

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127885.D
 Acq On : 25 Apr 2022 17:29
 Operator : CG\JU
 Sample : N2474-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMS-JET-GROUT-SPOILS-A

Quant Time: Apr 26 05:39:33 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)

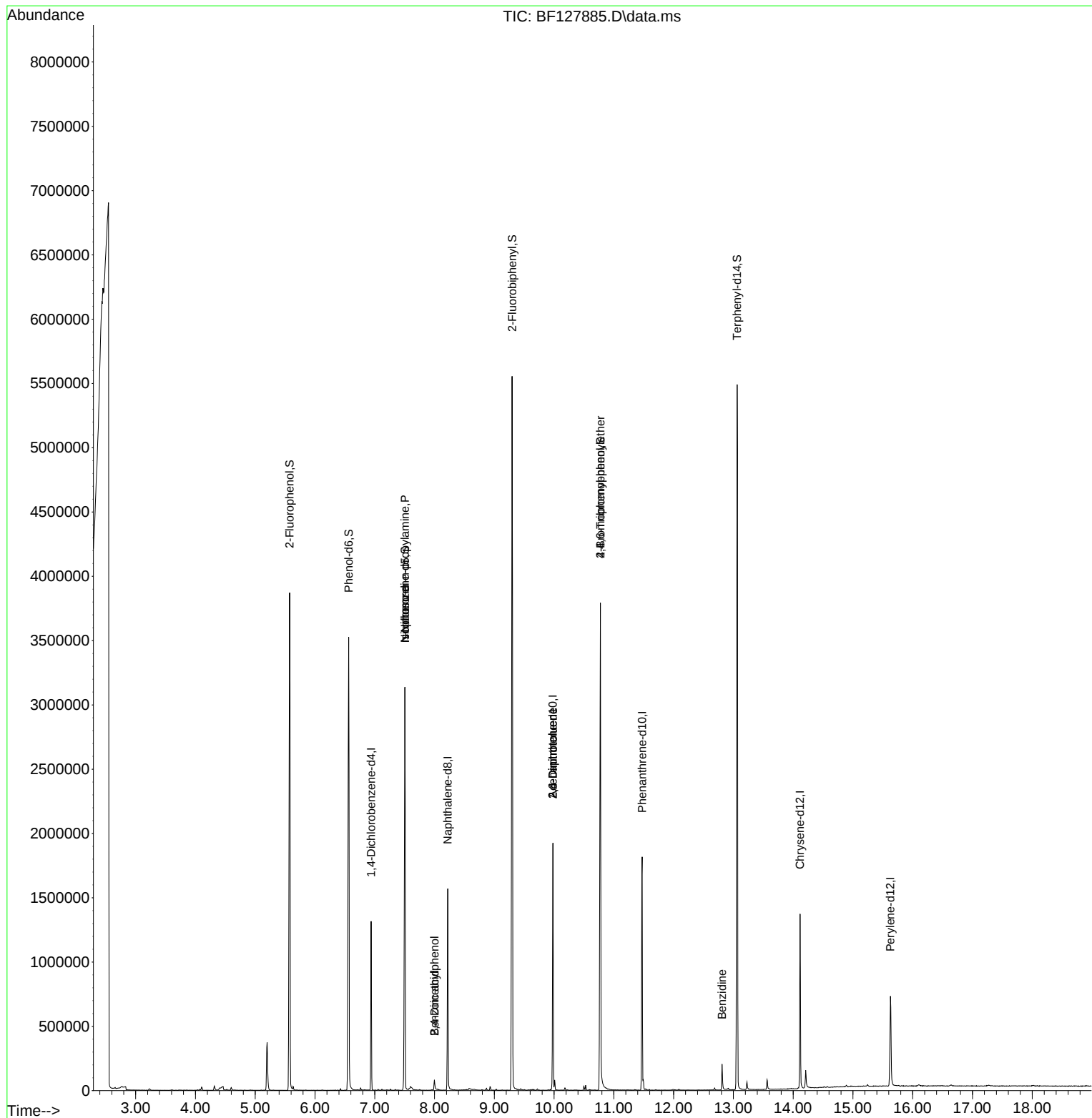
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	168070	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	652764	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	375395	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	702705	20.000	ng	0.00
76) Chrysene-d12	14.115	240	471674	20.000	ng	-0.01
86) Perylene-d12	15.627	264	347162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1130067	107.095	ng	0.01
7) Phenol-d6	6.563	99	1330718	97.190	ng	0.00
23) Nitrobenzene-d5	7.504	82	1176198	84.732	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	491247	129.994	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1860106	83.827	ng	0.00
79) Terphenyl-d14	13.063	244	2260730	87.643	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	159633	19.046	ng	# 81
25) Isophorone	7.504	82	1176186	50.343	ng	# 68
27) 2,4-Dimethylphenol	7.998	122	20553	2.171	ng	# 85
32) Benzoic acid	7.998	122	20553	3.029	ng	# 14
51) 2,6-Dinitrotoluene	9.980	165	48259	8.853	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	48259	6.684	ng	# 26
67) 4-Bromophenyl-phenylether	10.774	248	31068	3.988	ng	# 1
77) Benzidine	12.810	184	82367	9.229	ng	100

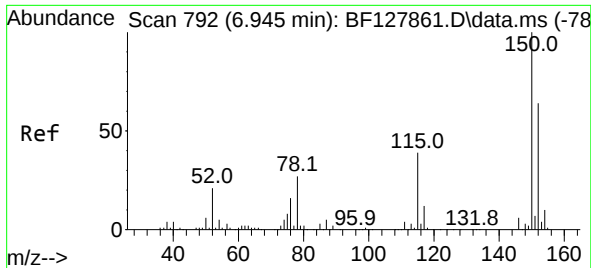
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
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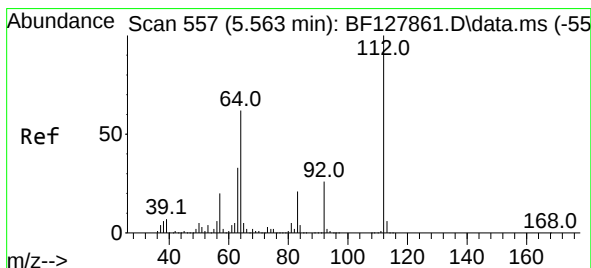
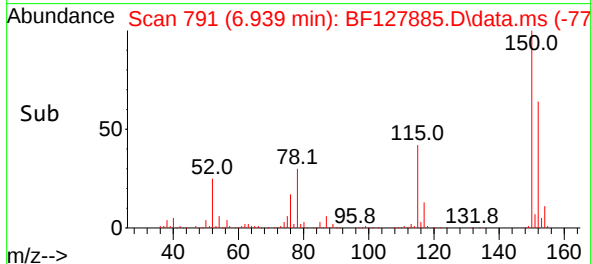
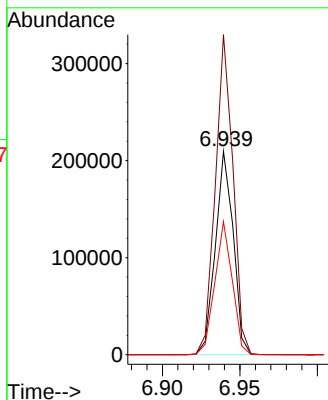
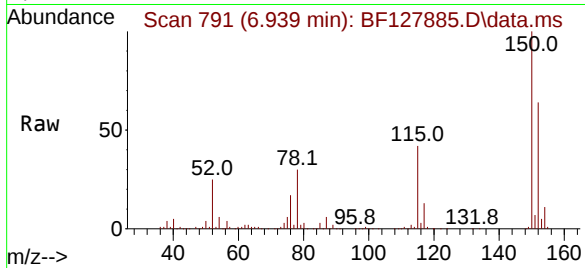




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF127885.D
 Acq: 25 Apr 2022 17:29

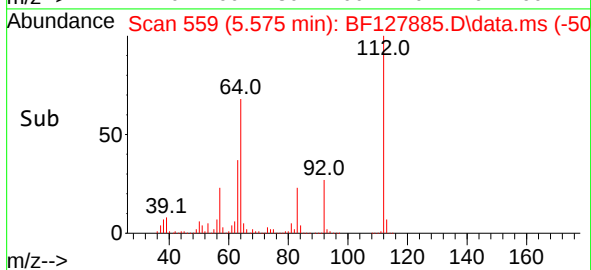
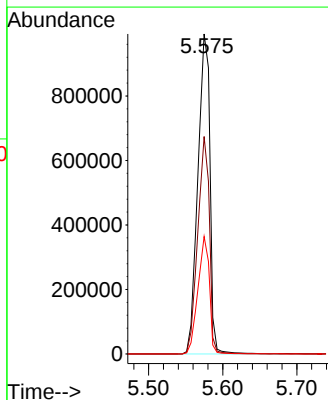
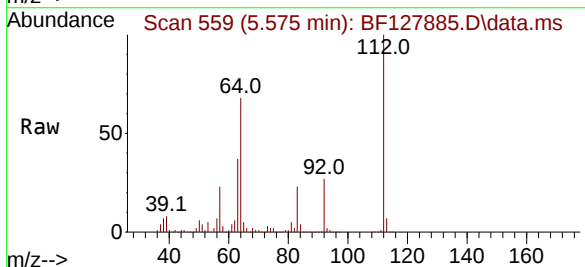
Instrument :
 BNA_F
 ClientSampleId :
 TMS-JET-GROUT-SPOILS-A

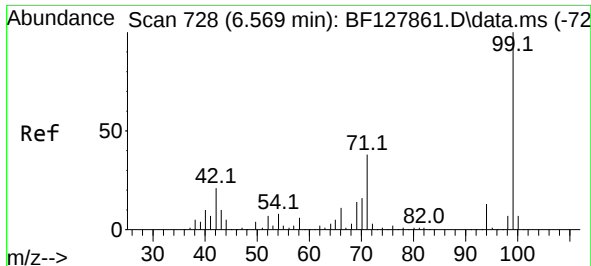
Tgt Ion:152 Resp: 168070
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.3 187.9
 115 65.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 107.095 ng
 RT: 5.575 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: BF127885.D
 Acq: 25 Apr 2022 17:29

Tgt Ion:112 Resp: 1130067
 Ion Ratio Lower Upper
 112 100
 64 67.9 49.5 74.3
 63 36.7 26.3 39.5

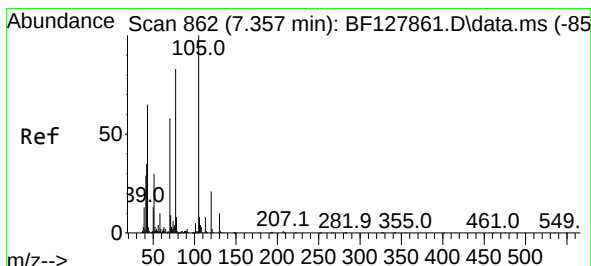
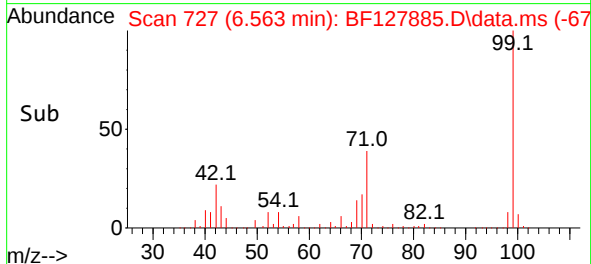
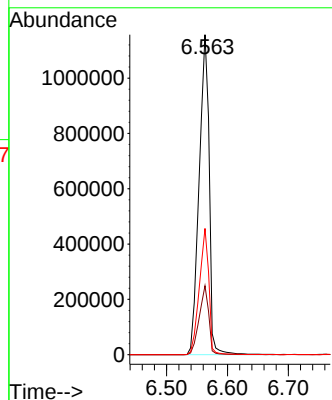
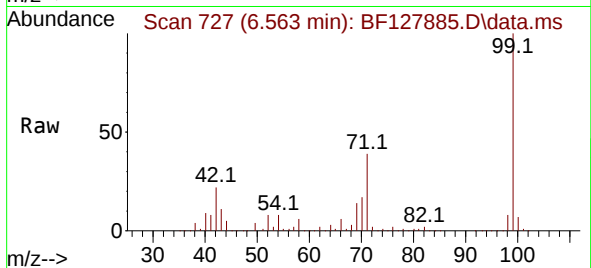




#7
Phenol-d6
Concen: 97.190 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

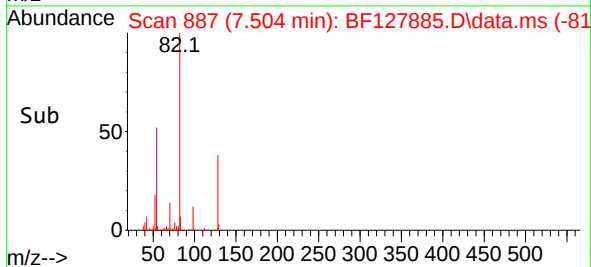
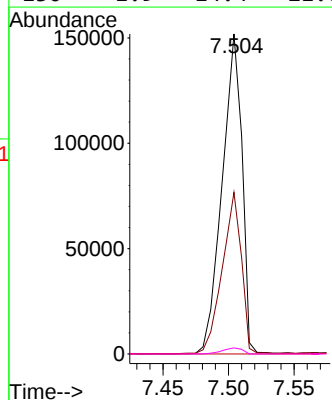
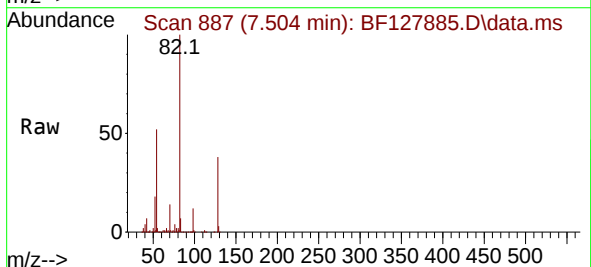
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

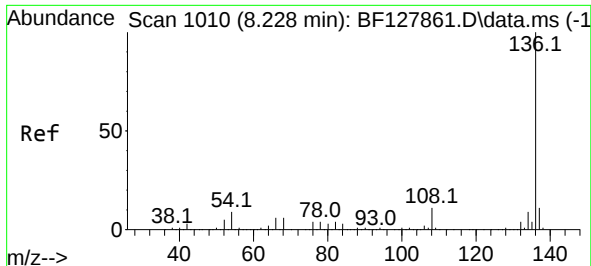
Tgt Ion: 99 Resp: 1330718
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.046 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion: 70 Resp: 159633
Ion Ratio Lower Upper
70 100
42 50.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

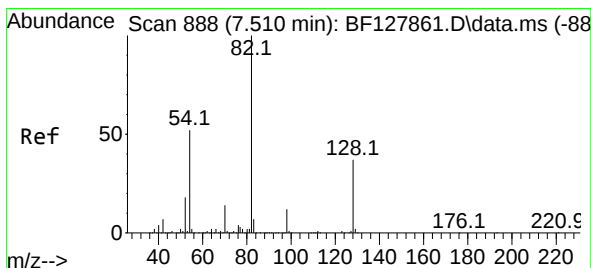
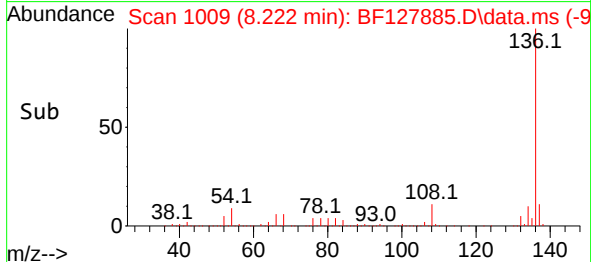
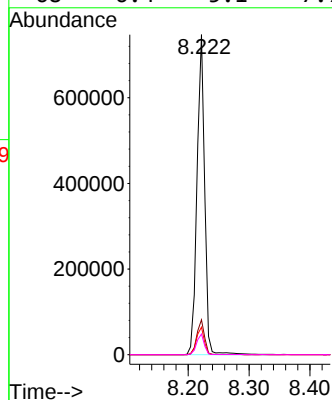
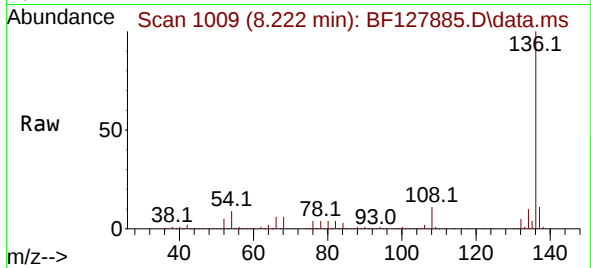




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

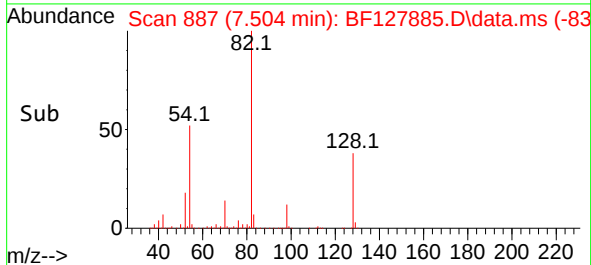
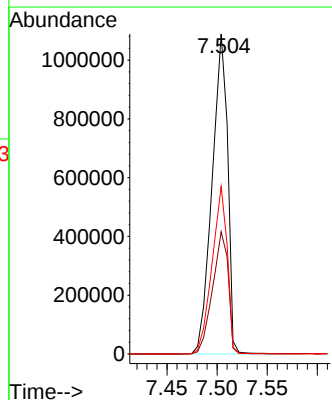
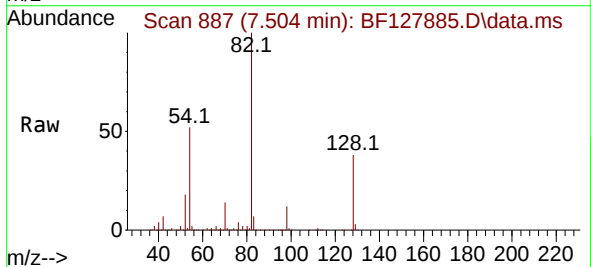
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

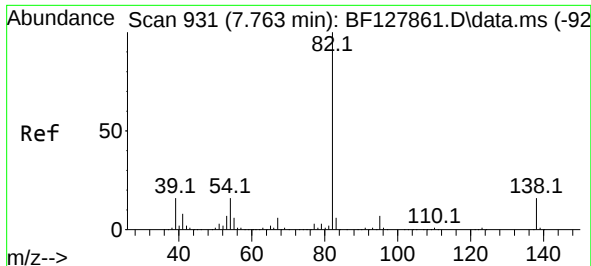
Tgt Ion:	136	Resp:	652764
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 84.732 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:	82	Resp:	1176198
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	52.3	41.3	61.9

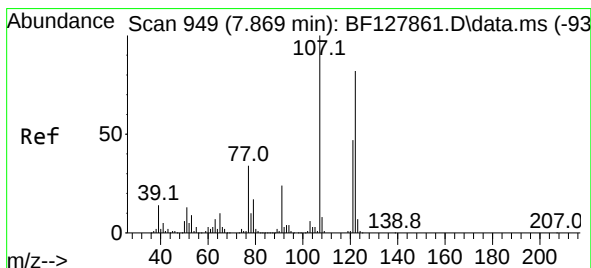
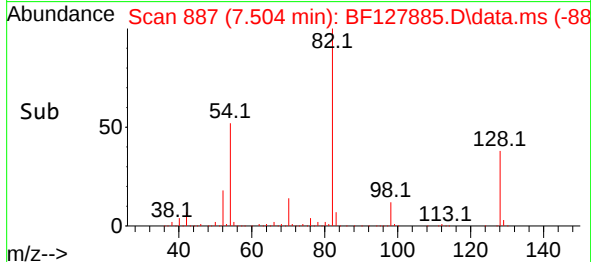
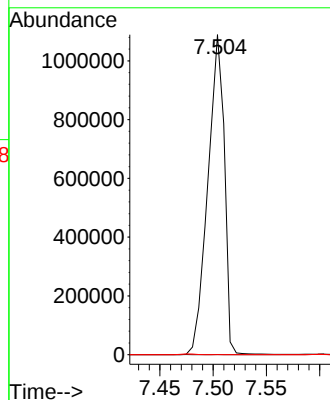
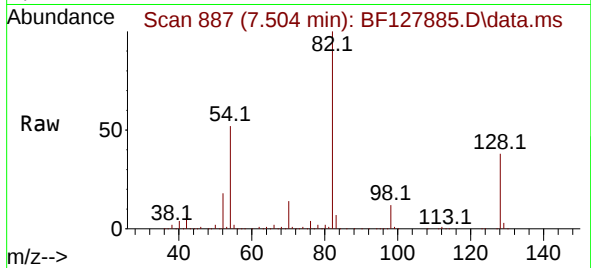




#25
Isophorone
Concen: 50.343 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

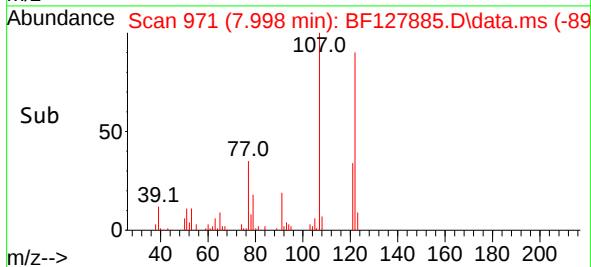
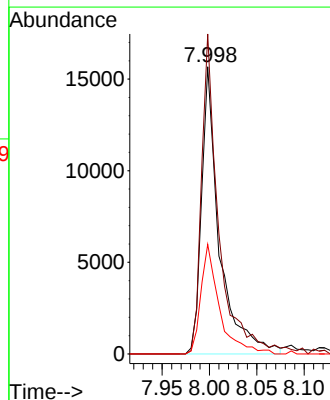
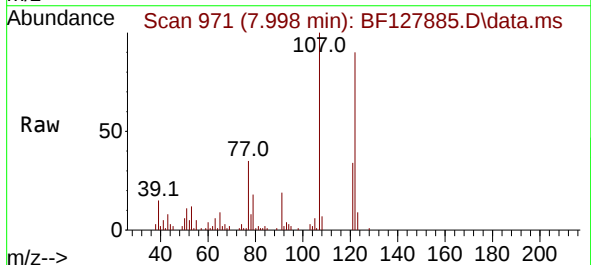
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

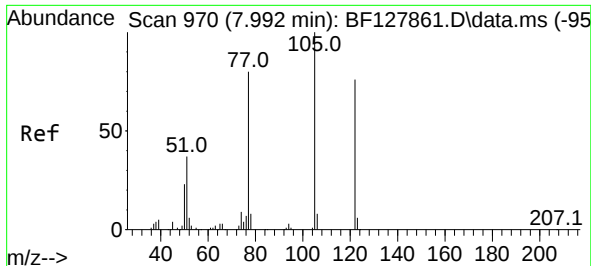
Tgt Ion: 82 Resp: 1176186
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#27
2,4-Dimethylphenol
Concen: 2.171 ng
RT: 7.998 min Scan# 971
Delta R.T. 0.129 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion: 122 Resp: 20553
Ion Ratio Lower Upper
122 100
107 111.4 97.5 146.3
121 38.1 46.0 69.0#

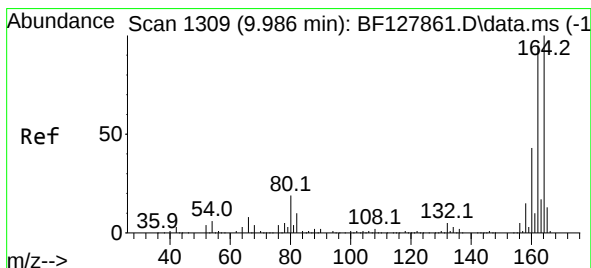
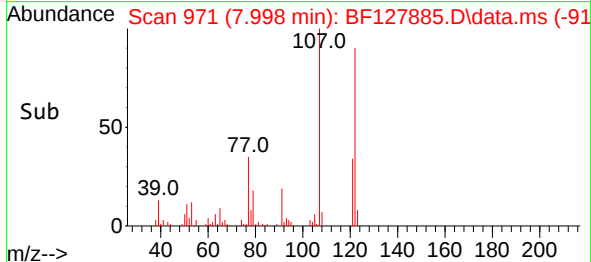
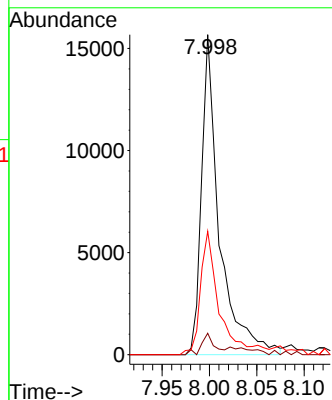
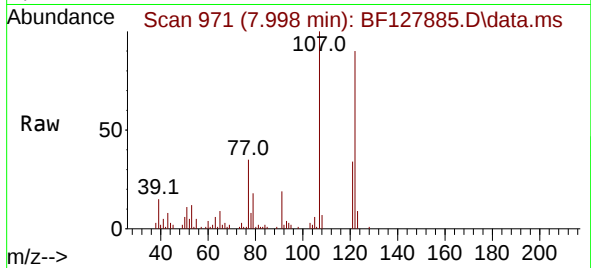




#32
Benzoic acid
Concen: 3.029 ng
RT: 7.998 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

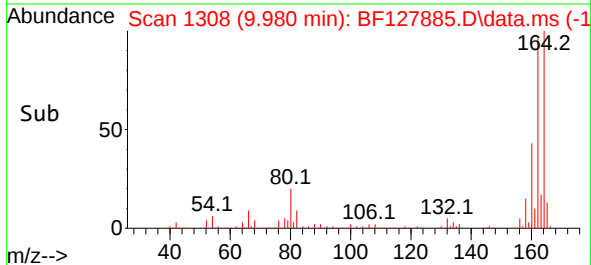
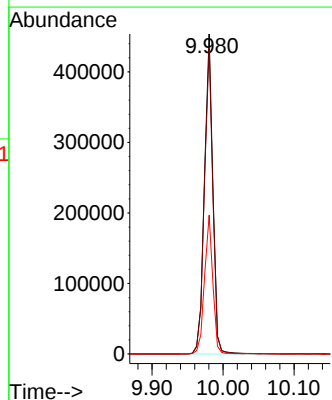
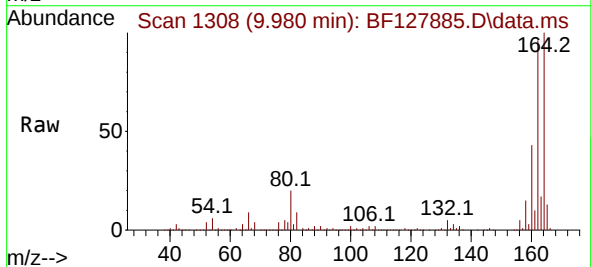
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

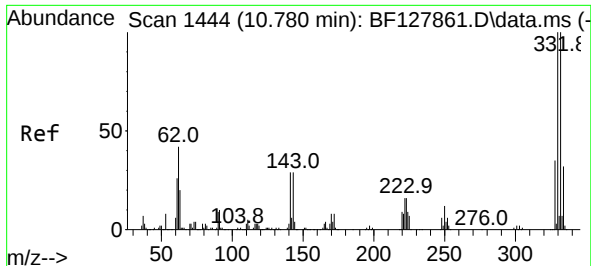
Tgt Ion:122 Resp: 20553
Ion Ratio Lower Upper
122 100
105 6.7 107.9 147.9#
77 38.6 82.5 122.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:164 Resp: 375395
Ion Ratio Lower Upper
164 100
162 95.8 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 129.994 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127885.D

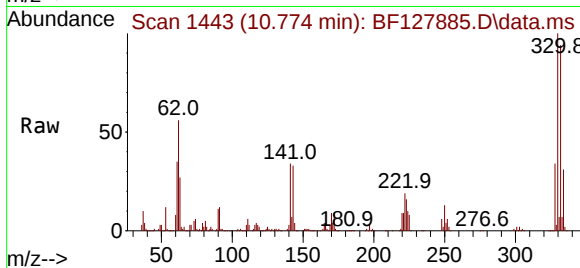
Acq: 25 Apr 2022 17:29

Instrument :

BNA_F

ClientSampleId :

TMS-JET-GROUT-SPOILS-A



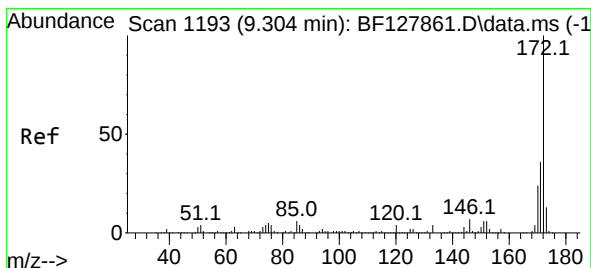
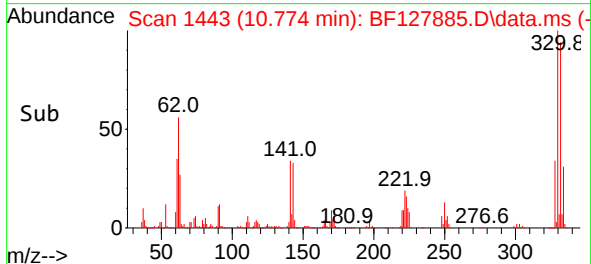
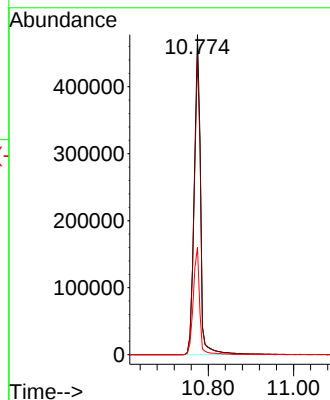
Tgt Ion:330 Resp: 491247

Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 83.827 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127885.D

Acq: 25 Apr 2022 17:29

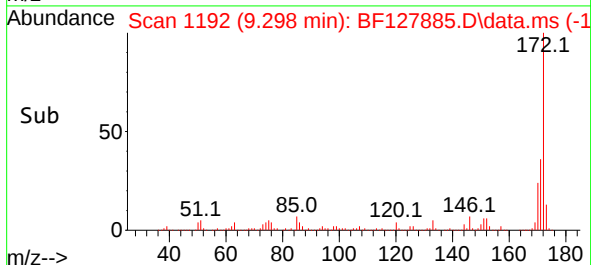
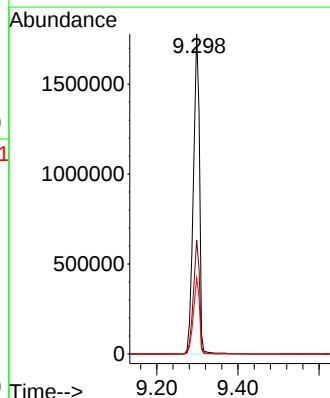
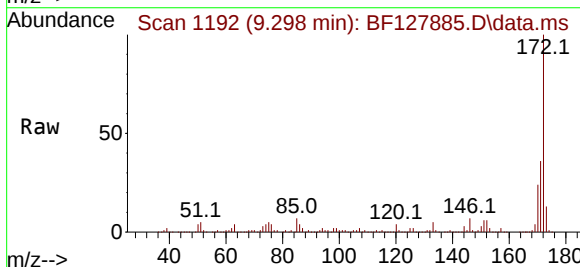
Tgt Ion:172 Resp: 1860106

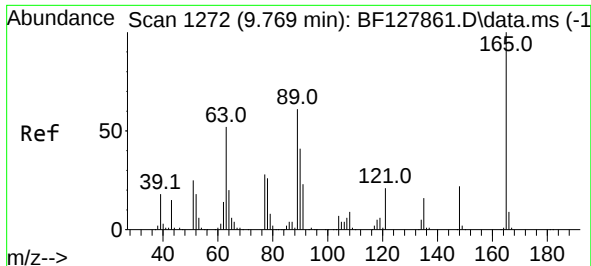
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.7 19.1 28.7

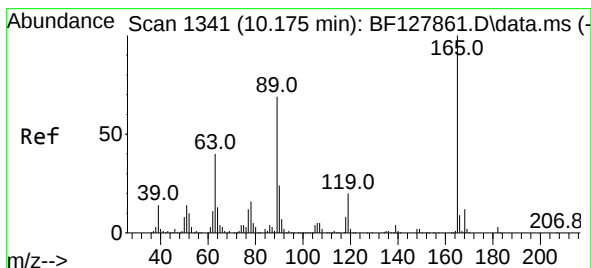
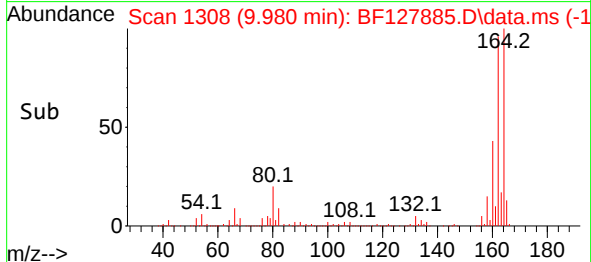
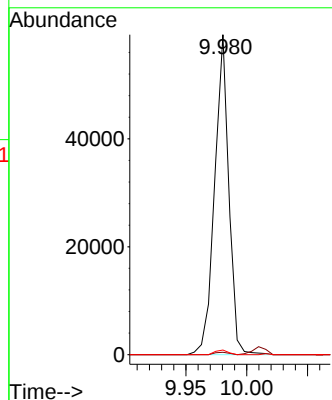
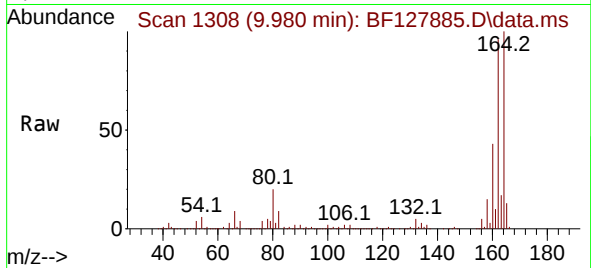




#51
2,6-Dinitrotoluene
Concen: 8.853 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

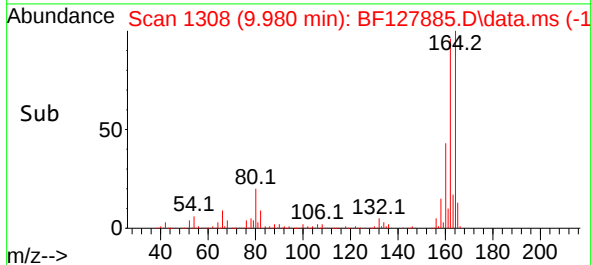
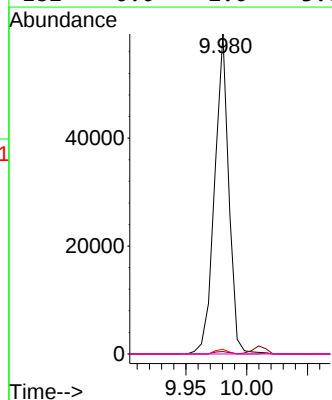
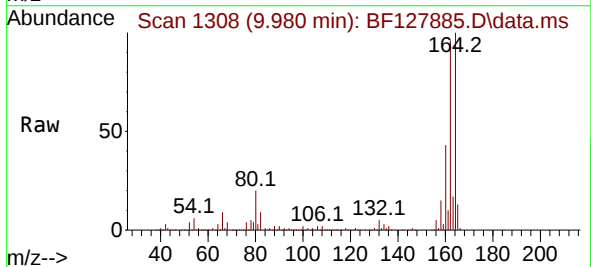
Instrument :
BNA_F
ClientSampleId :
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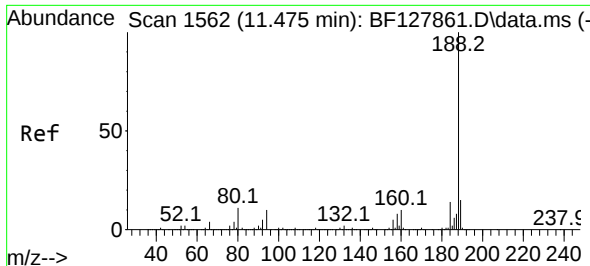
Tgt Ion:165 Resp: 48259
Ion Ratio Lower Upper
165 100
63 0.7 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:165 Resp: 48259
Ion Ratio Lower Upper
165 100
63 0.7 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

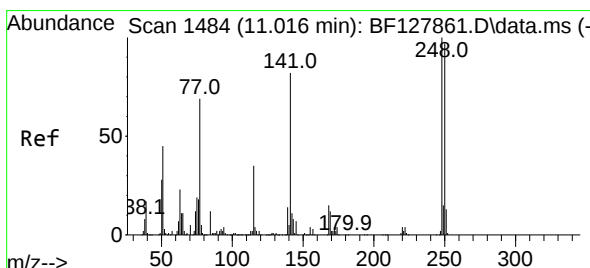
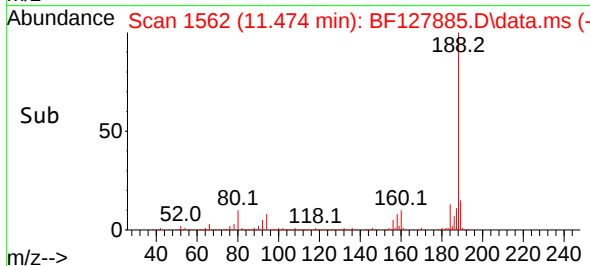
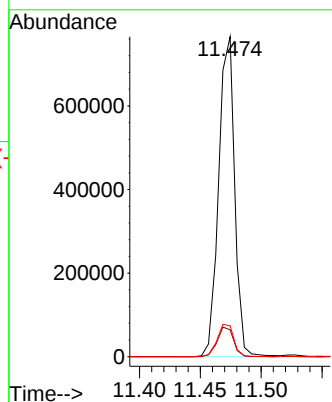
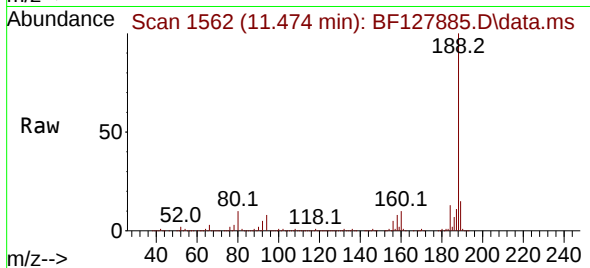




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

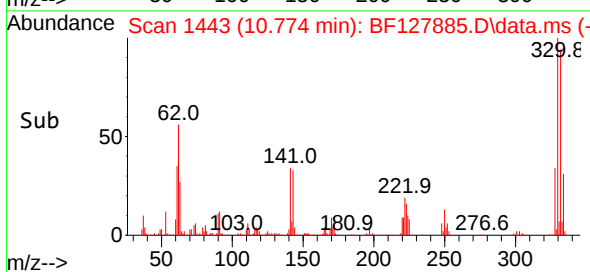
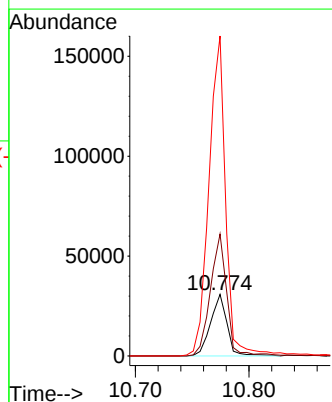
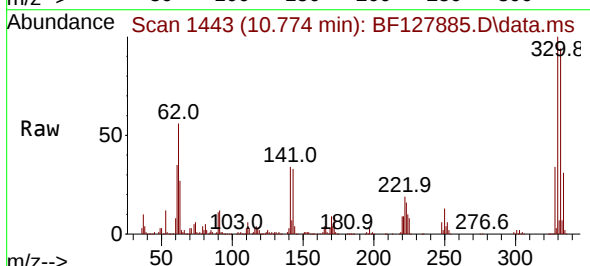
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

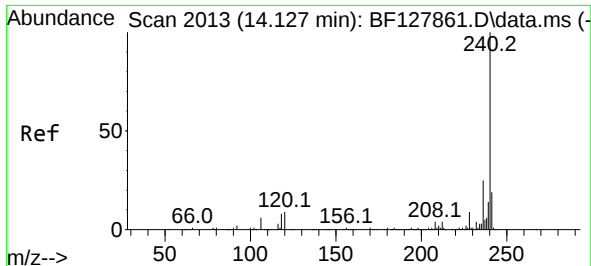
Tgt Ion:188 Resp: 702705
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:248 Resp: 31068
Ion Ratio Lower Upper
248 100
250 198.0 77.7 116.5#
141 519.6 65.6 98.4#

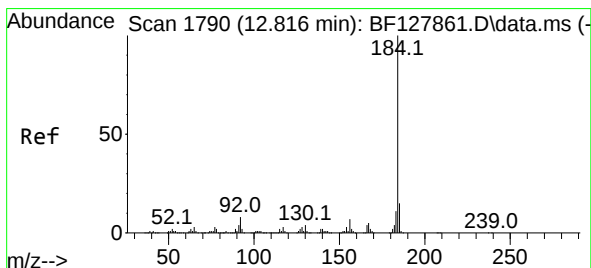
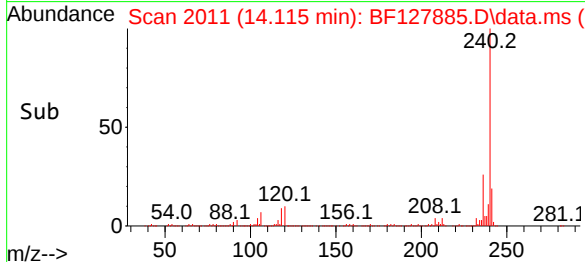
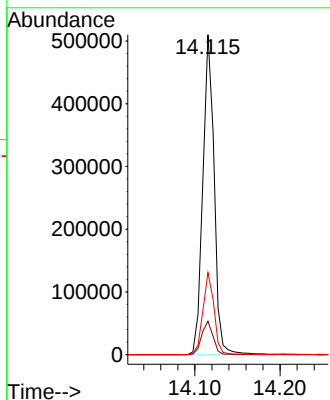
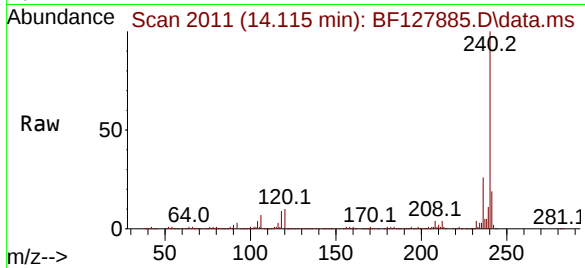




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

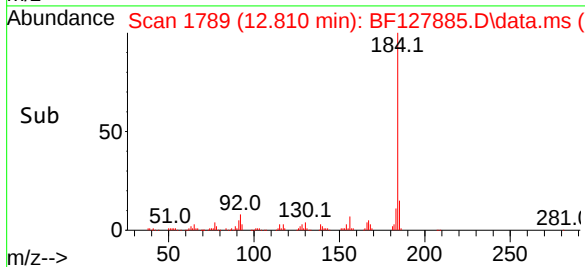
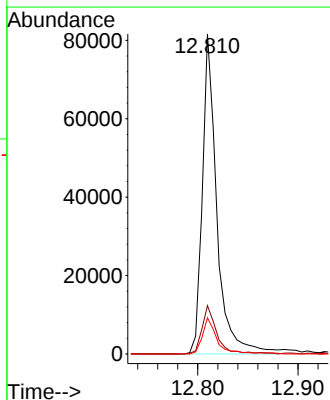
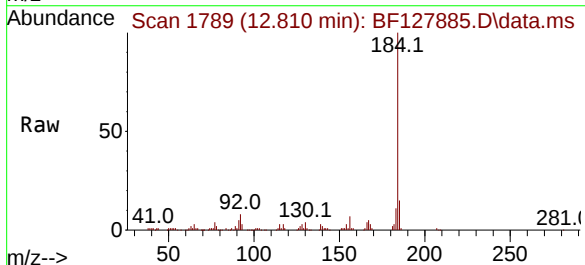
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-A

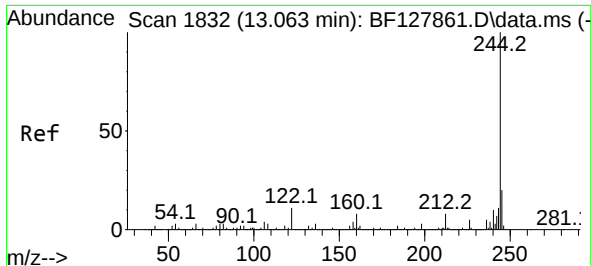
Tgt Ion:240 Resp: 471674
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 9.229 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF127885.D
Acq: 25 Apr 2022 17:29

Tgt Ion:184 Resp: 82367
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 11.3 9.0 13.4

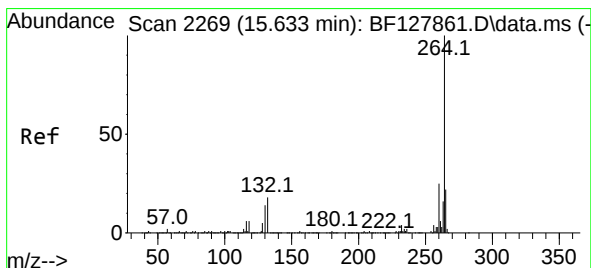
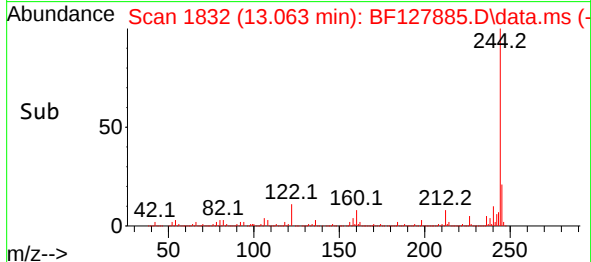
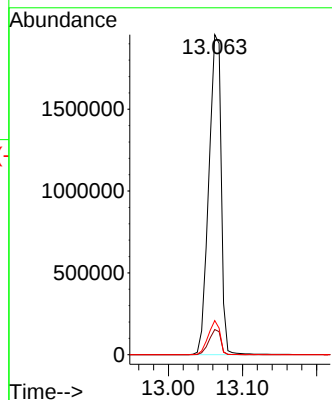
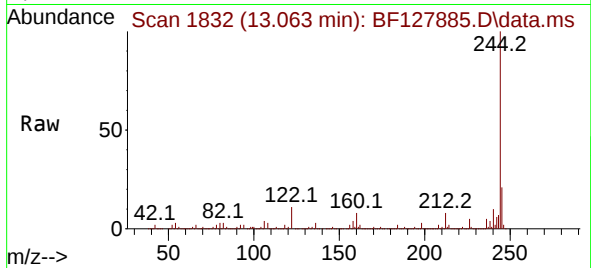




#79
 Terphenyl-d14
 Concen: 87.643 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF127885.D
 Acq: 25 Apr 2022 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TMS-JET-GROUT-SPOILS-A

Tgt Ion:244 Resp: 2260730
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF127885.D
 Acq: 25 Apr 2022 17:29

Tgt Ion:264 Resp: 347162
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.5 17.5 26.3

