

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126176.D
 Acq On : 13 Nov 2021 19:20
 Operator : JU/CG
 Sample : M4653-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-GRAB

Quant Time: Nov 15 10:00:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

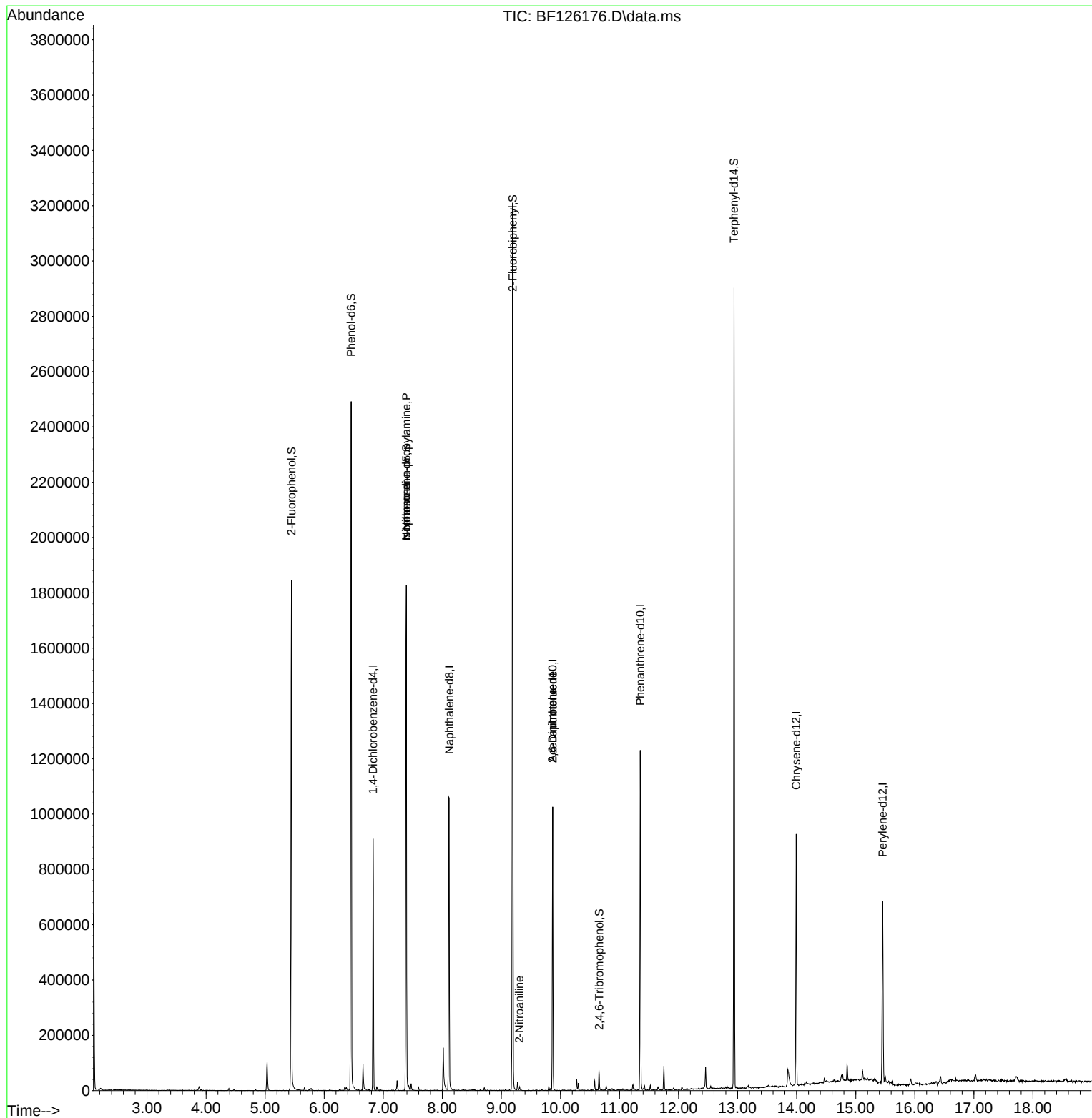
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	118858	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	462866	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	186374	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	423343	20.000	ng	0.00
76) Chrysene-d12	13.992	240	289662	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	282837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	395384	57.126	ng	0.00
7) Phenol-d6	6.457	99	692032	70.928	ng	-0.01
23) Nitrobenzene-d5	7.392	82	568346	57.907	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	8442	3.953	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	926592	67.185	ng	0.00
79) Terphenyl-d14	12.939	244	873727	48.640	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	1777	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.392	70	82637	12.848	ng	# 57
25) Isophorone	7.392	82	568339	32.163	ng	# 59
48) 2-Nitroaniline	9.304	65	126	2.881	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	24592	10.574	ng	# 27
57) 2,4-Dinitrotoluene	9.869	165	24592	10.021	ng	# 19

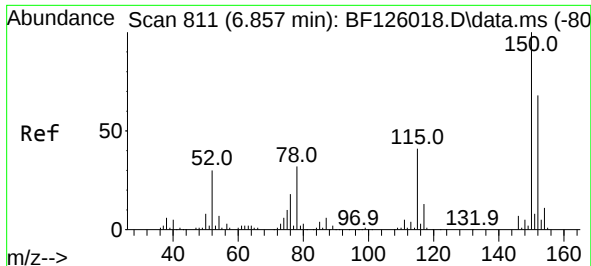
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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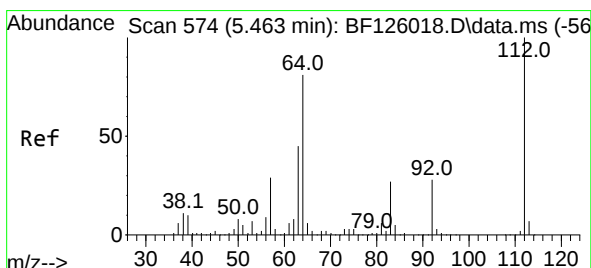
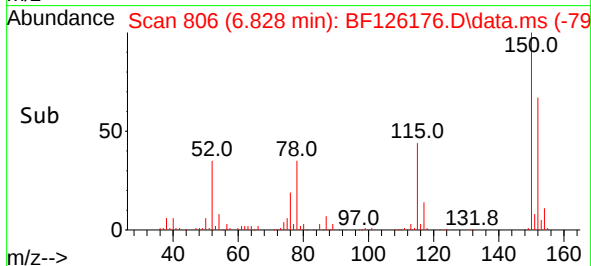
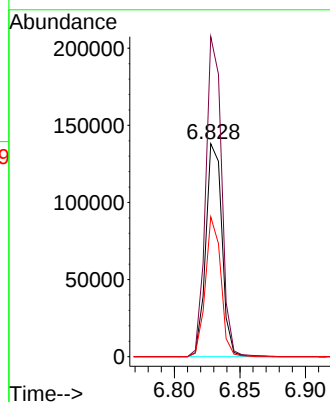
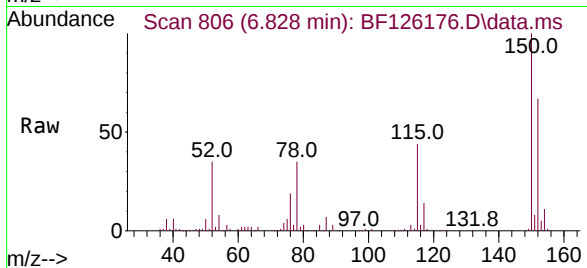




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

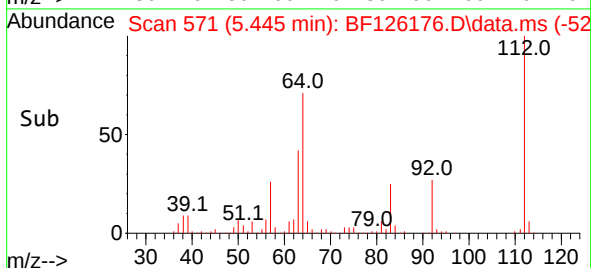
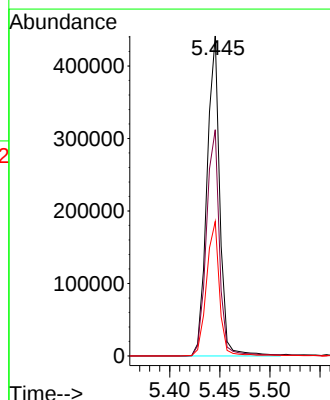
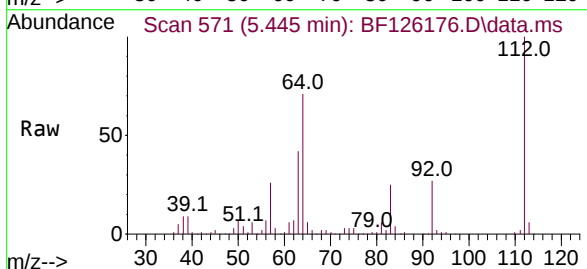
Instrument :
BNA_F
ClientSampleId :
CONCRETE-GRAB

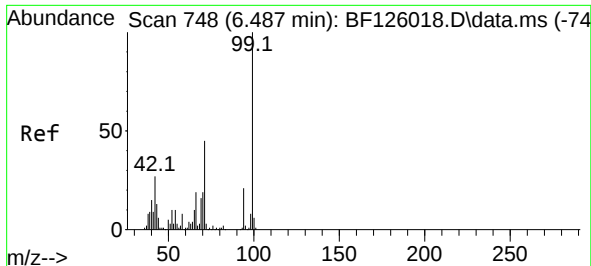
Tgt Ion:152 Resp: 118858
Ion Ratio Lower Upper
152 100
150 150.2 117.6 176.4
115 65.7 47.1 70.7



#5
2-Fluorophenol
Concen: 57.126 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

Tgt Ion:112 Resp: 395384
Ion Ratio Lower Upper
112 100
64 70.7 44.2 66.2#
63 42.0 26.2 39.2#

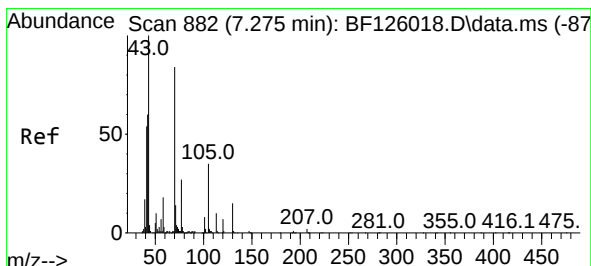
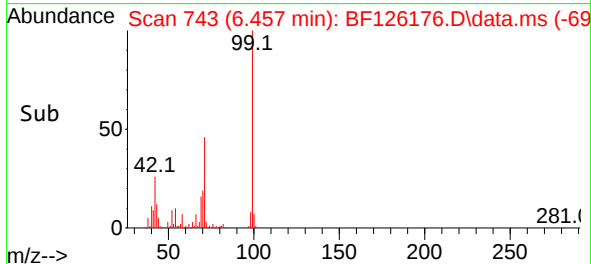
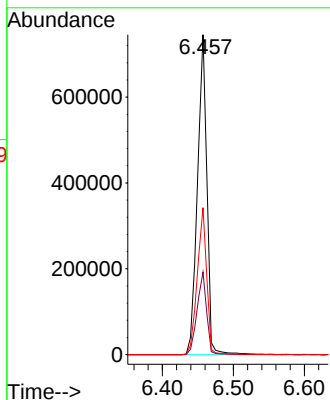
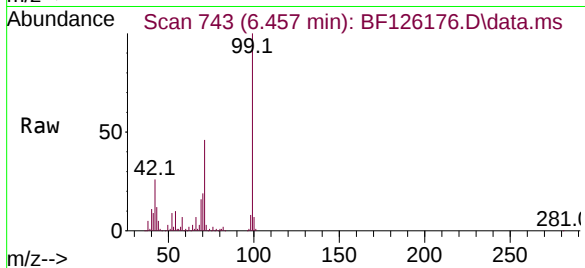




#7
Phenol-d6
Concen: 70.928 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

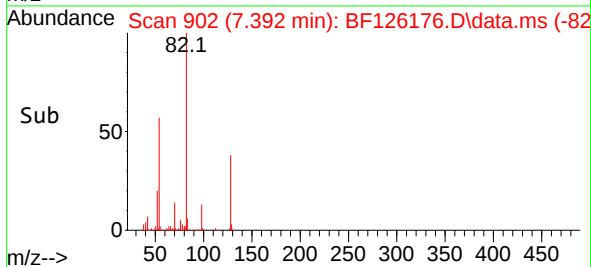
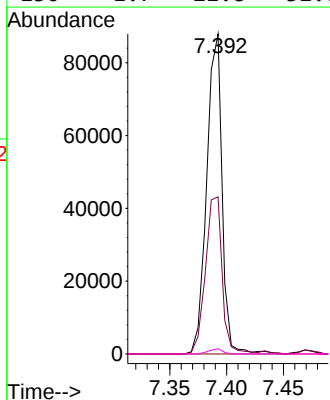
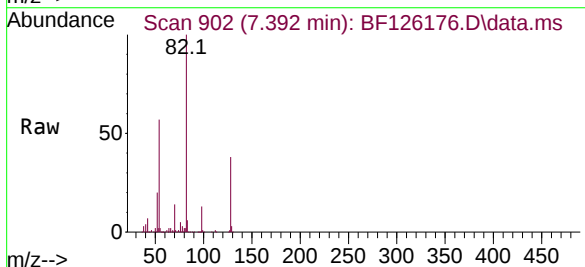
Instrument :
BNA_F
ClientSampleId :
CONCRETE-GRAB

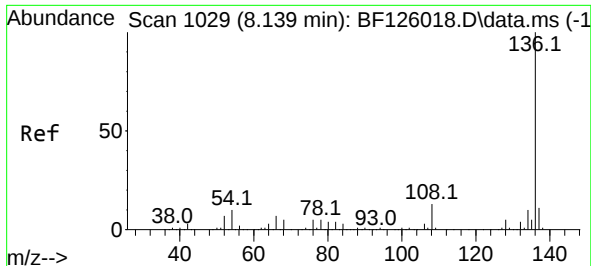
Tgt Ion: 99 Resp: 692032
Ion Ratio Lower Upper
99 100
42 25.8 23.5 35.3
71 46.0 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.848 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

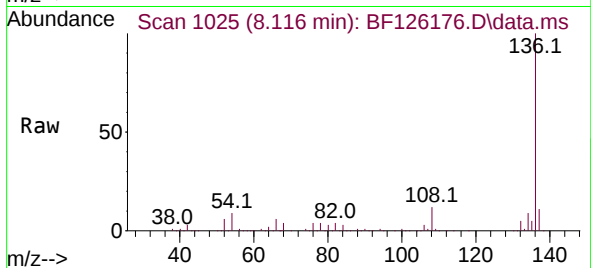
Tgt Ion: 70 Resp: 82637
Ion Ratio Lower Upper
70 100
42 49.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



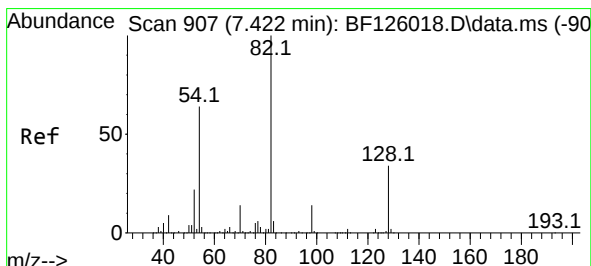
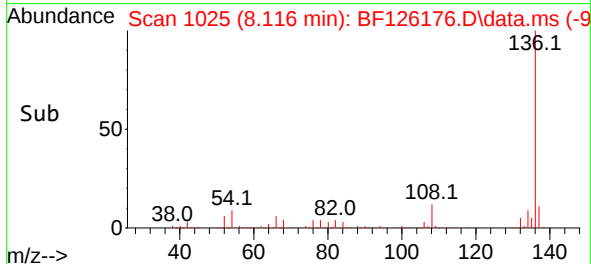
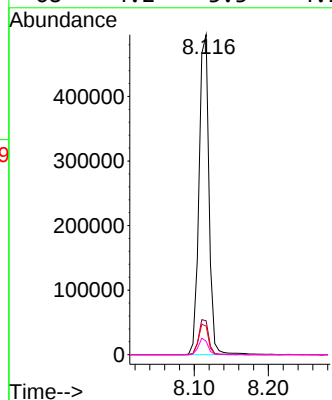


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

Instrument :
BNA_F
ClientSampleId :
CONCRETE-GRAB

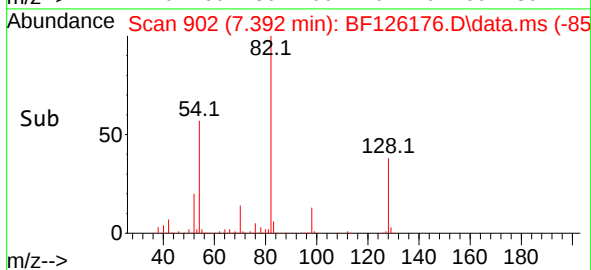
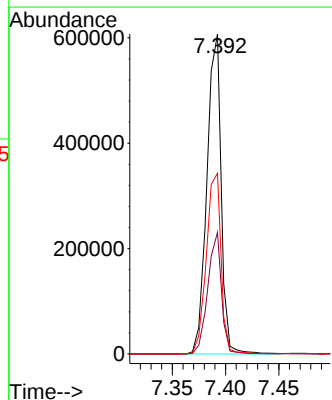
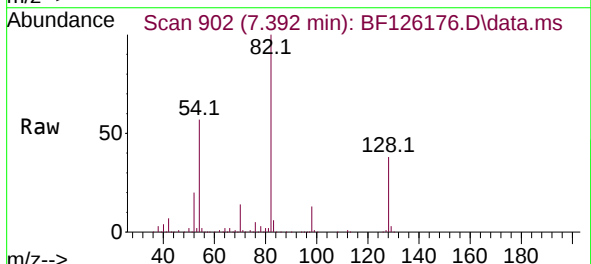


Tgt Ion:136 Resp: 462866
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.9 6.4 9.6
68 4.2 3.3 4.9



#23
Nitrobenzene-d5
Concen: 57.907 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

Tgt Ion: 82 Resp: 568346
Ion Ratio Lower Upper
82 100
128 38.0 40.6 60.8#
54 56.5 49.6 74.4

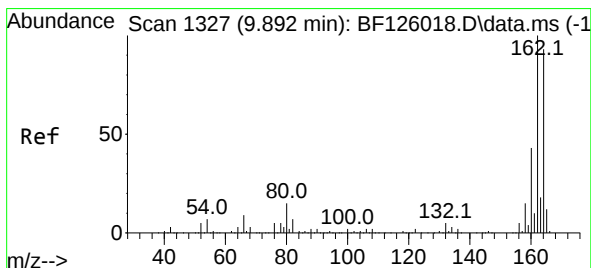
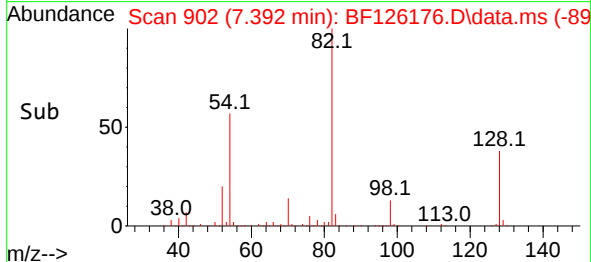
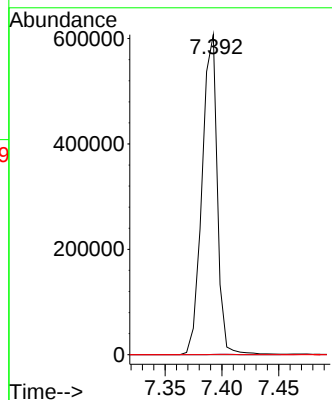
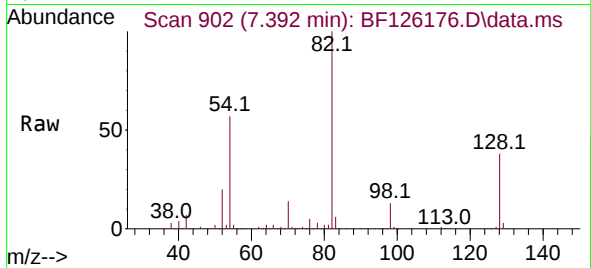




#25
Isophorone
Concen: 32.163 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

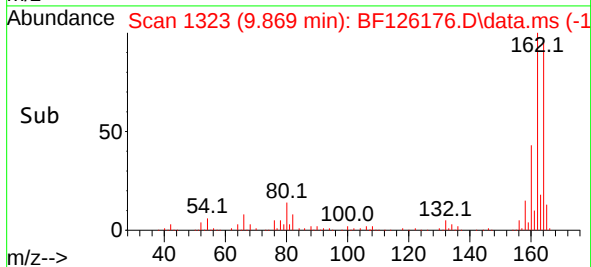
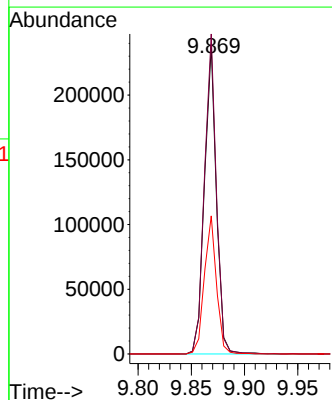
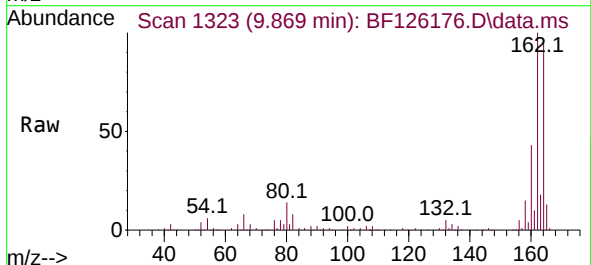
Instrument :
BNA_F
ClientSampleId :
CONCRETE-GRAB

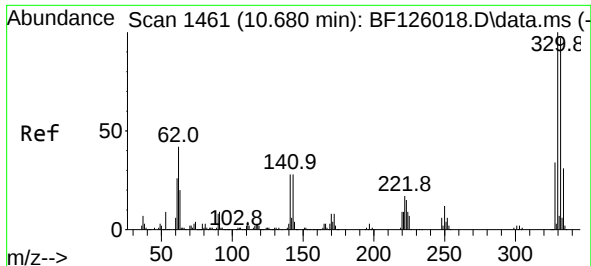
Tgt Ion: 82 Resp: 568339
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

Tgt Ion:164 Resp: 186374
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 44.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 3.953 ng

RT: 10.657 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126176.D

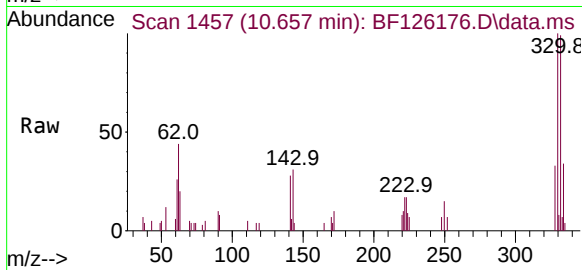
Acq: 13 Nov 2021 19:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-GRAB



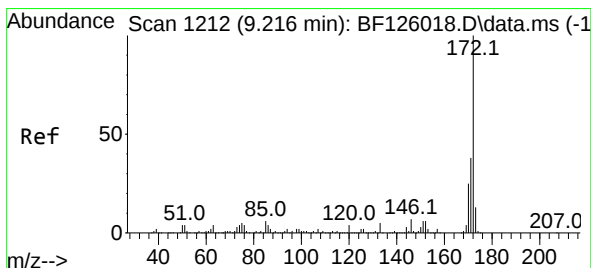
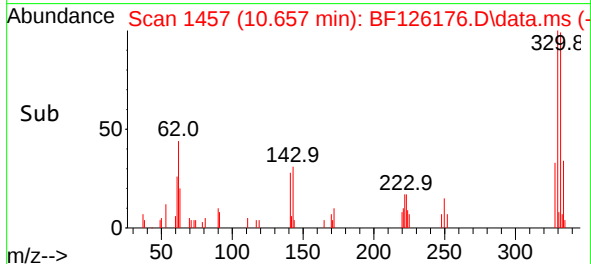
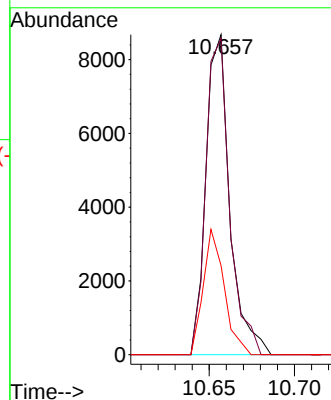
Tgt Ion:330 Resp: 8442

Ion Ratio Lower Upper

330 100

332 98.0 76.2 114.4

141 34.4 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 67.185 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF126176.D

Acq: 13 Nov 2021 19:20

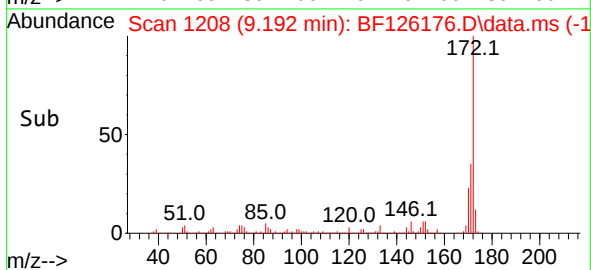
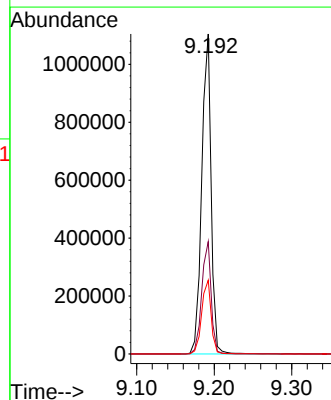
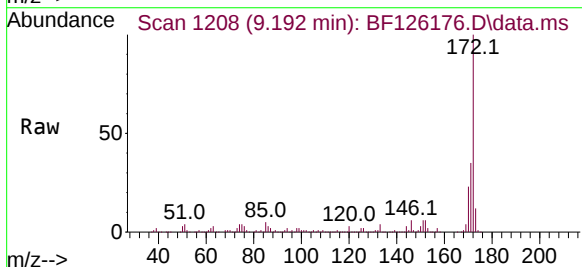
Tgt Ion:172 Resp: 926592

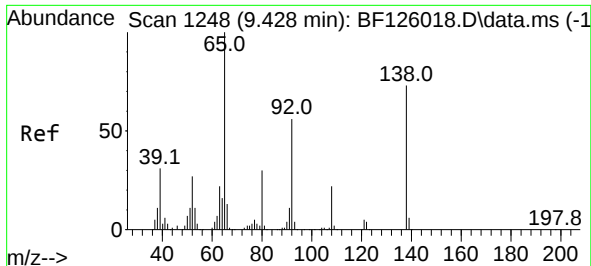
Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 23.1 18.8 28.2

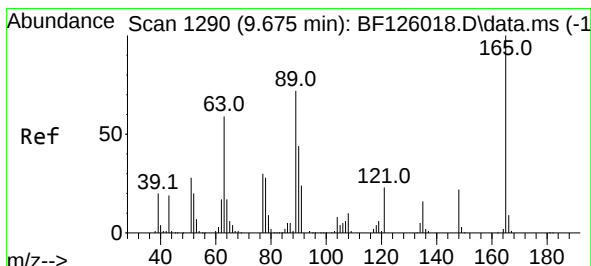
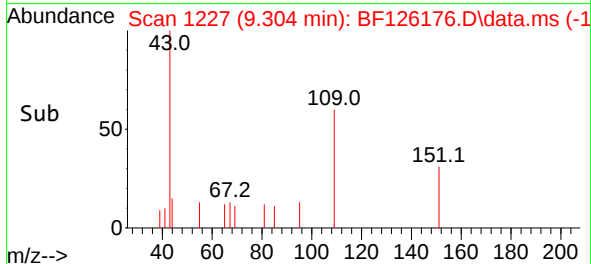
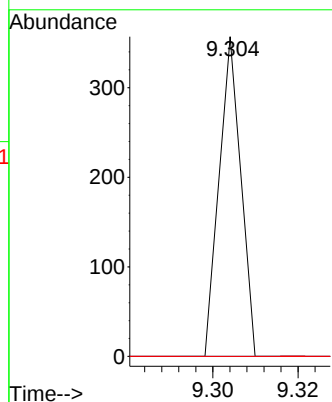
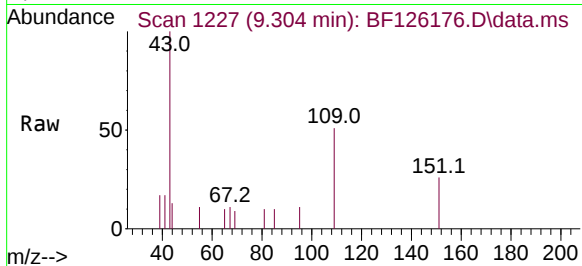




#48
2-Nitroaniline
Concen: 2.881 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

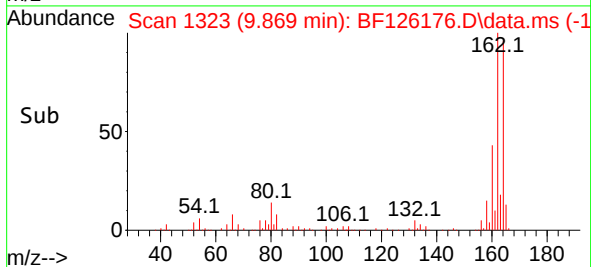
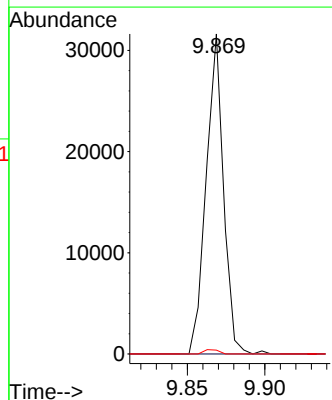
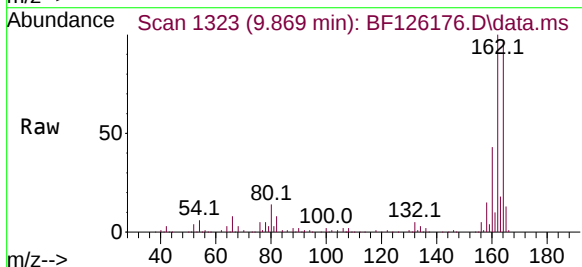
Instrument :
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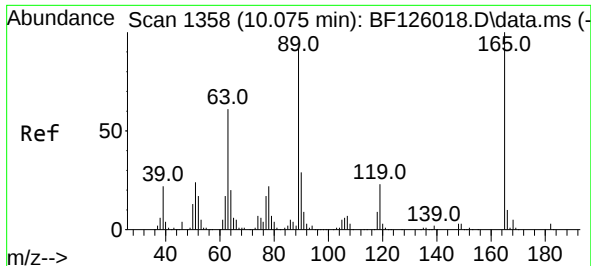
Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.574 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

Tgt Ion: 165 Resp: 24592
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.2 40.6 60.8#

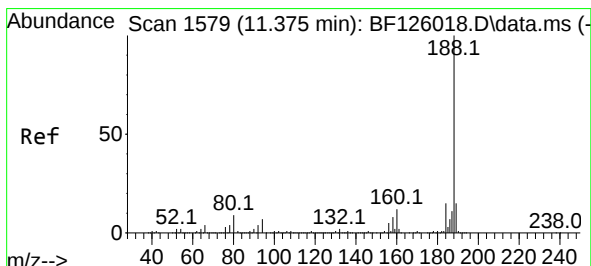
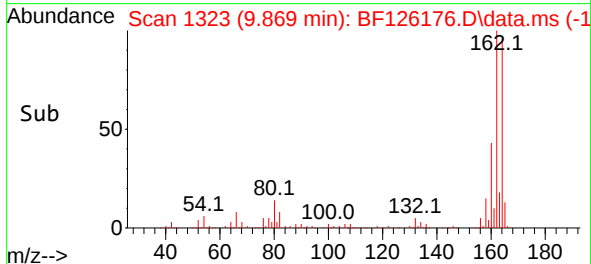
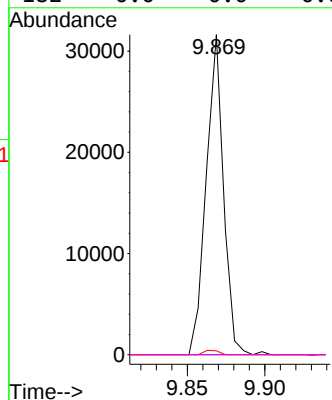
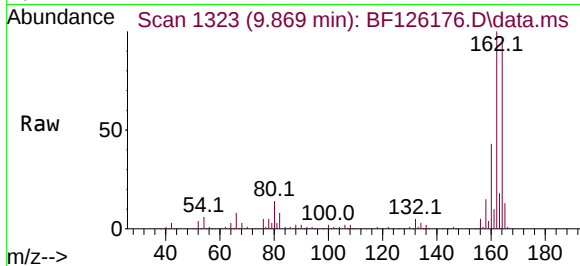




#57
2,4-Dinitrotoluene
Concen: 10.021 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

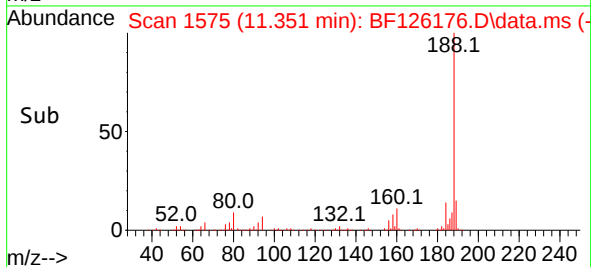
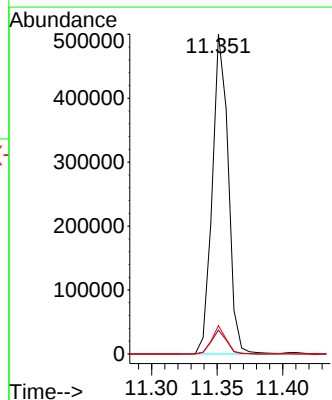
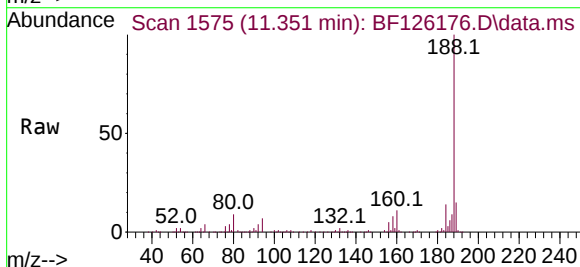
Instrument :
BNA_F
ClientSampleId :
CONCRETE-GRAB

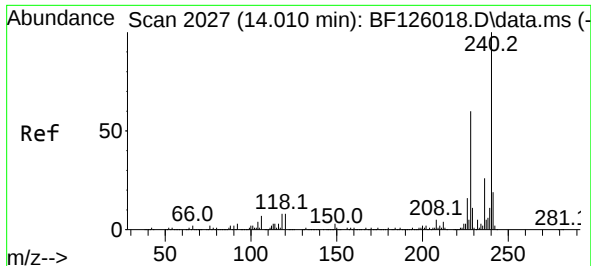
Tgt Ion:165 Resp: 24592
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

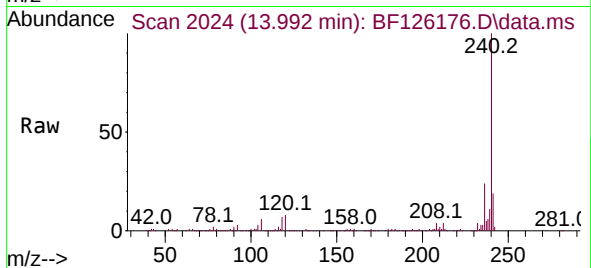
Tgt Ion:188 Resp: 423343
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.9 7.5 11.3



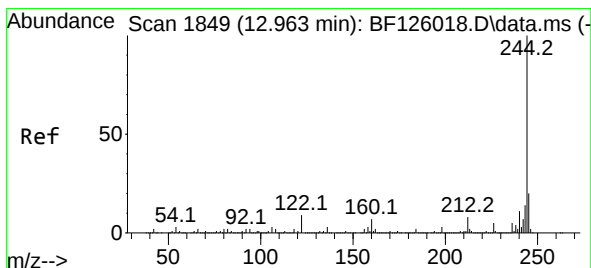
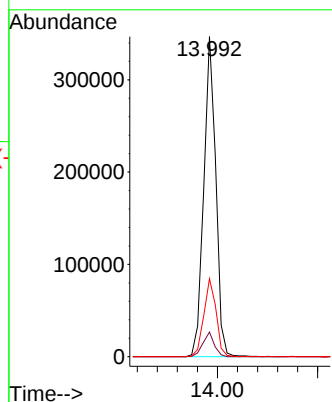
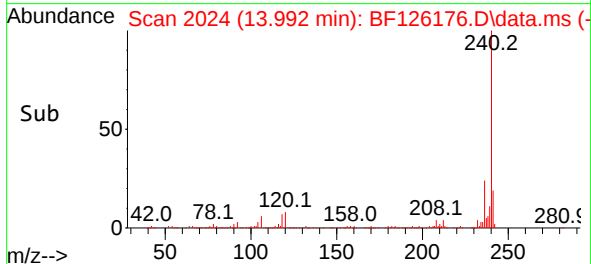


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20

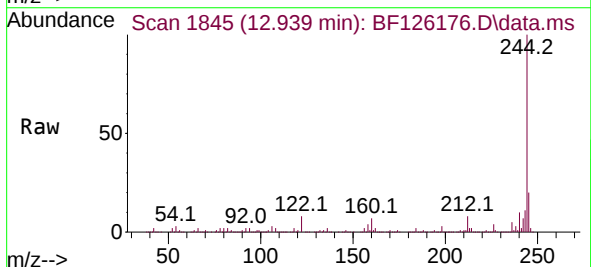
Instrument :
BNA_F
ClientSampleId :
CONCRETE-GRAB



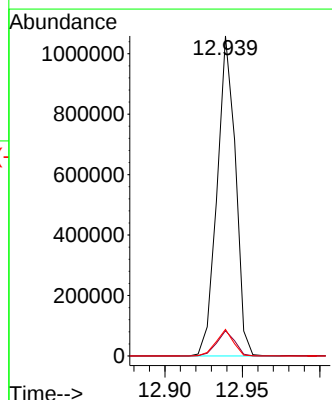
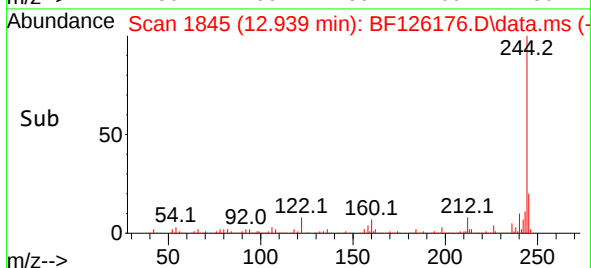
Tgt Ion:240 Resp: 289662
Ion Ratio Lower Upper
240 100
120 7.7 10.8 16.2#
236 24.4 21.6 32.4

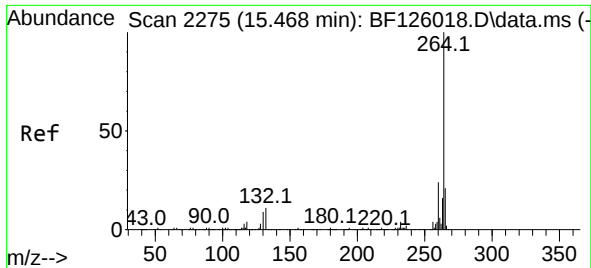


#79
Terphenyl-d14
Concen: 48.640 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF126176.D
Acq: 13 Nov 2021 19:20



Tgt Ion:244 Resp: 873727
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 8.3 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126176.D
 Acq: 13 Nov 2021 19:20

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-GRAB

Tgt Ion:264 Resp: 282837
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 22.9 17.2 25.8

