

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127956.D
 Acq On : 27 Apr 2022 20:24
 Operator : CG\JU
 Sample : N2482-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPN-8

Quant Time: Apr 28 05:17:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

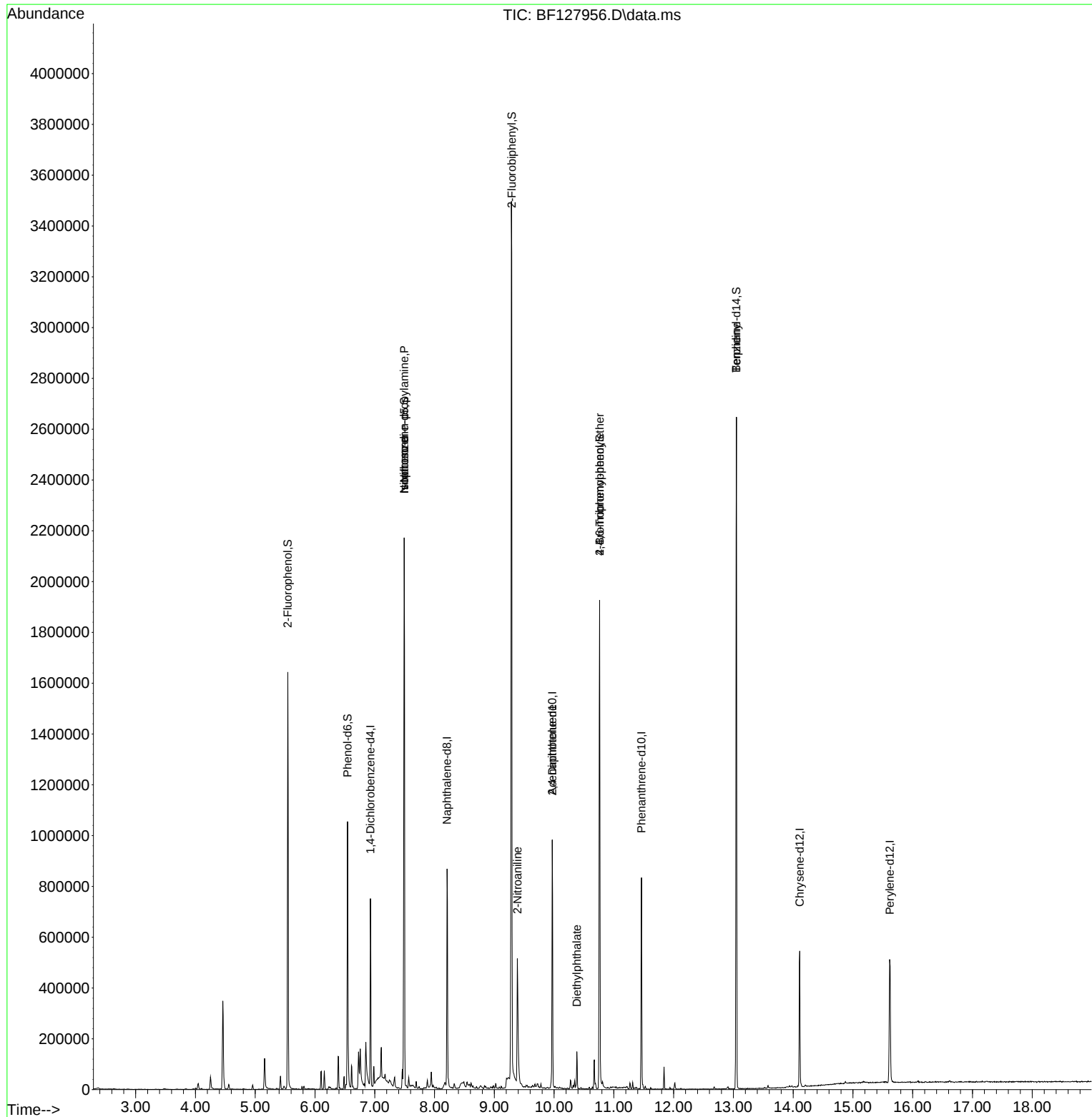
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	96988	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	369891	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	196927	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	296071	20.000	ng	0.00
76) Chrysene-d12	14.110	240	191004	20.000	ng	0.00
86) Perylene-d12	15.615	264	237746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	399792	65.656	ng	0.00
7) Phenol-d6	6.545	99	318312	40.287	ng	-0.02
23) Nitrobenzene-d5	7.492	82	751784	95.574	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	215818	108.867	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1110768	95.423	ng	0.00
79) Terphenyl-d14	13.051	244	903846	86.529	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	101103	20.903	ng	# 80
25) Isophorone	7.492	82	749663	56.625	ng	# 68
48) 2-Nitroaniline	9.386	65	11747	3.127	ng	# 18
57) 2,4-Dinitrotoluene	9.969	165	25090	6.624	ng	# 26
60) Diethylphthalate	10.380	149	45359	3.502	ng	# 99
67) 4-Bromophenyl-phenylether	10.763	248	13928	4.244	ng	# 1
77) Benzidine	13.051	184	12929	3.577	ng	# 94

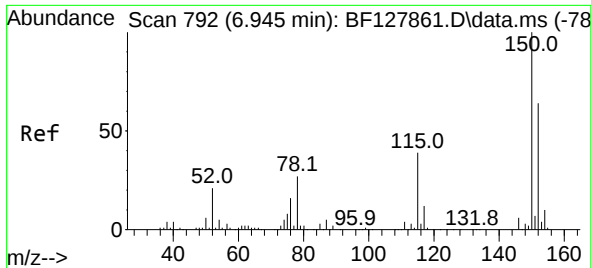
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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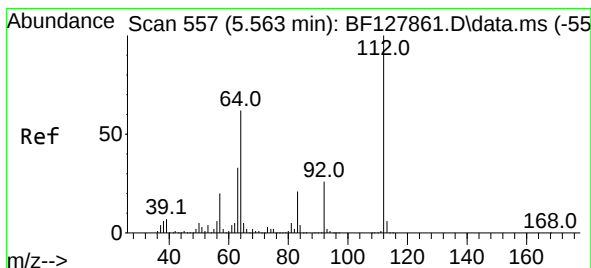
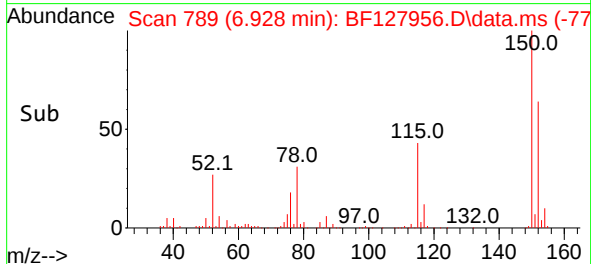
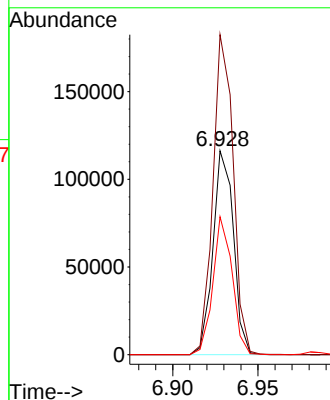
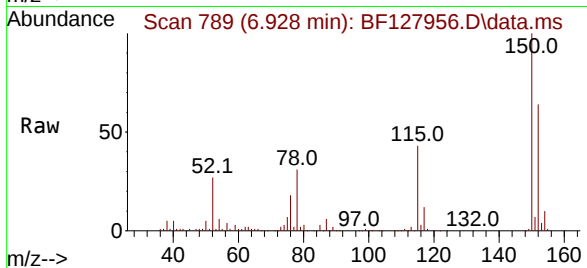




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

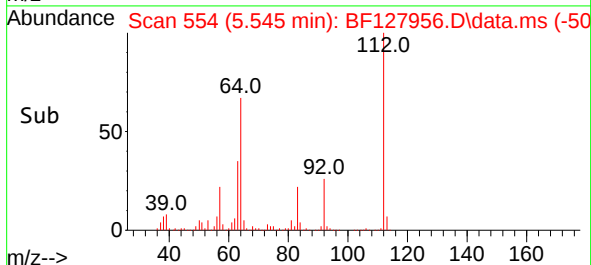
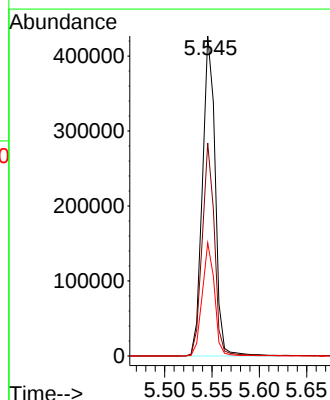
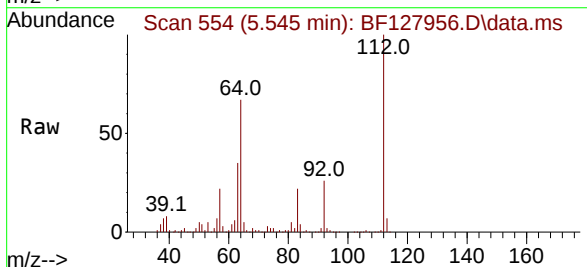
Instrument :
BNA_F
ClientSampleId :
SPN-8

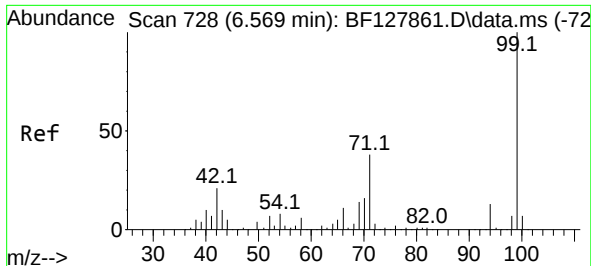
Tgt Ion:152 Resp: 96988
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 67.7 48.8 73.2



#5
2-Fluorophenol
Concen: 65.656 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion:112 Resp: 399792
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 35.3 26.3 39.5

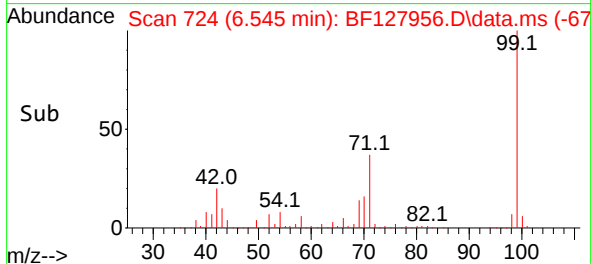
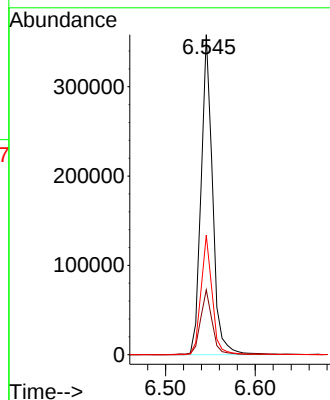
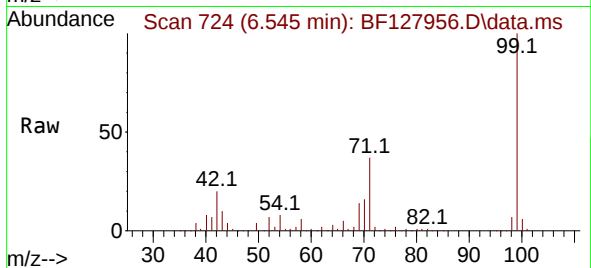




#7
Phenol-d6
Concen: 40.287 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

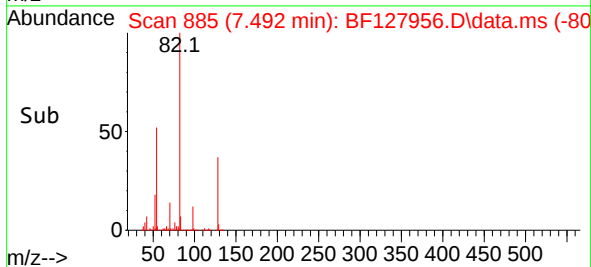
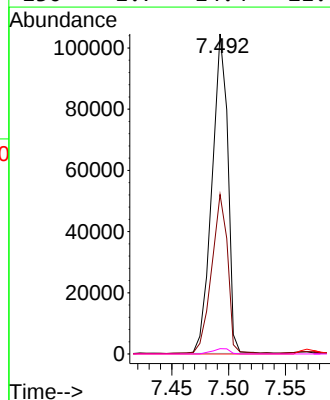
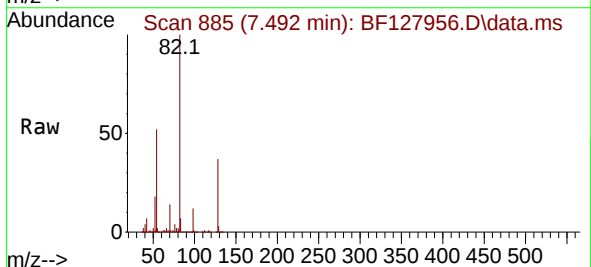
Instrument :
BNA_F
ClientSampleId :
SPN-8

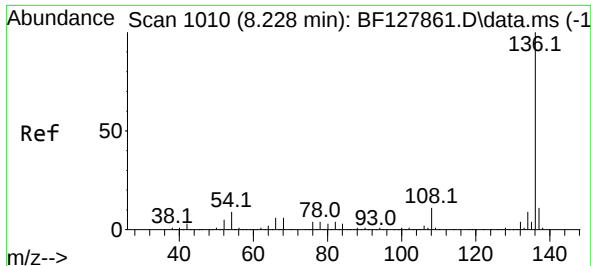
Tgt Ion: 99 Resp: 318312
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 37.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.903 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion: 70 Resp: 101103
Ion Ratio Lower Upper
70 100
42 49.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

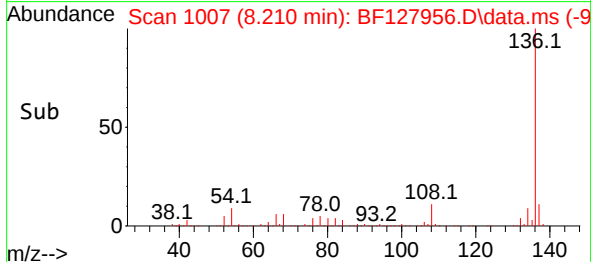
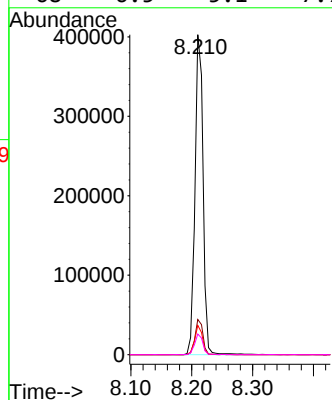
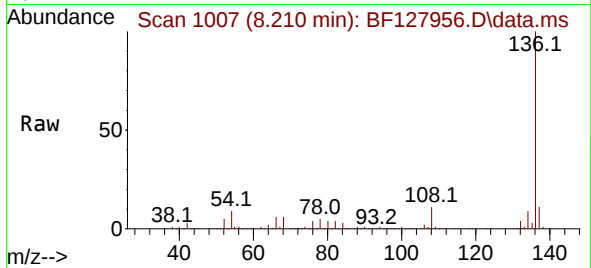




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

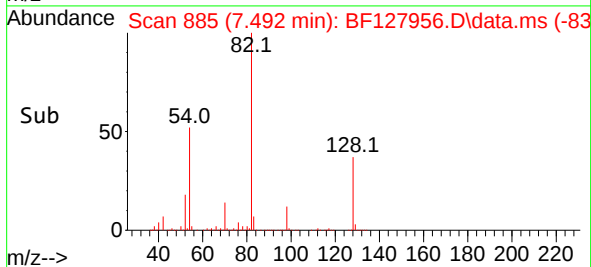
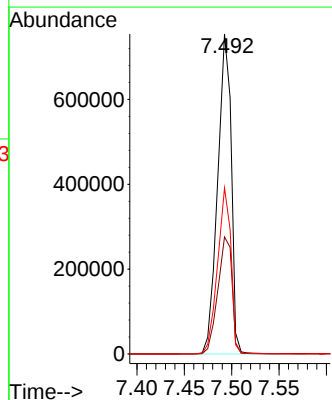
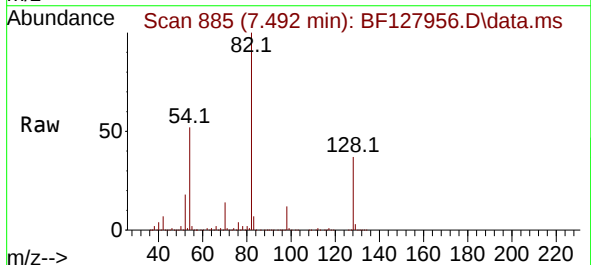
Instrument :
BNA_F
ClientSampleId :
SPN-8

Tgt Ion:136	Resp: 369891
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 9.1	6.8 10.2
68 6.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 95.574 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion: 82	Resp: 751784
Ion Ratio	Lower Upper
82 100	
128 36.6	30.0 45.0
54 51.9	41.3 61.9

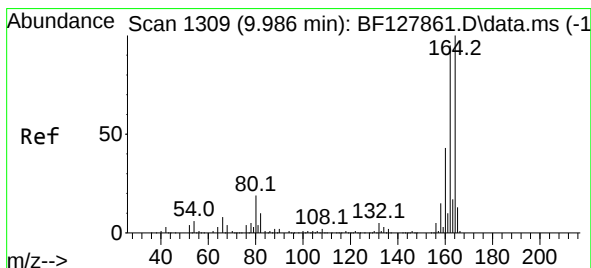
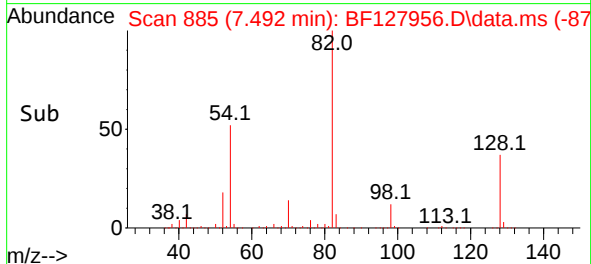
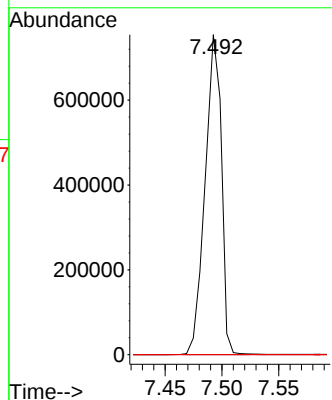
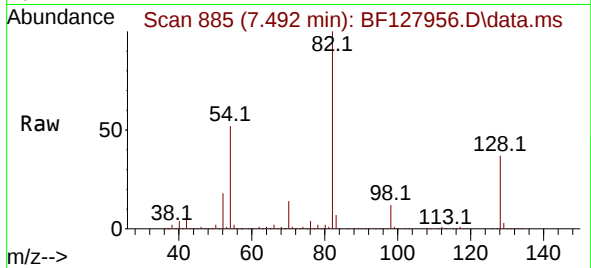




#25
Isophorone
Concen: 56.625 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

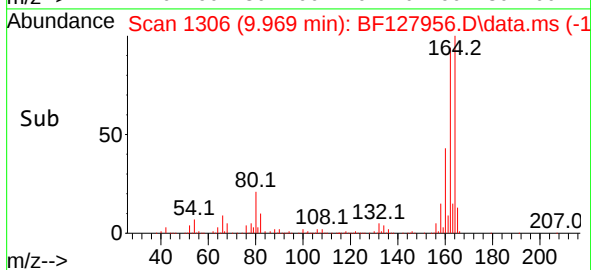
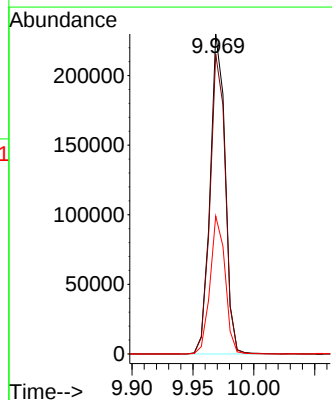
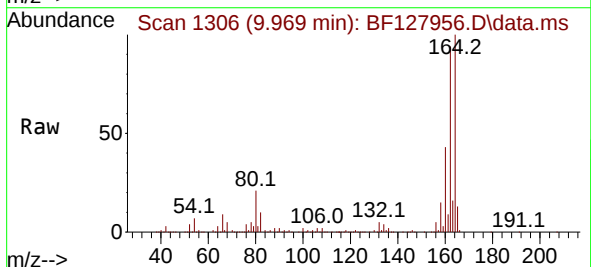
Instrument :
BNA_F
ClientSampleId :
SPN-8

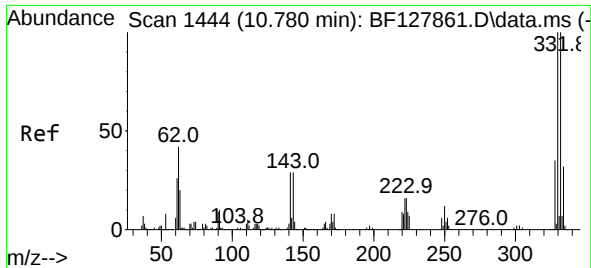
Tgt Ion: 82 Resp: 749663
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion:164 Resp: 196927
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 108.867 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127956.D

Acq: 27 Apr 2022 20:24

Instrument :

BNA_F

ClientSampleId :

SPN-8

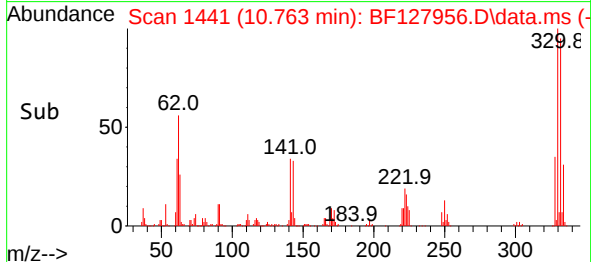
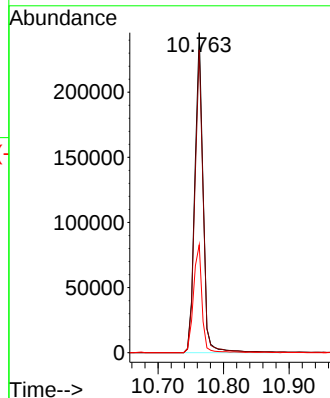
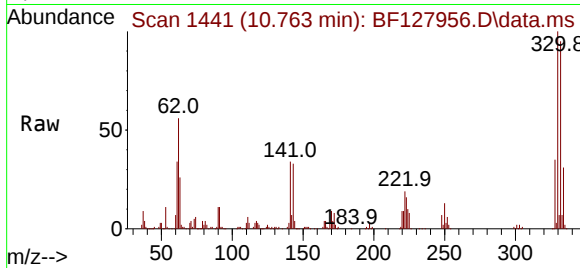
Tgt Ion:330 Resp: 215818

Ion Ratio Lower Upper

330 100

332 94.5 79.0 118.4

141 34.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 95.423 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127956.D

Acq: 27 Apr 2022 20:24

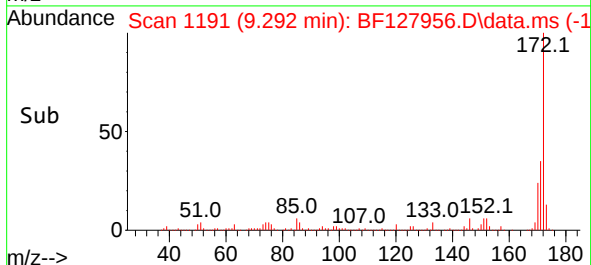
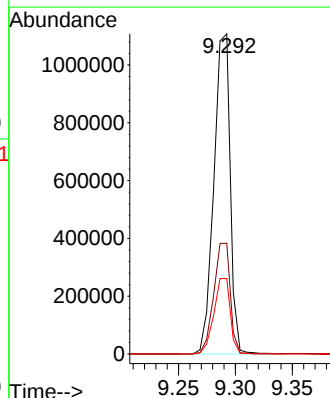
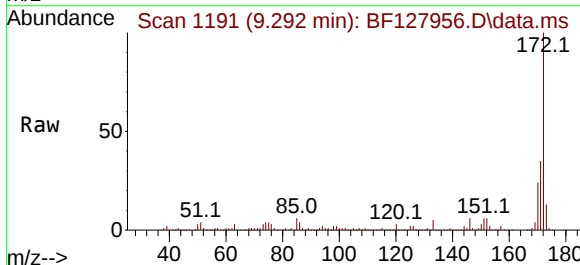
Tgt Ion:172 Resp: 1110768

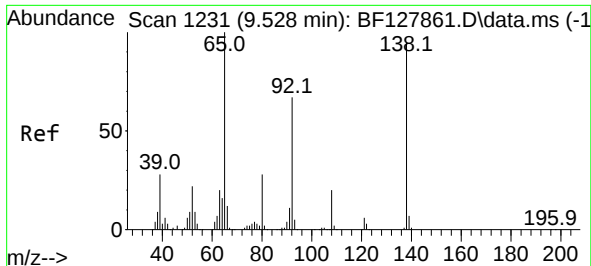
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.6 19.1 28.7

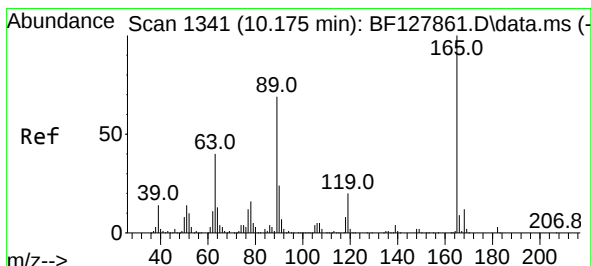
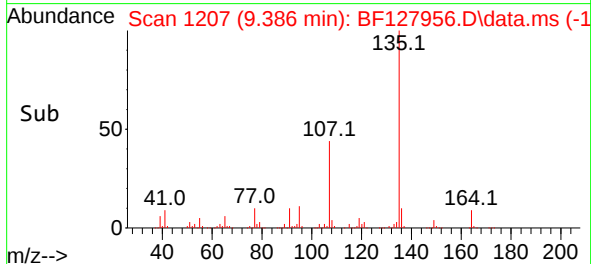
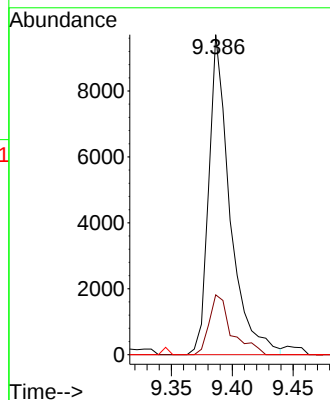
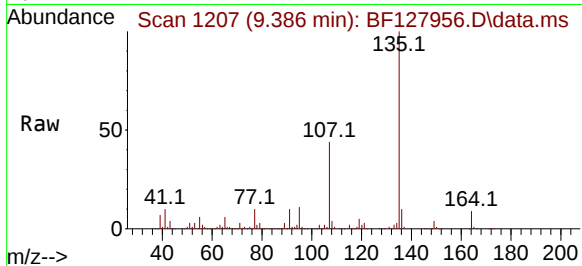




#48
2-Nitroaniline
Concen: 3.127 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

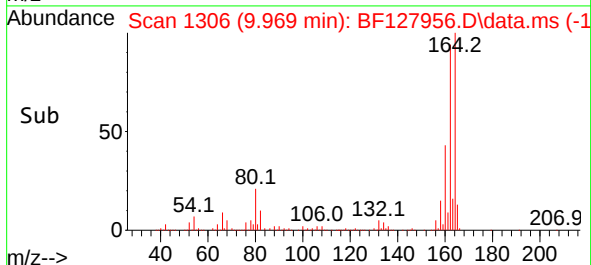
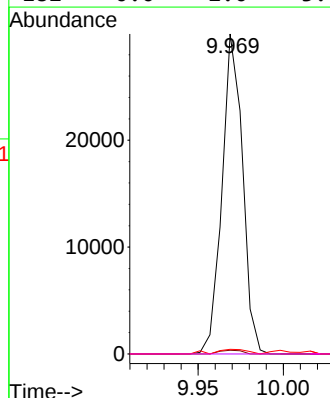
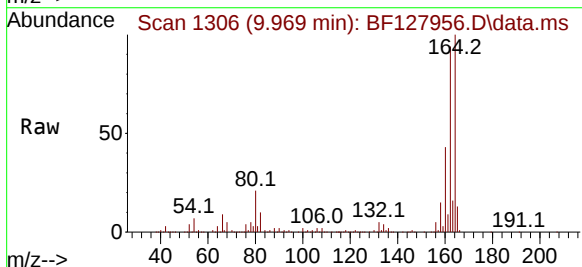
Instrument :
BNA_F
ClientSampleId :
SPN-8

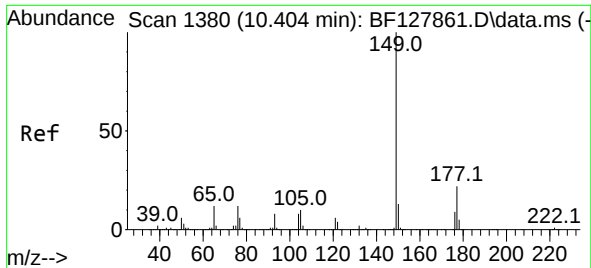
Tgt Ion: 65 Resp: 11747
Ion Ratio Lower Upper
65 100
92 18.7 53.7 80.5#
138 0.0 76.4 114.6#



#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion:165 Resp: 25090
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

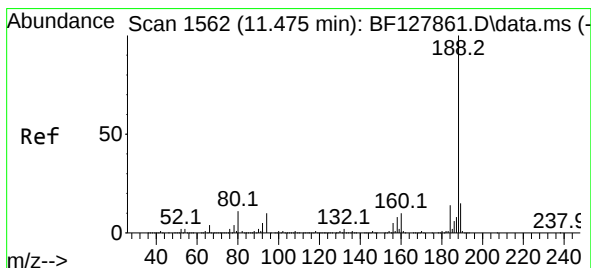
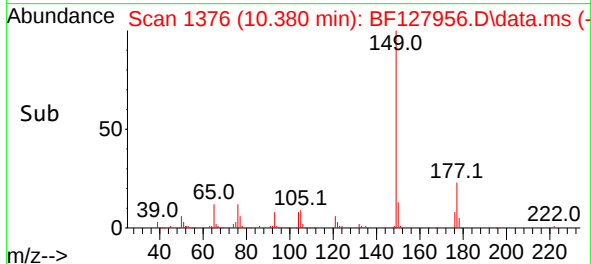
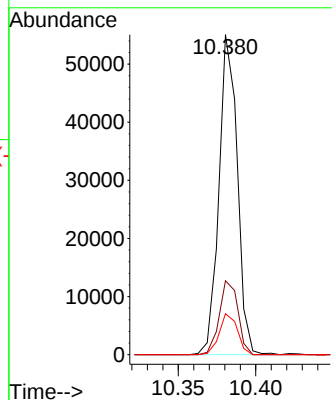
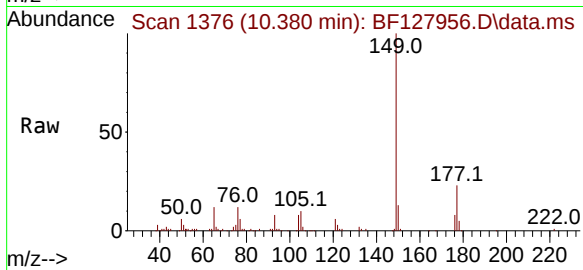




#60
Diethylphthalate
Concen: 3.502 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

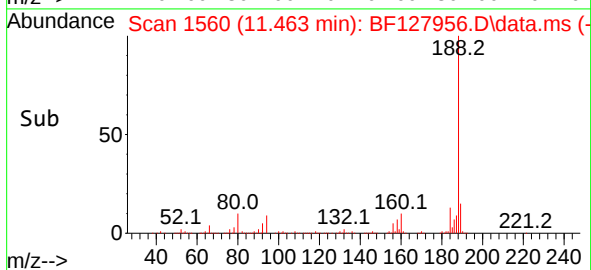
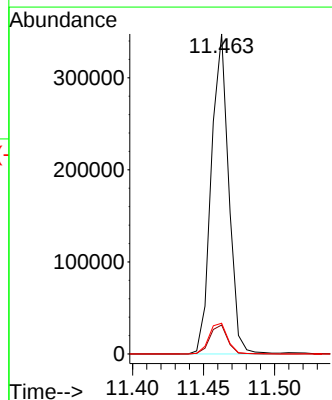
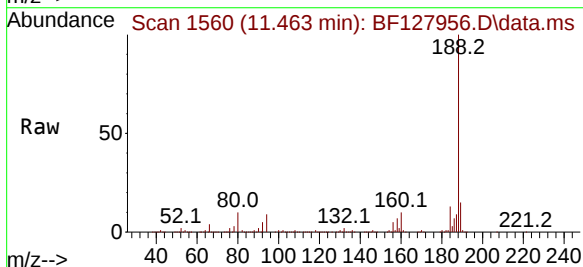
Instrument :
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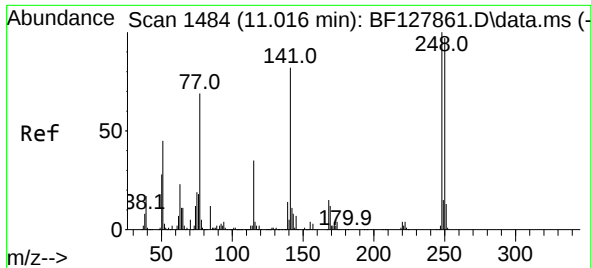
Tgt Ion:149 Resp: 45359
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 12.8 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion:188 Resp: 296071
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.6 8.9 13.3

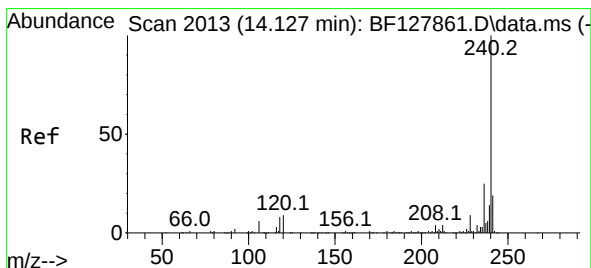
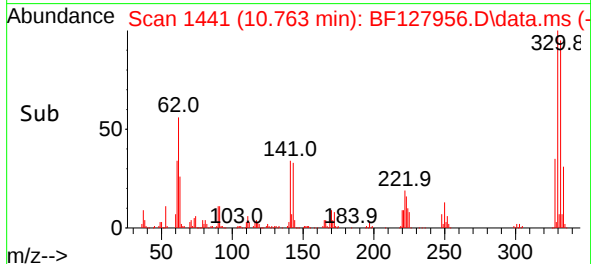
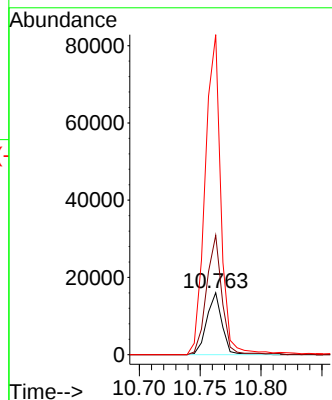
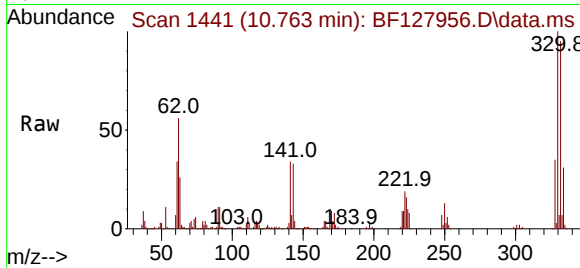




#67
4-Bromophenyl-phenylether
Concen: 4.244 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

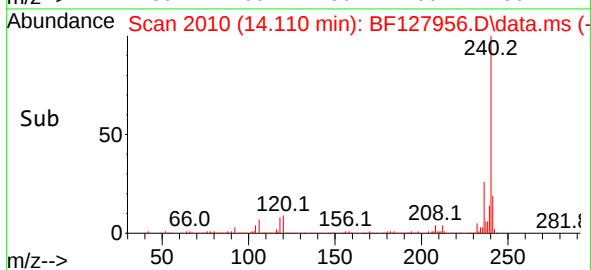
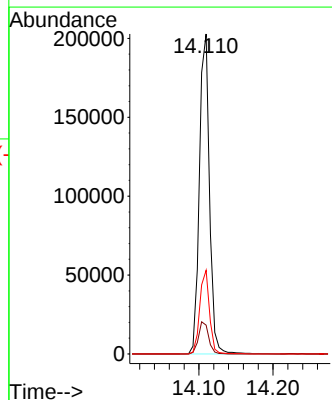
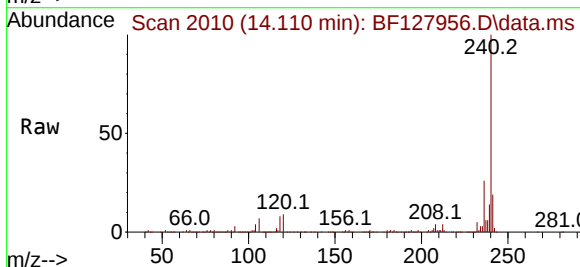
Instrument :
BNA_F
ClientSampleId :
SPN-8

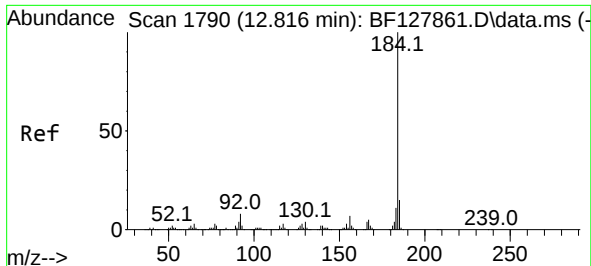
Tgt Ion:248 Resp: 13928
Ion Ratio Lower Upper
248 100
250 192.7 77.7 116.5#
141 516.7 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion:240 Resp: 191004
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.1 20.3 30.5

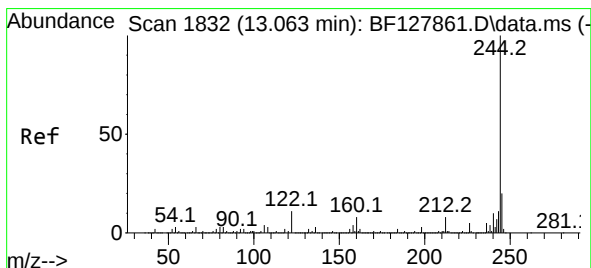
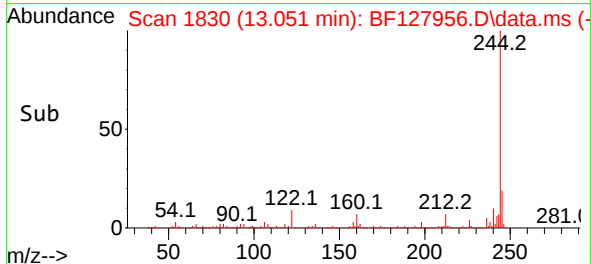
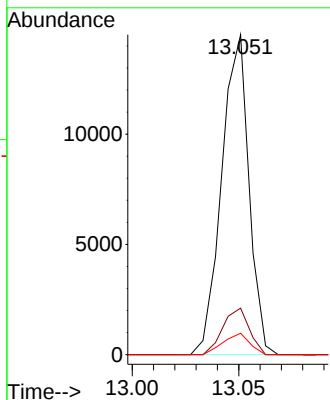
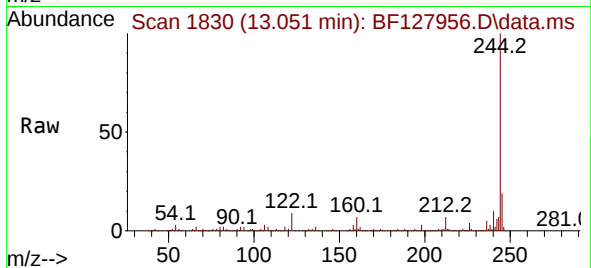




#77
Benzidine
Concen: 3.577 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

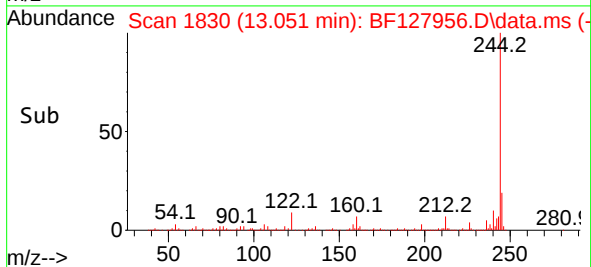
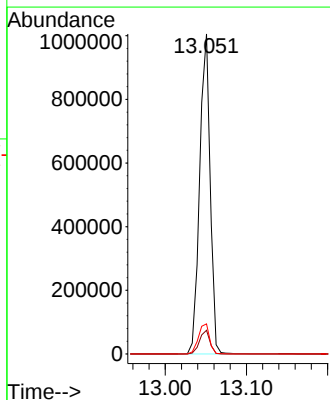
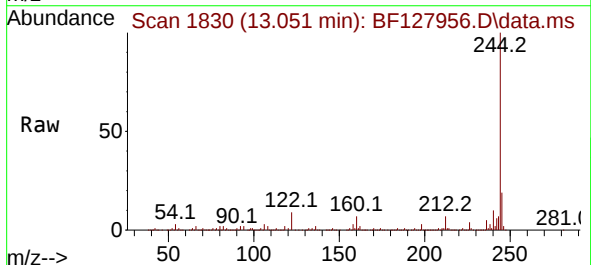
Instrument :
BNA_F
ClientSampleId :
SPN-8

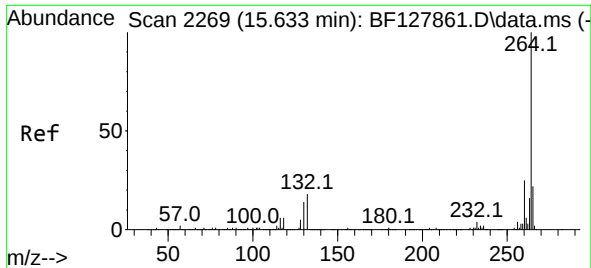
Tgt Ion:184 Resp: 12929
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 6.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 86.529 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Tgt Ion:244 Resp: 903846
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.4 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127956.D
Acq: 27 Apr 2022 20:24

Instrument :
BNA_F
ClientSampleId :
SPN-8

Tgt Ion:264 Resp: 237746

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.0	17.5	26.3

