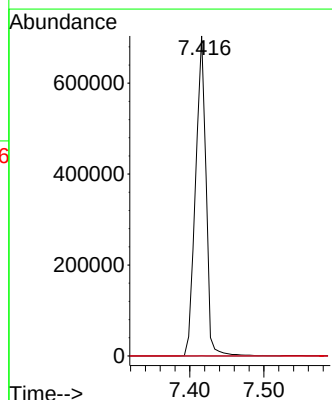
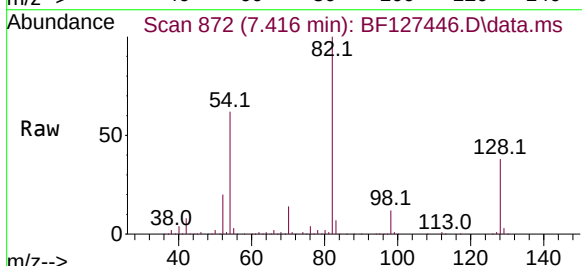
Tgt Ion: 82 Resp: 692383

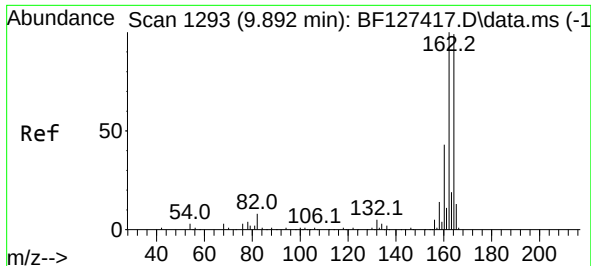
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

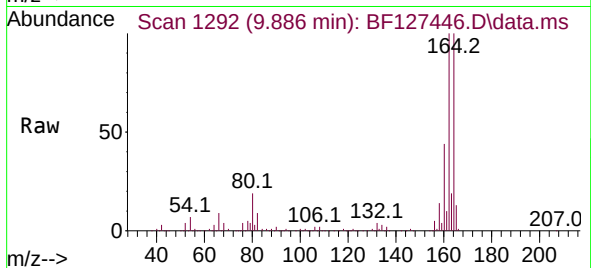
138 0.0 11.6 17.4#



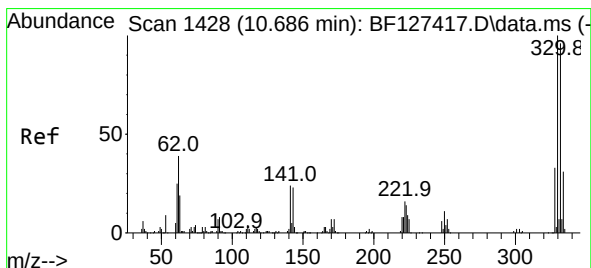
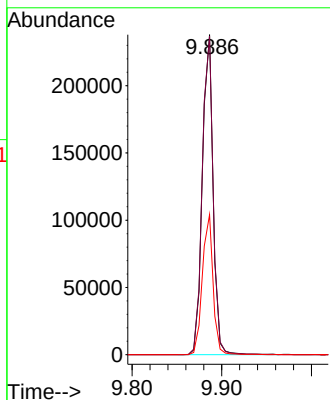
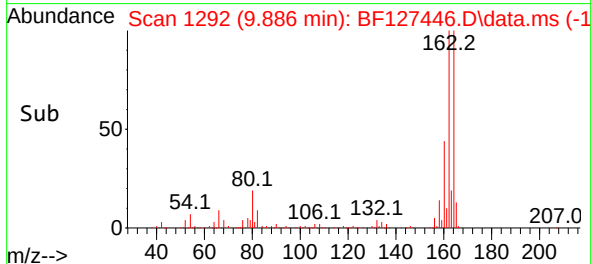


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

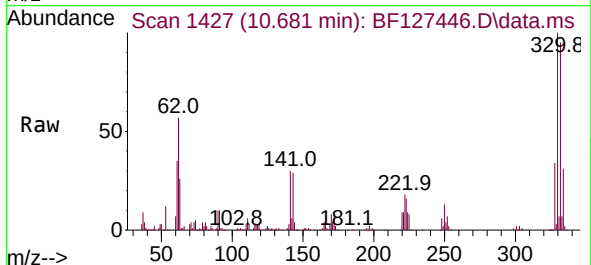
Instrument :
BNA_F
ClientSampleId :



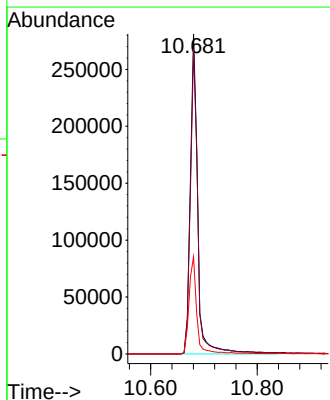
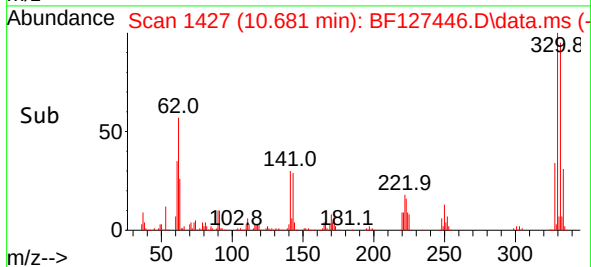
Tgt Ion:164 Resp: 197408
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 43.8 34.6 52.0

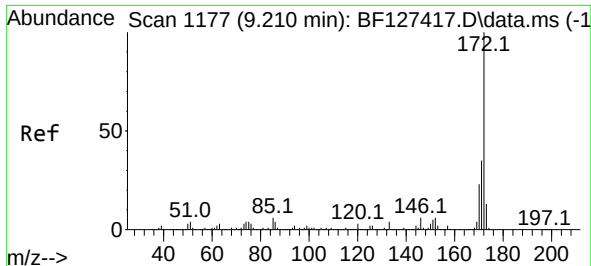


#42
2,4,6-Tribromophenol
Concen: 129.646 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25



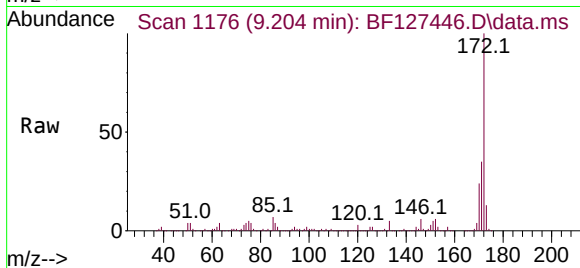
Tgt Ion:330 Resp: 272632
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 32.2 26.2 39.4



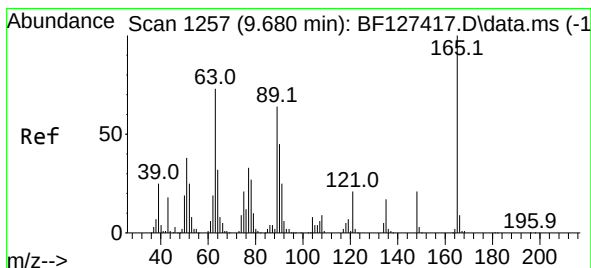
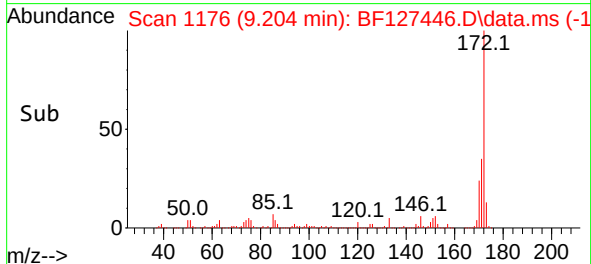
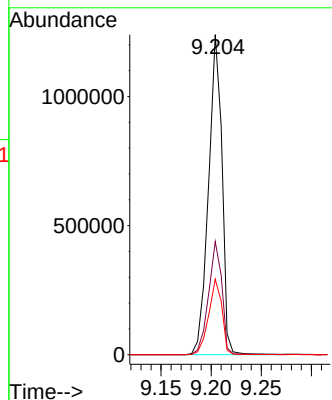


#45
2-Fluorobiphenyl
Concen: 85.928 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

Instrument :
BNA_F
ClientSampleId :

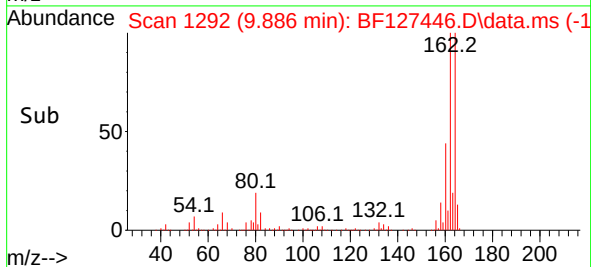
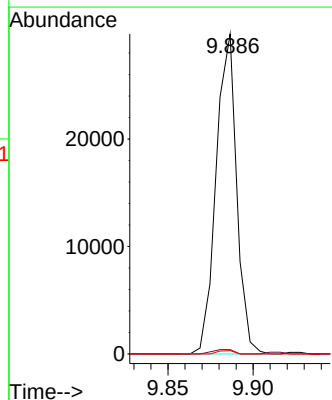
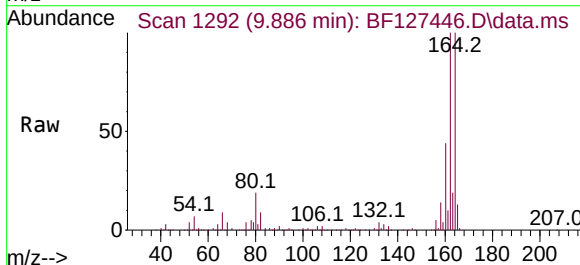


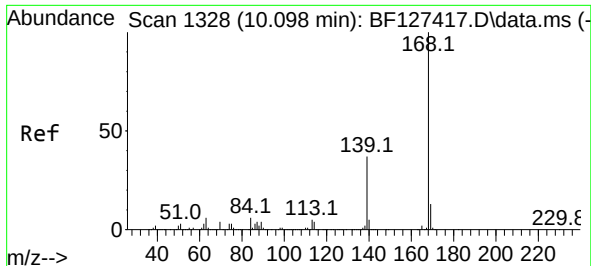
Tgt Ion:172 Resp: 1161660
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.661 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

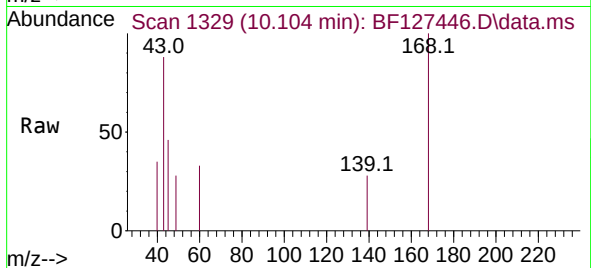
Tgt Ion:165 Resp: 24968
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.0 51.5 77.3#



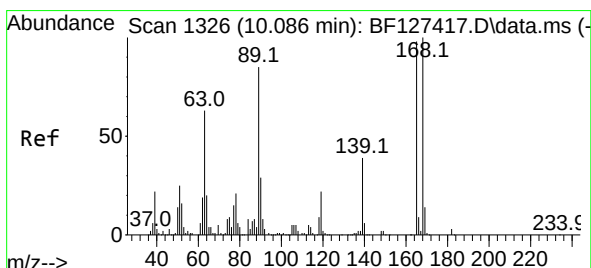
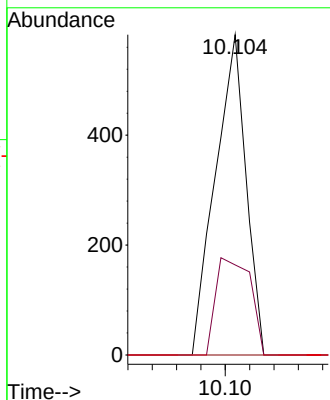
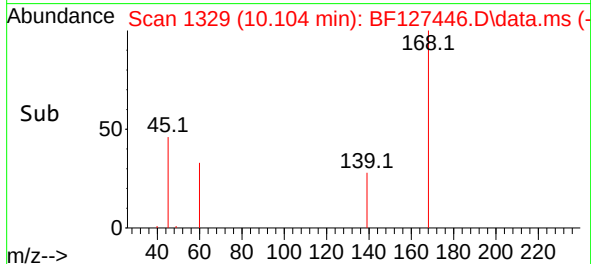


#55
Dibenzenofuran
Concen: Below Cal
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

Instrument :
BNA_F
ClientSampleId :

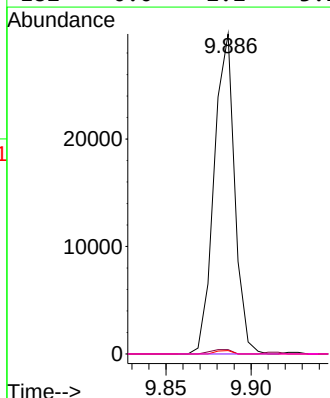
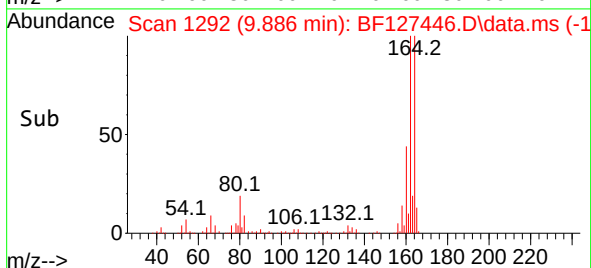
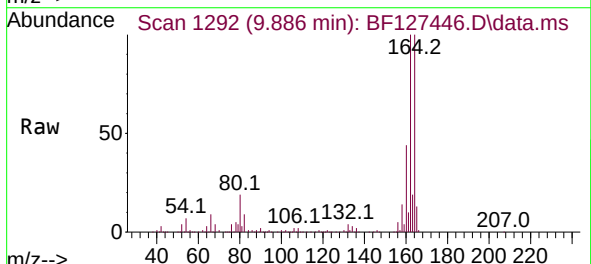


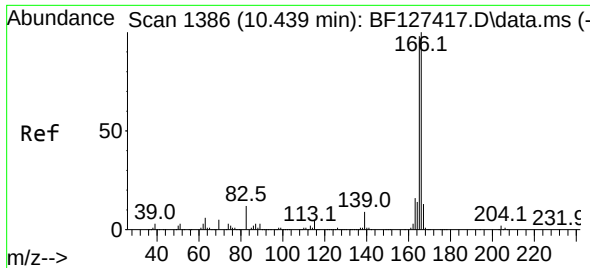
Tgt Ion:168 Resp: 509
Ion Ratio Lower Upper
168 100
139 28.1 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.729 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

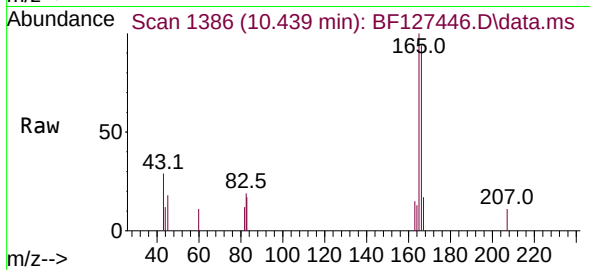
Tgt Ion:165 Resp: 24968
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



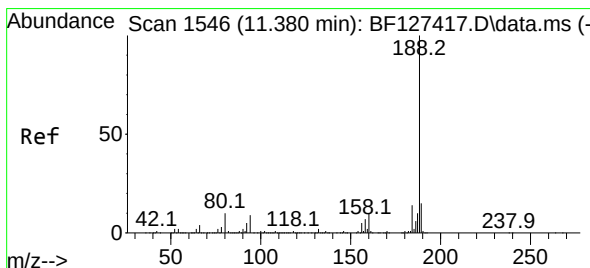
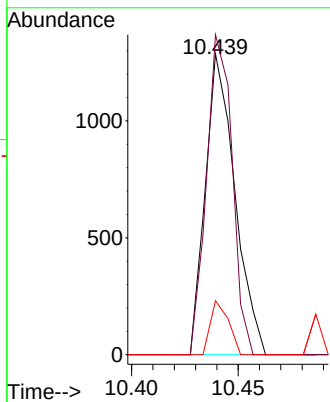
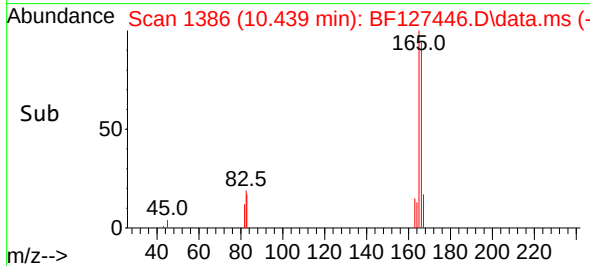


#58
 Fluorene
 Concen: Below Cal
 RT: 10.439 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127446.D
 Acq: 22 Mar 2022 10:25

Instrument :
 BNA_F
 ClientSampleId :

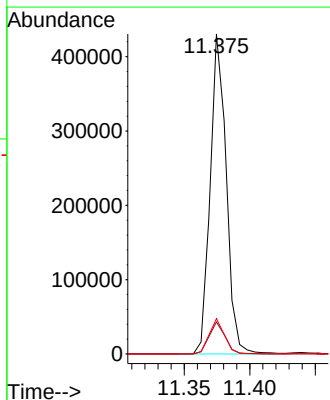
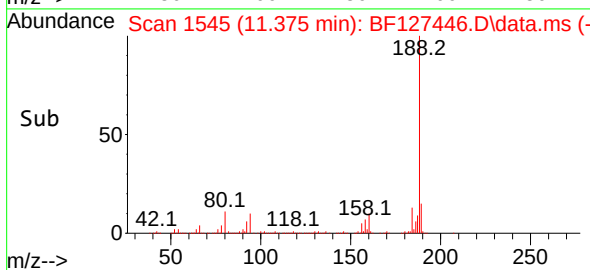
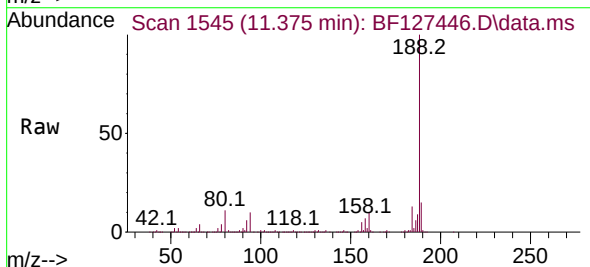


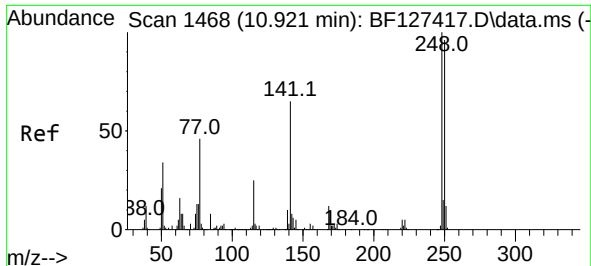
Tgt Ion:166 Resp: 1240
 Ion Ratio Lower Upper
 166 100
 165 106.4 78.1 117.1
 167 17.9 10.5 15.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.375 min Scan# 1545
 Delta R.T. -0.005 min
 Lab File: BF127446.D
 Acq: 22 Mar 2022 10:25

Tgt Ion:188 Resp: 366665
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.4 11.0
 80 11.1 8.0 12.0

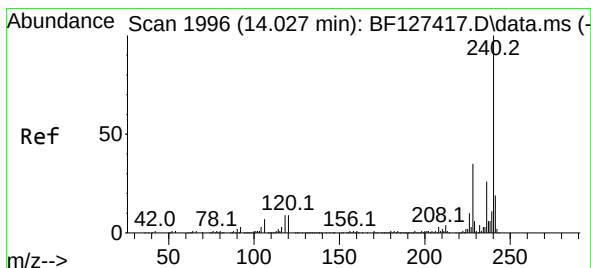
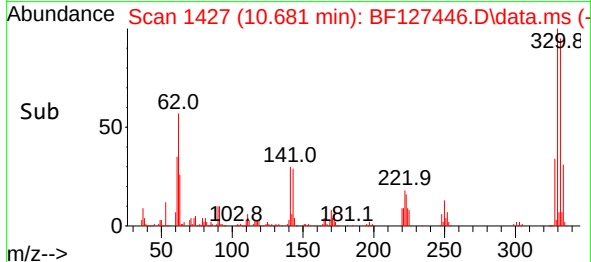
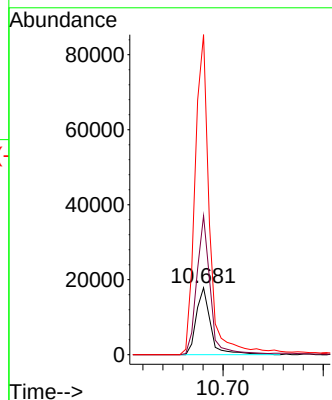
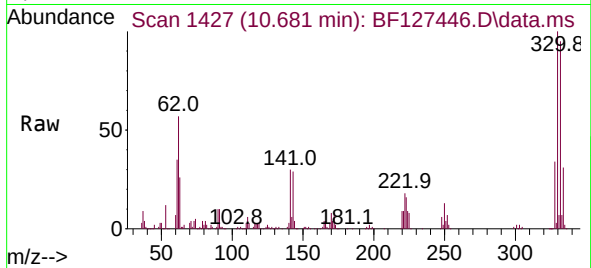




#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

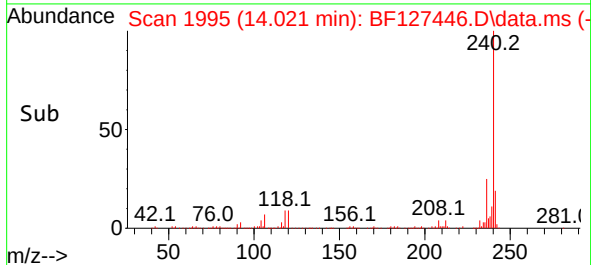
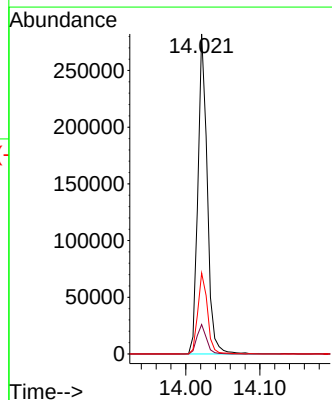
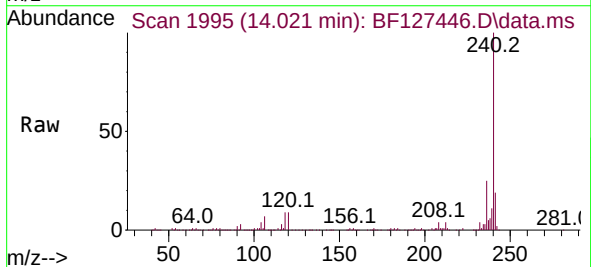
Instrument :
BNA_F
ClientSampleId :

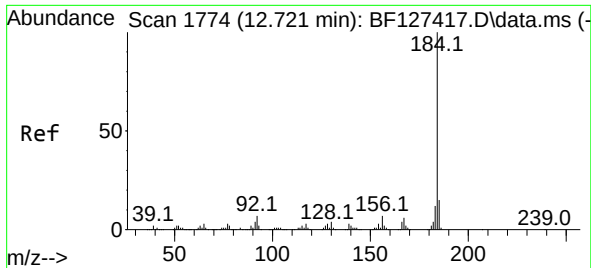
Tgt Ion:248 Resp: 17641
Ion Ratio Lower Upper
248 100
250 207.5 76.6 115.0#
141 478.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

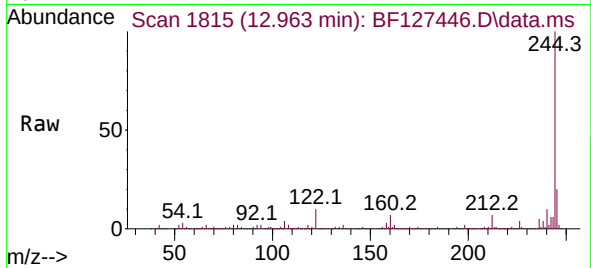
Tgt Ion:240 Resp: 246376
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.3 20.7 31.1



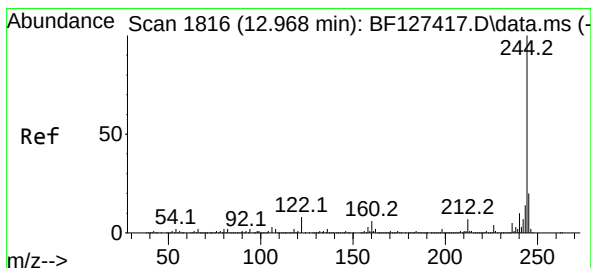
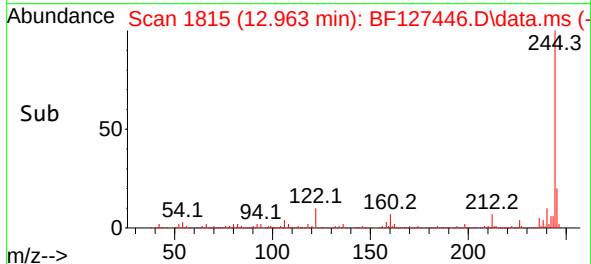
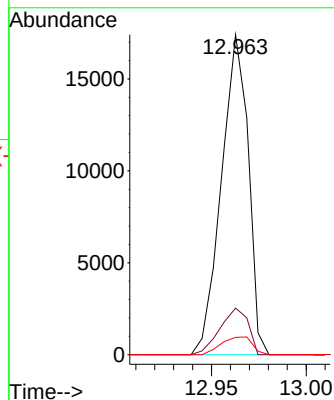


#77
Benzidine
Concen: 2.919 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

Instrument :
BNA_F
ClientSampleId :

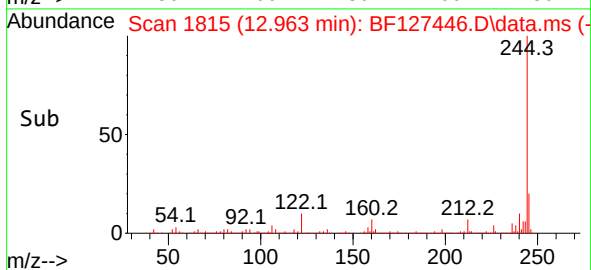
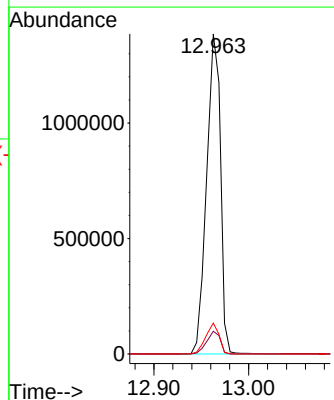
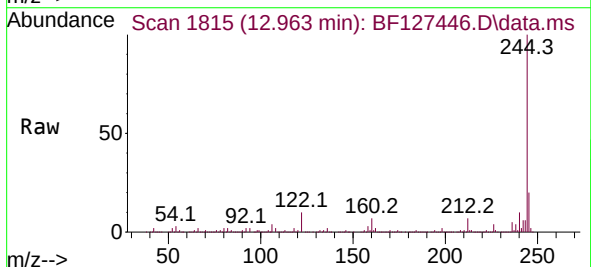


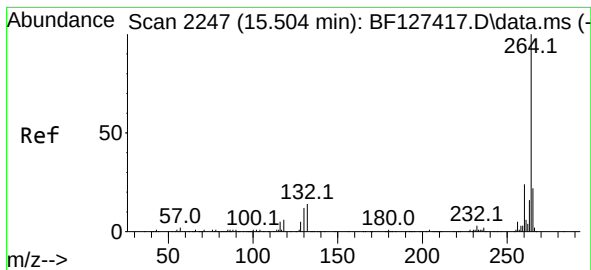
Tgt Ion:184 Resp: 17145
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 5.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 93.274 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127446.D
Acq: 22 Mar 2022 10:25

Tgt Ion:244 Resp: 1403795
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.000 min

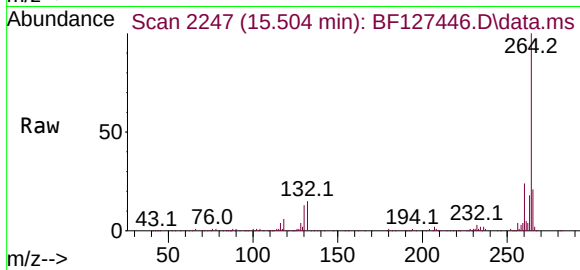
Lab File: BF127446.D

Acq: 22 Mar 2022 10:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 179294

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.3 17.4 26.2

