

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126897.D
 Acq On : 15 Feb 2022 17:49
 Operator : CG\JU
 Sample : N1449-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP

Quant Time: Feb 16 00:18:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

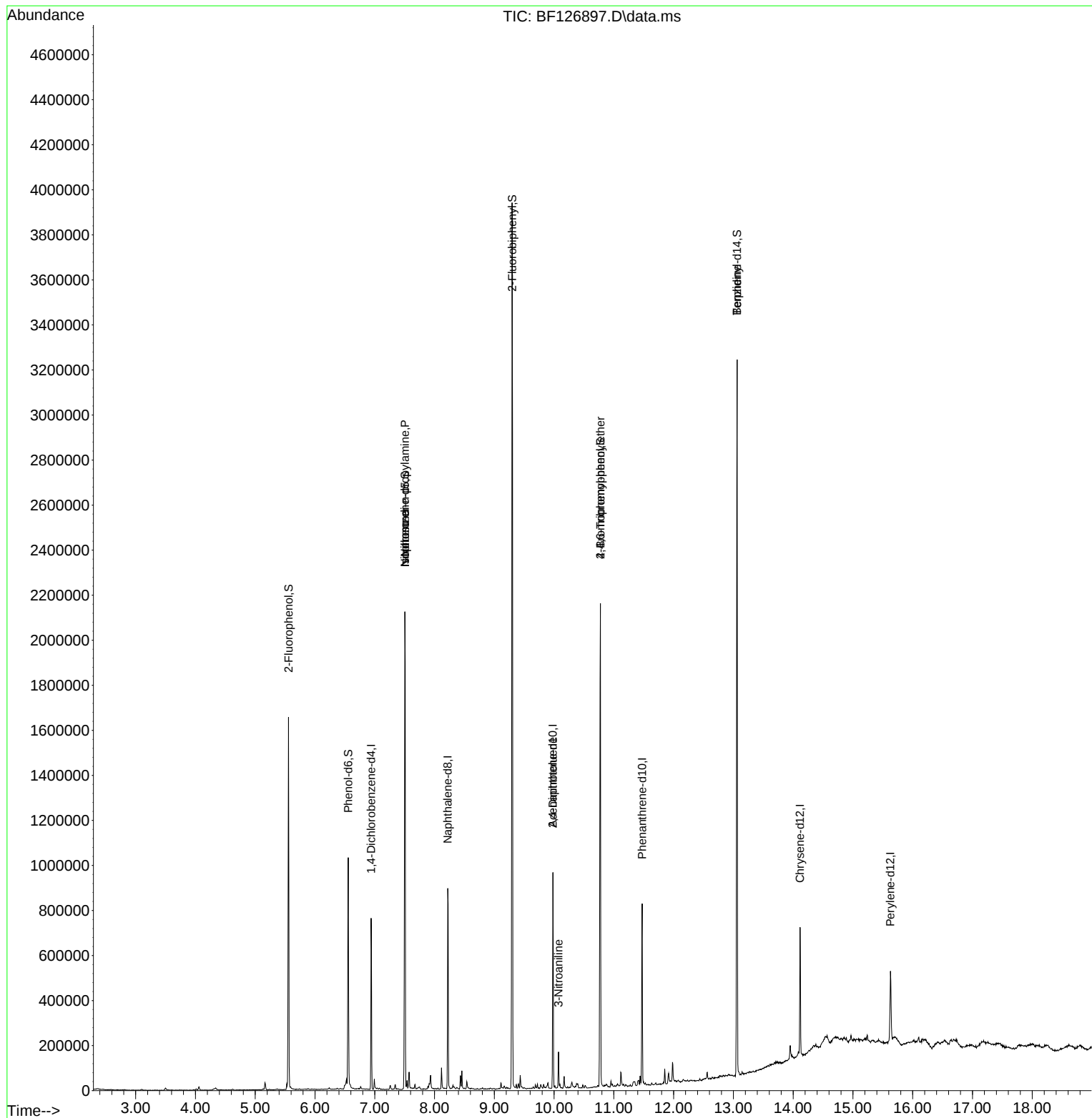
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	97069	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	366286	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	164484	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	258900	20.000	ng	0.00
76) Chrysene-d12	14.115	240	174142	20.000	ng	0.00
86) Perylene-d12	15.627	264	131868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	363003	57.578	ng	0.00
7) Phenol-d6	6.557	99	282956	33.245	ng	0.00
23) Nitrobenzene-d5	7.504	82	735643	92.667	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	236513	134.124	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1077572	98.615	ng	0.00
79) Terphenyl-d14	13.063	244	982778	80.904	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	100021	18.558	ng	# 82
25) Isophorone	7.504	82	735626	55.309	ng	# 68
53) 3-Nitroaniline	10.075	138	7666	2.667	ng	# 17
57) 2,4-Dinitrotoluene	9.980	165	20889	6.705	ng	# 16
67) 4-Bromophenyl-phenylether	10.775	248	14351	5.101	ng	# 1
77) Benzidine	13.063	184	15871	3.464	ng	97

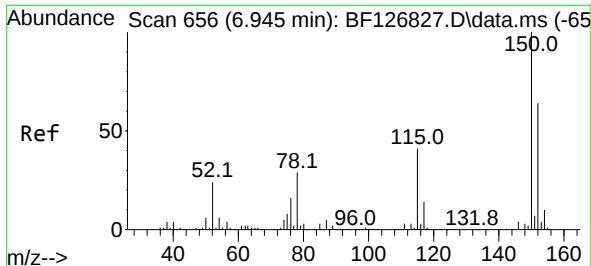
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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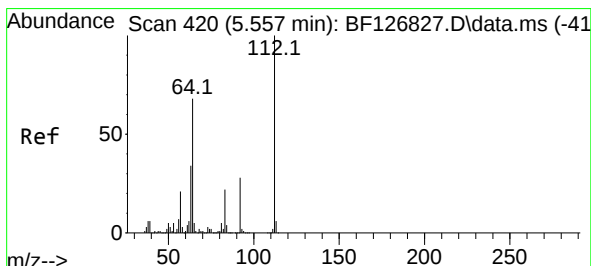
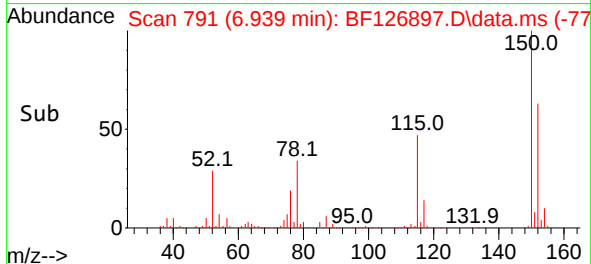
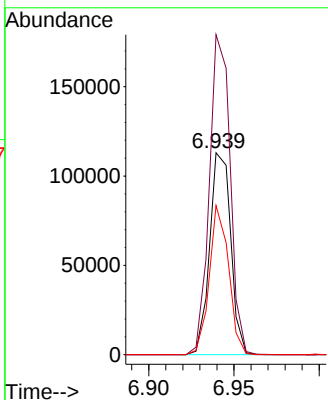
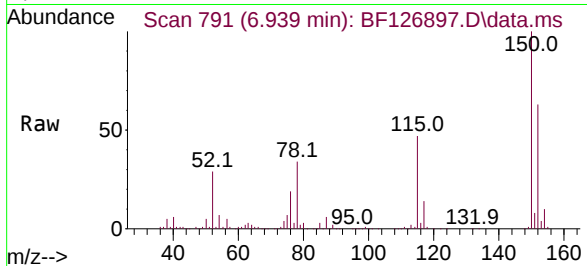




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

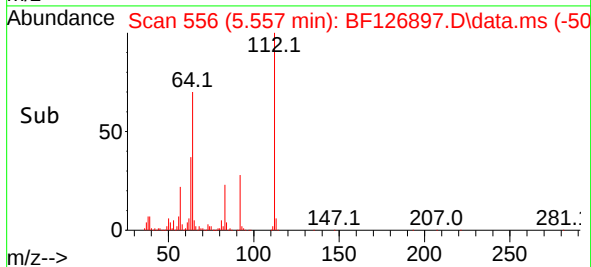
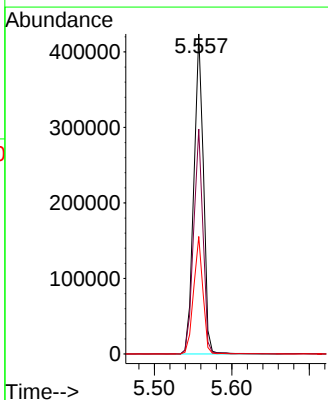
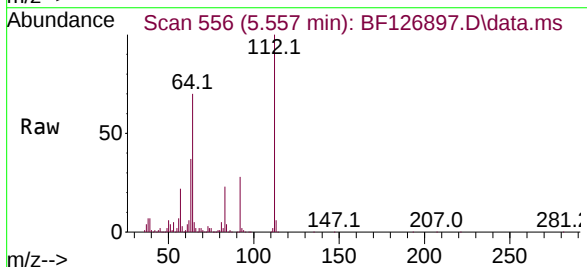
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP

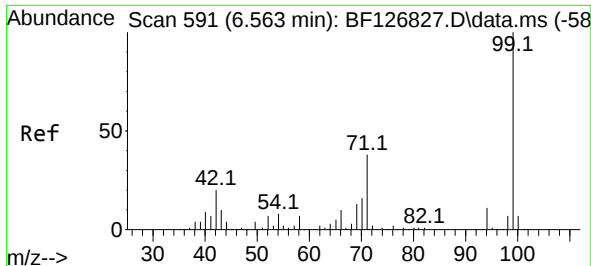
Tgt Ion:152 Resp: 97069
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 73.8 50.5 75.7



#5
2-Fluorophenol
Concen: 57.578 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.000 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

Tgt Ion:112 Resp: 363003
Ion Ratio Lower Upper
112 100
64 70.3 54.3 81.5
63 36.7 27.5 41.3

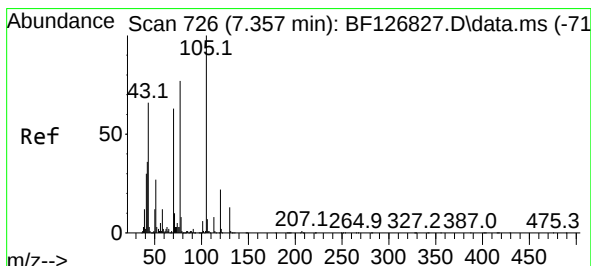
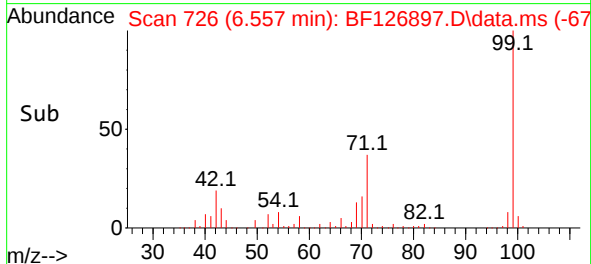
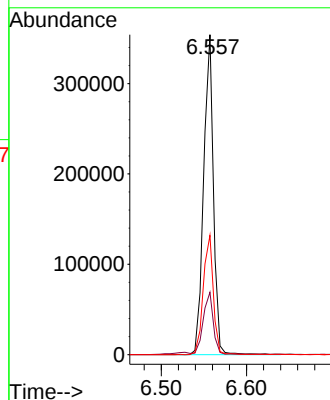
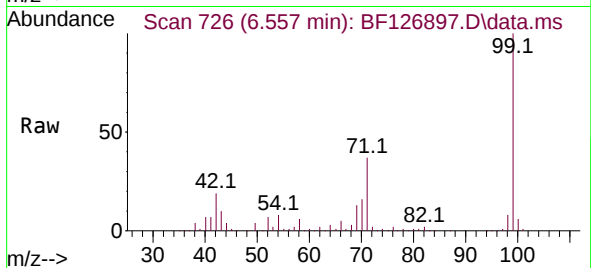




#7
Phenol-d6
Concen: 33.245 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

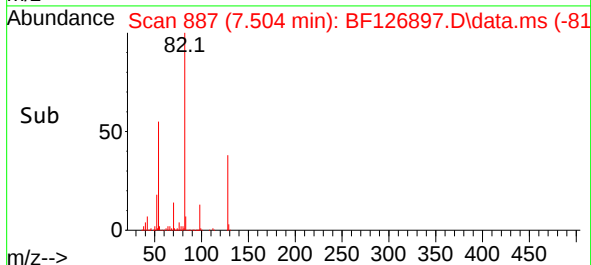
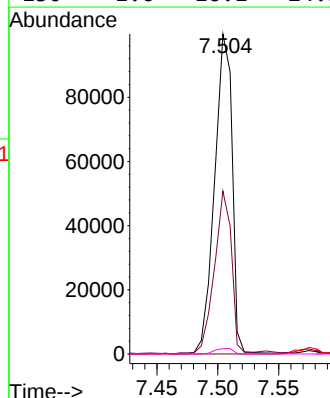
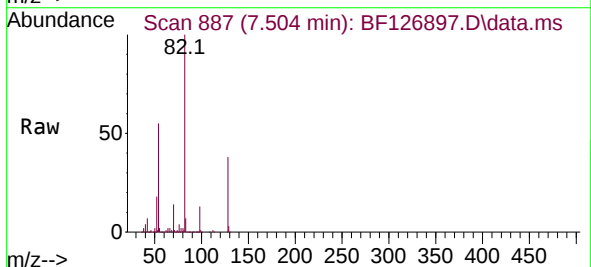
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP

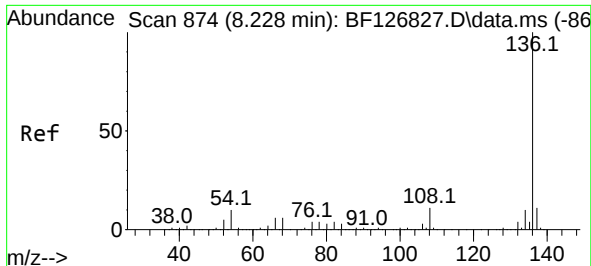
Tgt Ion: 99 Resp: 282956
Ion Ratio Lower Upper
99 100
42 19.5 15.8 23.6
71 37.3 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.558 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

Tgt Ion: 70 Resp: 100021
Ion Ratio Lower Upper
70 100
42 50.9 46.3 69.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



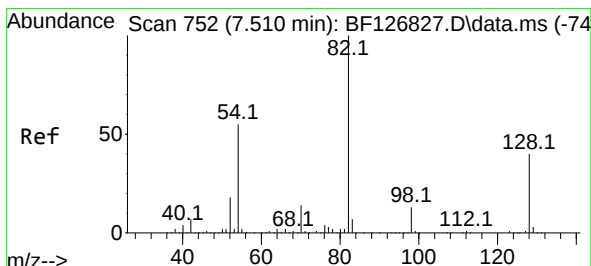
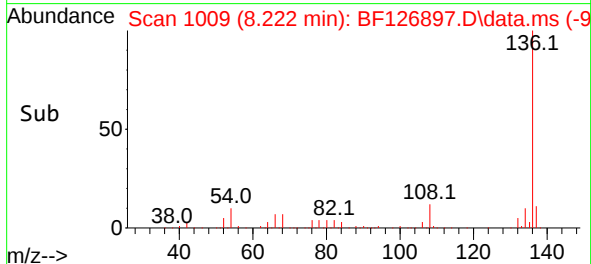
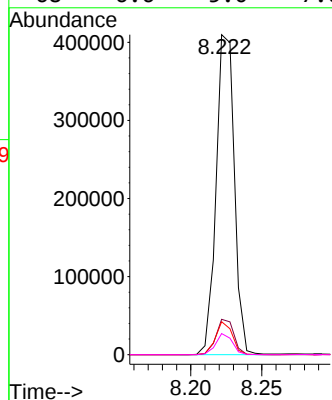
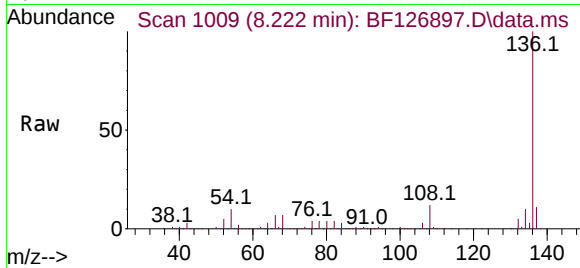


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP

Tgt Ion:136 Resp: 366286

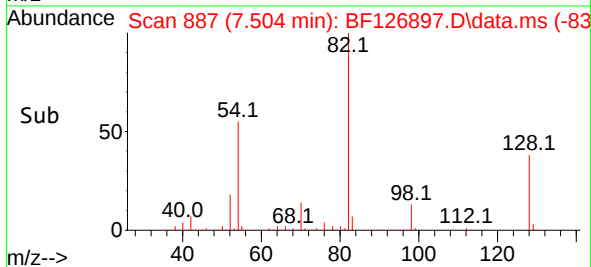
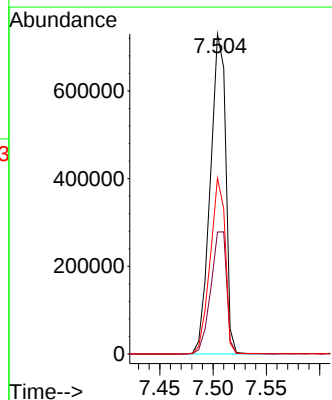
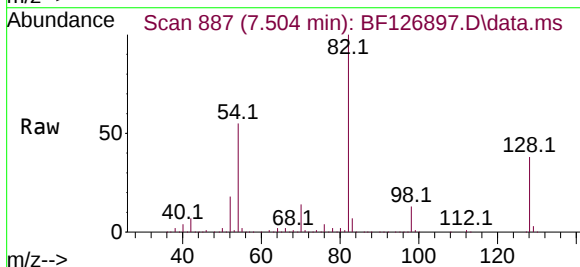
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.3	8.0	12.0
68	6.6	5.0	7.6

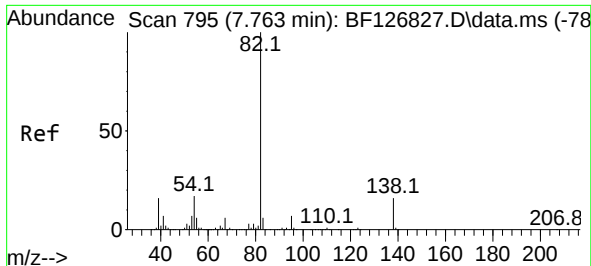


#23
Nitrobenzene-d5
Concen: 92.667 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

Tgt Ion: 82 Resp: 735643

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.6	47.4
54	55.0	43.7	65.5

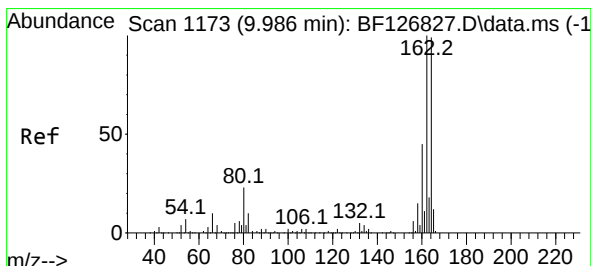
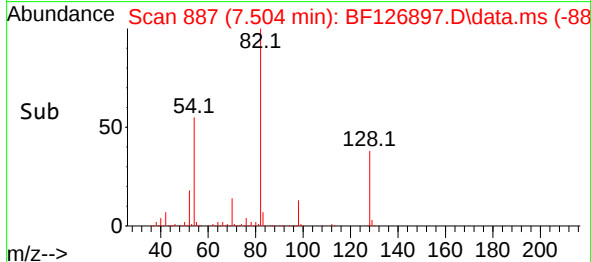
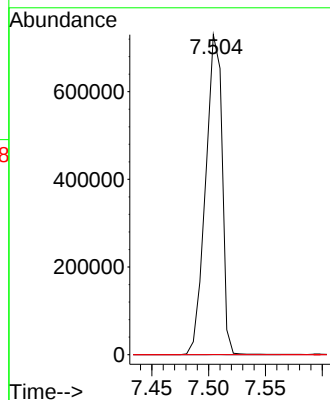
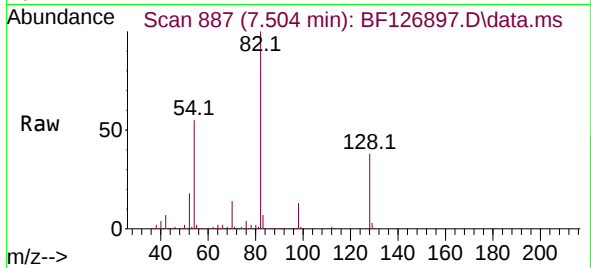




#25
Isophorone
Concen: 55.309 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

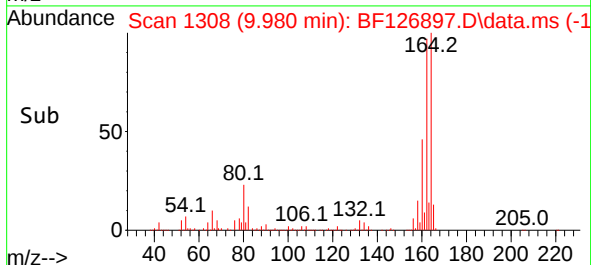
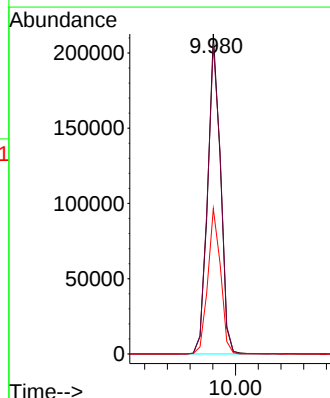
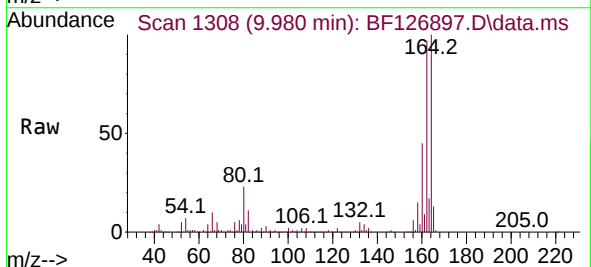
Instrument : BNA_F
ClientSampleId : SPLP-LEACHATE-AMENDED-COMP

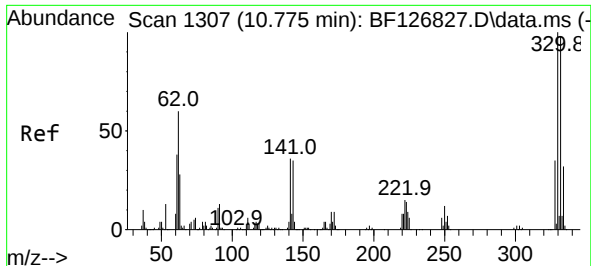
Tgt Ion: 82 Resp: 735626
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

Tgt Ion:164 Resp: 164484
Ion Ratio Lower Upper
164 100
162 97.0 80.9 121.3
160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 134.124 ng

RT: 10.775 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF126897.D

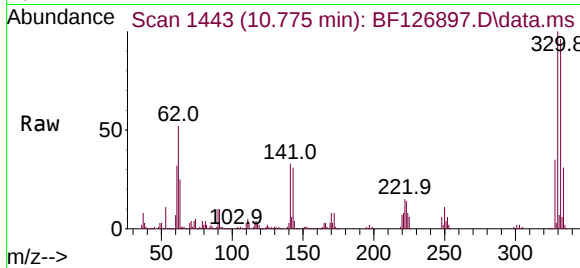
Acq: 15 Feb 2022 17:49

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP



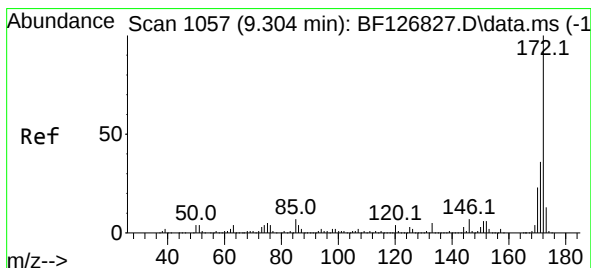
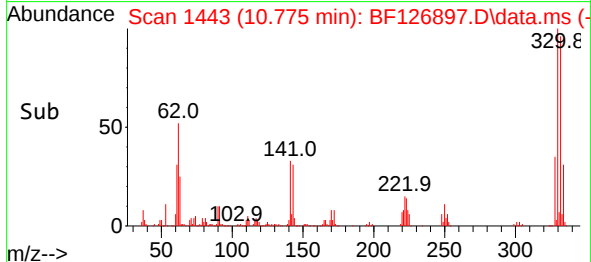
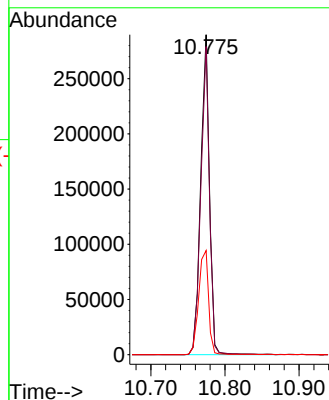
Tgt Ion:330 Resp: 236513

Ion Ratio Lower Upper

330 100

332 95.6 78.2 117.4

141 37.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 98.615 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126897.D

Acq: 15 Feb 2022 17:49

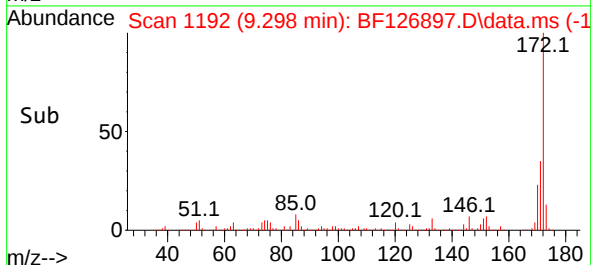
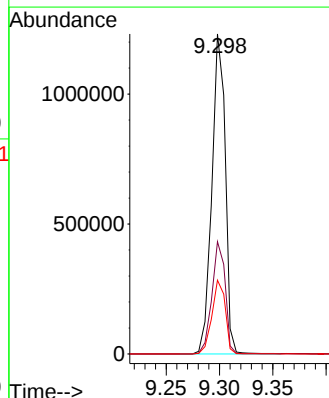
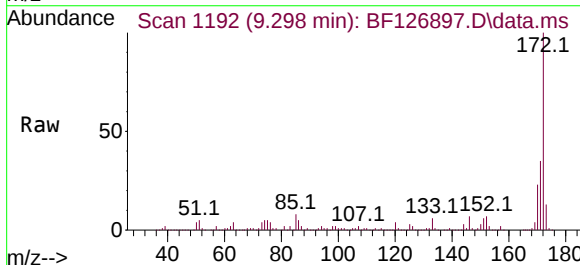
Tgt Ion:172 Resp: 1077572

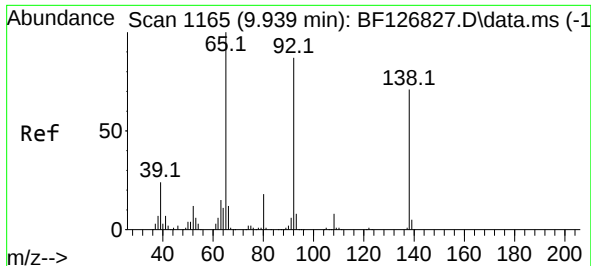
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.1 18.7 28.1

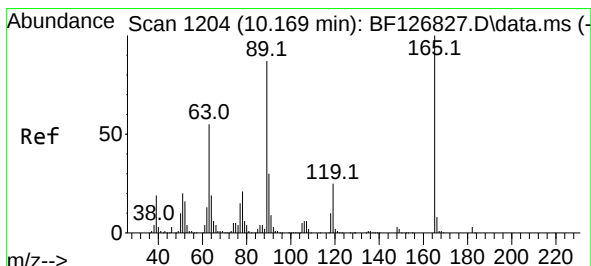
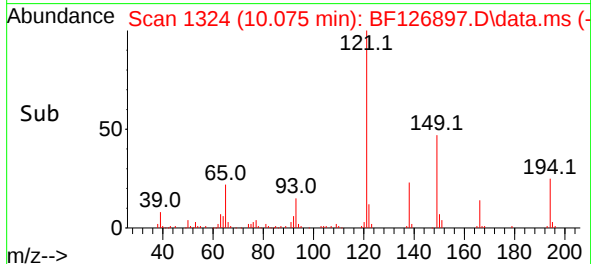
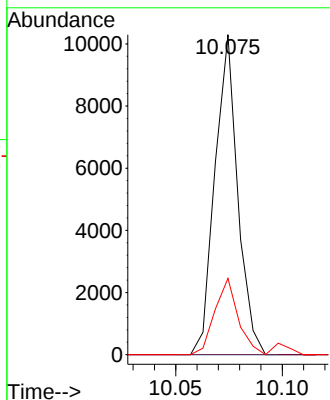
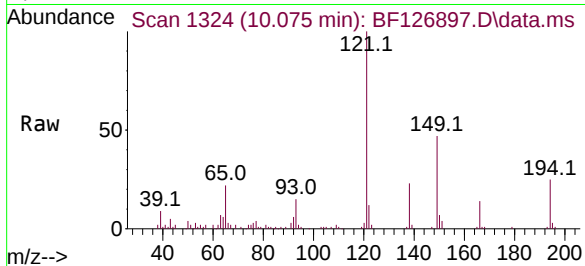




#53
3-Nitroaniline
Concen: 2.667 ng
RT: 10.075 min Scan# 1165
Delta R.T. 0.135 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

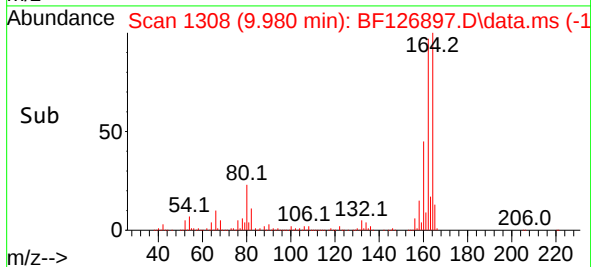
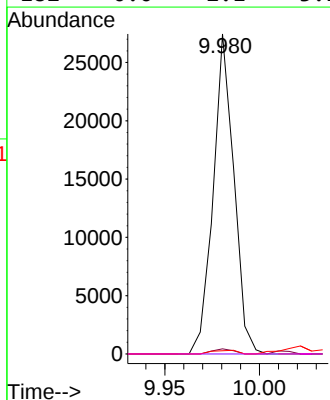
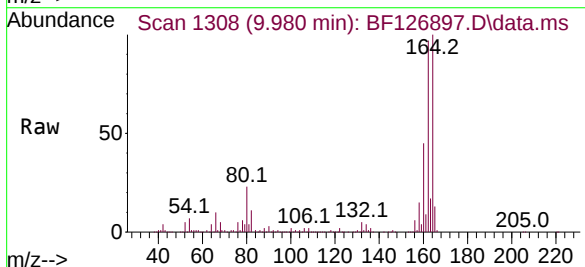
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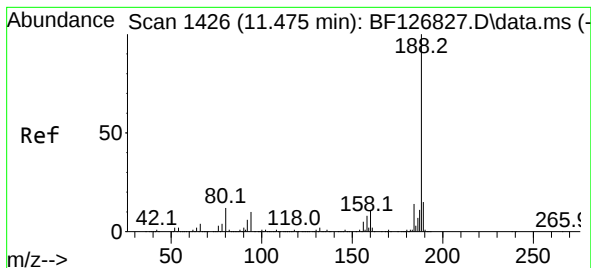
Tgt Ion:138 Resp: 7666
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.2#
92 23.9 97.8 146.6#



#57
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126897.D
Acq: 15 Feb 2022 17:49

Tgt Ion:165 Resp: 20889
Ion Ratio Lower Upper
165 100
63 1.6 43.9 65.9#
89 1.0 69.8 104.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126897.D

Acq: 15 Feb 2022 17:49

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP

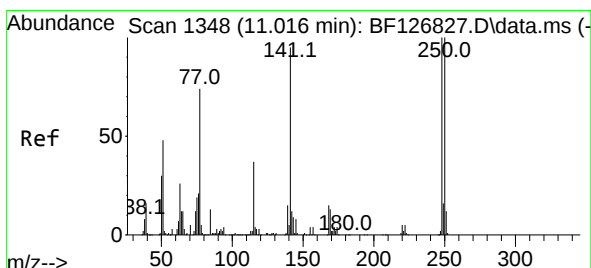
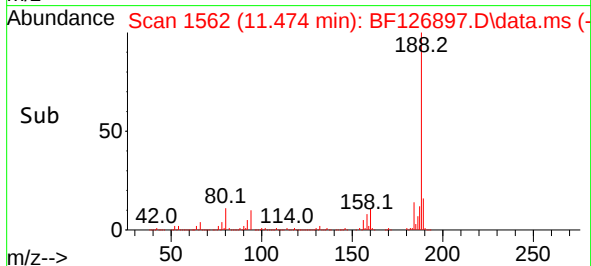
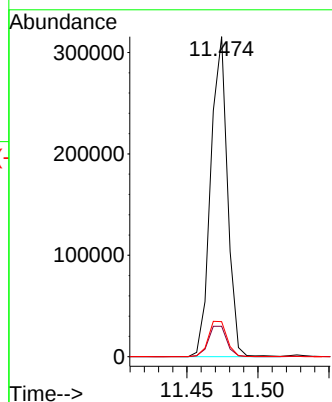
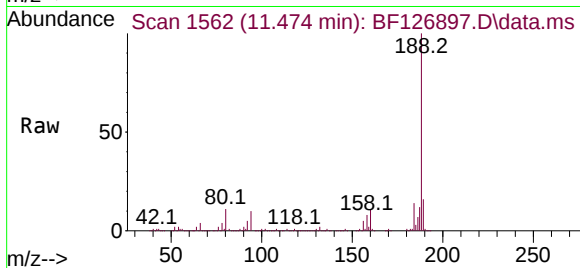
Tgt Ion:188 Resp: 258900

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

80 11.0 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 5.101 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF126897.D

Acq: 15 Feb 2022 17:49

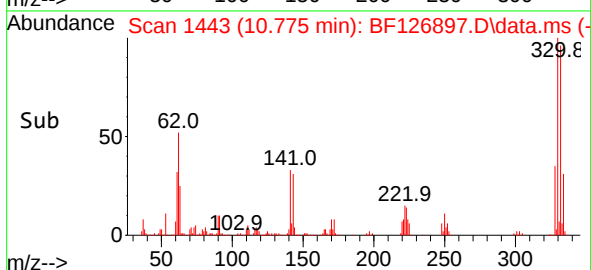
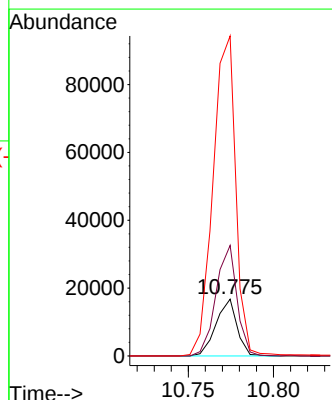
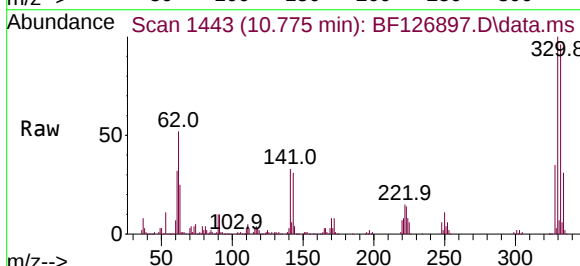
Tgt Ion:248 Resp: 14351

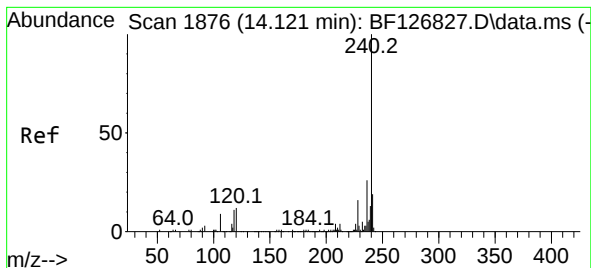
Ion Ratio Lower Upper

248 100

250 194.4 80.0 120.0#

141 563.0 75.6 113.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126897.D

Acq: 15 Feb 2022 17:49

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP

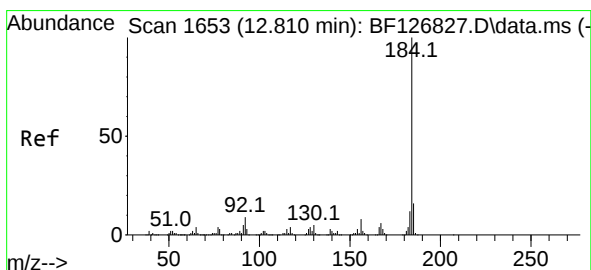
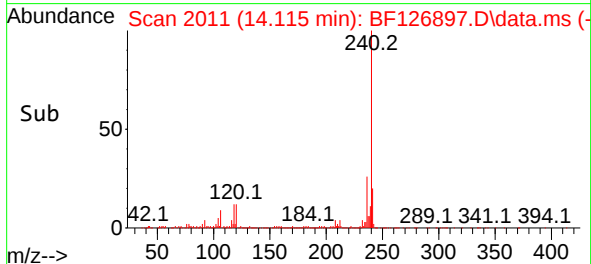
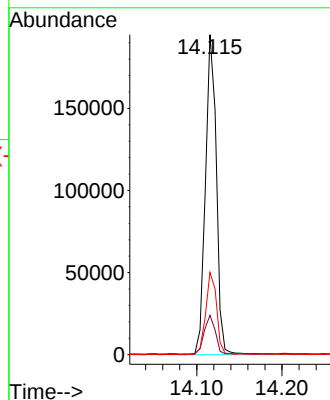
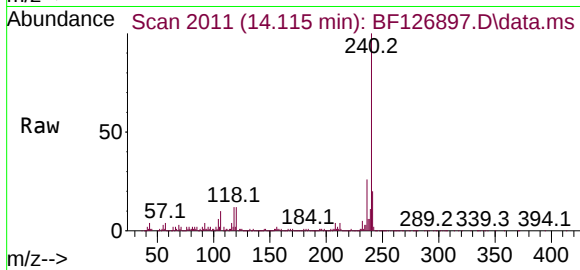
Tgt Ion:240 Resp: 174142

Ion Ratio Lower Upper

240 100

120 12.3 9.8 14.6

236 25.7 20.5 30.7



#77

Benzidine

Concen: 3.464 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.253 min

Lab File: BF126897.D

Acq: 15 Feb 2022 17:49

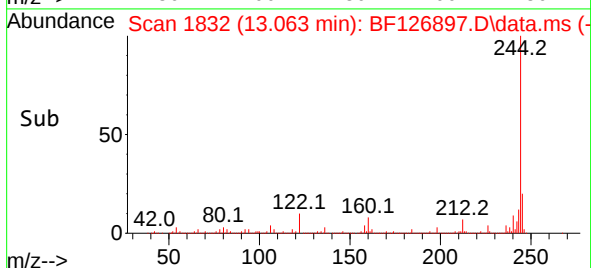
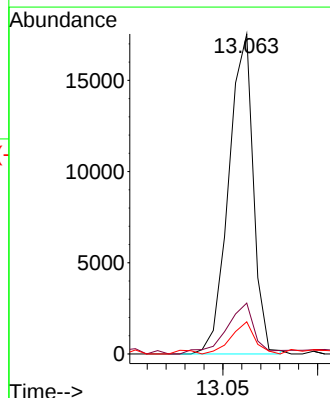
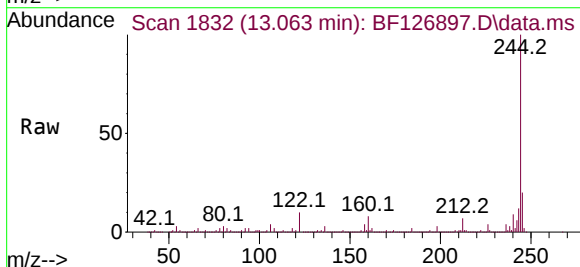
Tgt Ion:184 Resp: 15871

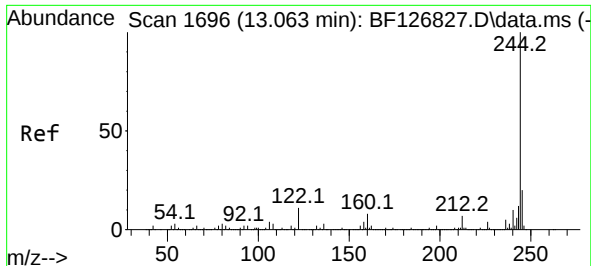
Ion Ratio Lower Upper

184 100

185 15.9 12.5 18.7

183 10.0 9.6 14.4

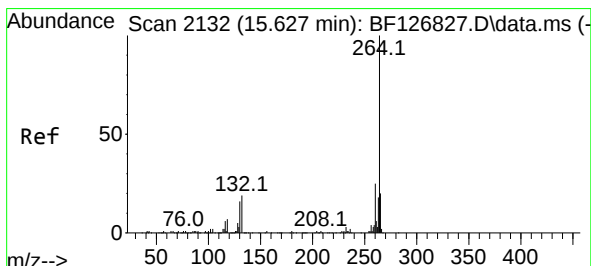
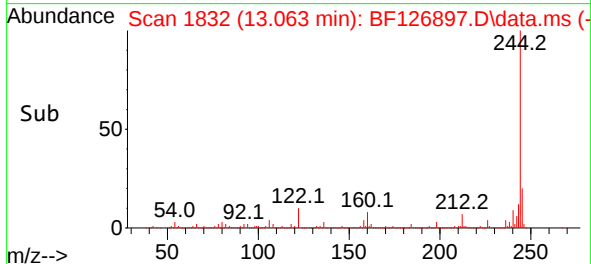
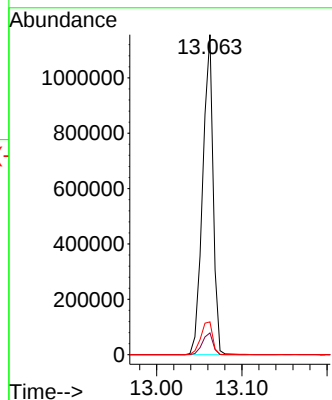
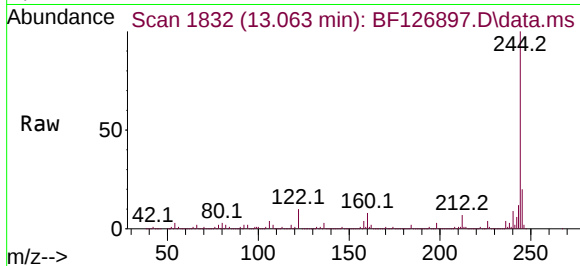




#79
 Terphenyl-d14
 Concen: 80.904 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126897.D
 Acq: 15 Feb 2022 17:49

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP

Tgt Ion:244 Resp: 982778
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF126897.D
 Acq: 15 Feb 2022 17:49

Tgt Ion:264 Resp: 131868
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.5 15.9 23.9

