

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127875.D
 Acq On : 25 Apr 2022 12:40
 Operator : CG\JU
 Sample : N2482-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPN-4

Quant Time: Apr 25 16:55:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

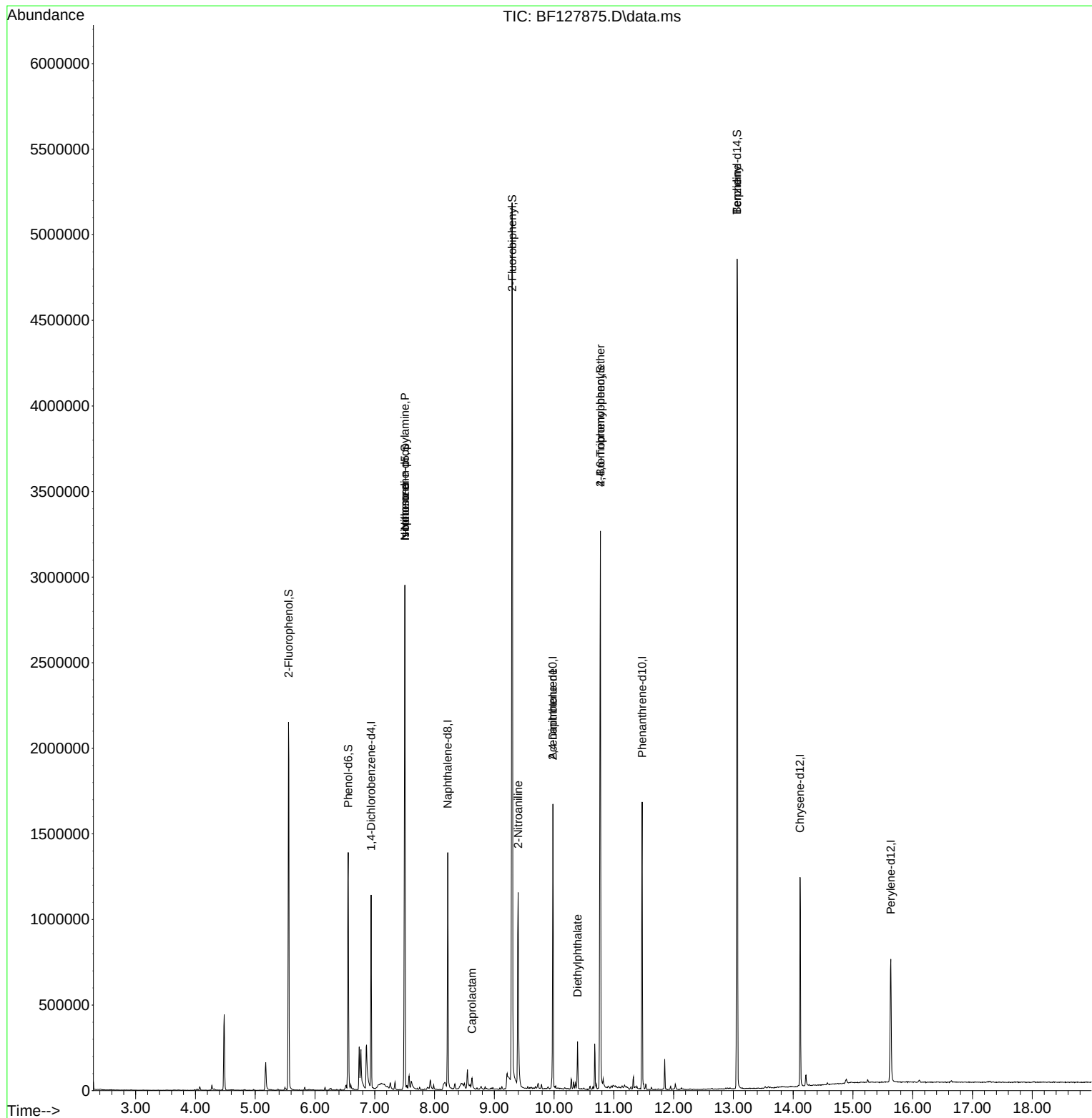
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	143252	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	565801	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	323745	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	600393	20.000	ng	0.00
76) Chrysene-d12	14.115	240	429905	20.000	ng	#-0.01
86) Perylene-d12	15.633	264	361006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	571625	63.558	ng	0.00
7) Phenol-d6	6.557	99	463568	39.723	ng	-0.01
23) Nitrobenzene-d5	7.504	82	1041549	86.564	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	397636	122.010	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1629220	85.136	ng	0.00
79) Terphenyl-d14	13.063	244	1926168	81.928	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	138460	19.382	ng	# 81
25) Isophorone	7.504	82	1041428	51.426	ng	# 68
35) Caprolactam	8.628	113	7654	2.758	ng	97
48) 2-Nitroaniline	9.398	65	23429	3.794	ng	# 18
57) 2,4-Dinitrotoluene	9.980	165	42081	6.758	ng	# 26
60) Diethylphthalate	10.392	149	85035	3.994	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	24451	3.674	ng	# 1
77) Benzidine	13.063	184	27339	3.361	ng	# 90

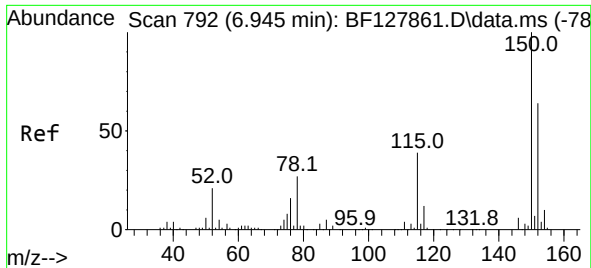
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127875.D
Acq On : 25 Apr 2022 12:40
Operator : CG\JU
Sample : N2482-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPN-4

Quant Time: Apr 25 16:55:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 00:43:03 2022
Response via : Initial Calibration

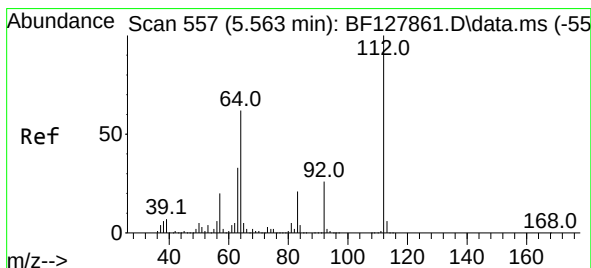
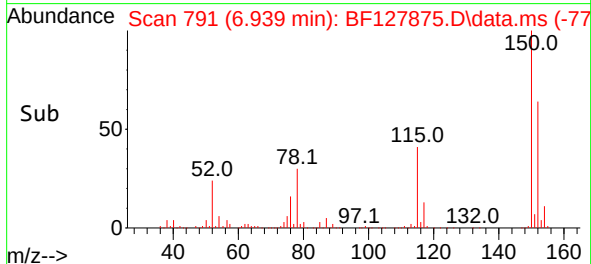
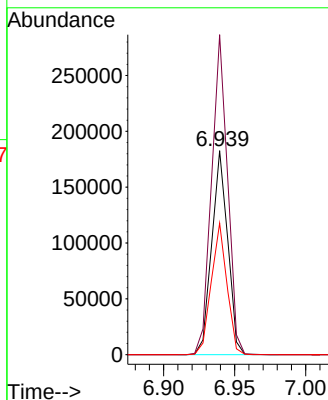
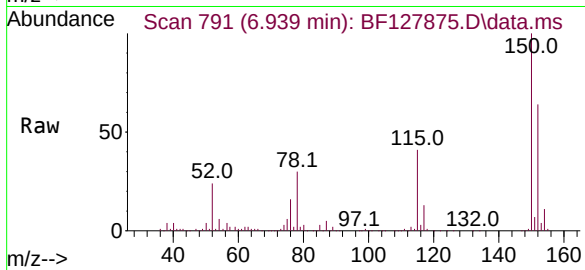




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

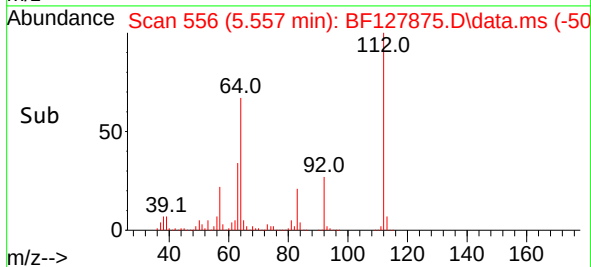
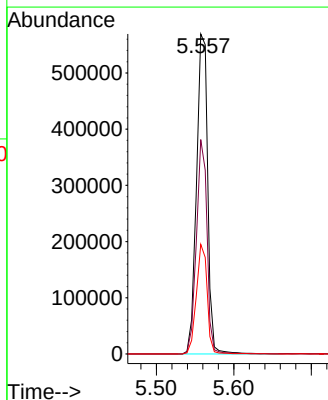
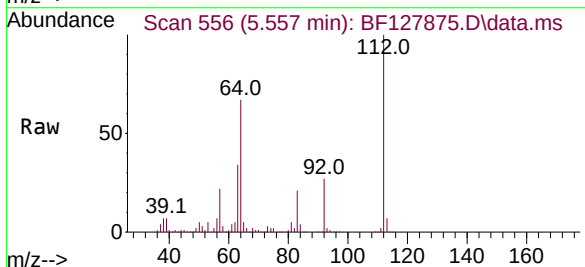
Instrument :
BNA_F
ClientSampleId :
SPN-4

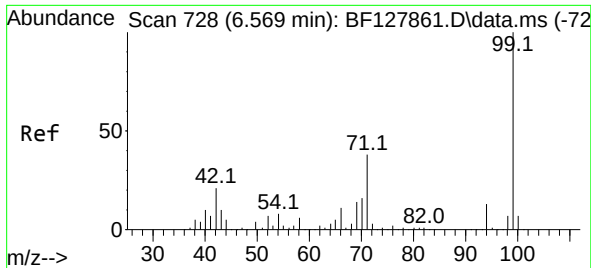
Tgt Ion:152 Resp: 143252
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 64.5 48.8 73.2



#5
2-Fluorophenol
Concen: 63.558 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion:112 Resp: 571625
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 34.3 26.3 39.5

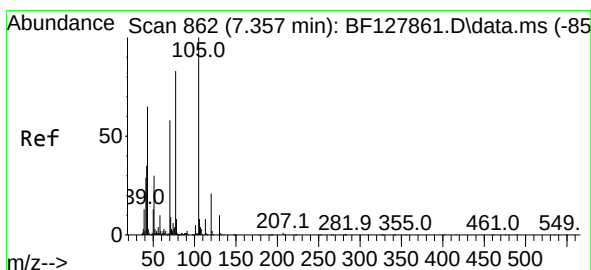
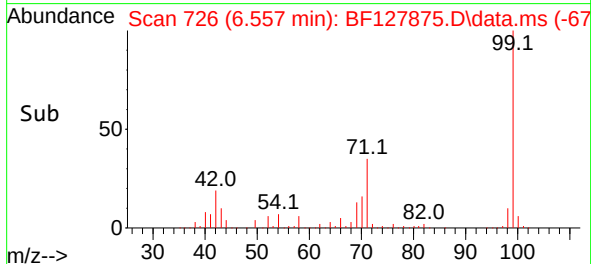
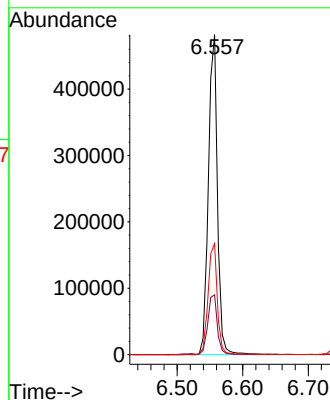
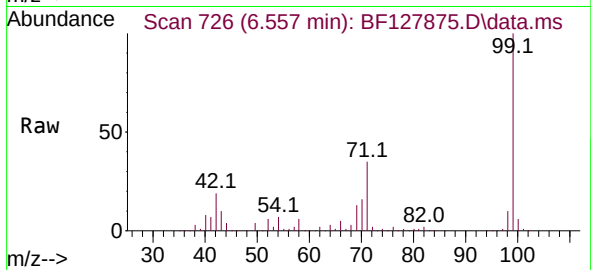




#7
Phenol-d6
Concen: 39.723 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

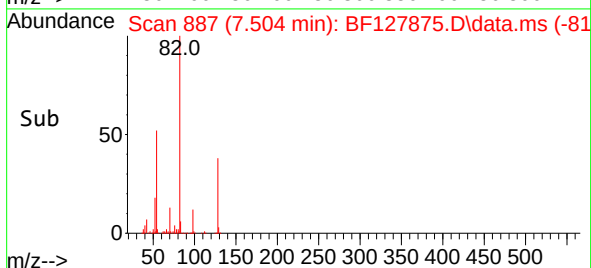
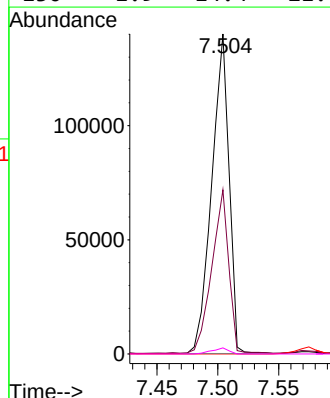
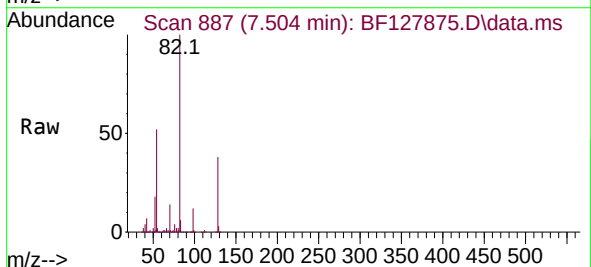
Instrument :
BNA_F
ClientSampleId :
SPN-4

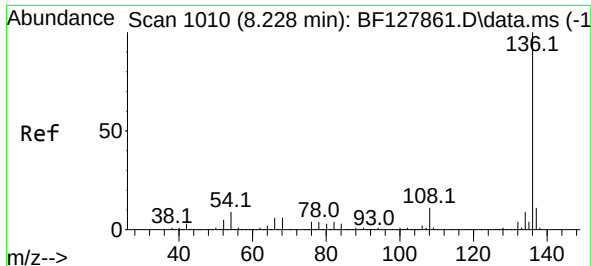
Tgt Ion: 99 Resp: 463568
Ion Ratio Lower Upper
99 100
42 18.7 16.6 24.8
71 34.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.382 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion: 70 Resp: 138460
Ion Ratio Lower Upper
70 100
42 51.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

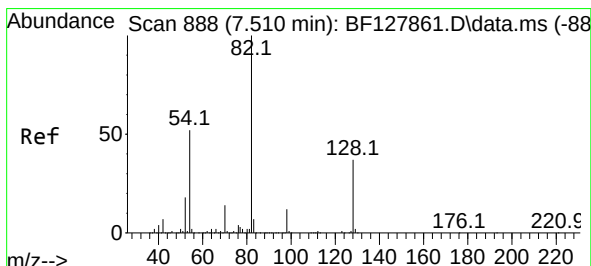
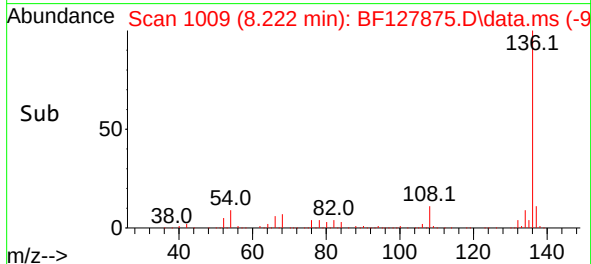
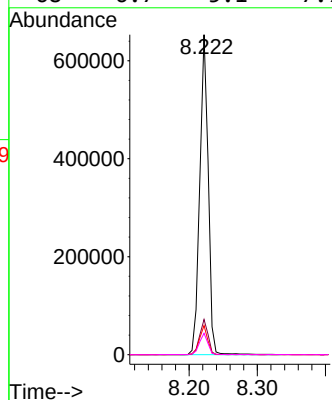
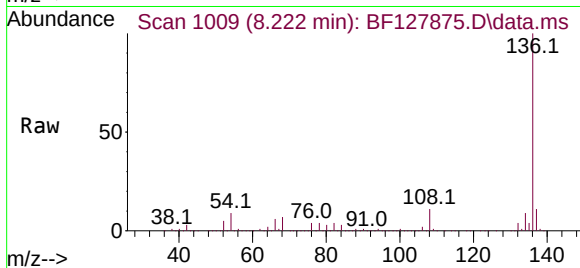




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

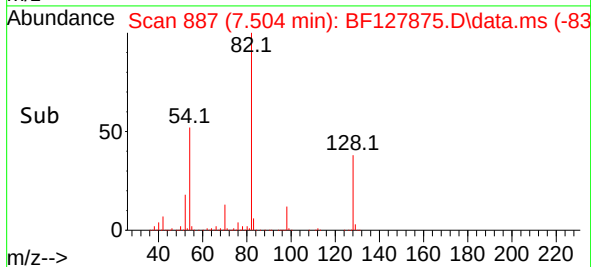
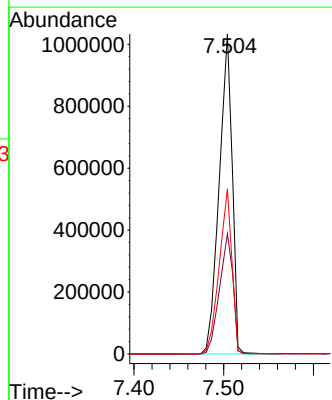
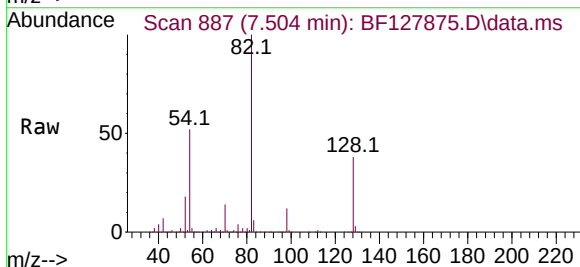
Instrument :
BNA_F
ClientSampleId :
SPN-4

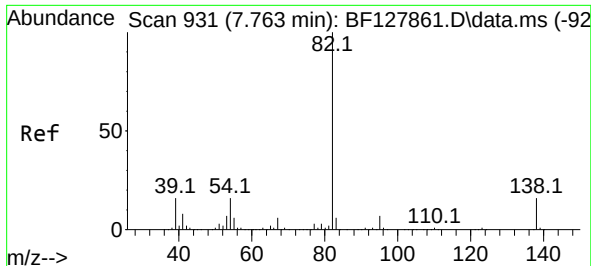
Tgt Ion:	136	Resp:	565801
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.564 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion:	82	Resp:	1041549
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.0	45.0
54	51.6	41.3	61.9

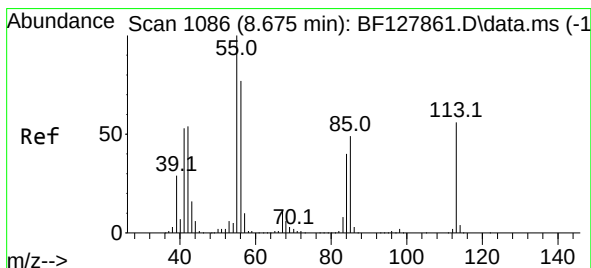
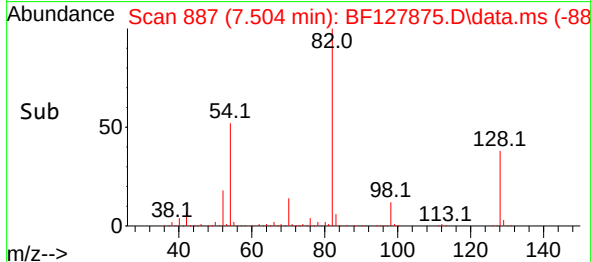
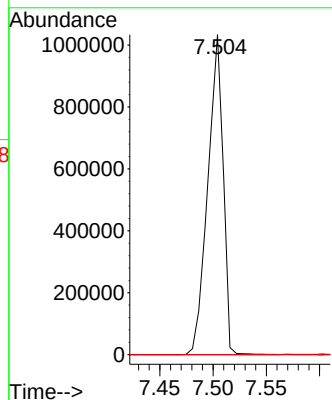
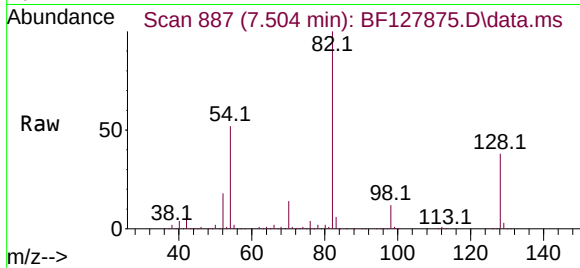




#25
Isophorone
Concen: 51.426 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

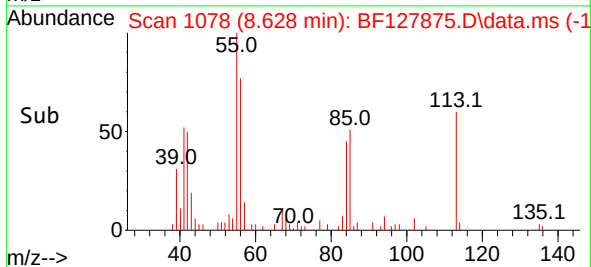
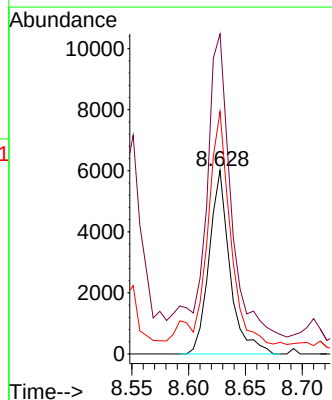
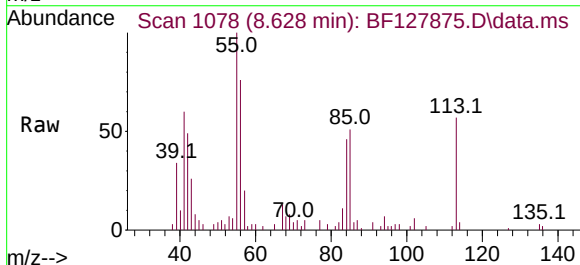
Instrument :
BNA_F
Client SampleId :
SPN-4

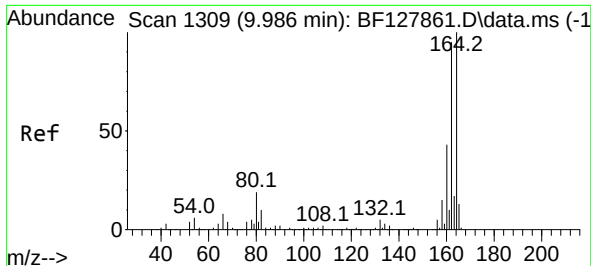
Tgt Ion: 82 Resp: 1041428
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#35
Caprolactam
Concen: 2.758 ng
RT: 8.628 min Scan# 1078
Delta R.T. -0.047 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion: 113 Resp: 7654
Ion Ratio Lower Upper
113 100
55 174.4 157.4 197.4
56 132.2 116.1 156.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127875.D

Acq: 25 Apr 2022 12:40

Instrument :

BNA_F

ClientSampleId :

SPN-4

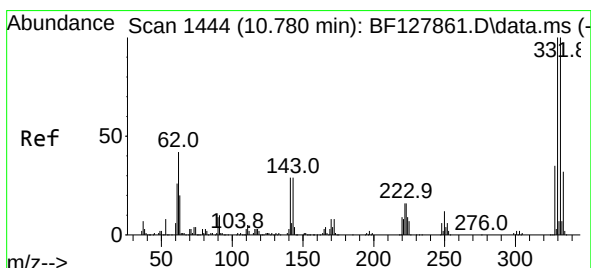
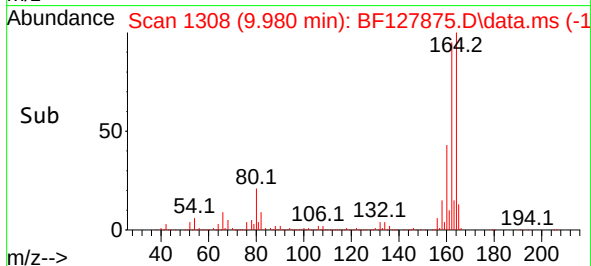
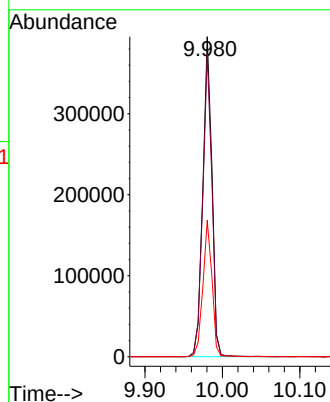
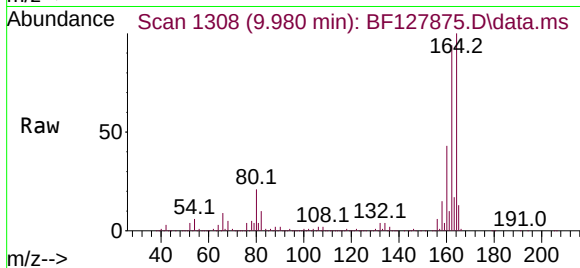
Tgt Ion:164 Resp: 323745

Ion Ratio Lower Upper

164 100

162 94.5 76.0 114.0

160 42.6 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 122.010 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127875.D

Acq: 25 Apr 2022 12:40

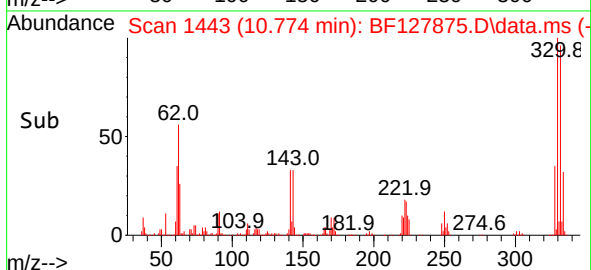
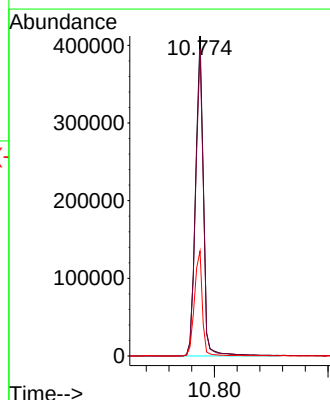
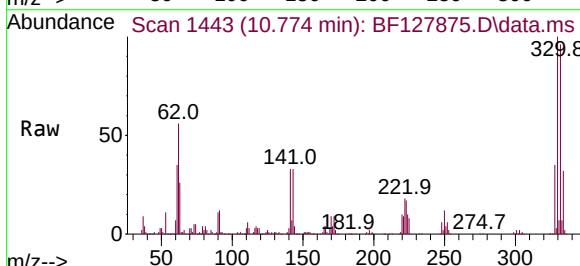
Tgt Ion:330 Resp: 397636

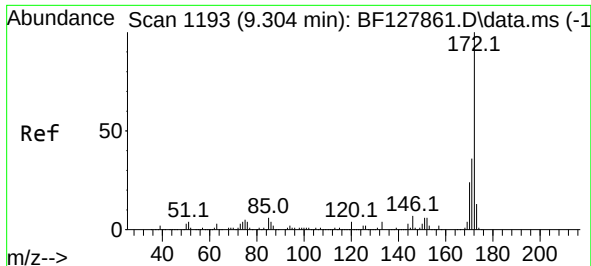
Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 33.0 28.9 43.3

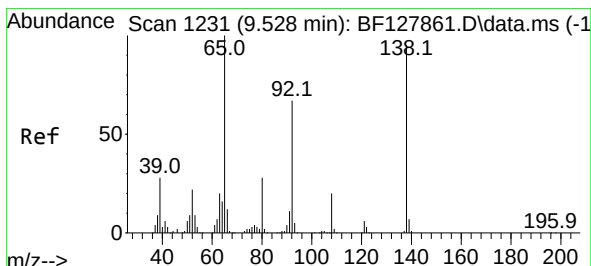
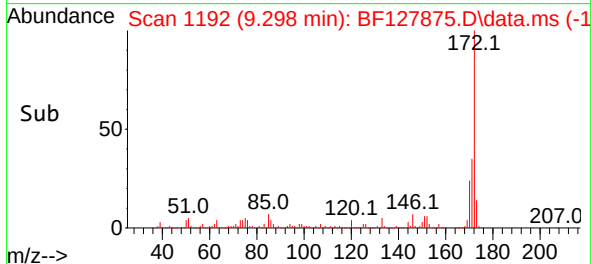
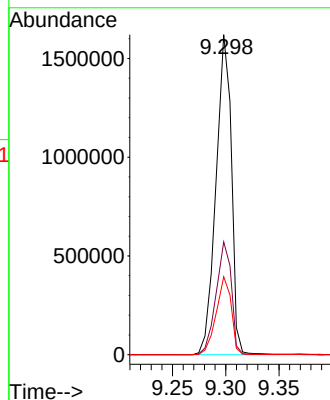
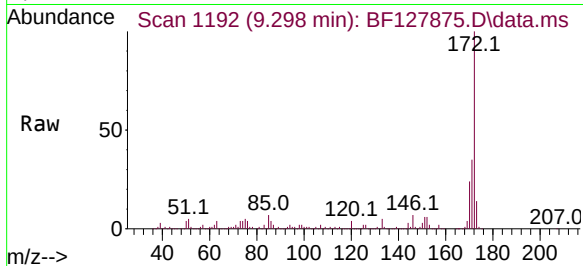




#45
2-Fluorobiphenyl
Concen: 85.136 ng
RT: 9.298 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

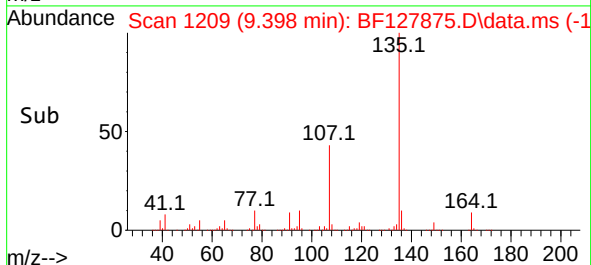
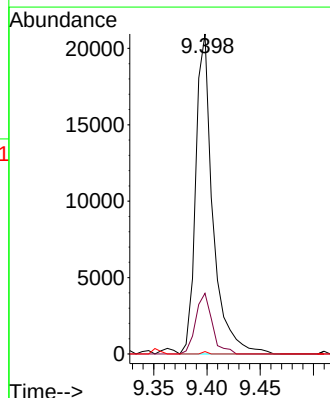
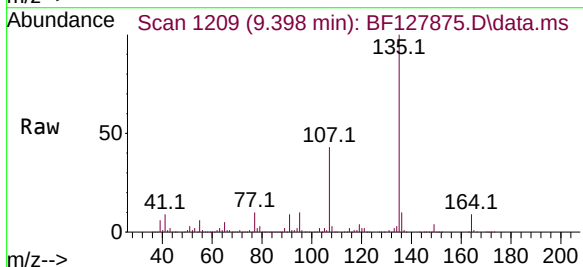
Instrument :
BNA_F
ClientSampleId :
SPN-4

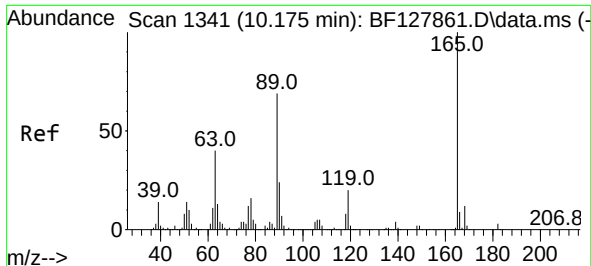
Tgt Ion:172 Resp: 1629220
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.3 19.1 28.7



#48
2-Nitroaniline
Concen: 3.794 ng
RT: 9.398 min Scan# 1209
Delta R.T. -0.130 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion: 65 Resp: 23429
Ion Ratio Lower Upper
65 100
92 19.0 53.7 80.5#
138 0.7 76.4 114.6#

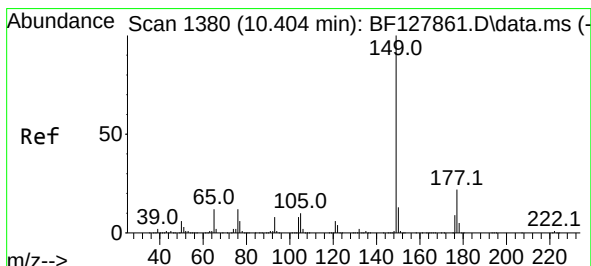
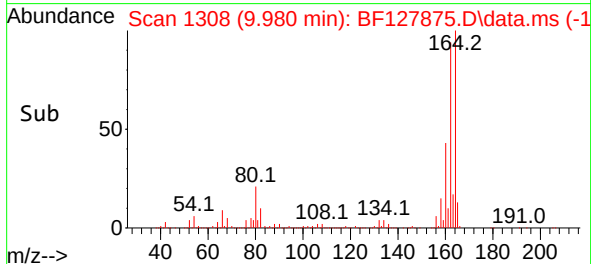
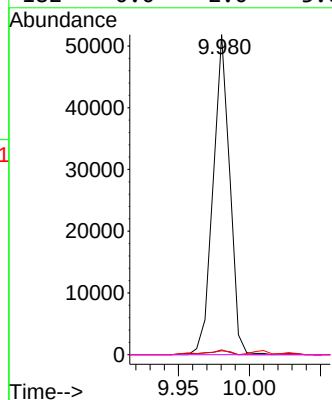
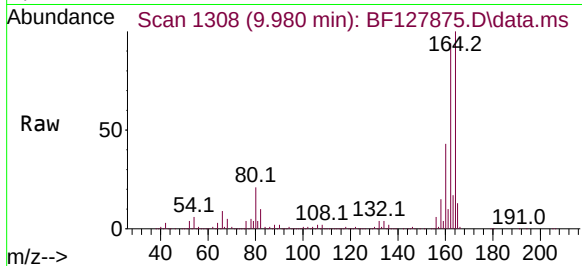




#57
2,4-Dinitrotoluene
Concen: 6.758 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

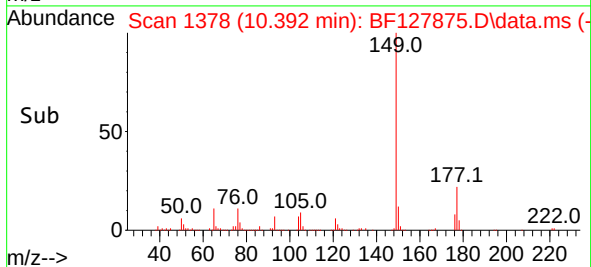
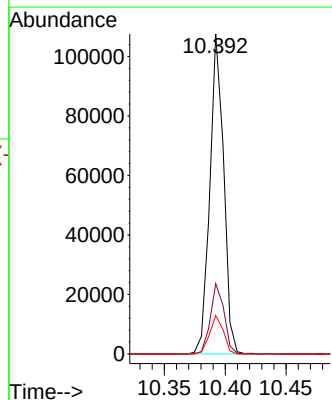
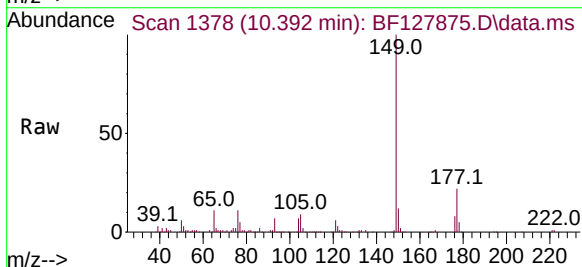
Instrument :
BNA_F
ClientSampleId :
SPN-4

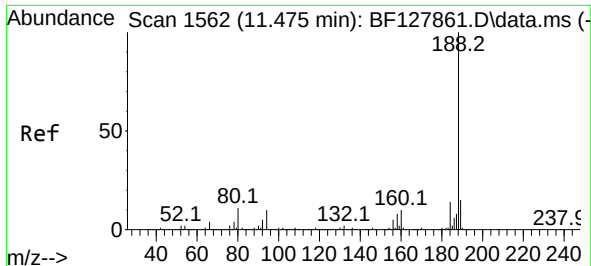
Tgt Ion:165 Resp: 42081
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#



#60
Diethylphthalate
Concen: 3.994 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion:149 Resp: 85035
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.0 10.2 15.2

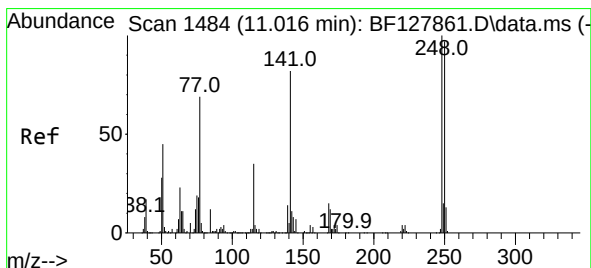
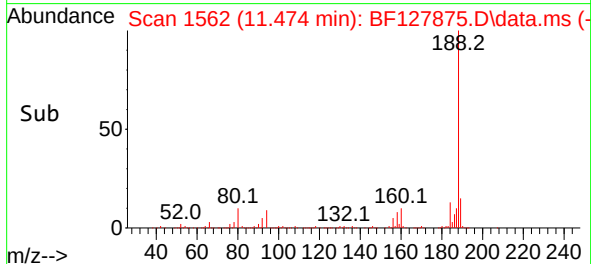
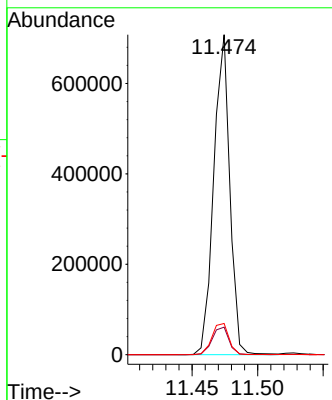
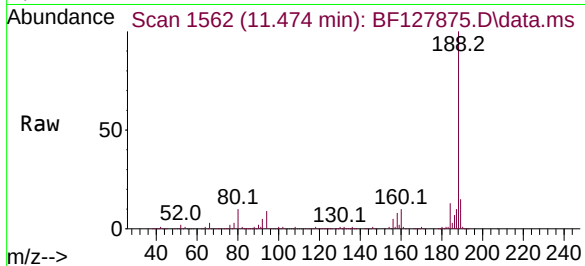




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

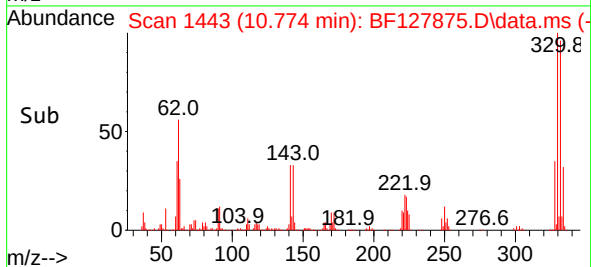
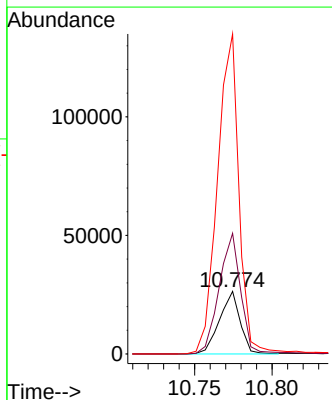
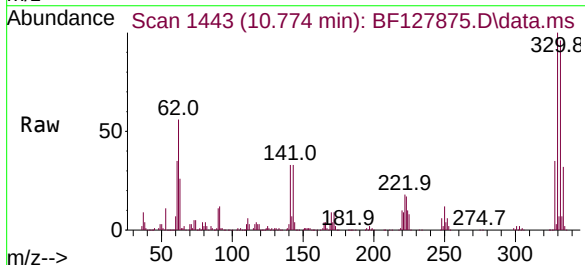
Instrument :
BNA_F
ClientSampleId :
SPN-4

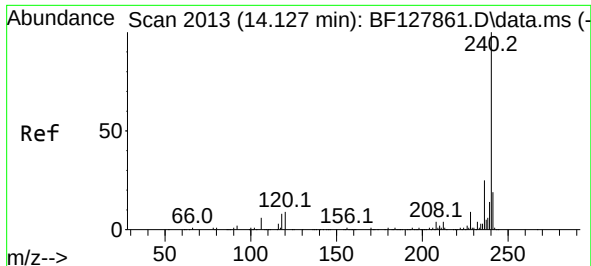
Tgt Ion:188 Resp: 600393
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.674 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion:248 Resp: 24451
Ion Ratio Lower Upper
248 100
250 192.9 77.7 116.5#
141 511.9 65.6 98.4#

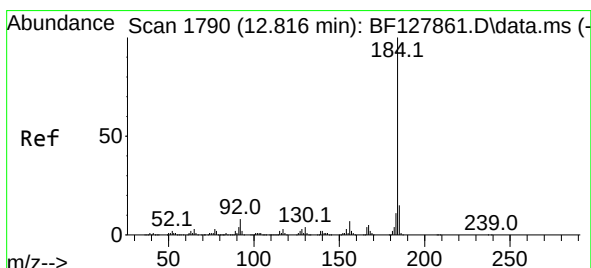
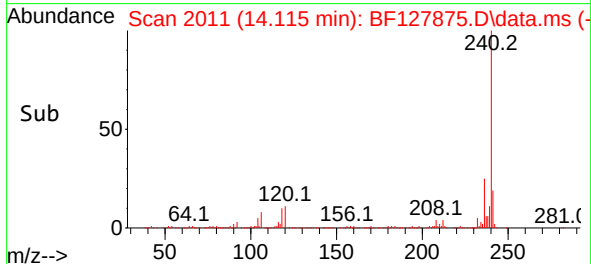
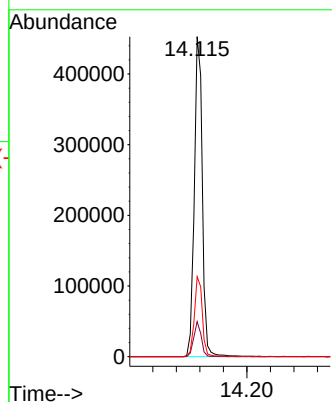
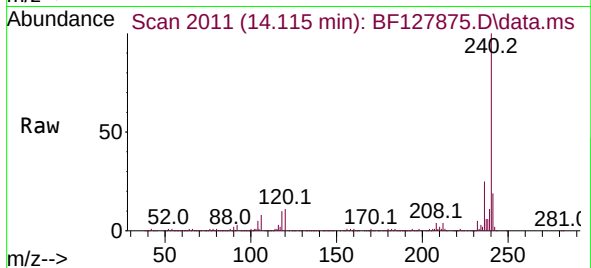




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

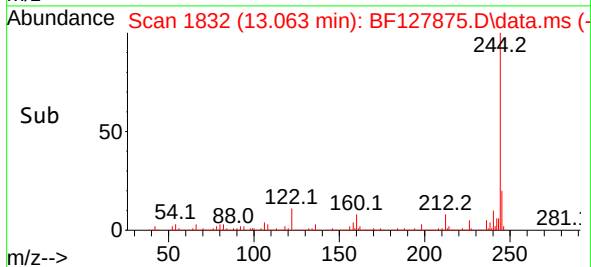
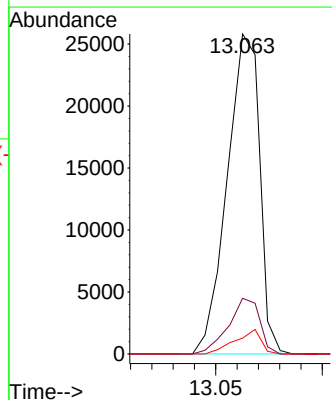
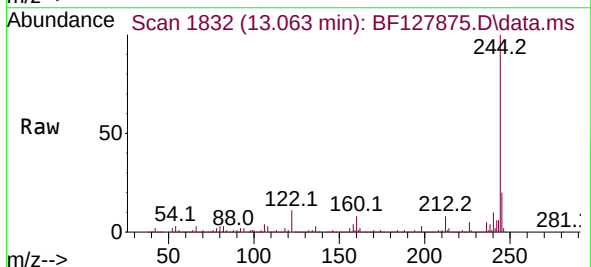
Instrument :
BNA_F
ClientSampleId :
SPN-4

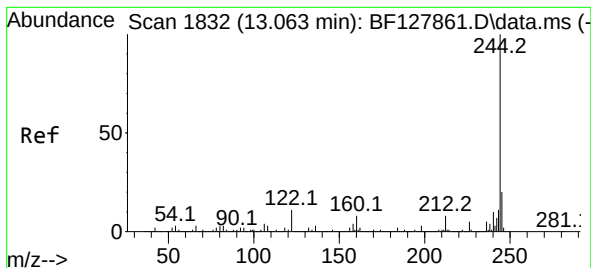
Tgt Ion:240 Resp: 429905
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 25.0 20.3 30.5



#77
Benzidine
Concen: 3.361 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127875.D
Acq: 25 Apr 2022 12:40

Tgt Ion:184 Resp: 27339
Ion Ratio Lower Upper
184 100
185 17.4 12.1 18.1
183 4.9 9.0 13.4#





#79

Terphenyl-d14

Concen: 81.928 ng

RT: 13.063 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BF127875.D

Acq: 25 Apr 2022 12:40

Instrument :

BNA_F

ClientSampleId :

SPN-4

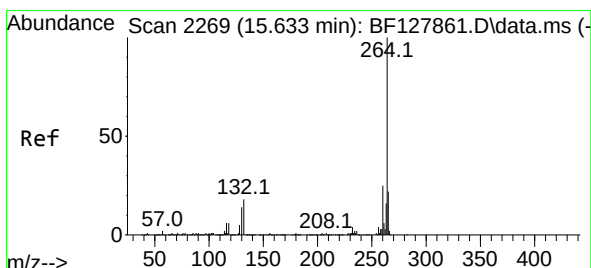
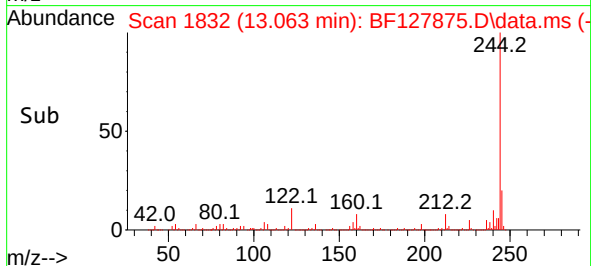
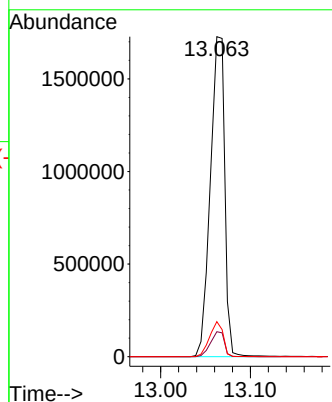
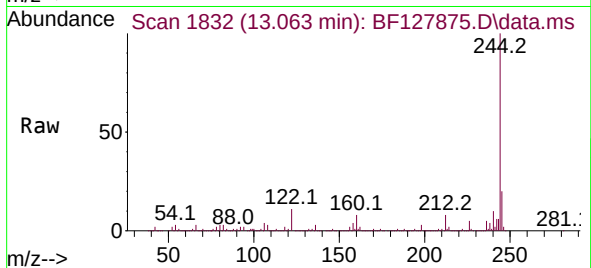
Tgt Ion:244 Resp: 1926168

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF127875.D

Acq: 25 Apr 2022 12:40

Tgt Ion:264 Resp: 361006

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 20.6 17.5 26.3

