

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127886.D
 Acq On : 25 Apr 2022 17:57
 Operator : CG\JU
 Sample : N2474-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 26 05:39:41 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	6.940	152	175324	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	686606	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	341270	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	712685	20.000	ng	0.00
76) Chrysene-d12	14.116	240	398430	20.000	ng	-0.01
86) Perylene-d12	15.627	264	33393	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1318921	119.821	ng	0.02
7) Phenol-d6	6.569	99	1524687	106.750	ng	0.00
23) Nitrobenzene-d5	7.504	82	1324487	90.711	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	542877	158.022	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	2097079	103.956	ng	0.00
79) Terphenyl-d14	13.069	244	2397203	110.018	ng	0.00

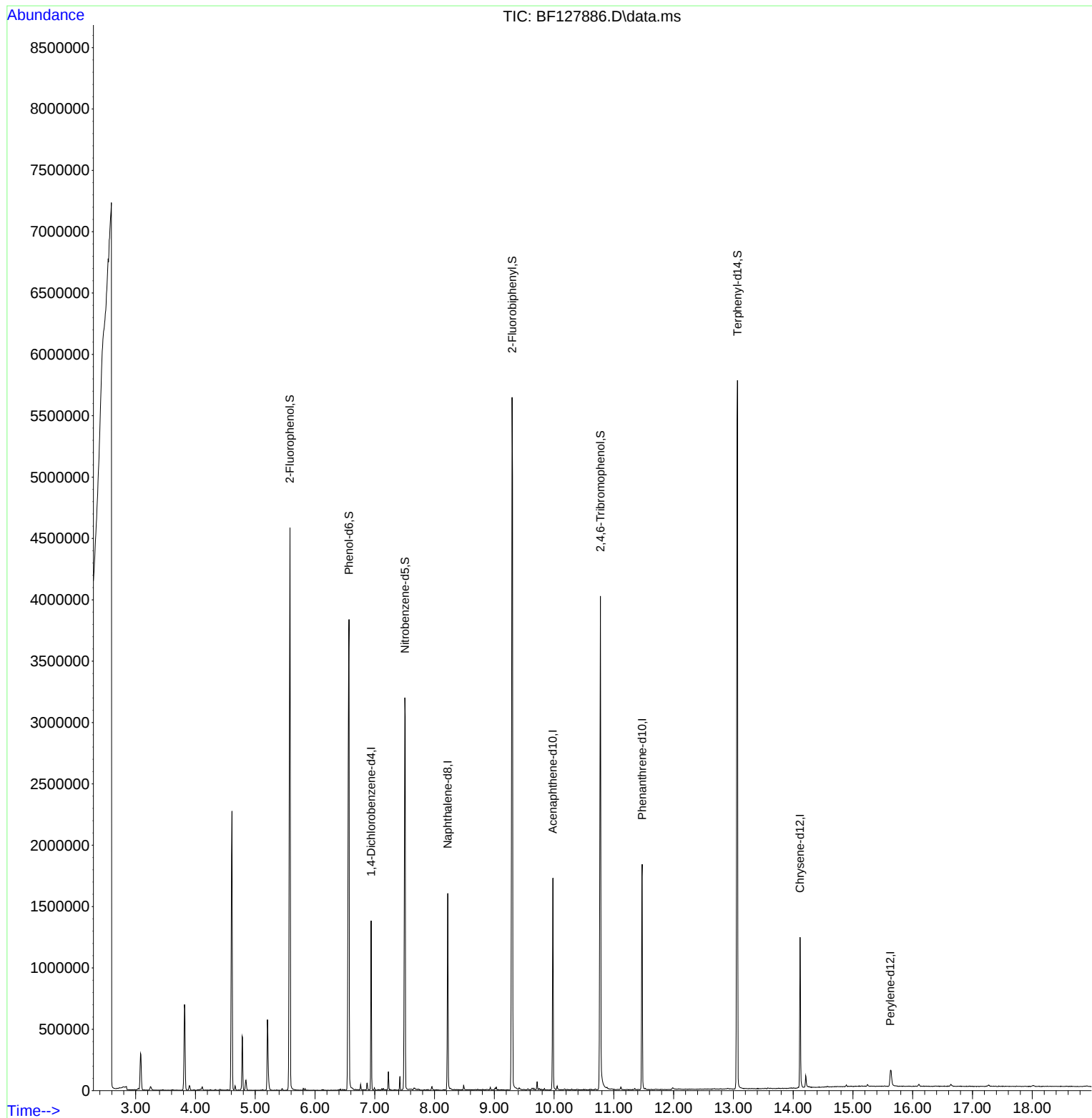
Target Compounds	Qvalue

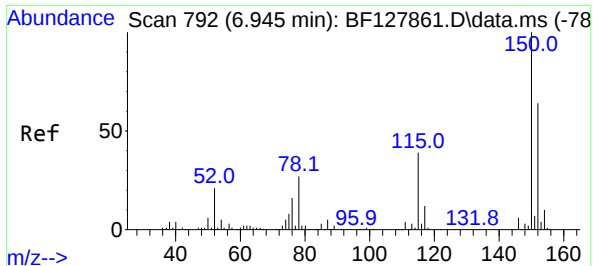
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127886.D
Acq On : 25 Apr 2022 17:57
Operator : CG\JU
Sample : N2474-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 26 05:39:41 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

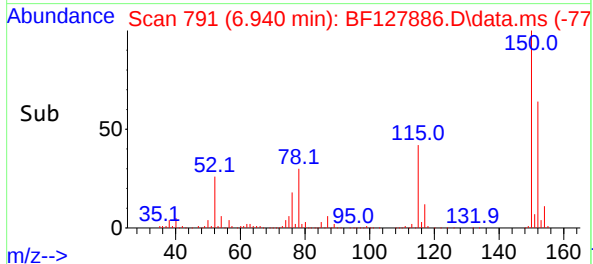
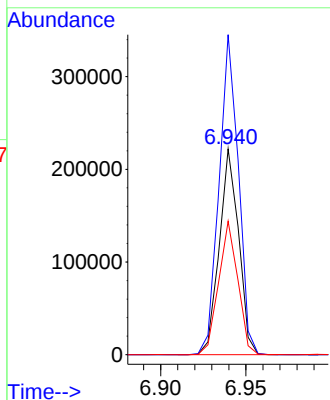
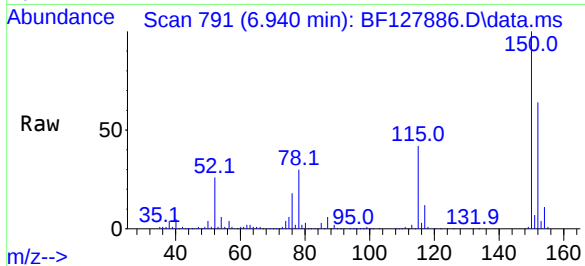




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127886.D
Acq: 25 Apr 2022 17:57

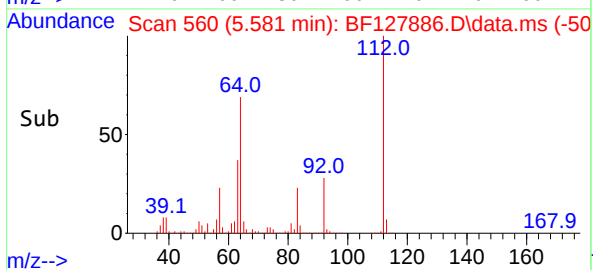
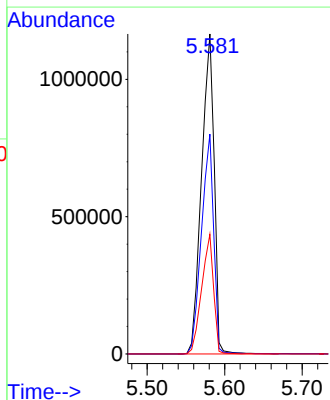
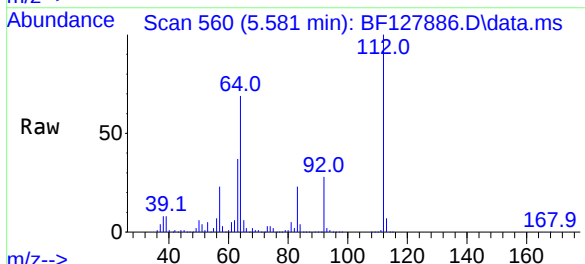
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-B

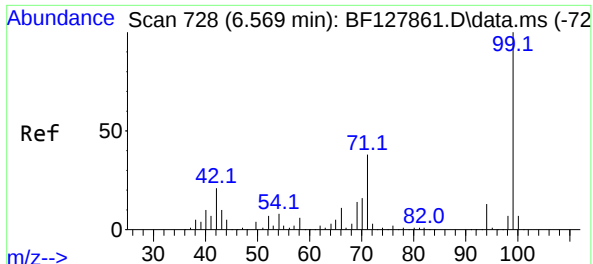
Tgt Ion:152 Resp: 175324
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 119.821 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF127886.D
Acq: 25 Apr 2022 17:57

Tgt Ion:112 Resp: 1318921
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 37.4 26.3 39.5

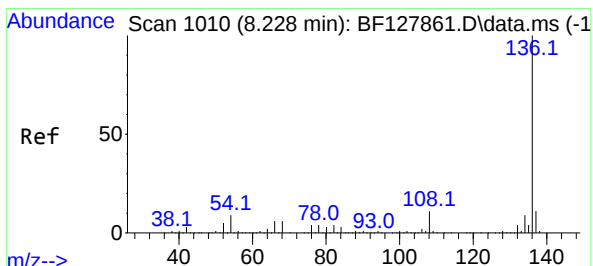
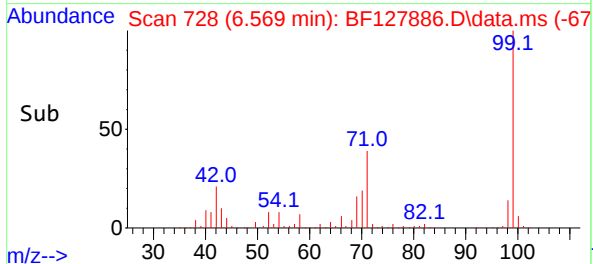
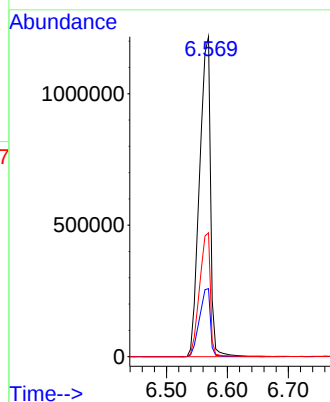
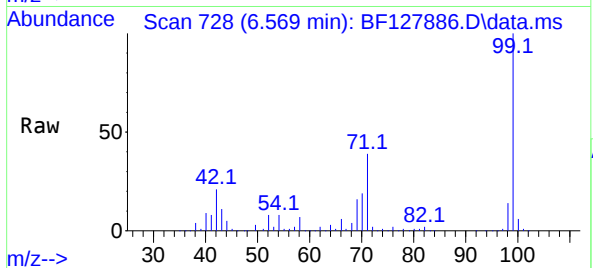




#7
Phenol-d6
Concen: 106.750 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127886.D
Acq: 25 Apr 2022 17:57

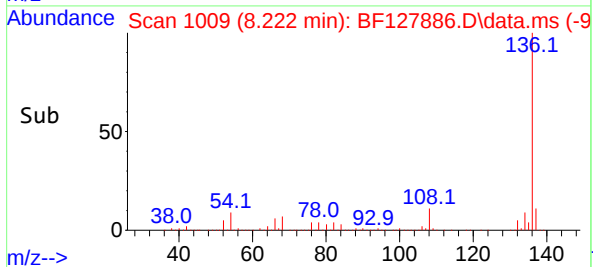
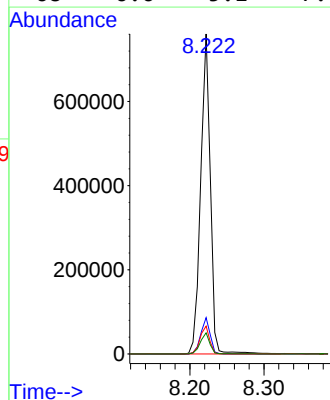
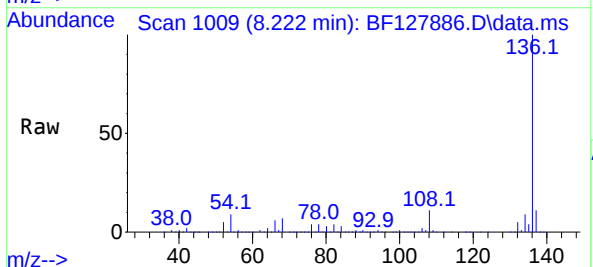
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-B

Tgt Ion: 99 Resp: 1524687
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127886.D
Acq: 25 Apr 2022 17:57

Tgt Ion:136 Resp: 686606
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.7 6.8 10.2
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 90.711 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127886.D

Acq: 25 Apr 2022 17:57

Instrument :

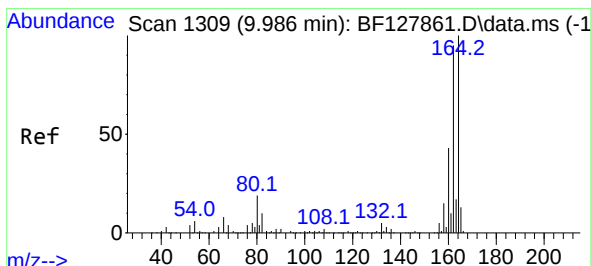
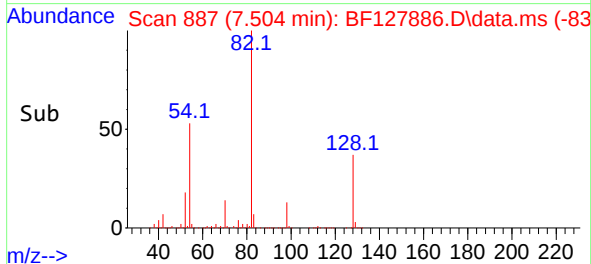
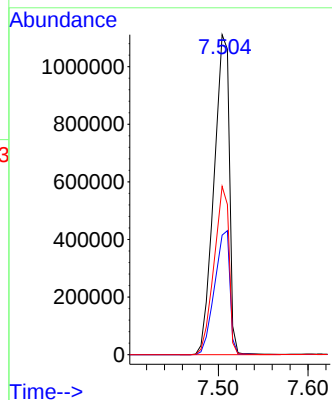
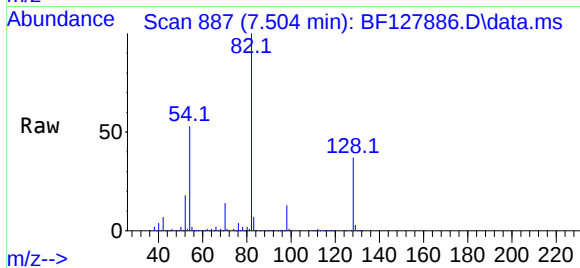
BNA_F

ClientSampleId :

TMS-JET-GROUT-SPOILS-B

Tgt Ion: 82 Resp: 1324487

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	52.6	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

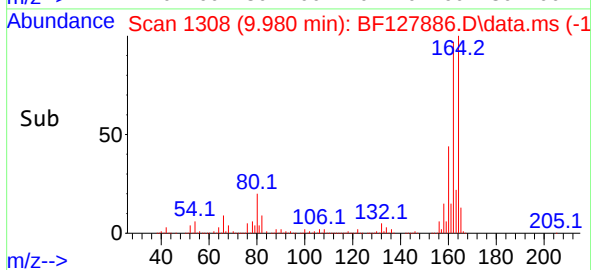
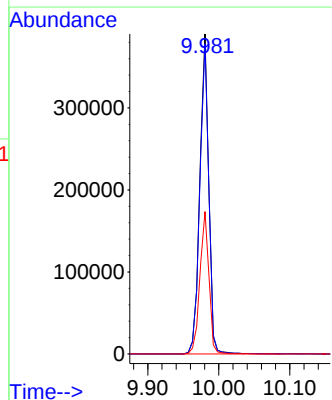
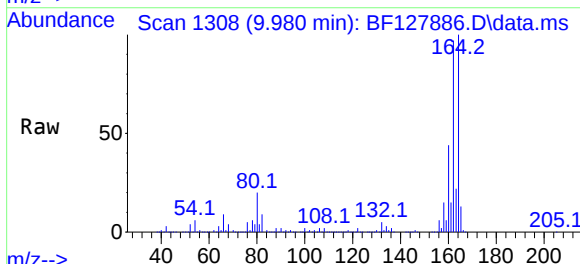
Delta R.T. -0.006 min

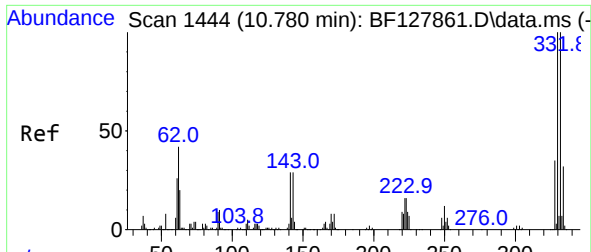
Lab File: BF127886.D

Acq: 25 Apr 2022 17:57

Tgt Ion:164 Resp: 341270

Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.0	114.0
160	44.5	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 158.022 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127886.D

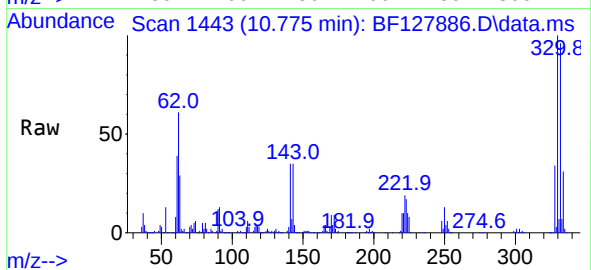
Acq: 25 Apr 2022 17:57

Instrument :

BNA_F

ClientSampleId :

TMS-JET-GROUT-SPOILS-B



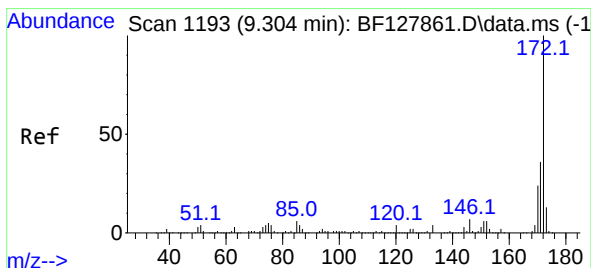
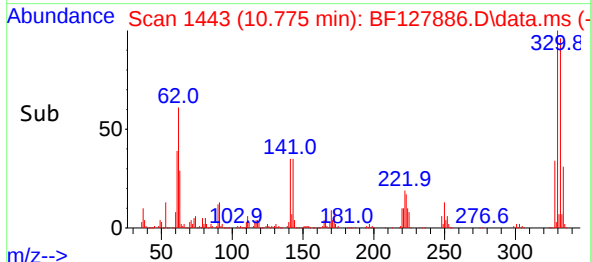
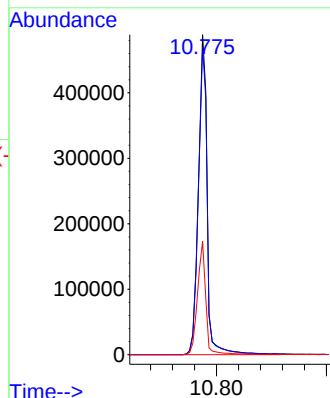
Tgt Ion:330 Resp: 542877

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 103.956 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127886.D

Acq: 25 Apr 2022 17:57

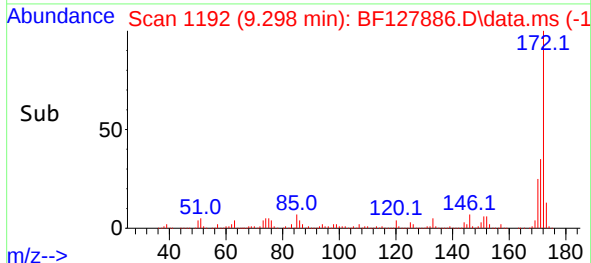
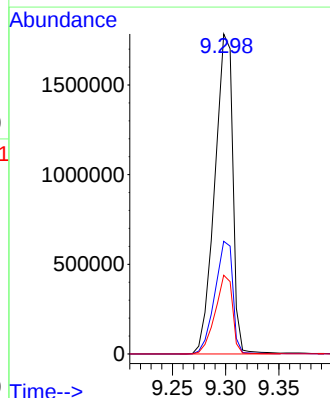
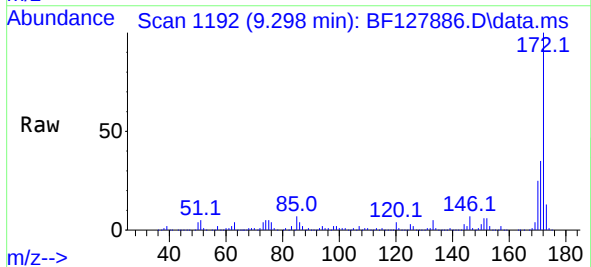
Tgt Ion:172 Resp: 2097079

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.6 19.1 28.7

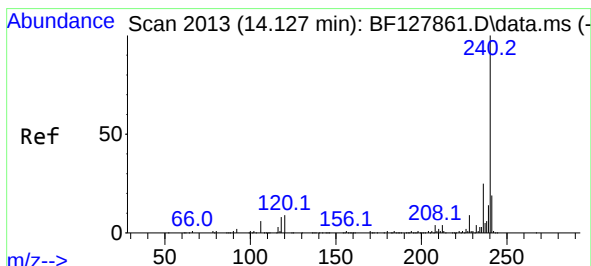
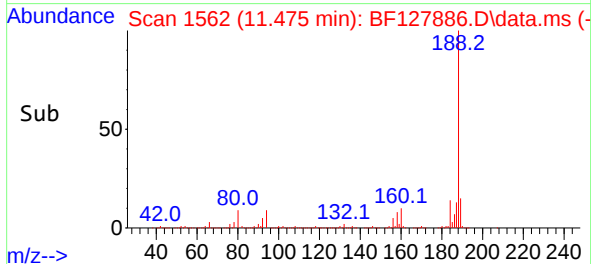
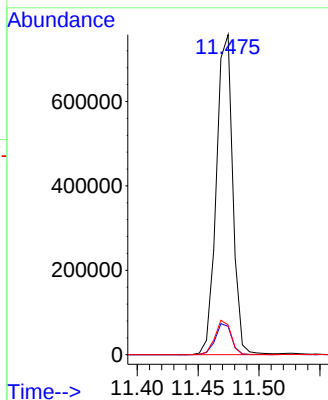
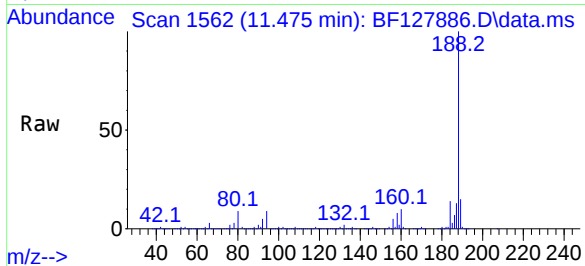




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127886.D
Acq: 25 Apr 2022 17:57

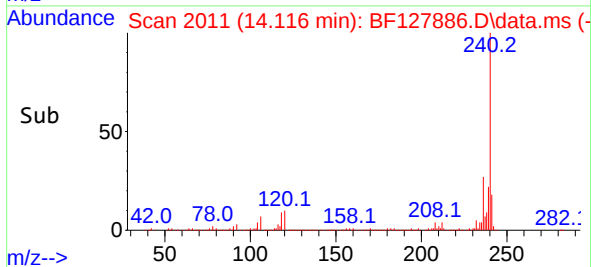
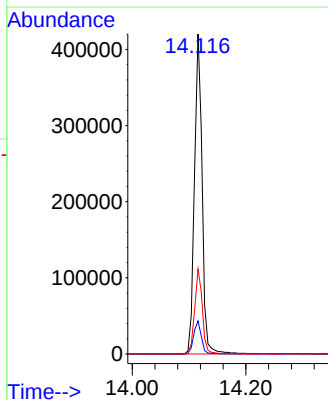
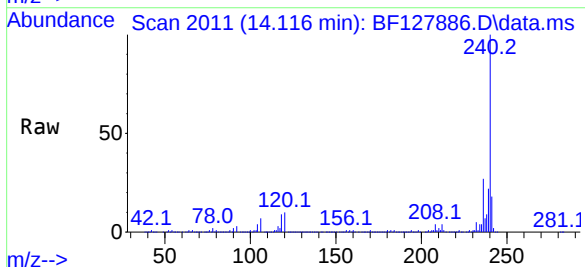
Instrument :
BNA_F
ClientSampleId :
TMS-JET-GROUT-SPOILS-B

Tgt Ion:188 Resp: 712685
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127886.D
Acq: 25 Apr 2022 17:57

Tgt Ion:240 Resp: 398430
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 26.5 20.3 30.5

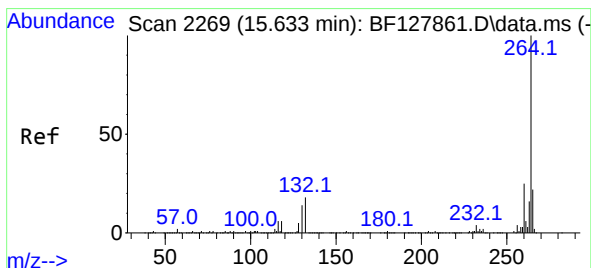
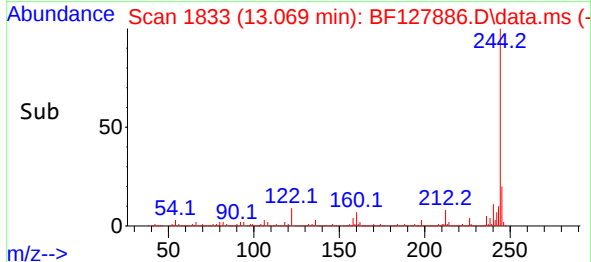
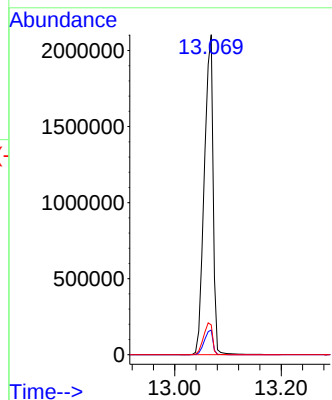
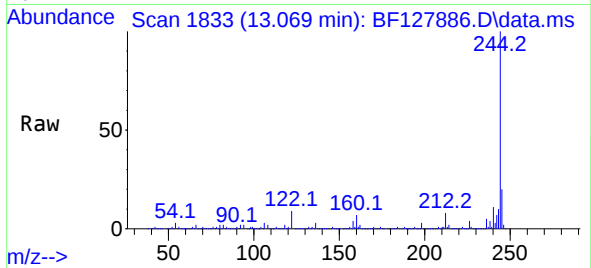




#79
 Terphenyl-d14
 Concen: 110.018 ng
 RT: 13.069 min Scan# 1832
 Delta R.T. 0.006 min
 Lab File: BF127886.D
 Acq: 25 Apr 2022 17:57

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

Tgt Ion:244 Resp: 2397203
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.3 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: BF127886.D
 Acq: 25 Apr 2022 17:57

Tgt Ion:264 Resp: 33393
 Ion Ratio Lower Upper
 264 100
 260 44.1 20.1 30.1#
 265 20.5 17.5 26.3

