

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127338.D
 Acq On : 15 Mar 2022 22:08
 Operator : CG\JU
 Sample : N1918-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AVENUE-X-GROUT-SAMPLE-B

Quant Time: Mar 16 05:31:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

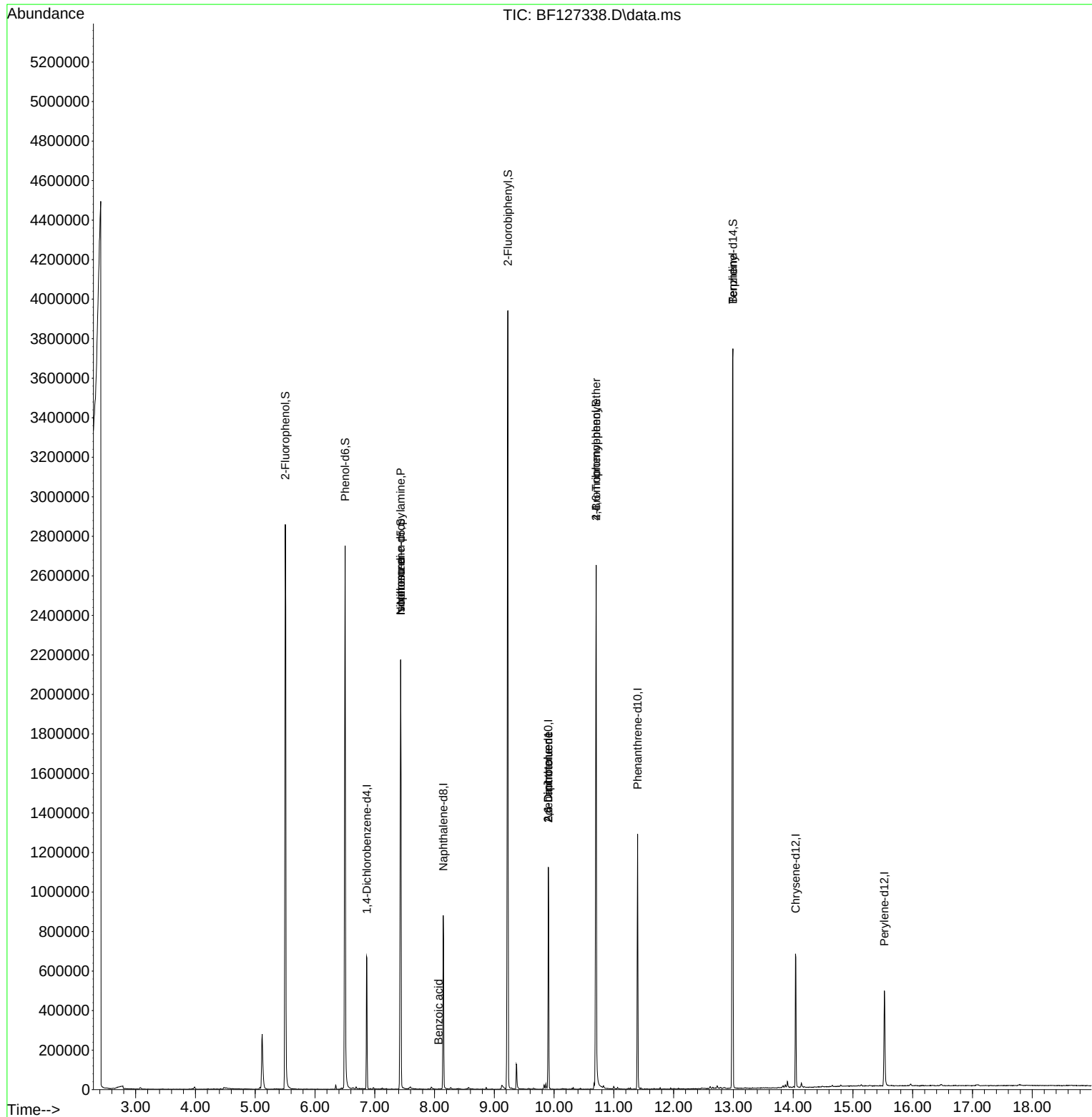
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	97911	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	373520	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	228868	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	426659	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	246455	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	223117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	757162	124.315	ng	0.01
7) Phenol-d6	6.504	99	964978	115.172	ng	0.00
23) Nitrobenzene-d5	7.434	82	759342	83.956	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	342569	139.044	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1298885	80.236	ng	0.00
79) Terphenyl-d14	12.992	244	1577728	110.234	ng	0.00
Target Compounds						
9) Benzaldehyde	6.434	77	1080	Below Cal		Qvalue 90
19) n-Nitroso-di-n-propyla...	7.434	70	105582	20.193	ng	# 88
25) Isophorone	7.434	82	759342	52.213	ng	# 69
32) Benzoic acid	8.069	122	80	6.642	ng	90
51) 2,6-Dinitrotoluene	9.904	165	29013	8.746	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	29013	6.647	ng	# 16
67) 4-Bromophenyl-phenylether	10.704	248	23486	4.566	ng	# 1
77) Benzidine	12.992	184	20289	3.237	ng	# 95

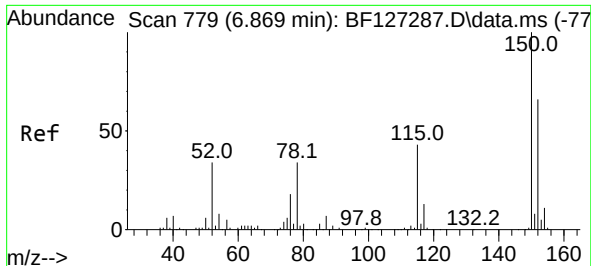
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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Quant Time: Mar 16 05:31:24 2022
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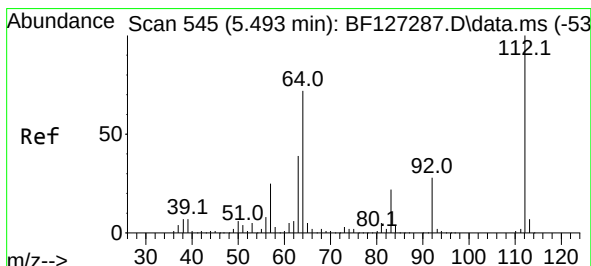
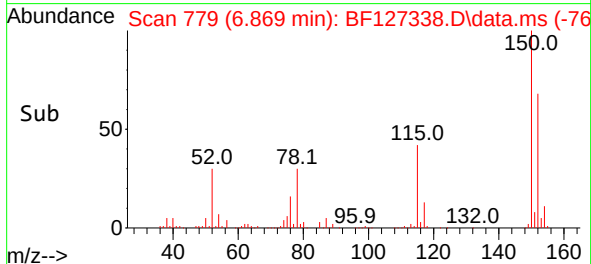
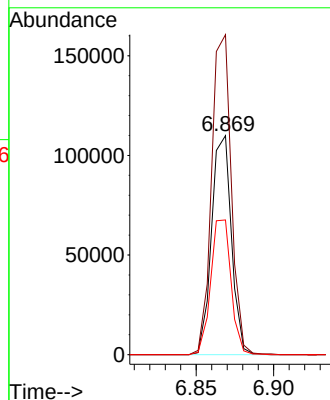
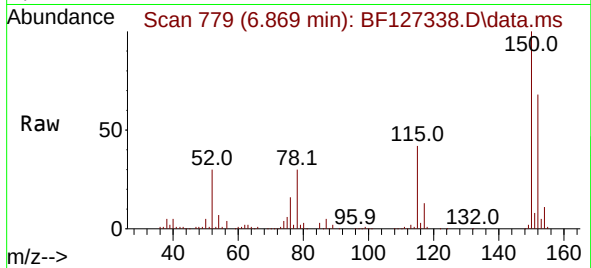




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

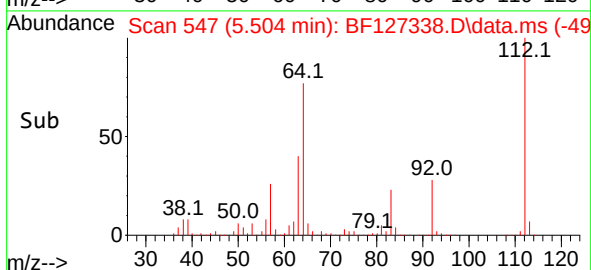
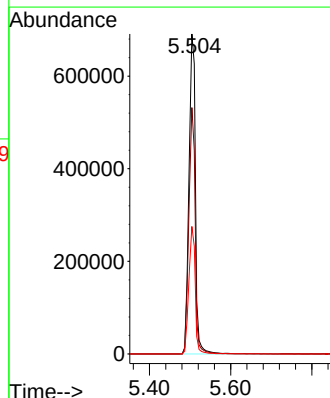
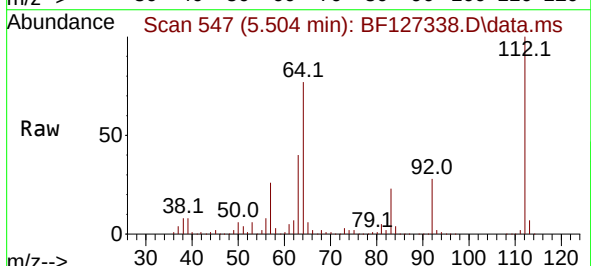
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

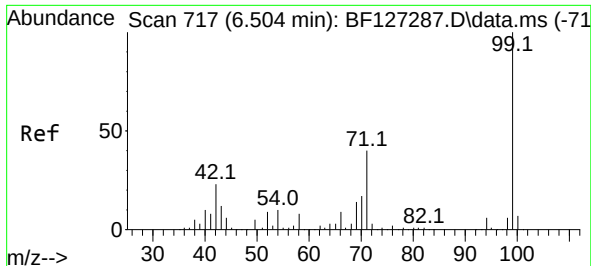
Tgt Ion:152 Resp: 97911
Ion Ratio Lower Upper
152 100
150 146.1 128.1 192.1
115 61.5 56.7 85.1



#5
2-Fluorophenol
Concen: 124.315 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion:112 Resp: 757162
Ion Ratio Lower Upper
112 100
64 77.0 49.5 74.3#
63 39.9 23.9 35.9#

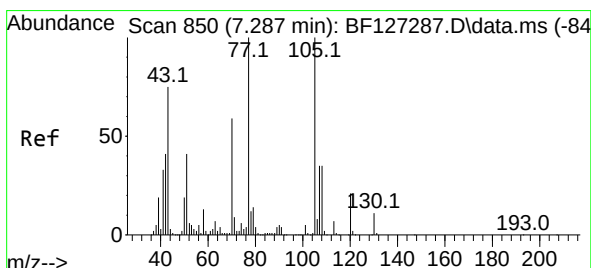
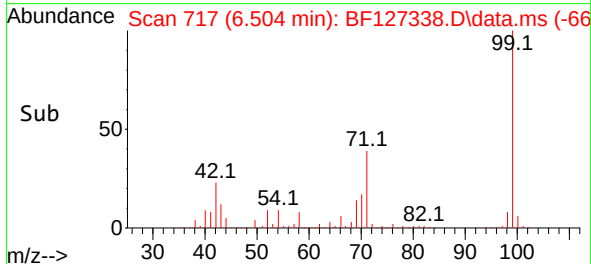
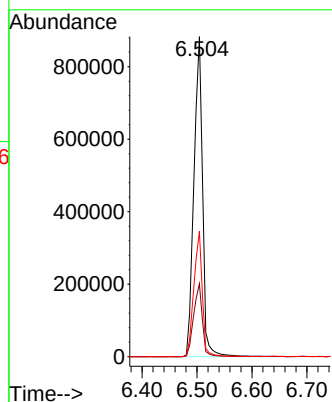
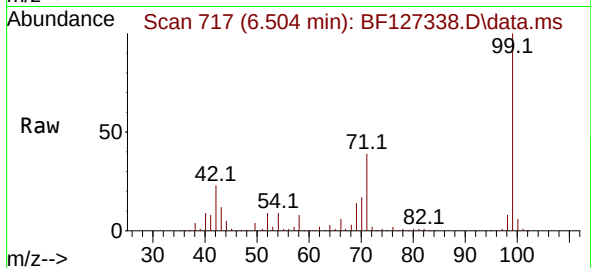




#7
Phenol-d6
Concen: 115.172 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

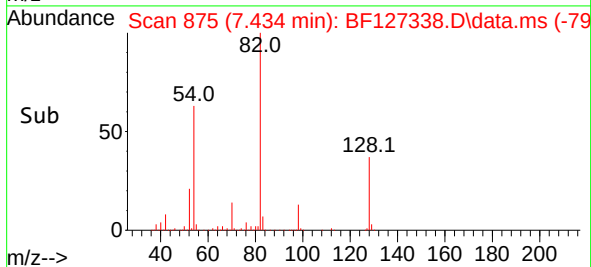
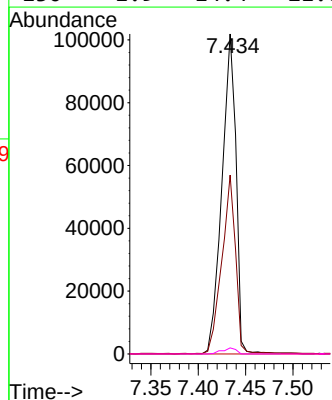
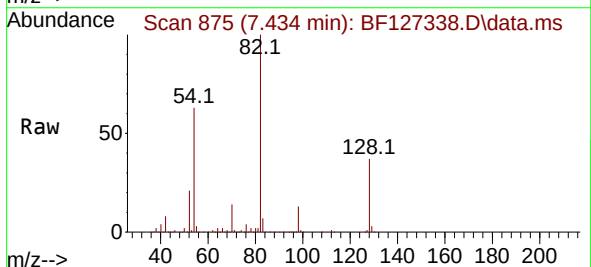
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

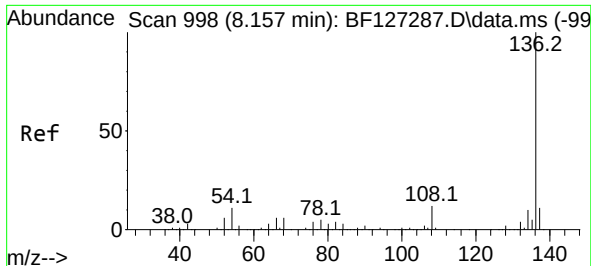
Tgt Ion: 99 Resp: 964978
Ion Ratio Lower Upper
99 100
42 22.8 14.2 21.4#
71 39.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.193 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion: 70 Resp: 105582
Ion Ratio Lower Upper
70 100
42 55.9 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

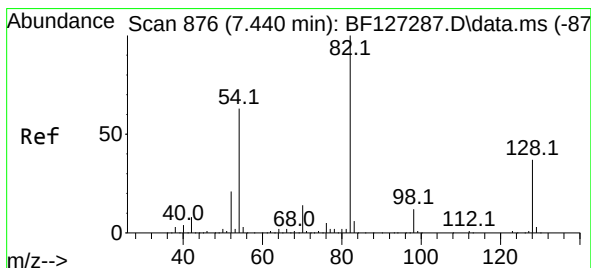
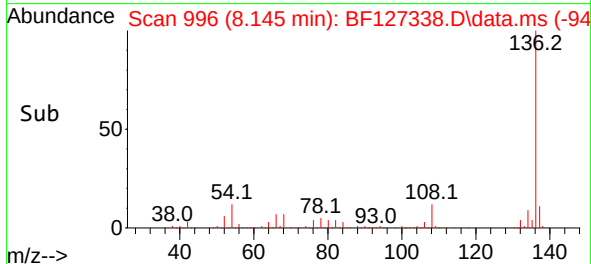
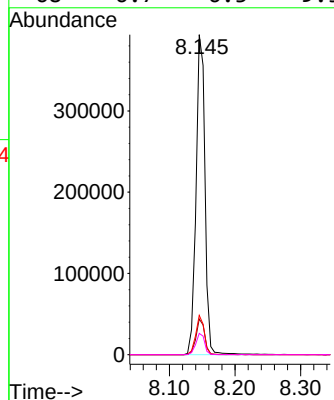
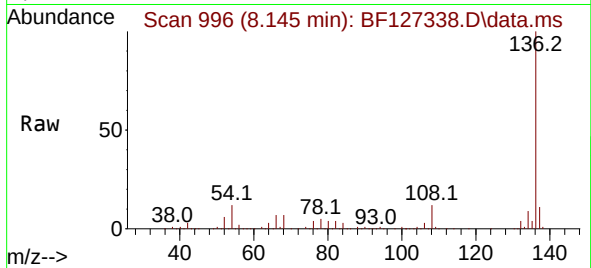




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

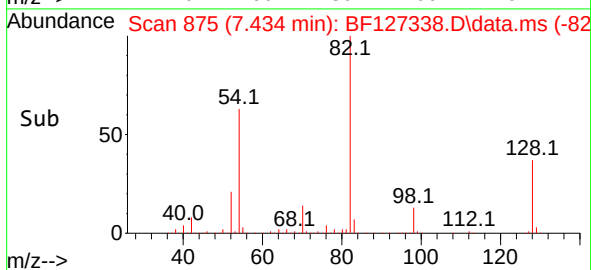
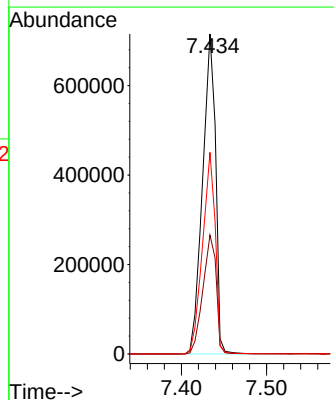
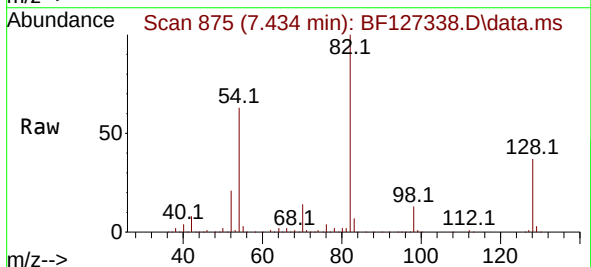
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

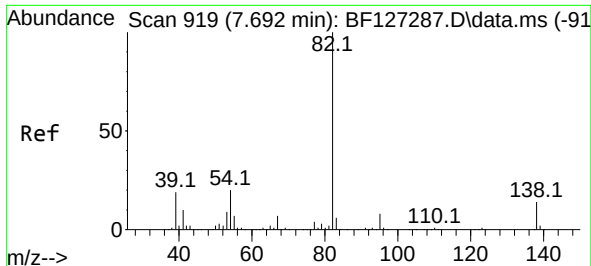
Tgt Ion:136 Resp: 373520
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.3 7.8 11.6#
68 6.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.956 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion: 82 Resp: 759342
Ion Ratio Lower Upper
82 100
128 37.2 32.7 49.1
54 63.0 41.7 62.5#

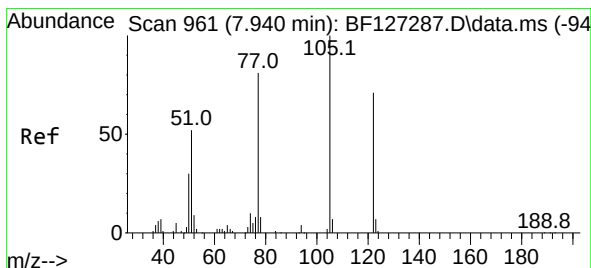
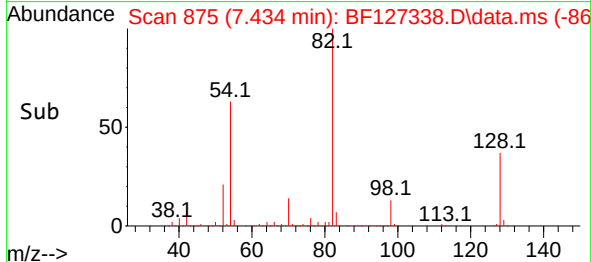
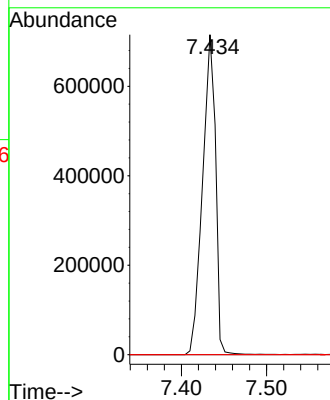
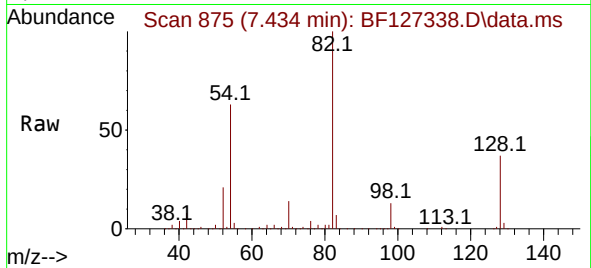




#25
Isophorone
Concen: 52.213 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

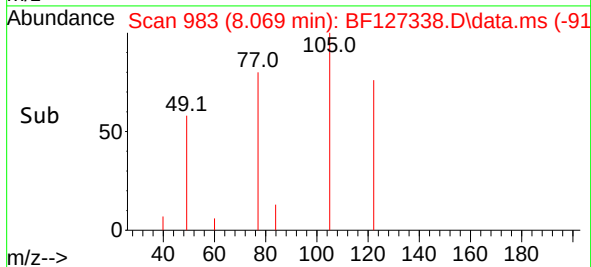
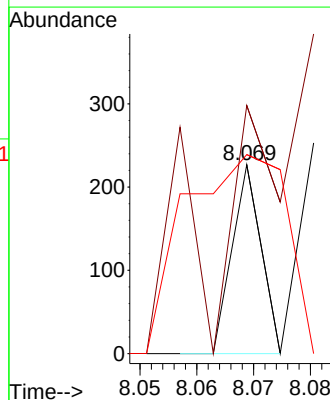
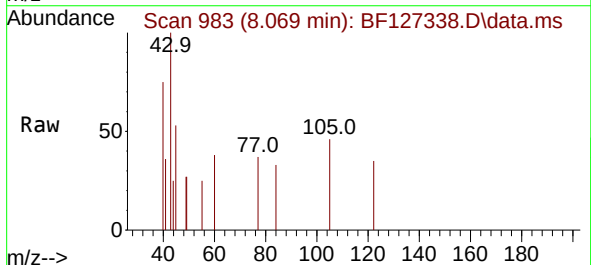
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

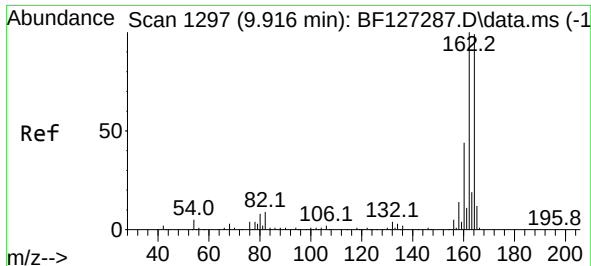
Tgt Ion: 82 Resp: 759342
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.642 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.129 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 131.3 101.0 141.0
77 105.3 74.5 114.5

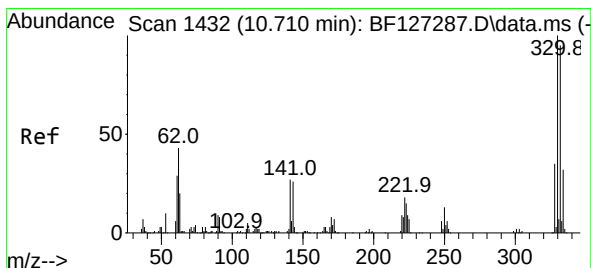
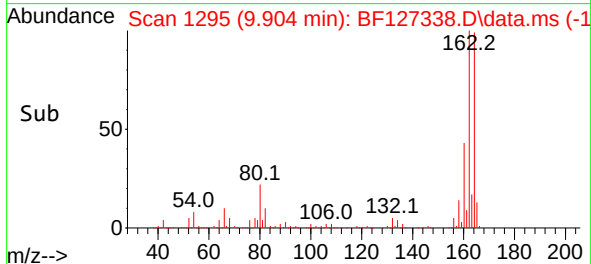
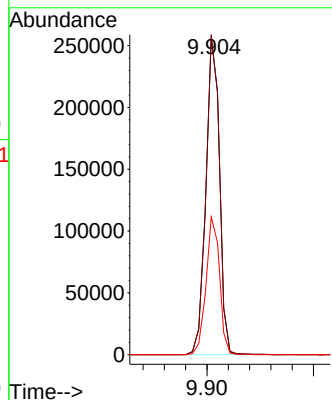
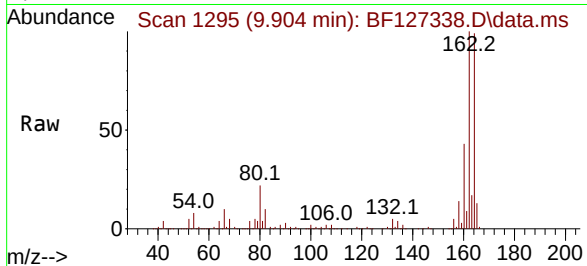




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

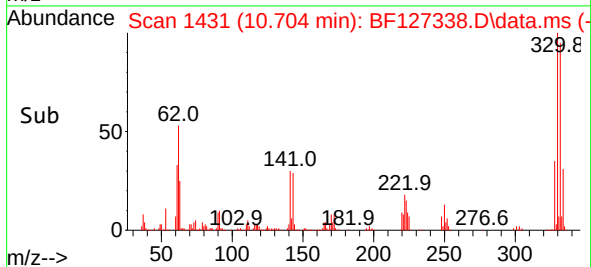
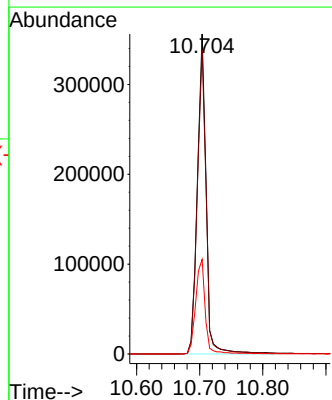
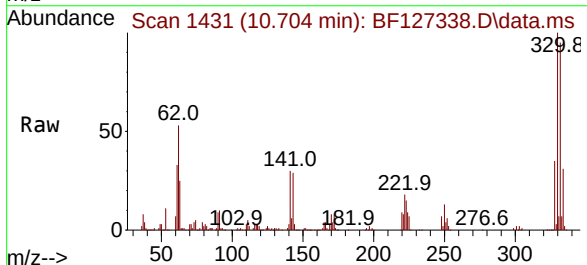
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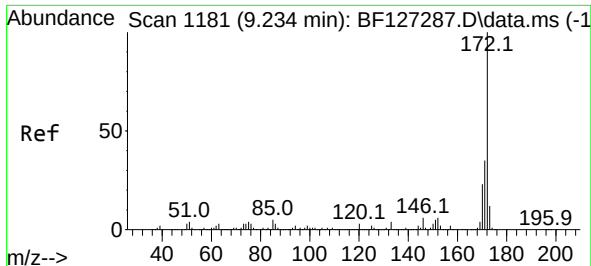
Tgt Ion:164 Resp: 228868
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 139.044 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion:330 Resp: 342569
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 32.5 30.1 45.1

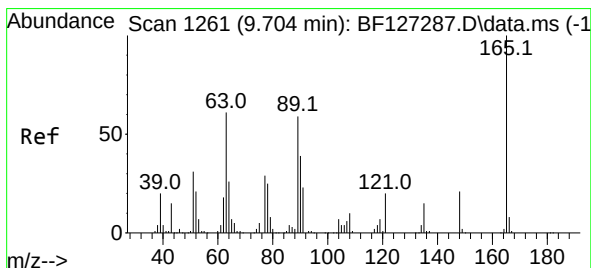
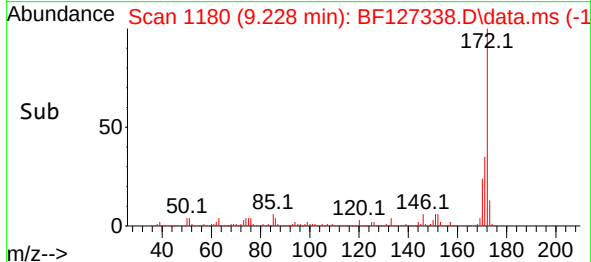
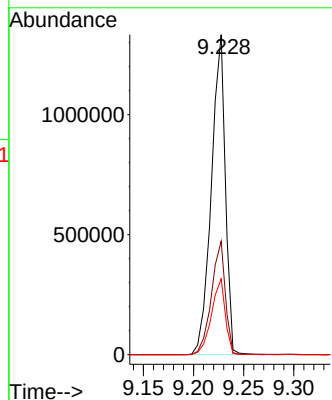
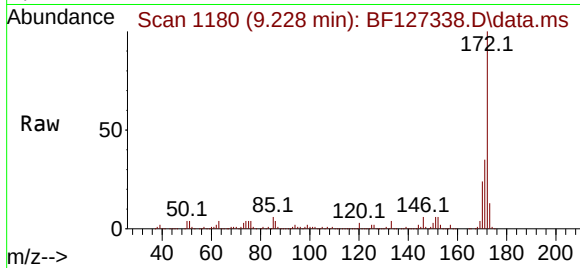




#45
2-Fluorobiphenyl
Concen: 80.236 ng
RT: 9.228 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

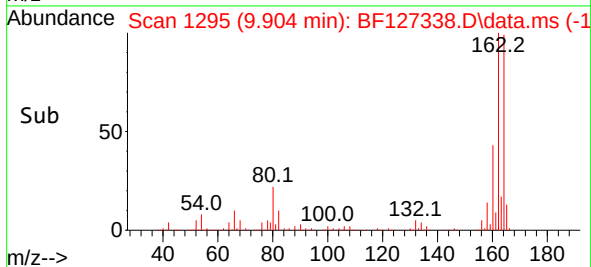
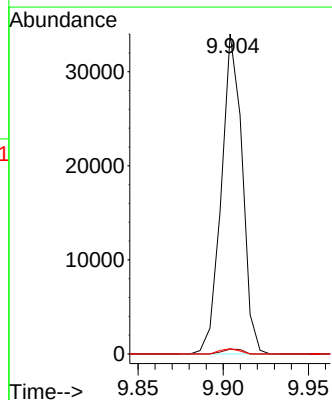
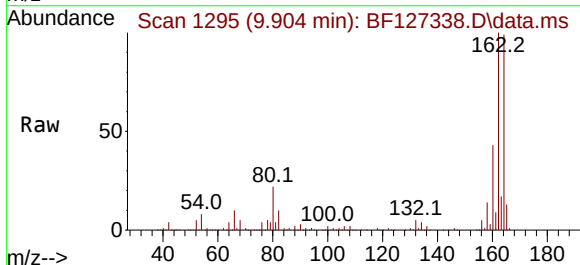
Instrument :
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AVENUE-X-GROUT-SAMPLE-B

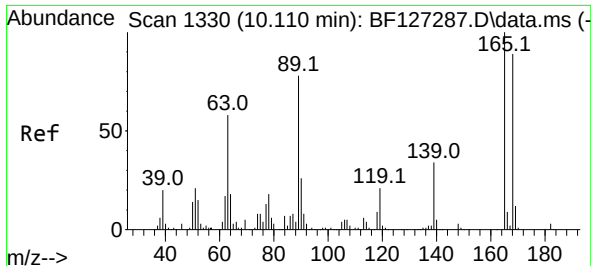
Tgt Ion:172 Resp: 1298885
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.746 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion:165 Resp: 29013
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.6 50.5 75.7#

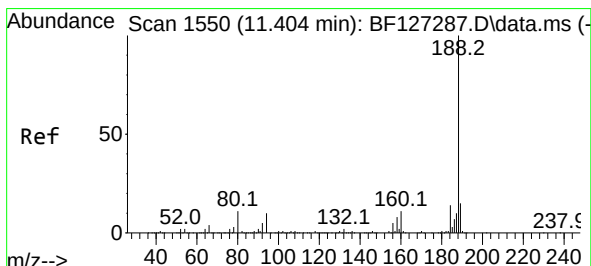
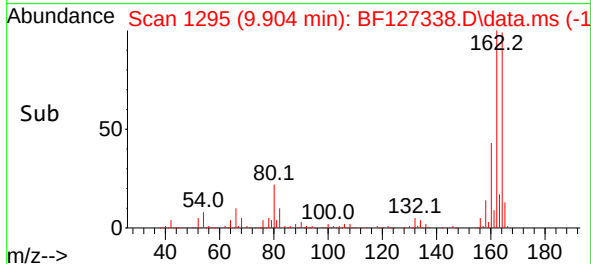
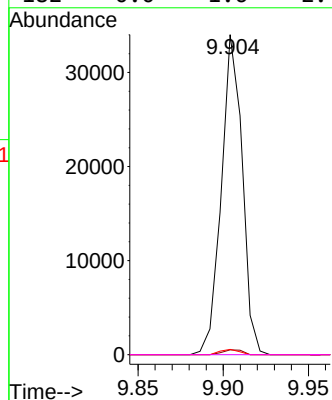
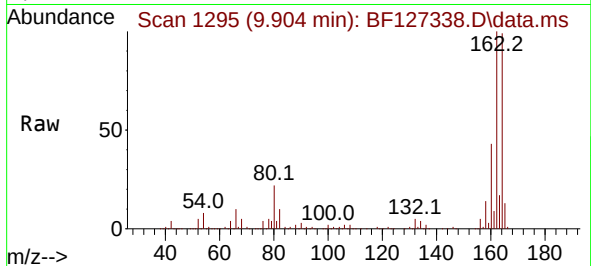




#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

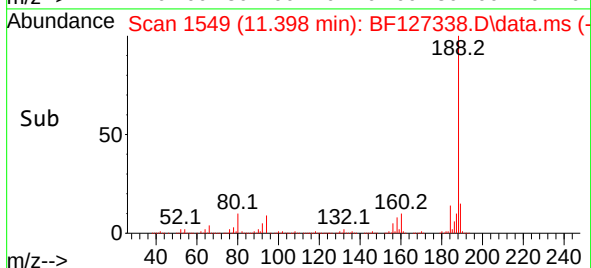
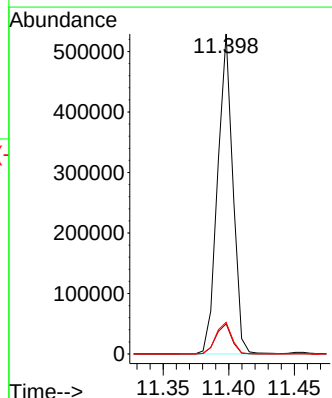
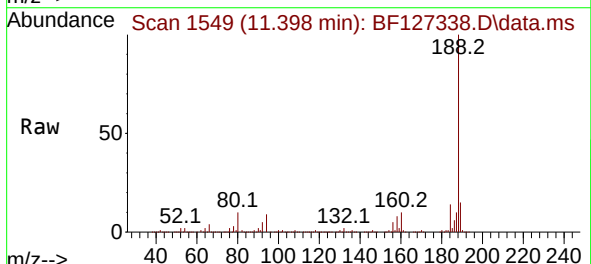
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

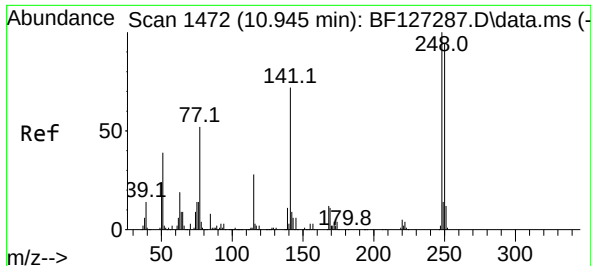
Tgt Ion:165 Resp: 29013
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion:188 Resp: 426659
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 9.9 11.8 17.6#

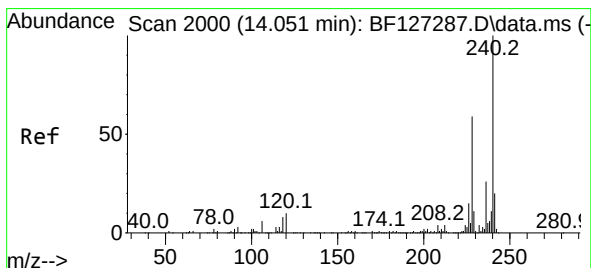
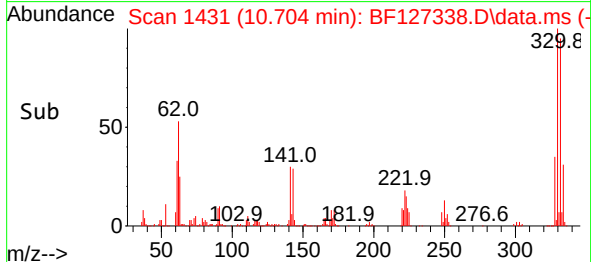
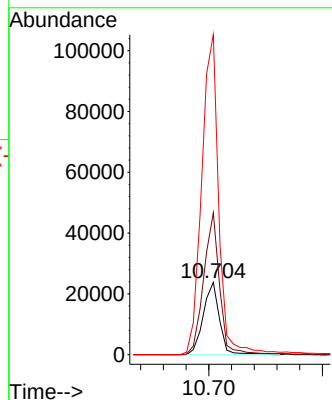
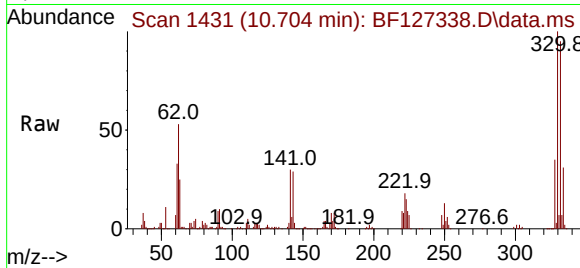




#67
4-Bromophenyl-phenylether
Concen: 4.566 ng
RT: 10.704 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

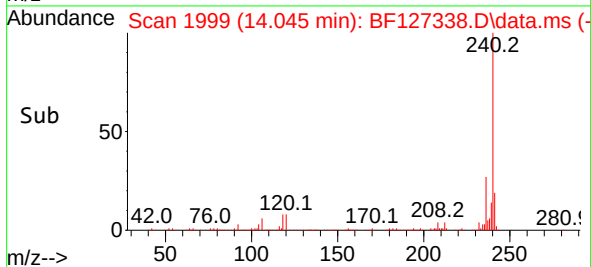
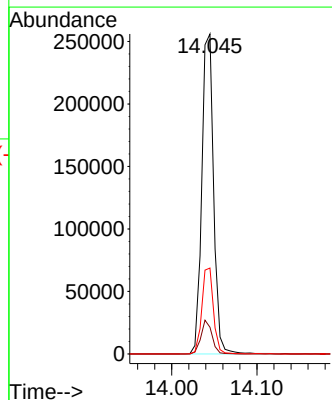
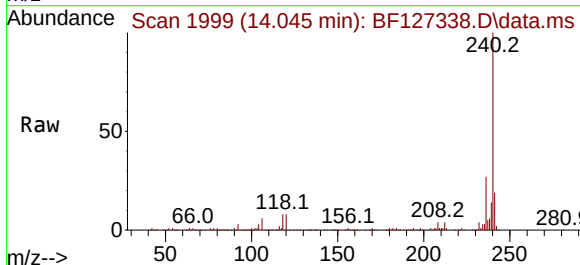
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

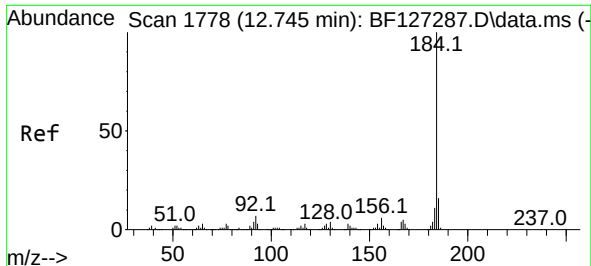
Tgt Ion:248 Resp: 23486
Ion Ratio Lower Upper
248 100
250 196.4 76.2 114.4#
141 442.7 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion:240 Resp: 246455
Ion Ratio Lower Upper
240 100
120 8.4 14.4 21.6#
236 26.9 20.5 30.7

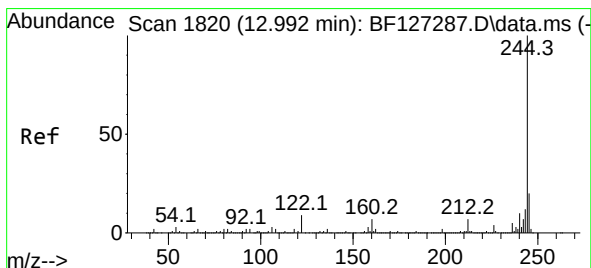
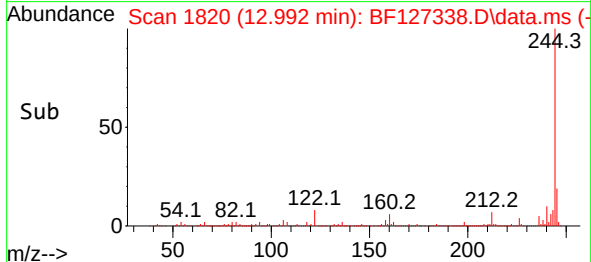
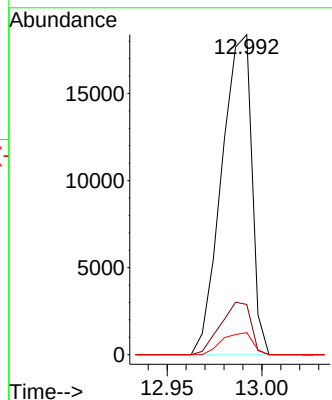
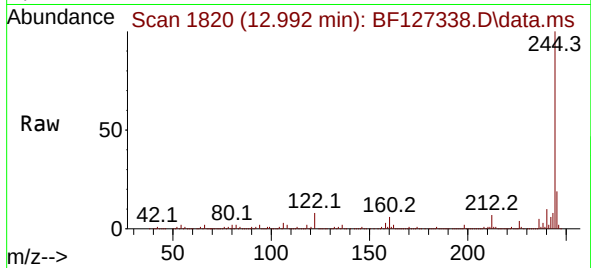




#77
Benzidine
Concen: 3.237 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

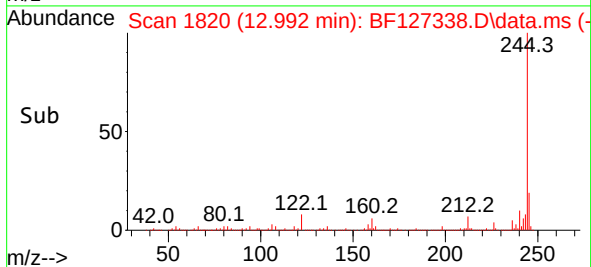
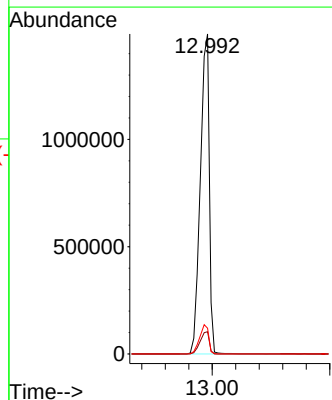
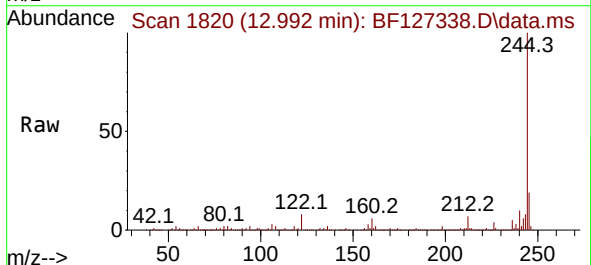
Instrument :
BNA_F
ClientSampleId :
AVENUE-X-GROUT-SAMPLE-B

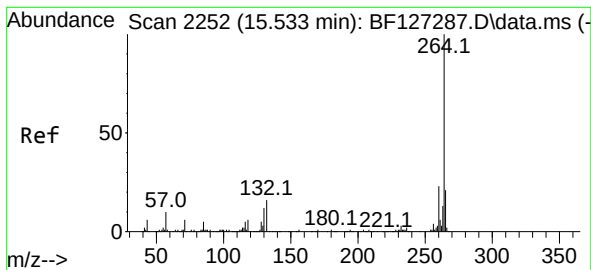
Tgt Ion:184 Resp: 20289
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 6.9 8.2 12.2#



#79
Terphenyl-d14
Concen: 110.234 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF127338.D
Acq: 15 Mar 2022 22:08

Tgt Ion:244 Resp: 1577728
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 8.1 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127338.D

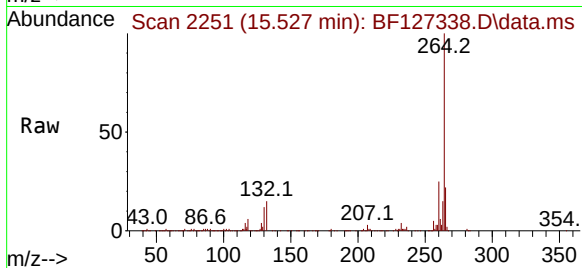
Acq: 15 Mar 2022 22:08

Instrument :

BNA_F

ClientSampleId :

AVENUE-X-GROUT-SAMPLE-B



Tgt Ion:264 Resp: 223117

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.6 17.4 26.2

