

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126658.D
 Acq On : 25 Jan 2022 12:43
 Operator : CG/JU
 Sample : N1237-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-PARK-SCREENINGS

Quant Time: Jan 26 00:20:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

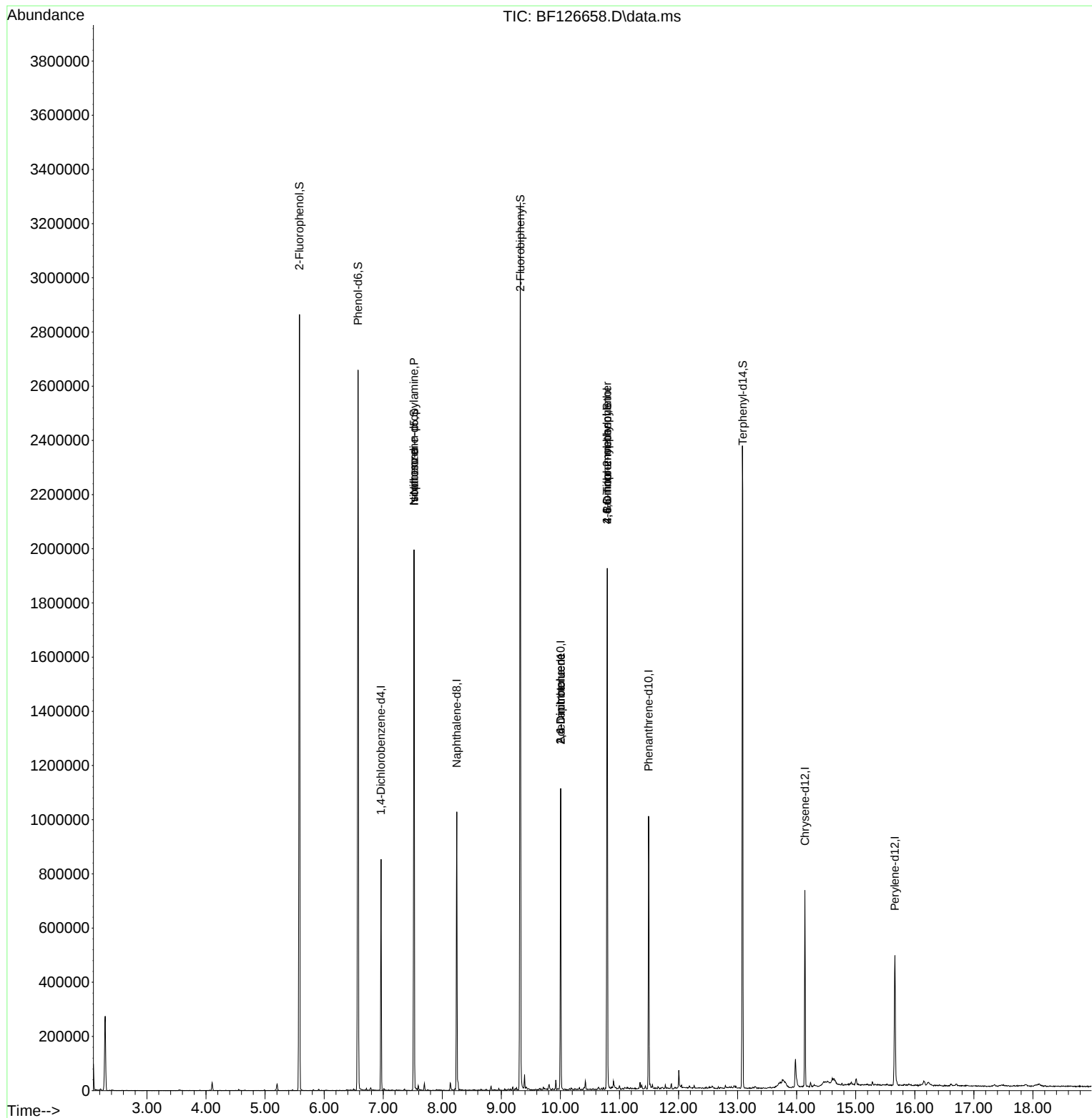
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	100825	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	384751	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	203171	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	322972	20.000	ng	0.00
76) Chrysene-d12	14.139	240	221634	20.000	ng	#-0.01
86) Perylene-d12	15.663	264	218646	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	719778	93.941	ng	0.00
7) Phenol-d6	6.575	99	967669	90.899	ng	0.00
23) Nitrobenzene-d5	7.522	82	720355	73.282	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	183367	96.440	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	917534	69.163	ng	0.00
79) Terphenyl-d14	13.086	244	784620	59.378	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	710	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.522	70	98457	12.672	ng	# 69
25) Isophorone	7.522	82	720338	37.787	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	25854	10.383	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	25854	8.568	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	469	7.629	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12866	3.456	ng	# 1

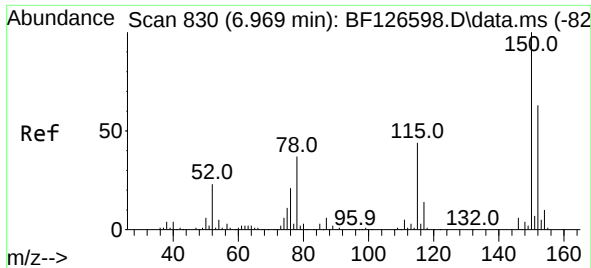
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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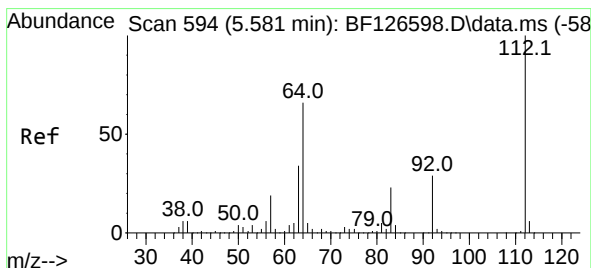
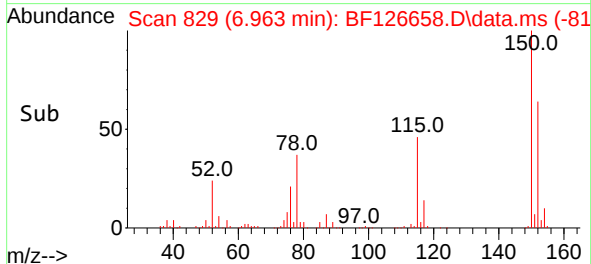
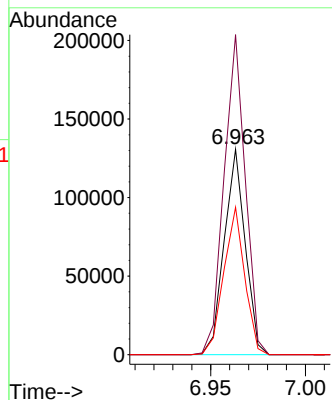
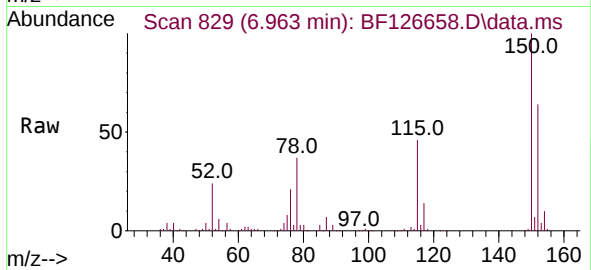




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

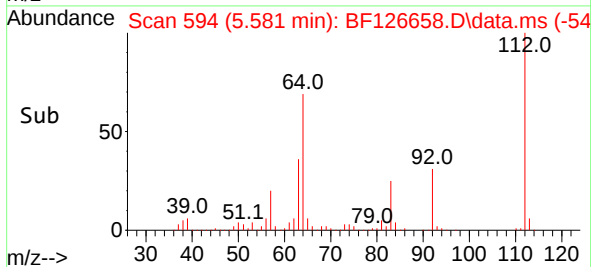
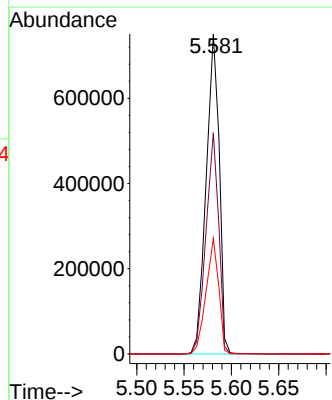
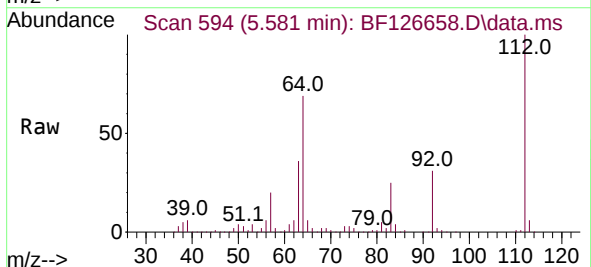
Instrument :
BNA_F
ClientSampleId :
P-PARK-SCREENINGS

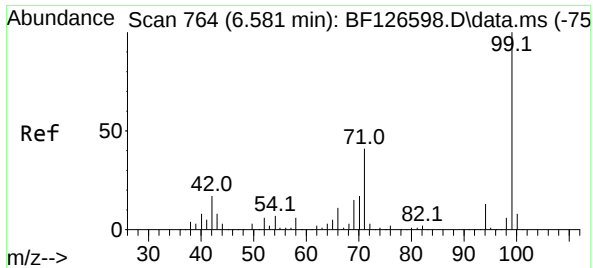
Tgt Ion:152 Resp: 100825
Ion Ratio Lower Upper
152 100
150 155.7 128.1 192.1
115 71.7 56.7 85.1



#5
2-Fluorophenol
Concen: 93.941 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.000 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Tgt Ion:112 Resp: 719778
Ion Ratio Lower Upper
112 100
64 69.1 49.5 74.3
63 36.1 23.9 35.9#





#7

Phenol-d6

Concen: 90.899 ng

RT: 6.575 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF126658.D

Acq: 25 Jan 2022 12:43

Instrument :

BNA_F

ClientSampleId :

P-PARK-SCREENINGS

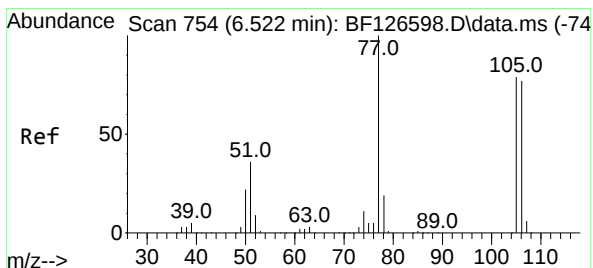
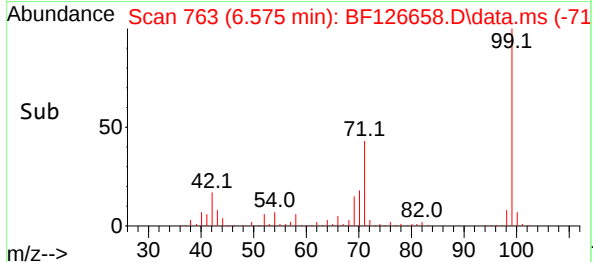
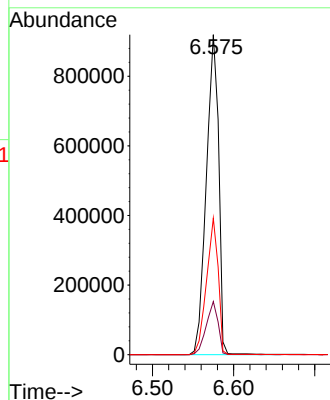
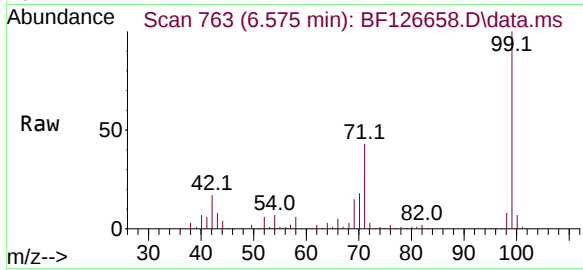
Tgt Ion: 99 Resp: 967669

Ion Ratio Lower Upper

99 100

42 16.6 14.2 21.4

71 42.7 24.3 36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF126658.D

Acq: 25 Jan 2022 12:43

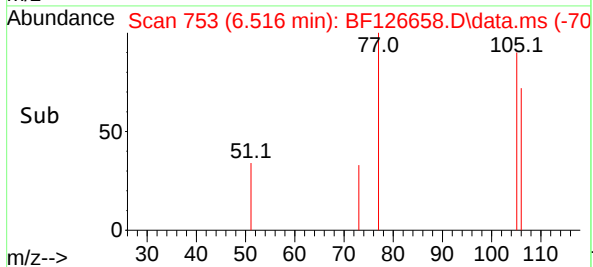
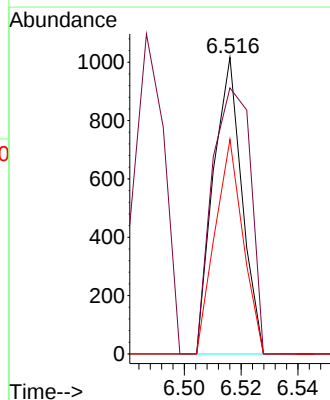
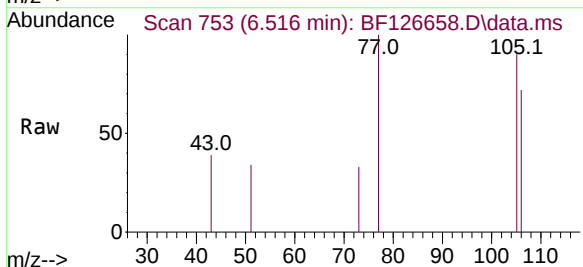
Tgt Ion: 77 Resp: 710

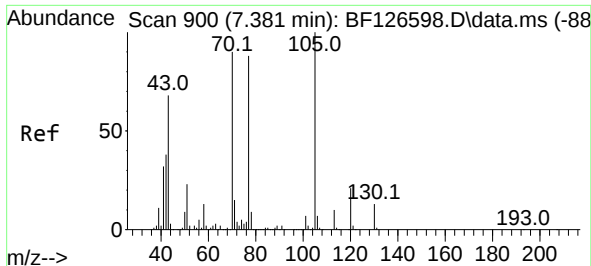
Ion Ratio Lower Upper

77 100

105 89.7 74.9 114.9

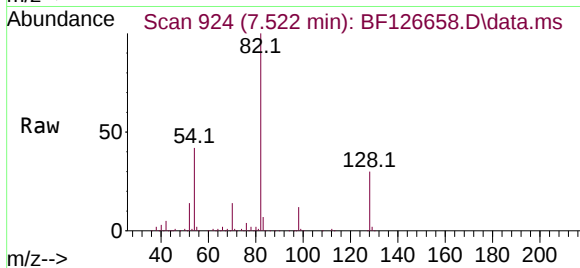
106 72.4 72.4 112.4#



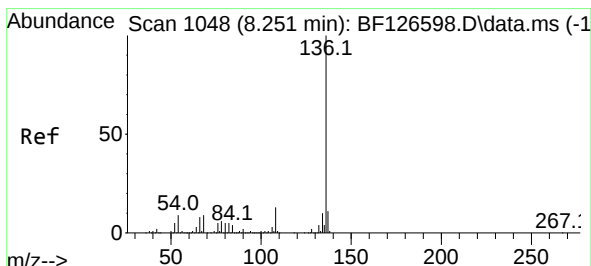
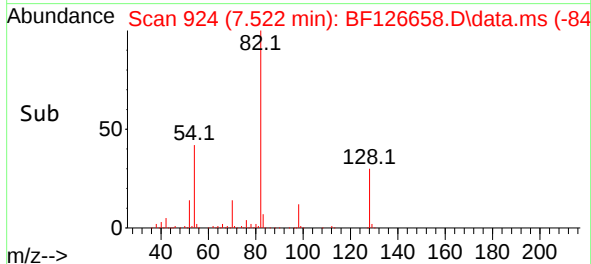
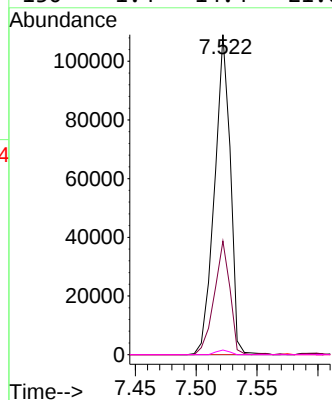


#19
n-Nitroso-di-n-propylamine
Concen: 12.672 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Instrument :
BNA_F
ClientSampleId :
P-PARK-SCREENINGS

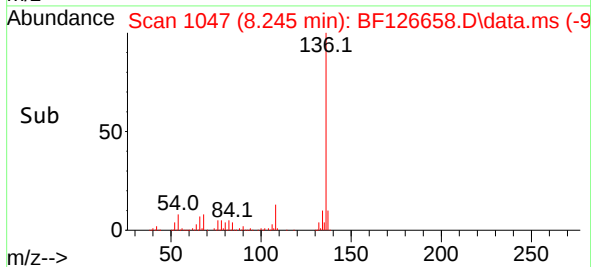
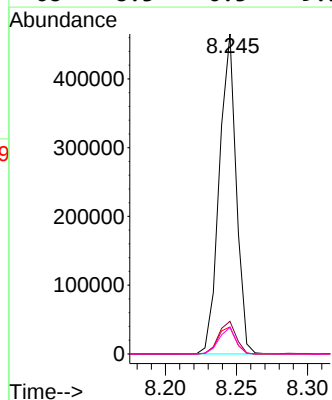
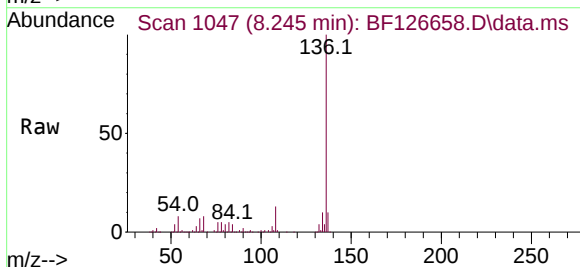


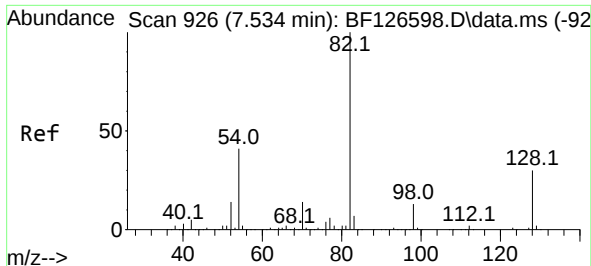
Tgt Ion: 70 Resp: 98457
Ion Ratio Lower Upper
70 100
42 35.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Tgt Ion: 136 Resp: 384751
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.5 7.8 11.6
68 8.3 6.3 9.5





#23

Nitrobenzene-d5

Concen: 73.282 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF126658.D

Acq: 25 Jan 2022 12:43

Instrument :

BNA_F

ClientSampleId :

P-PARK-SCREENINGS

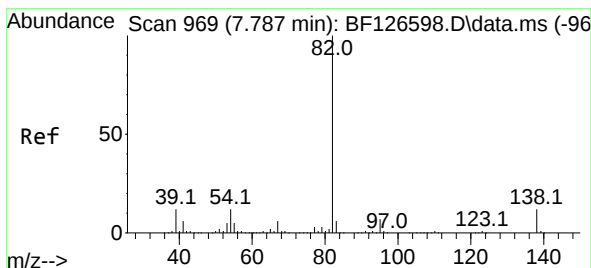
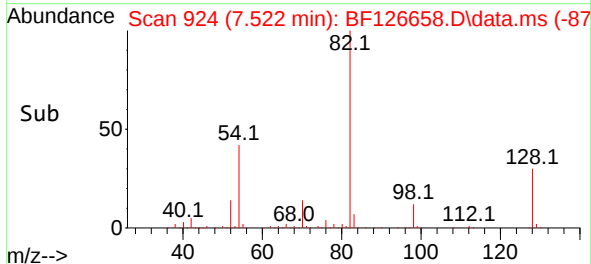
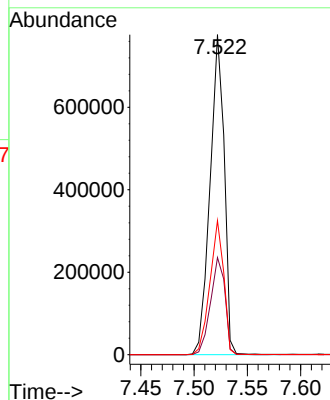
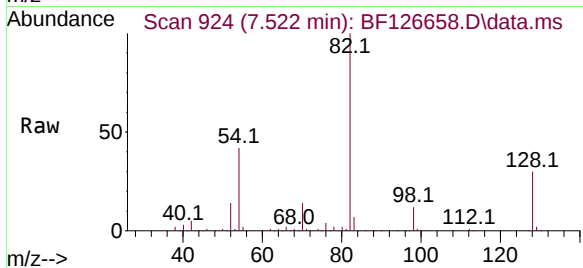
Tgt Ion: 82 Resp: 720355

Ion Ratio Lower Upper

82 100

128 30.4 32.7 49.1#

54 41.9 41.7 62.5



#25

Isophorone

Concen: 37.787 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.265 min

Lab File: BF126658.D

Acq: 25 Jan 2022 12:43

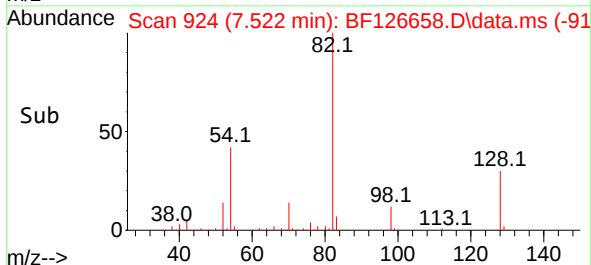
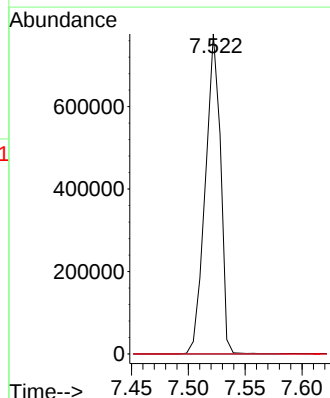
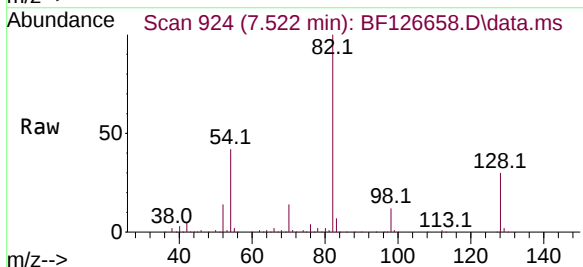
Tgt Ion: 82 Resp: 720338

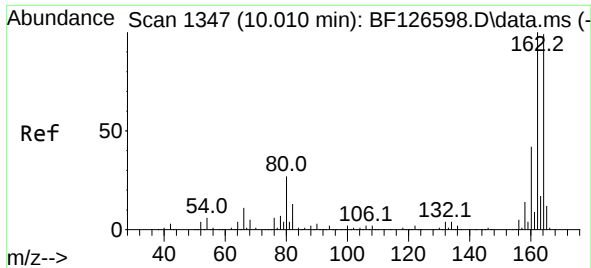
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

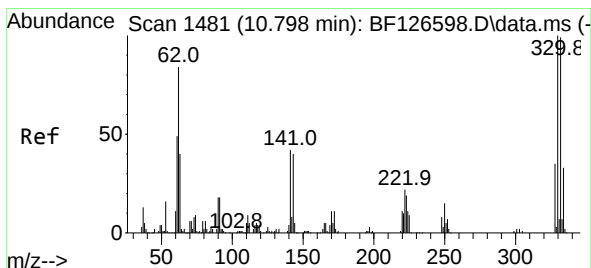
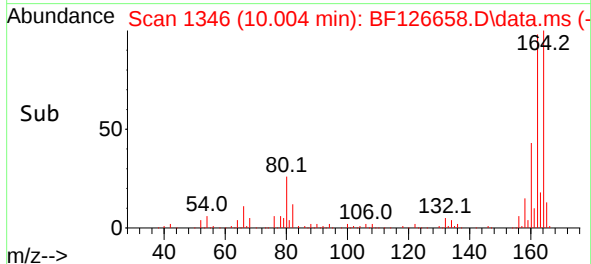
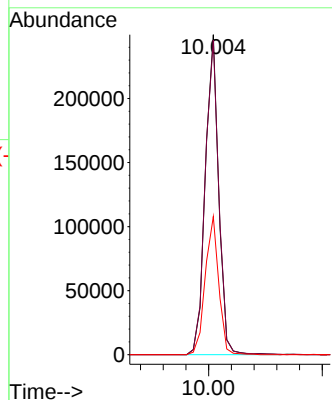
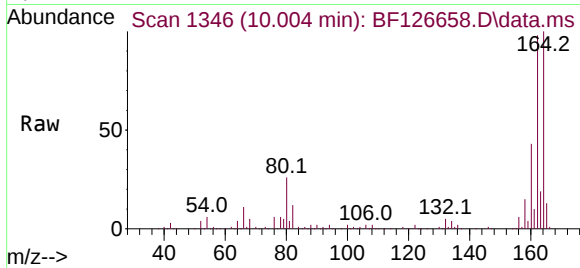




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

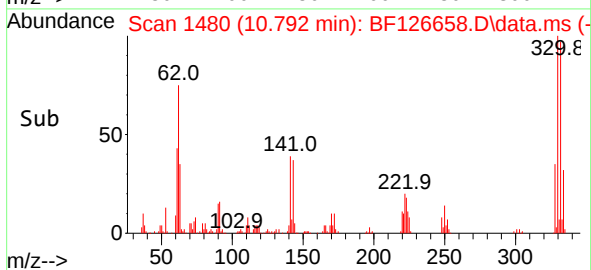
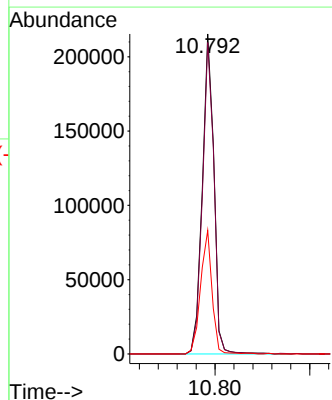
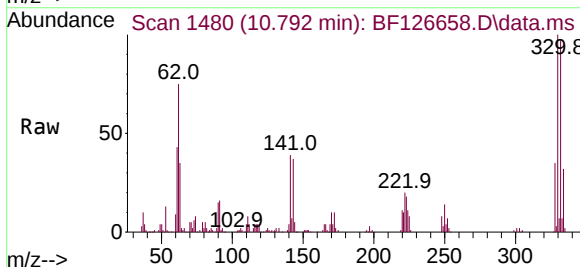
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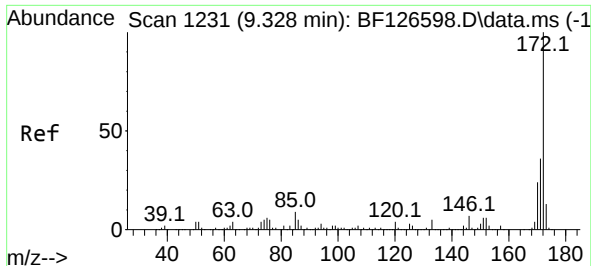
Tgt Ion:164 Resp: 203171
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 43.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 96.440 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Tgt Ion:330 Resp: 183367
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 38.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 69.163 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126658.D

Acq: 25 Jan 2022 12:43

Instrument :

BNA_F

ClientSampleId :

P-PARK-SCREENINGS

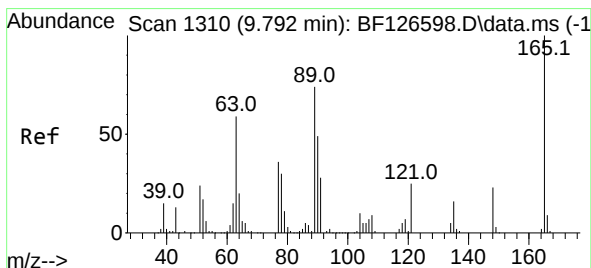
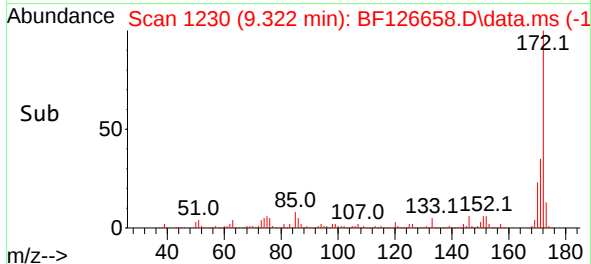
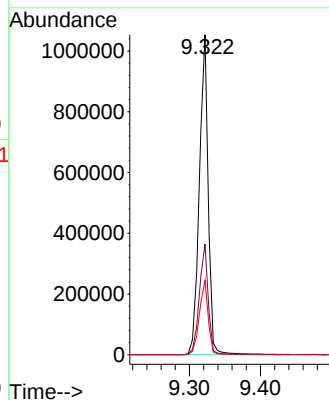
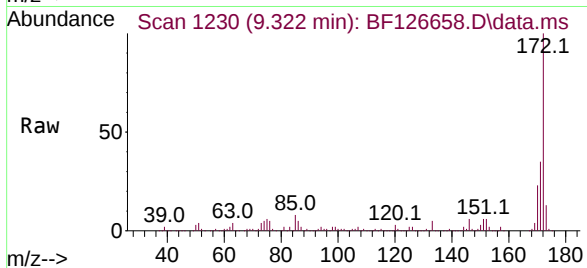
Tgt Ion:172 Resp: 917534

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.383 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126658.D

Acq: 25 Jan 2022 12:43

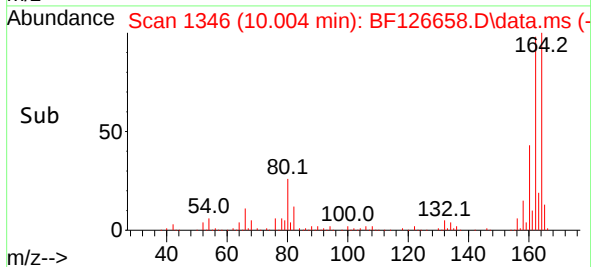
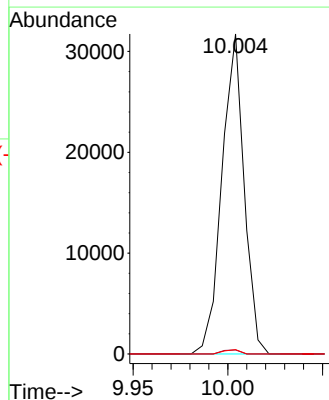
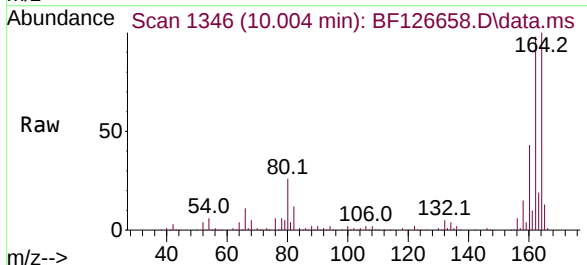
Tgt Ion:165 Resp: 25854

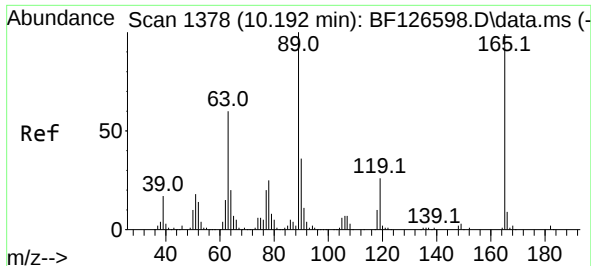
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.4 50.5 75.7#

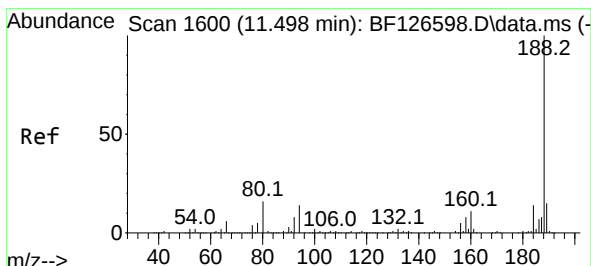
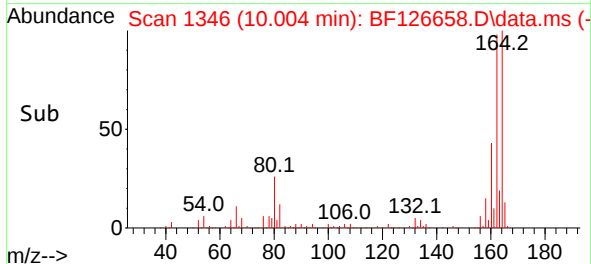
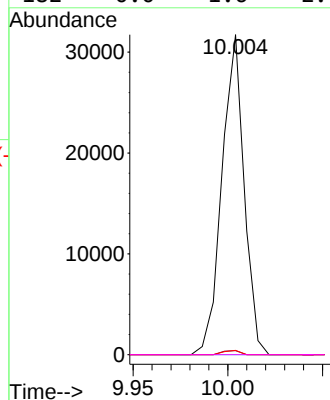
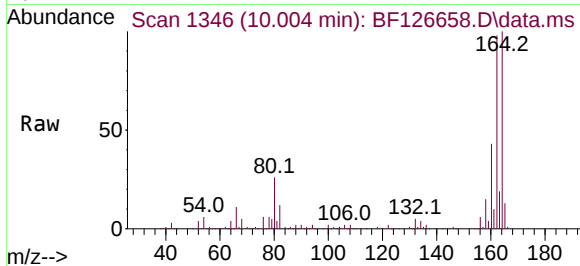




#57
2,4-Dinitrotoluene
Concen: 8.568 ng
RT: 10.004 min Scan# 1599
Delta R.T. -0.188 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

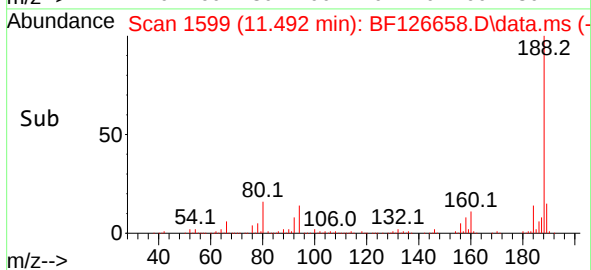
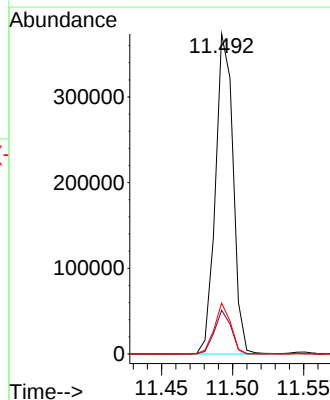
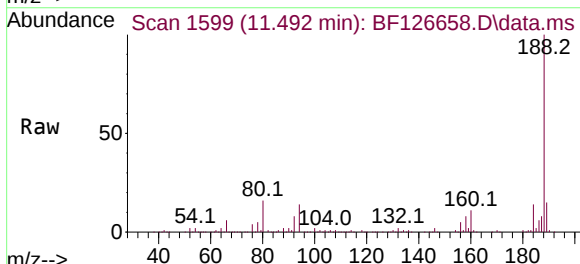
Instrument :
BNA_F
ClientSampleId :
P-PARK-SCREENINGS

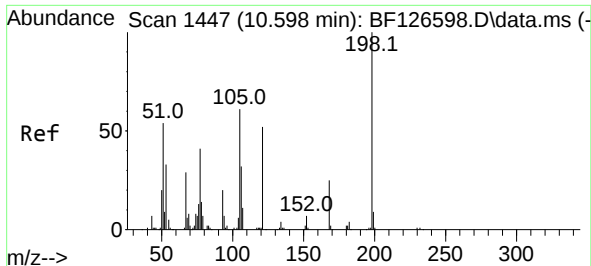
Tgt Ion:165 Resp: 25854
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Tgt Ion:188 Resp: 322972
Ion Ratio Lower Upper
188 100
94 13.7 10.1 15.1
80 15.9 11.8 17.6

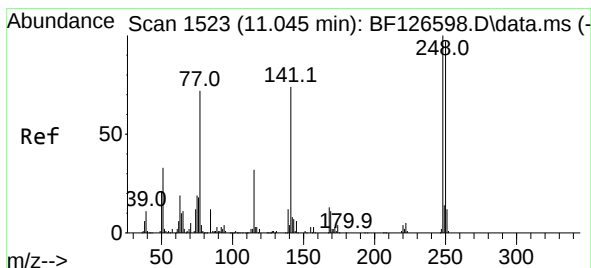
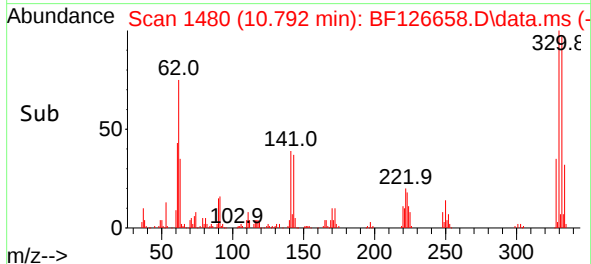
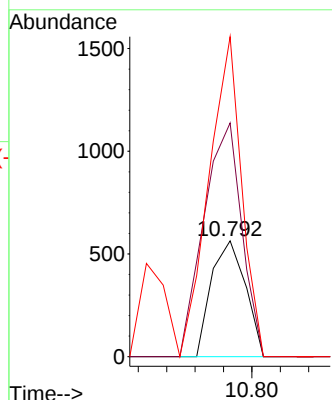
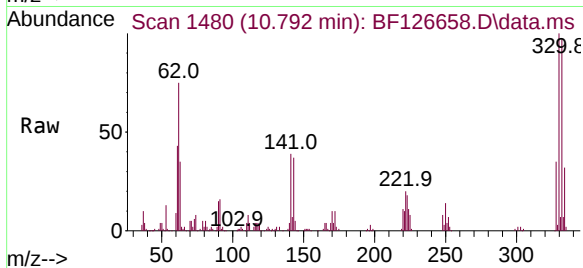




#65
4,6-Dinitro-2-methylphenol
Concen: 7.629 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

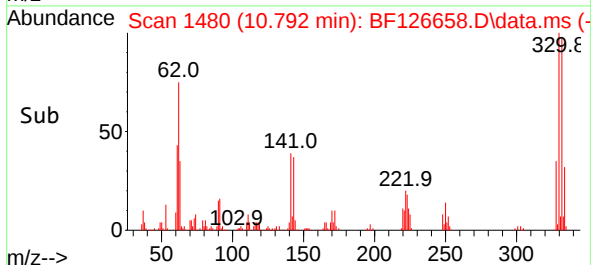
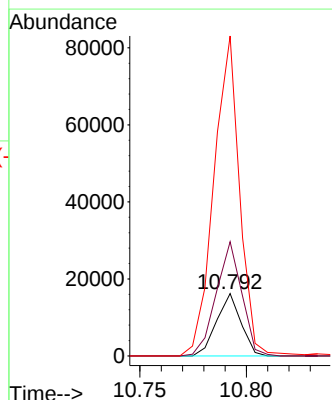
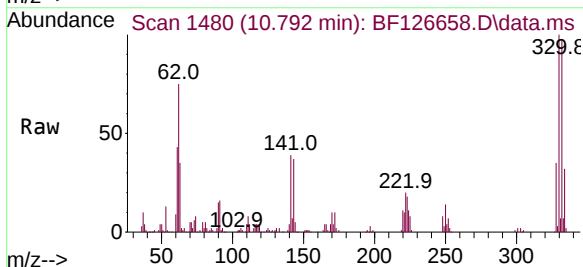
Instrument :
BNA_F
ClientSampleId :
P-PARK-SCREENINGS

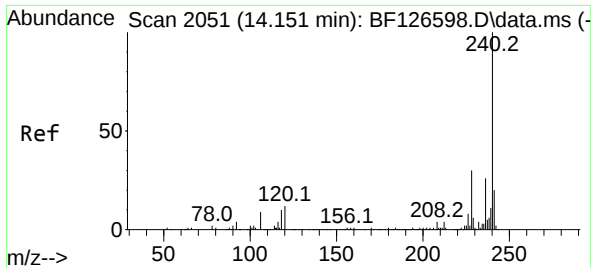
Tgt Ion:198 Resp: 469
Ion Ratio Lower Upper
198 100
51 201.8 32.0 72.0#
105 276.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.456 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Tgt Ion:248 Resp: 12866
Ion Ratio Lower Upper
248 100
250 183.3 76.2 114.4#
141 513.2 66.2 99.4#

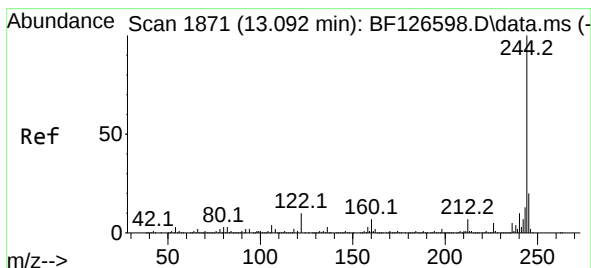
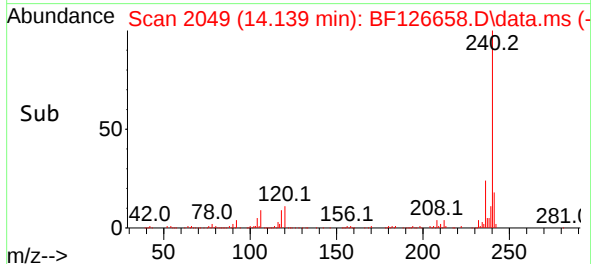
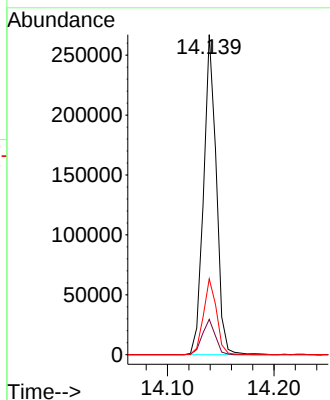
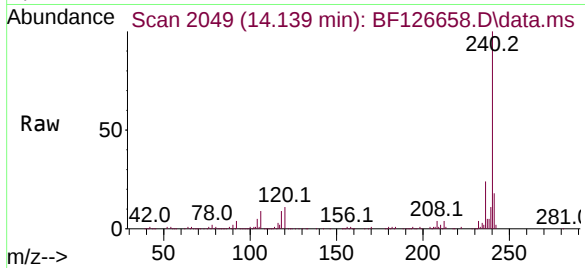




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

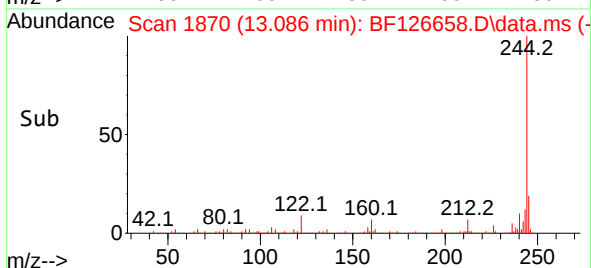
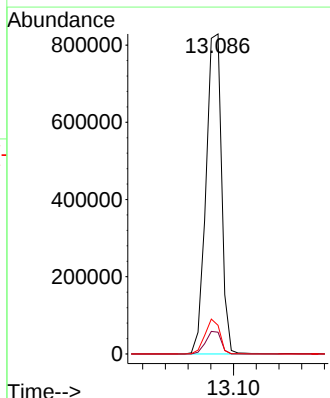
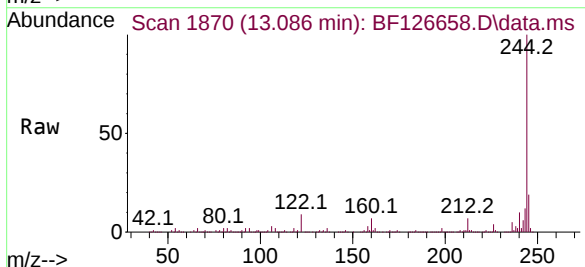
Instrument :
BNA_F
ClientSampleId :
P-PARK-SCREENINGS

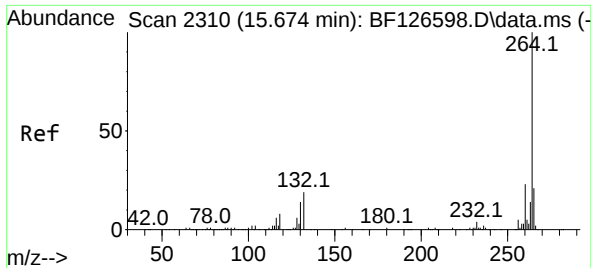
Tgt Ion:240 Resp: 221634
Ion Ratio Lower Upper
240 100
120 11.1 14.4 21.6#
236 23.7 20.5 30.7



#79
Terphenyl-d14
Concen: 59.378 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126658.D
Acq: 25 Jan 2022 12:43

Tgt Ion:244 Resp: 784620
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 8.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126658.D
 Acq: 25 Jan 2022 12:43

Instrument :
 BNA_F
 ClientSampleId :
 P-PARK-SCREENINGS

Tgt Ion:264	Resp:	218646
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.2 28.8
265	21.9	17.4 26.2

