

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127567.D
 Acq On : 29 Mar 2022 16:02
 Operator : CG\JU
 Sample : N2134-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-11-STOCKPILE

Quant Time: Mar 29 16:58:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

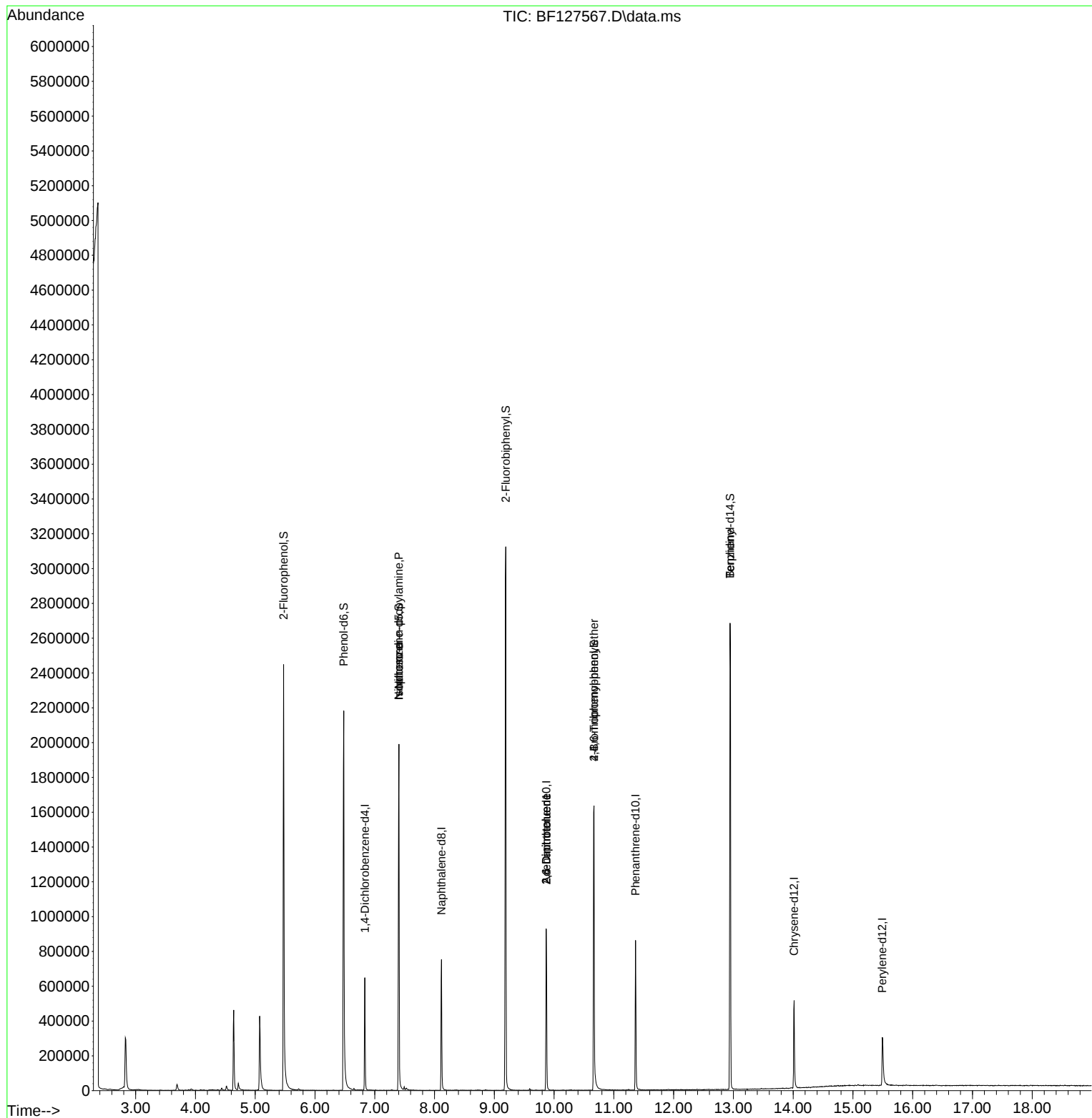
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	86808	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	318247	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	182594	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	303072	20.000	ng	0.00
76) Chrysene-d12	14.015	240	197347	20.000	ng	0.00
86) Perylene-d12	15.492	264	165543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	632016	116.215	ng	0.02
7) Phenol-d6	6.481	99	770676	103.672	ng	0.00
23) Nitrobenzene-d5	7.404	82	641431	86.155	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	211997	108.991	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1079315	86.314	ng	0.00
79) Terphenyl-d14	12.945	244	991523	82.248	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	1226	Below Cal	Qvalue	# 7
19) n-Nitroso-di-n-propyla...	7.404	70	86594	19.433	ng	# 79
25) Isophorone	7.404	82	641424	54.092	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	23369	8.764	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	23369	6.809	ng	# 14
58) Fluorene	10.669	166	8385	Below Cal	Qvalue	# 89
67) 4-Bromophenyl-phenylether	10.669	248	14709	4.157	ng	# 1
77) Benzidine	12.945	184	12359	2.626	ng	# 92

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

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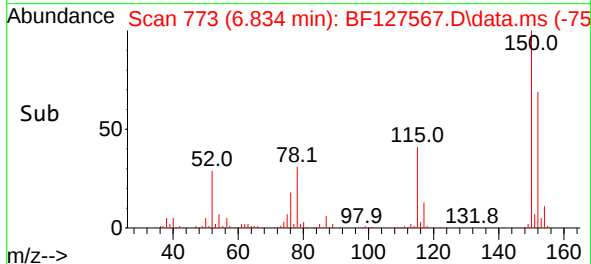
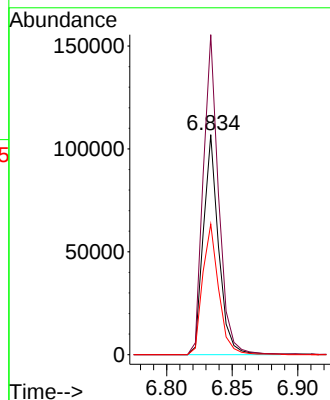
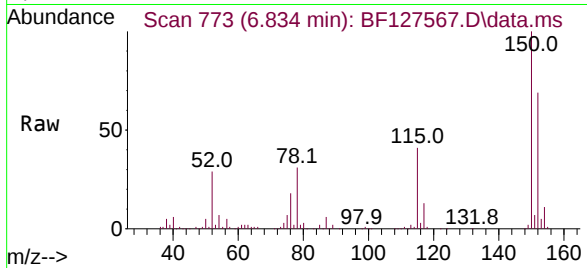




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

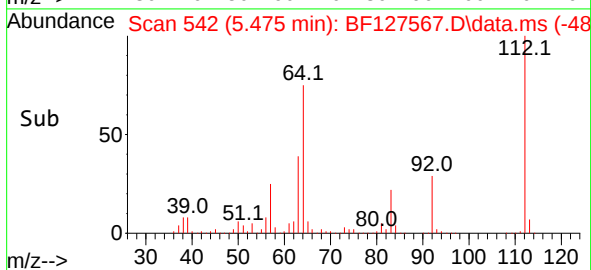
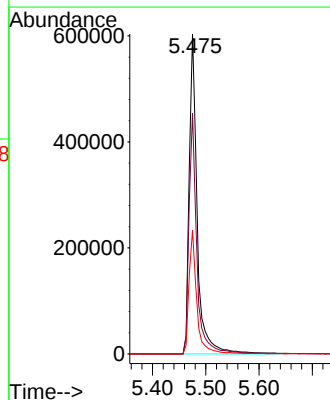
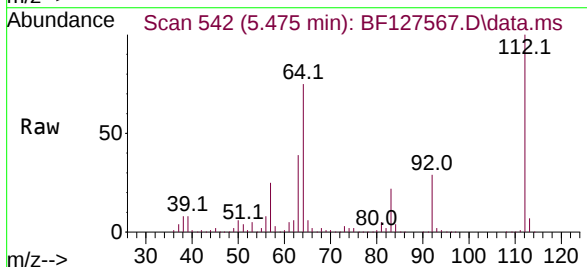
Instrument :
BNA_F
ClientSampleId :
PIT-11-STOCKPILE

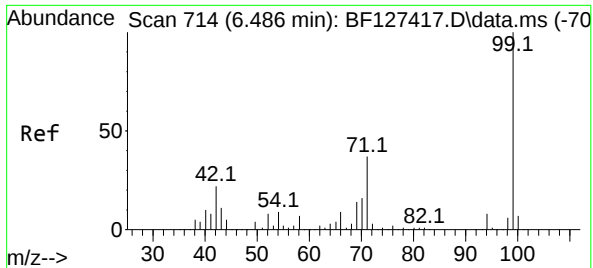
Tgt Ion:152 Resp: 86808
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 59.3 49.8 74.6



#5
2-Fluorophenol
Concen: 116.215 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

Tgt Ion:112 Resp: 632016
Ion Ratio Lower Upper
112 100
64 75.3 58.4 87.6
63 38.7 30.1 45.1

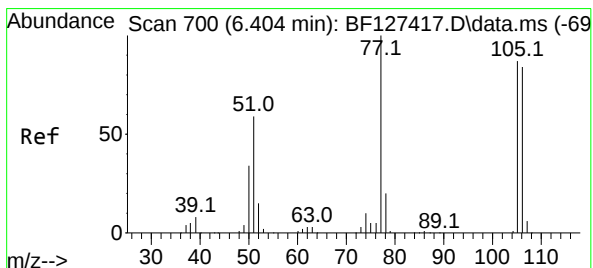
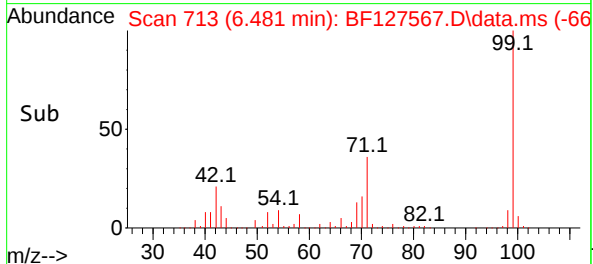
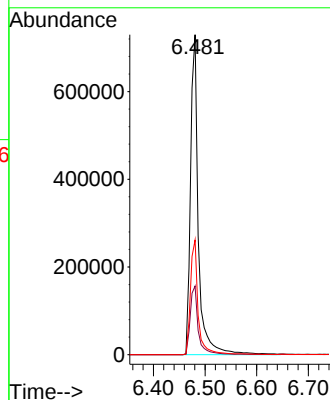
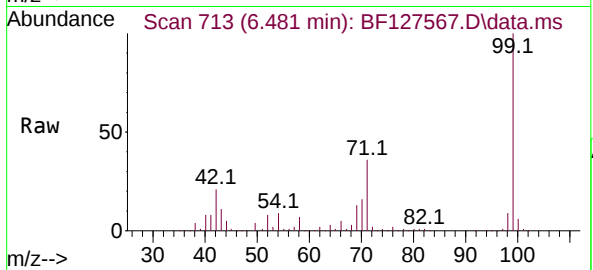




#7
Phenol-d6
Concen: 103.672 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

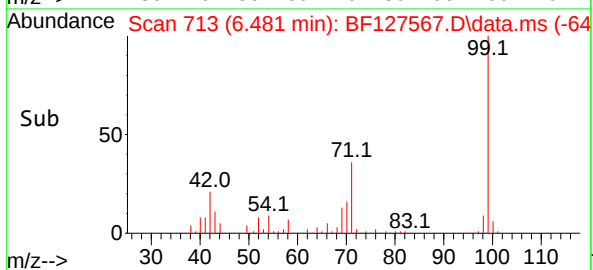
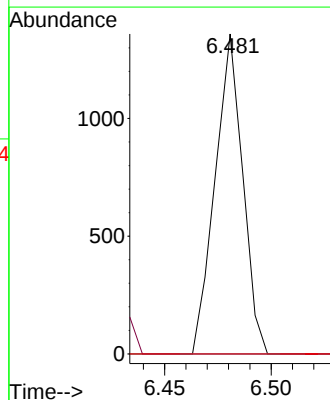
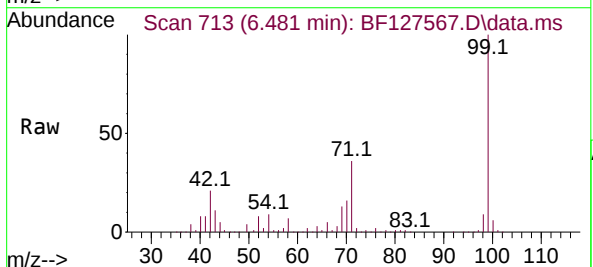
Instrument :
BNA_F
ClientSampleId :
PIT-11-STOCKPILE

Tgt Ion: 99 Resp: 770676
Ion Ratio Lower Upper
99 100
42 21.5 17.8 26.6
71 35.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 77 Resp: 1226
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.433 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127567.D

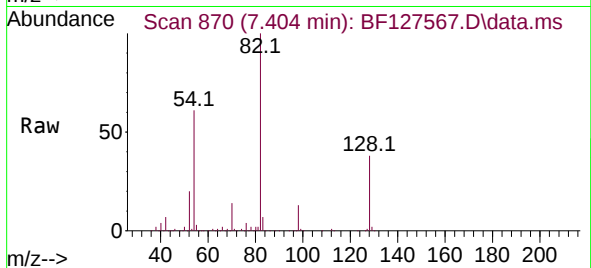
Acq: 29 Mar 2022 16:02

Instrument :

BNA_F

ClientSampleId :

PIT-11-STOCKPILE



Tgt Ion: 70 Resp: 86594

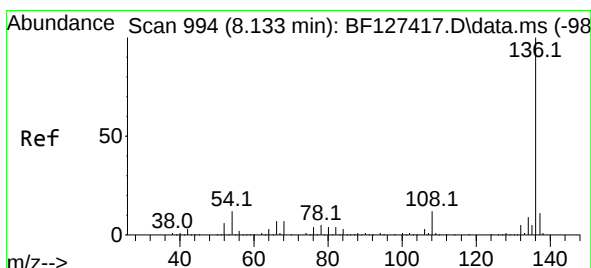
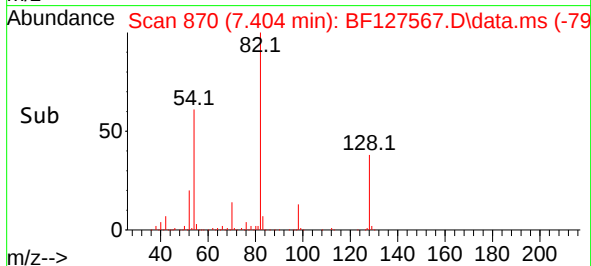
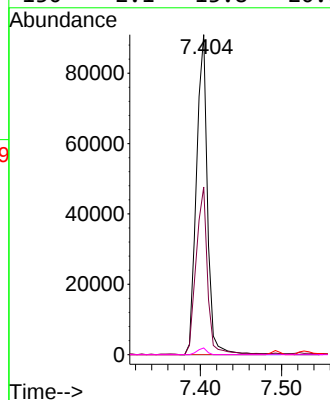
Ion Ratio Lower Upper

70 100

42 52.4 53.0 79.6#

101 0.0 6.8 10.2#

130 2.1 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127567.D

Acq: 29 Mar 2022 16:02

Tgt Ion: 136 Resp: 318247

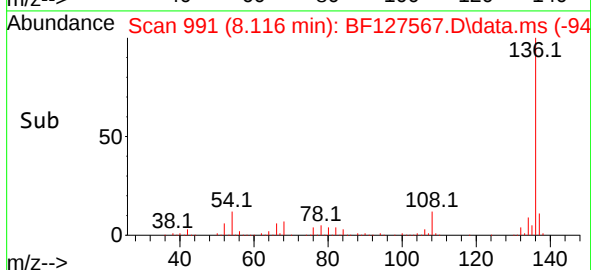
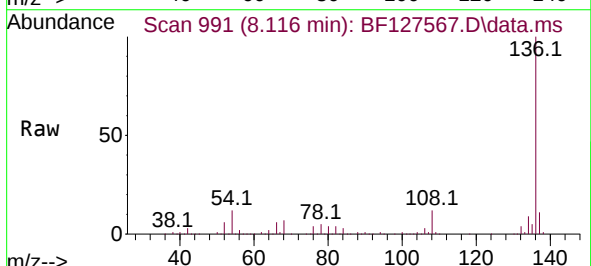
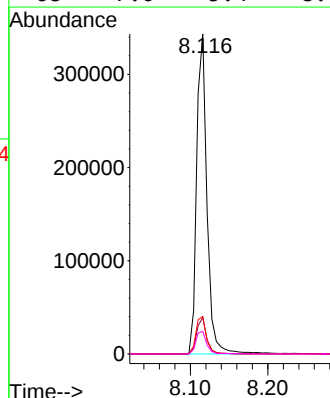
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 11.7 9.2 13.8

68 7.0 5.4 8.0

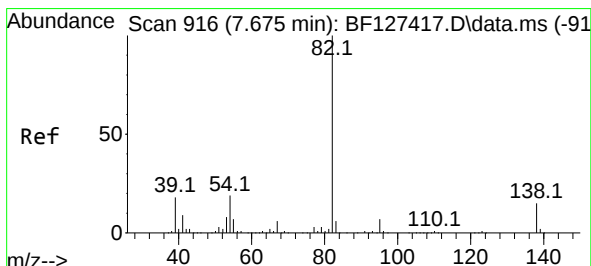
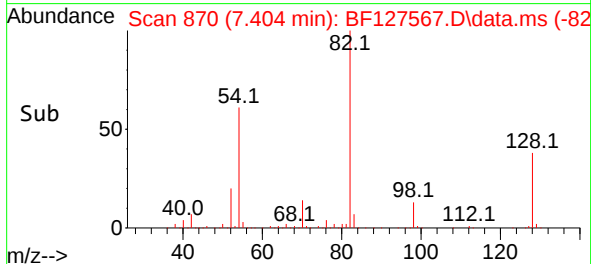
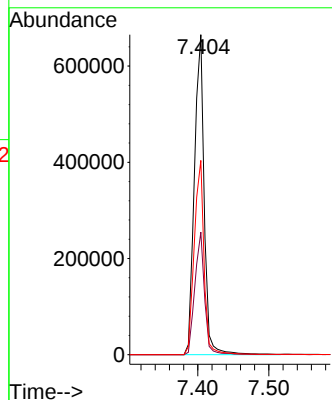
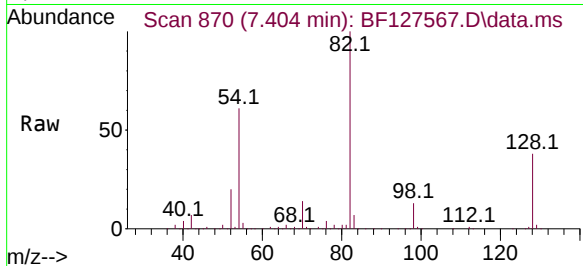




#23
Nitrobenzene-d5
Concen: 86.155 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

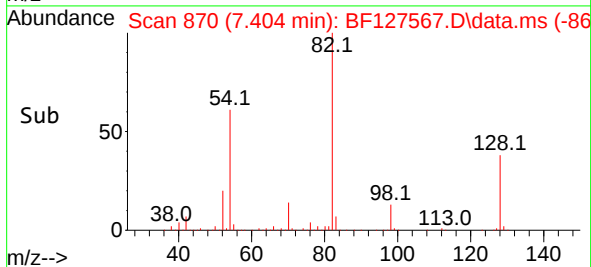
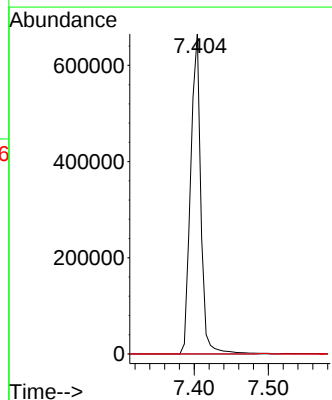
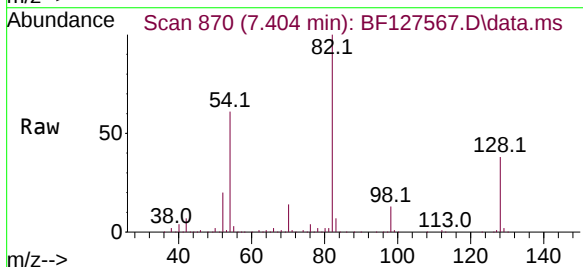
Instrument :
BNA_F
ClientSampleId :
PIT-11-STOCKPILE

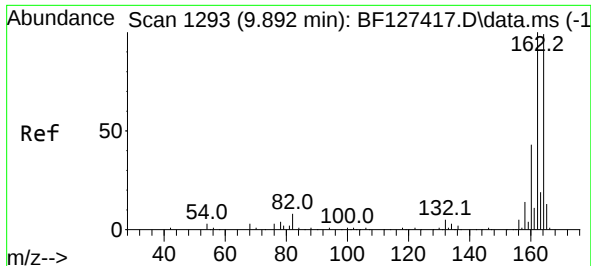
Tgt Ion: 82 Resp: 641431
Ion Ratio Lower Upper
82 100
128 38.3 30.6 45.8
54 60.7 48.2 72.2



#25
Isophorone
Concen: 54.092 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

Tgt Ion: 82 Resp: 641424
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127567.D

Acq: 29 Mar 2022 16:02

Instrument :

BNA_F

ClientSampleId :

PIT-11-STOCKPILE

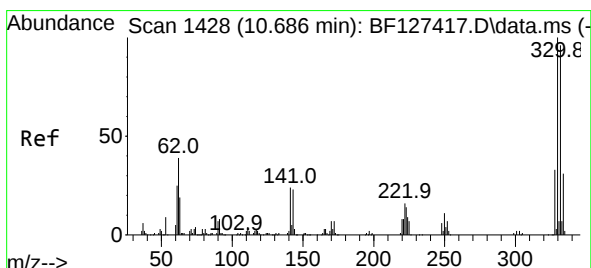
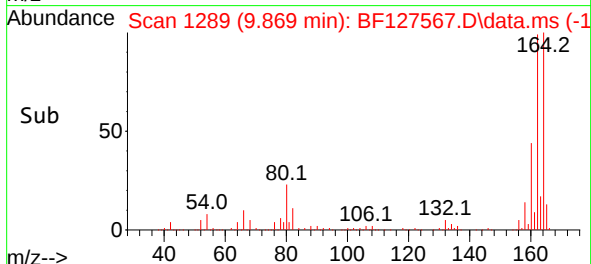
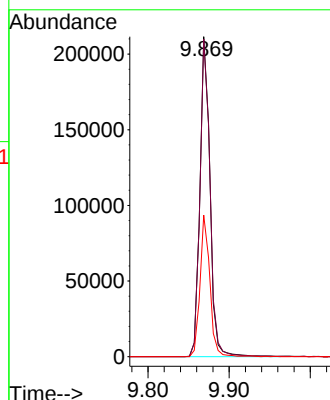
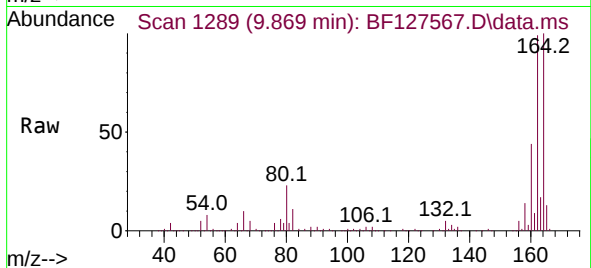
Tgt Ion:164 Resp: 182594

Ion Ratio Lower Upper

164 100

162 99.2 81.2 121.8

160 44.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 108.991 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127567.D

Acq: 29 Mar 2022 16:02

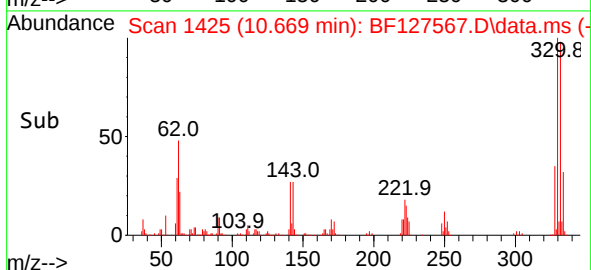
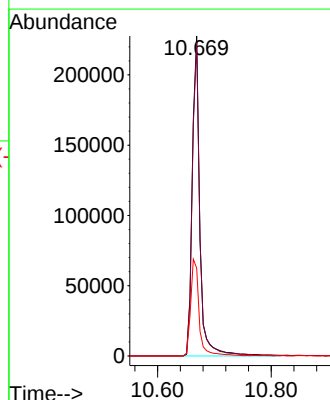
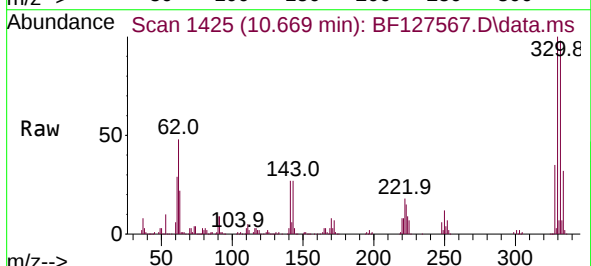
Tgt Ion:330 Resp: 211997

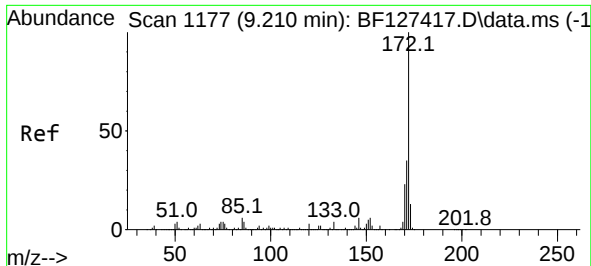
Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

141 33.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 86.314 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127567.D

Acq: 29 Mar 2022 16:02

Instrument :

BNA_F

ClientSampleId :

PIT-11-STOCKPILE

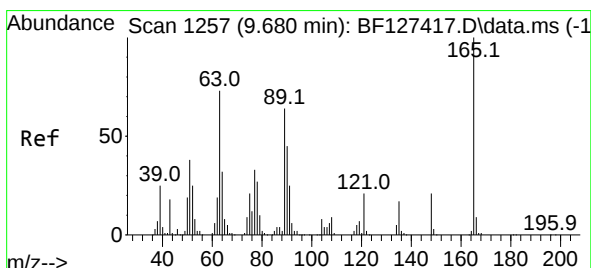
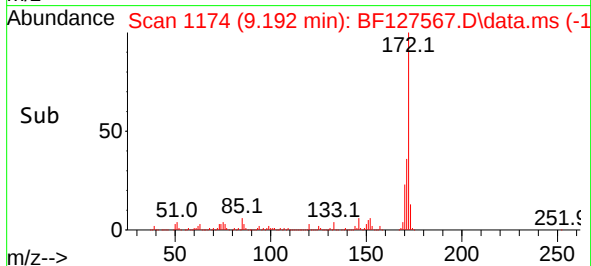
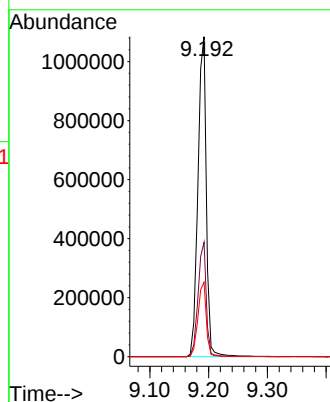
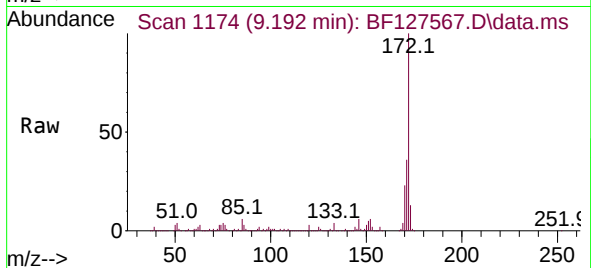
Tgt Ion:172 Resp: 1079315

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.2 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.764 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127567.D

Acq: 29 Mar 2022 16:02

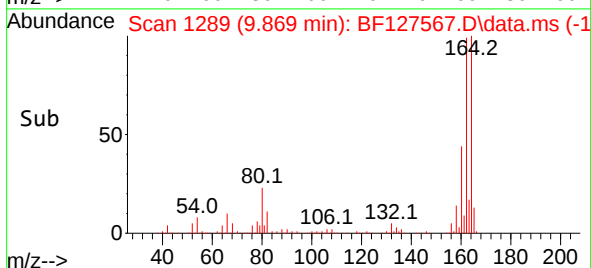
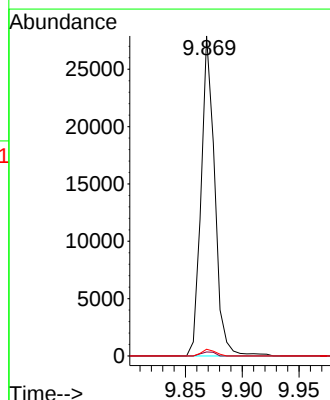
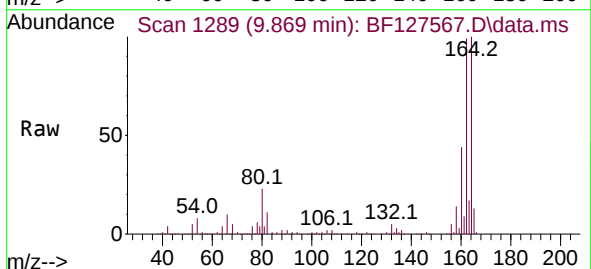
Tgt Ion:165 Resp: 23369

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 2.1 51.5 77.3#

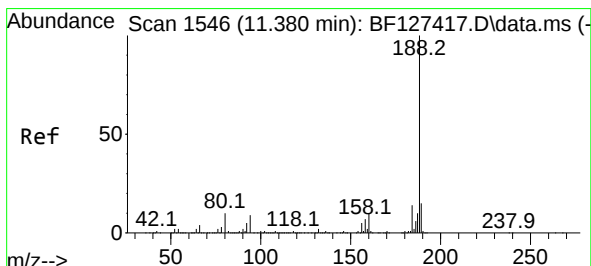
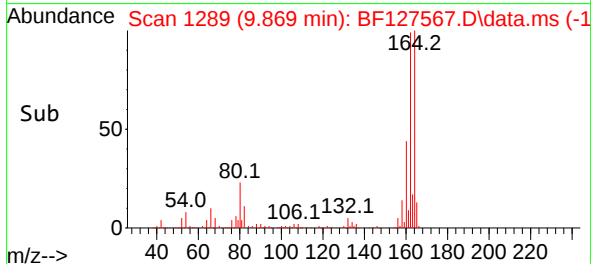
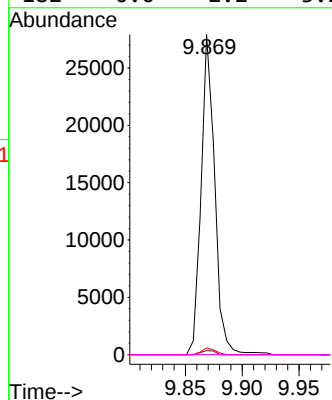
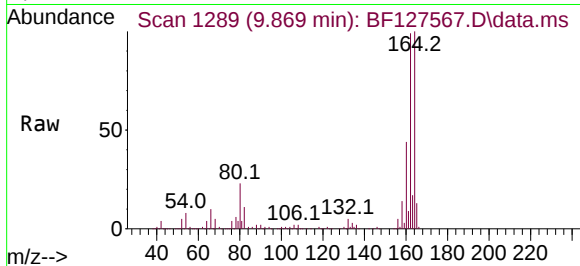




#57
2,4-Dinitrotoluene
Concen: 6.809 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

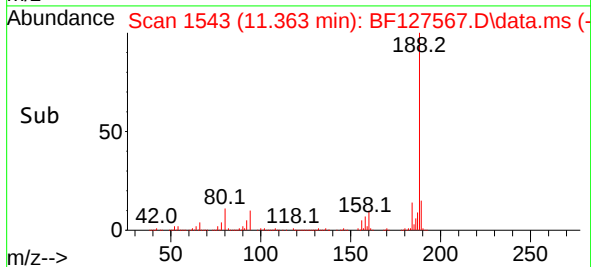
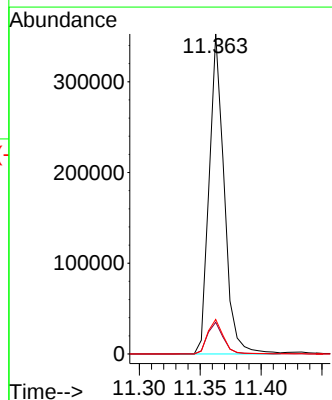
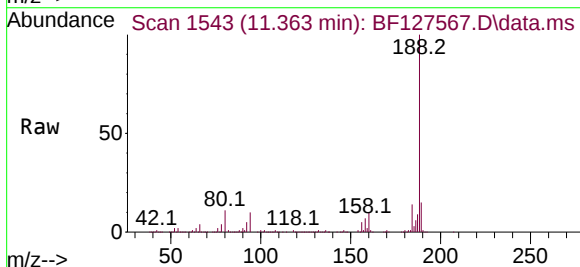
Instrument :
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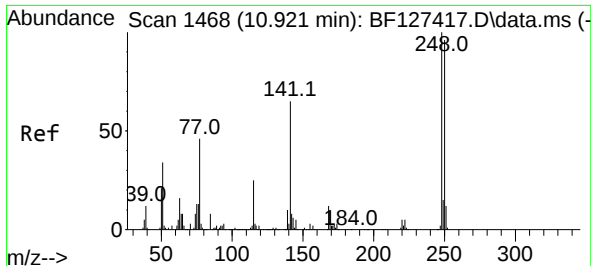
Tgt Ion:165 Resp: 23369
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 2.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

Tgt Ion:188 Resp: 303072
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.8 8.0 12.0

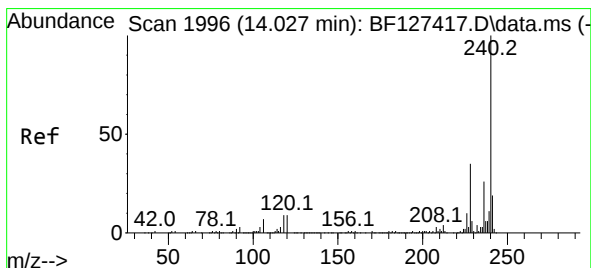
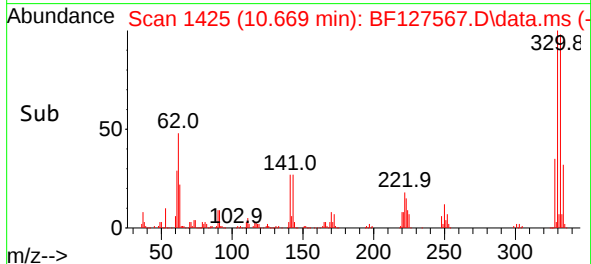
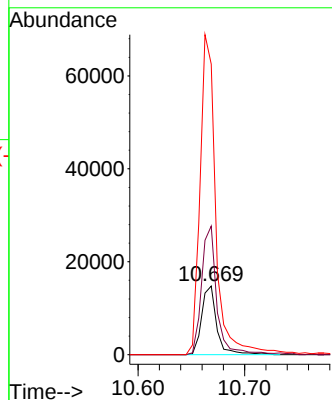
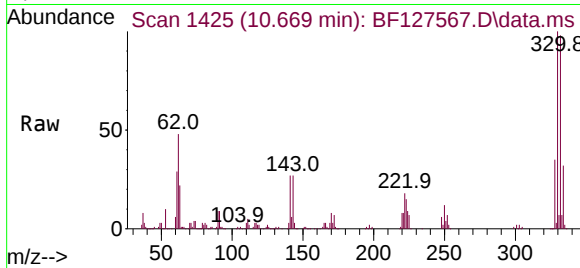




#67
4-Bromophenyl-phenylether
Concen: 4.157 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

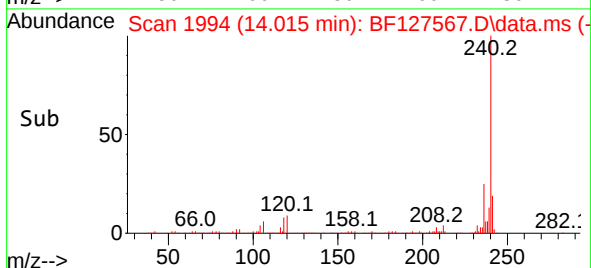
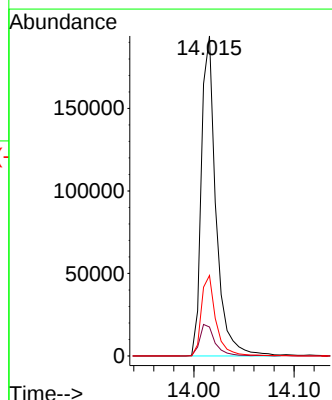
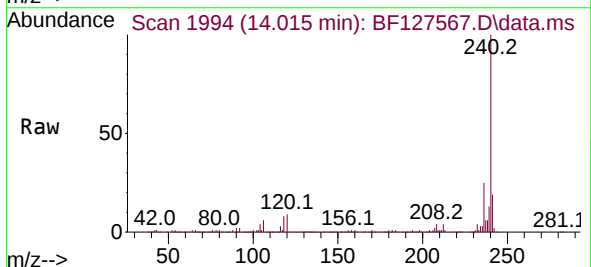
Instrument :
BNA_F
ClientSampleId :
PIT-11-STOCKPILE

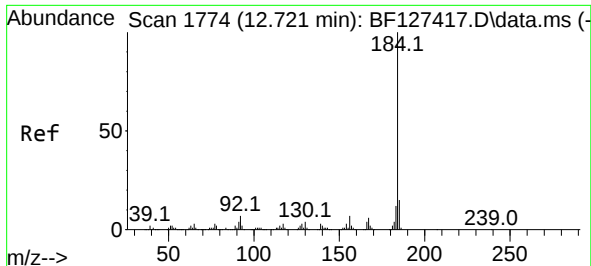
Tgt Ion:248 Resp: 14709
Ion Ratio Lower Upper
248 100
250 187.4 76.6 115.0#
141 423.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

Tgt Ion:240 Resp: 197347
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 25.2 20.7 31.1

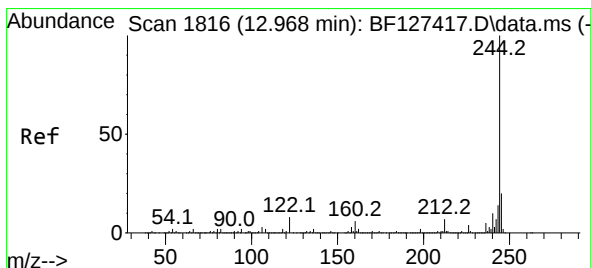
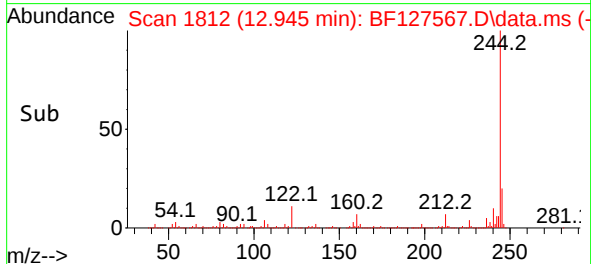
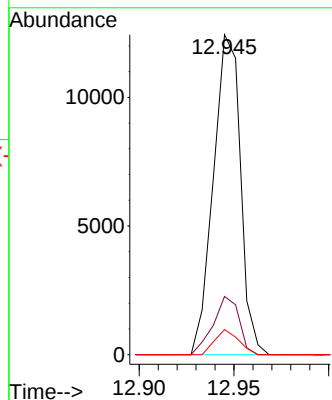
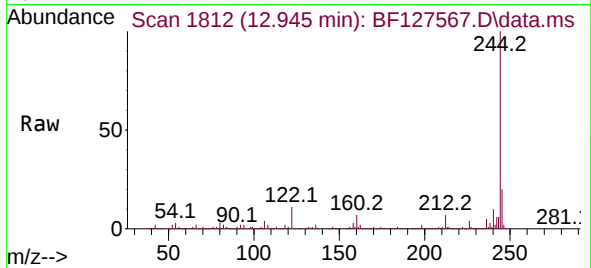




#77
Benzidine
Concen: 2.626 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

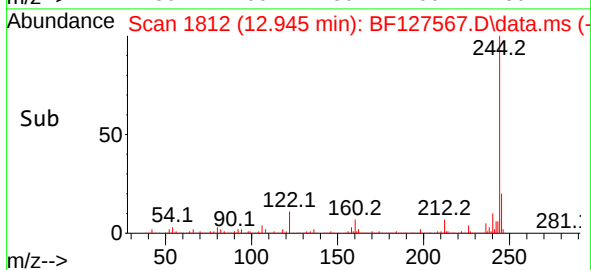
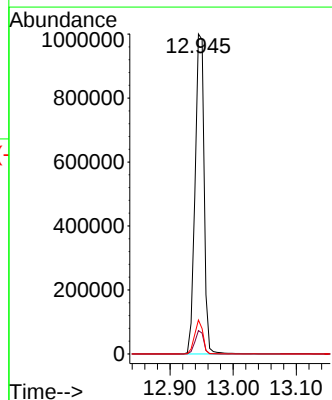
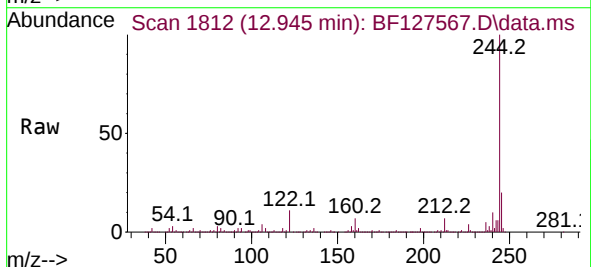
Instrument :
BNA_F
ClientSampleId :
PIT-11-STOCKPILE

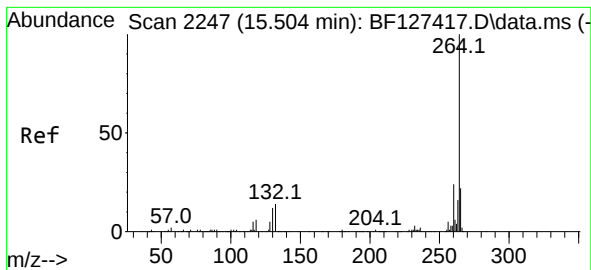
Tgt Ion:184 Resp: 12359
Ion Ratio Lower Upper
184 100
185 18.2 12.2 18.2
183 7.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.248 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127567.D
Acq: 29 Mar 2022 16:02

Tgt Ion:244 Resp: 991523
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.6 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127567.D

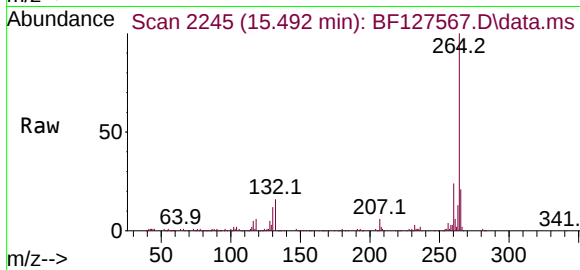
Acq: 29 Mar 2022 16:02

Instrument :

BNA_F

ClientSampleId :

PIT-11-STOCKPILE



Tgt Ion:264 Resp: 165543

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.4 17.4 26.2

