

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126901.D
 Acq On : 15 Feb 2022 19:40
 Operator : CG\JU
 Sample : N1477-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-8

Quant Time: Feb 16 00:20:25 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)

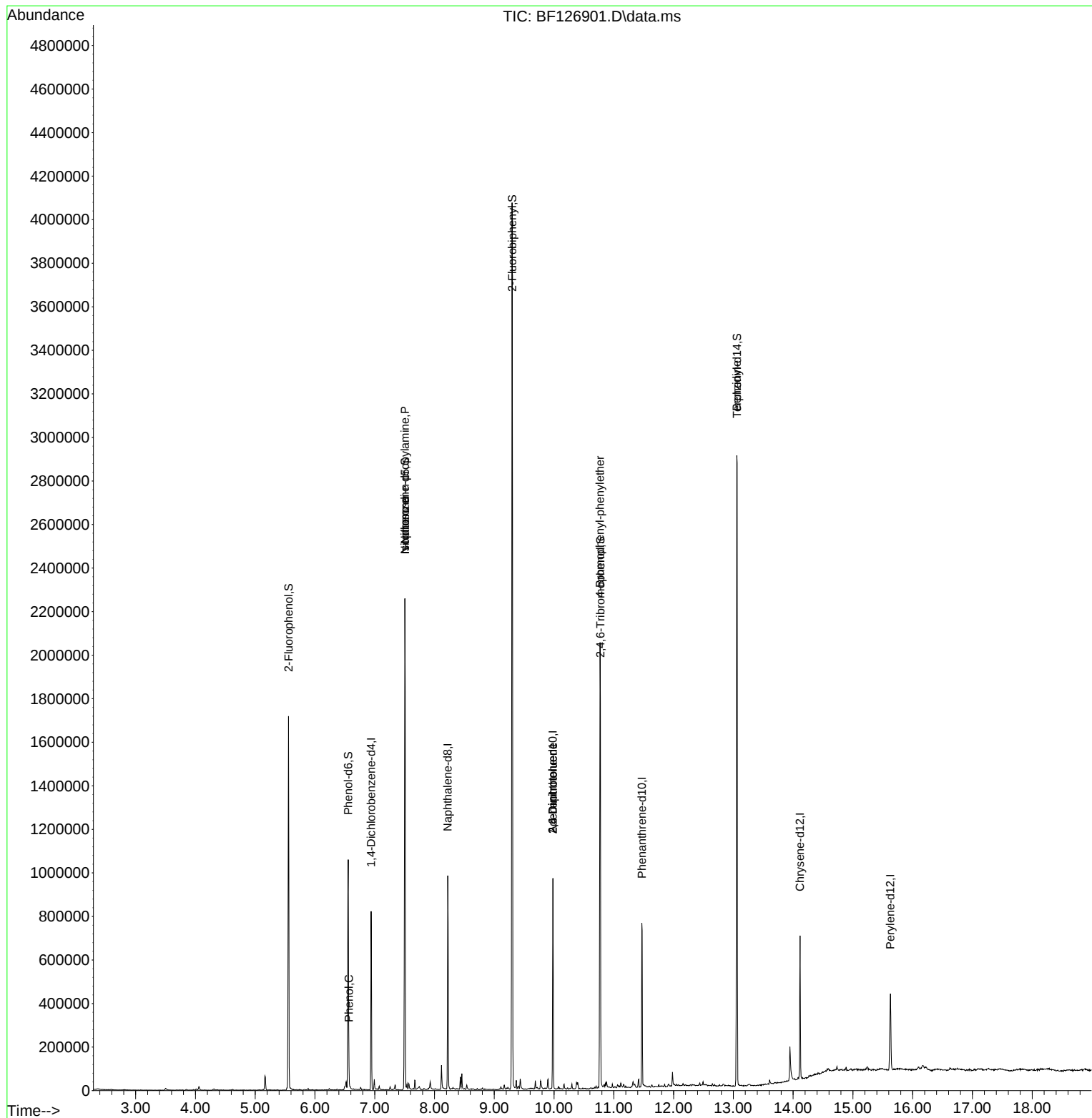
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	103041	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	385112	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	172827	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	263140	20.000	ng	0.00
76) Chrysene-d12	14.116	240	195470	20.000	ng	0.00
86) Perylene-d12	15.627	264	151833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	390904	58.410	ng	0.00
7) Phenol-d6	6.557	99	310114	34.325	ng	0.00
23) Nitrobenzene-d5	7.504	82	760297	91.091	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	230591	124.453	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1094956	95.368	ng	0.00
79) Terphenyl-d14	13.063	244	999736	73.320	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.569	94	20396	2.240	ng	96
19) n-Nitroso-di-n-propyla...	7.504	70	104794	18.316	ng	# 79
25) Isophorone	7.504	82	760288	54.369	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	20915	8.447	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	20915	6.389	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	14154	4.950	ng	# 1
77) Benzidine	13.057	184	15430	3.000	ng	# 95

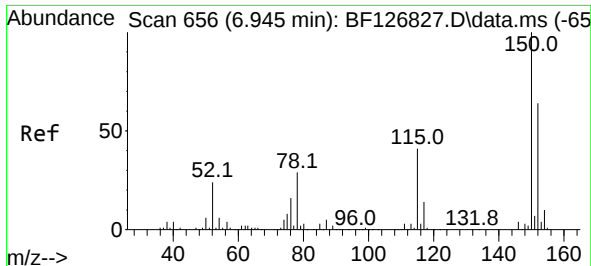
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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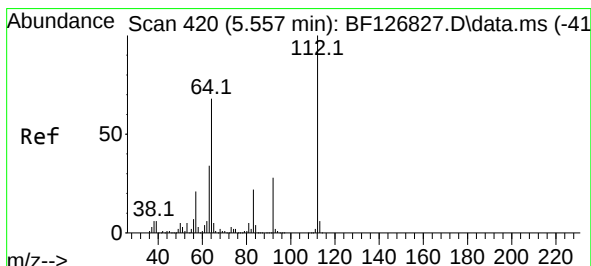
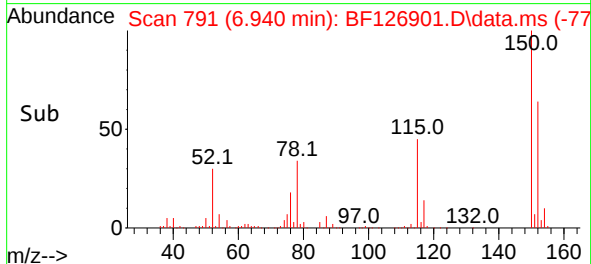
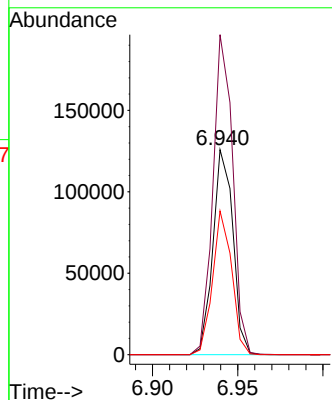
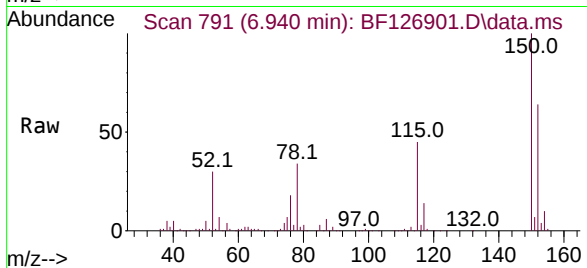




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

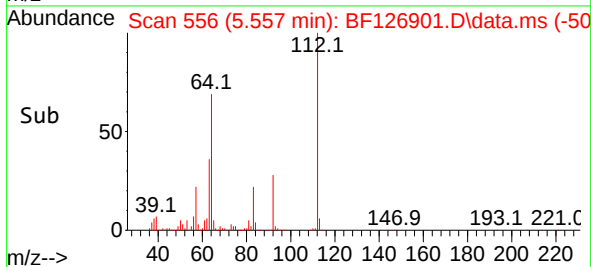
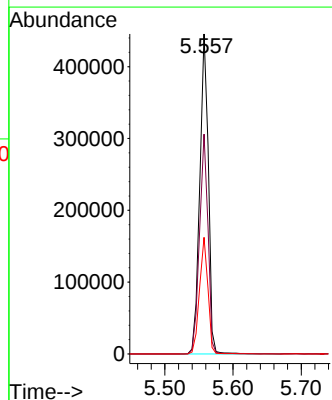
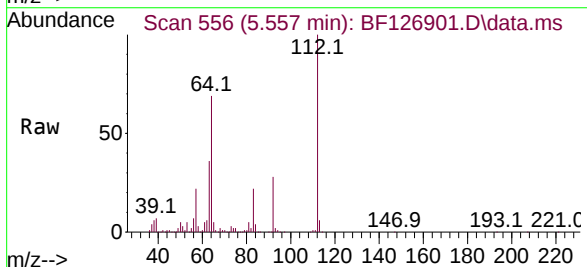
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-8

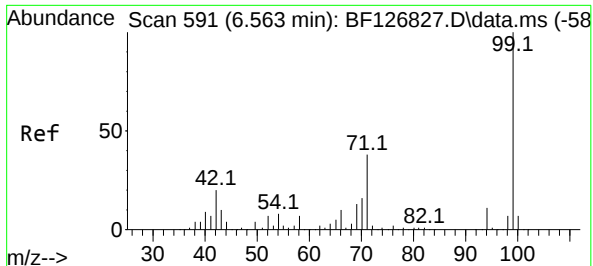
Tgt Ion:152 Resp: 103041
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 70.1 50.5 75.7



#5
2-Fluorophenol
Concen: 58.410 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.000 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Tgt Ion:112 Resp: 390904
Ion Ratio Lower Upper
112 100
64 68.7 54.3 81.5
63 36.4 27.5 41.3





#7

Phenol-d6

Concen: 34.325 ng

RT: 6.557 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126901.D

Acq: 15 Feb 2022 19:40

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-8

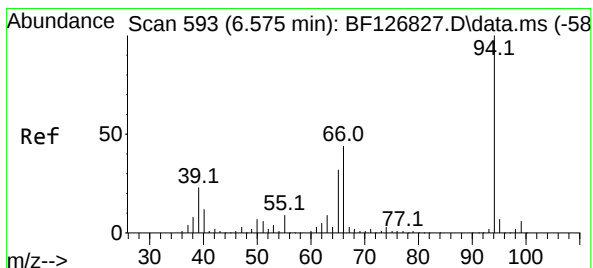
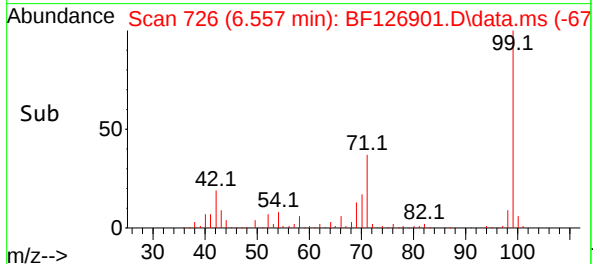
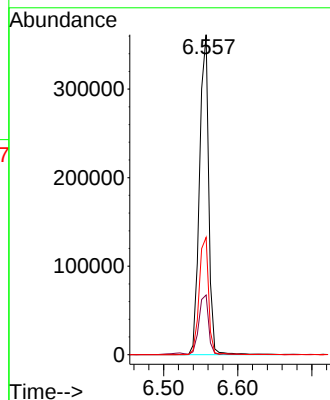
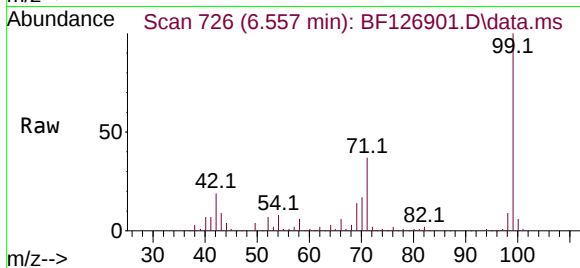
Tgt Ion: 99 Resp: 310114

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

71 36.6 30.6 45.8



#10

Phenol

Concen: 2.240 ng

RT: 6.569 min Scan# 728

Delta R.T. -0.006 min

Lab File: BF126901.D

Acq: 15 Feb 2022 19:40

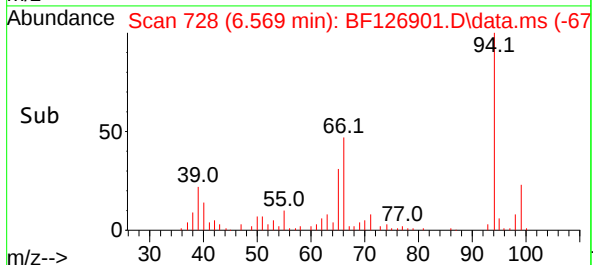
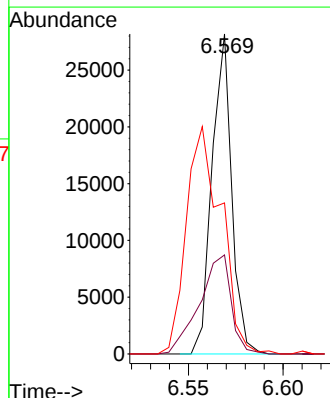
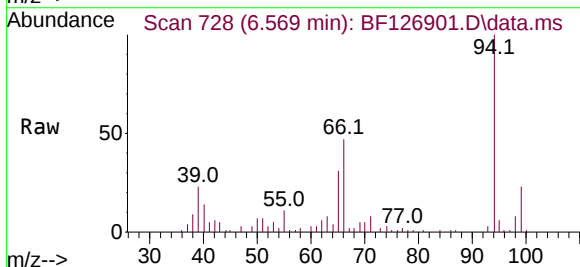
Tgt Ion: 94 Resp: 20396

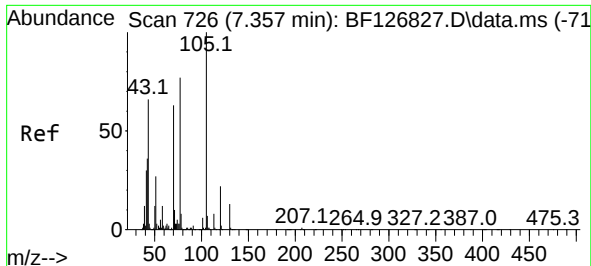
Ion Ratio Lower Upper

94 100

65 30.9 12.1 52.1

66 47.2 23.6 63.6

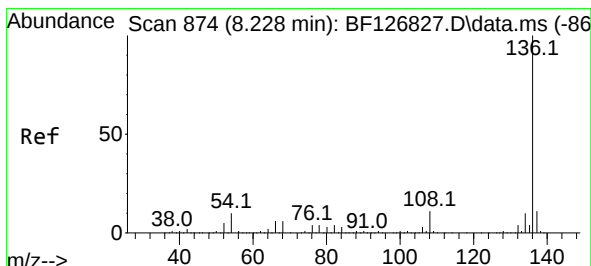
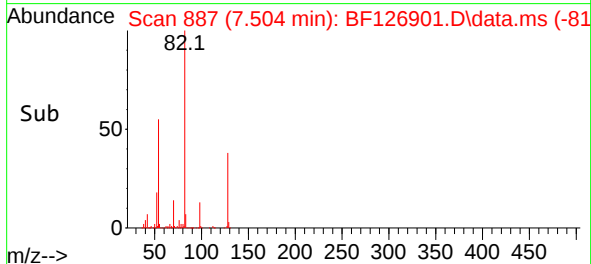
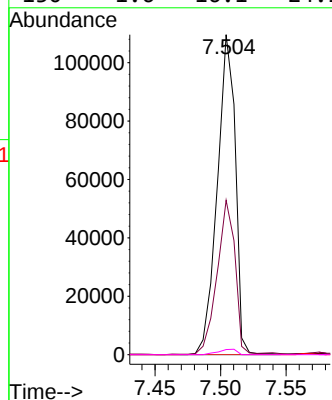
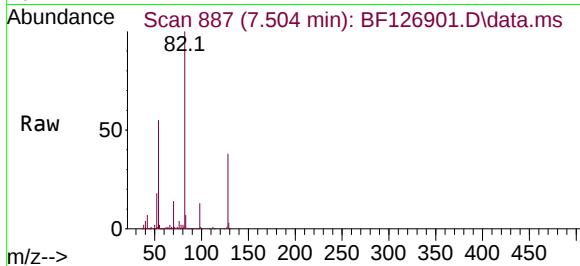




#19
n-Nitroso-di-n-propylamine
Concen: 18.316 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

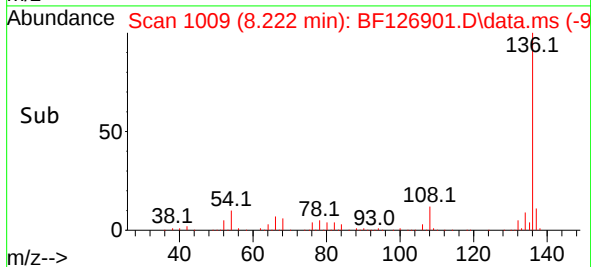
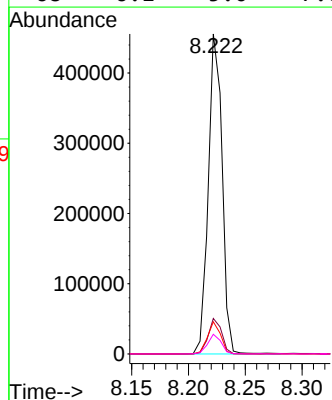
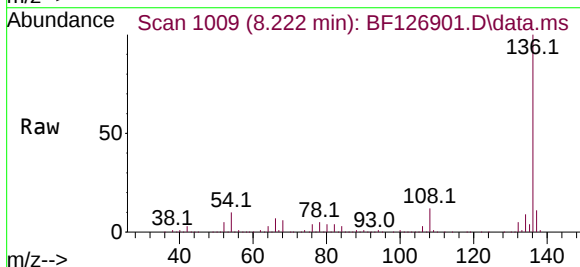
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-8

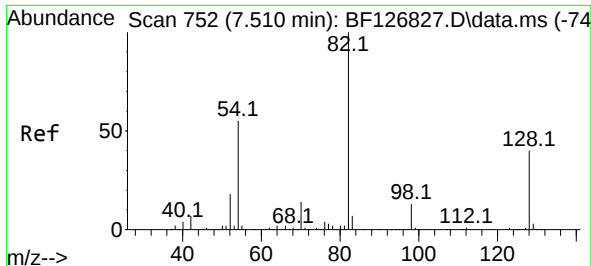
Tgt Ion: 70 Resp: 104794
Ion Ratio Lower Upper
70 100
42 48.3 46.3 69.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Tgt Ion: 136 Resp: 385112
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 8.0 12.0
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.091 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF126901.D

Acq: 15 Feb 2022 19:40

Instrument :

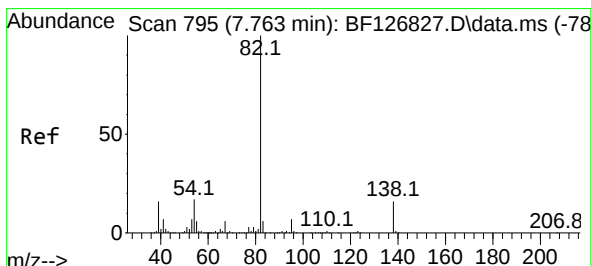
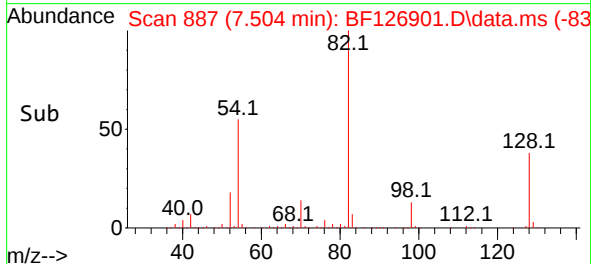
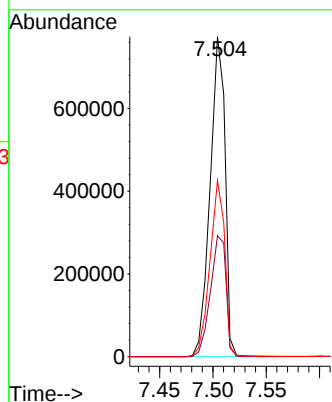
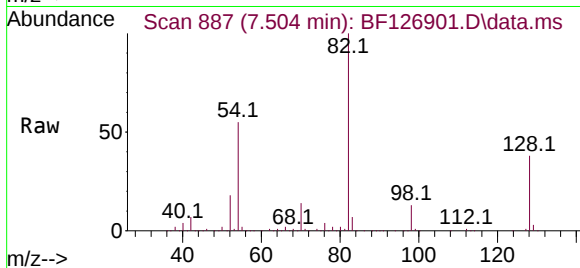
BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-8

Tgt Ion: 82 Resp: 760297

Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.6	47.4
54	55.1	43.7	65.5



#25

Isophorone

Concen: 54.369 ng

RT: 7.504 min Scan# 887

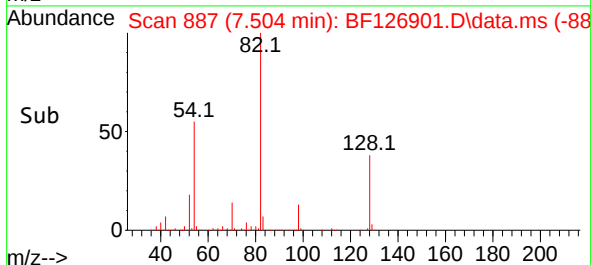
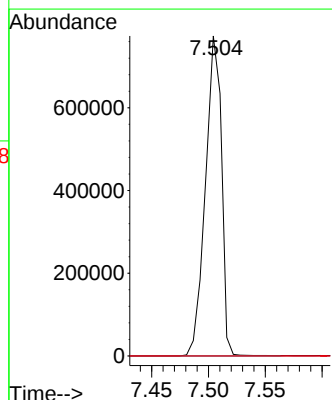
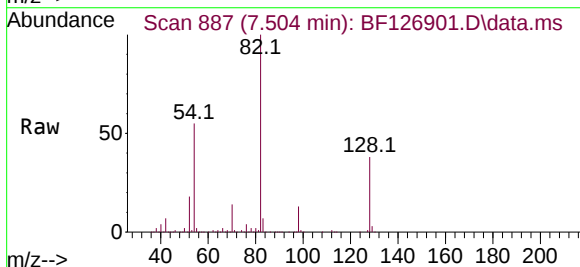
Delta R.T. -0.259 min

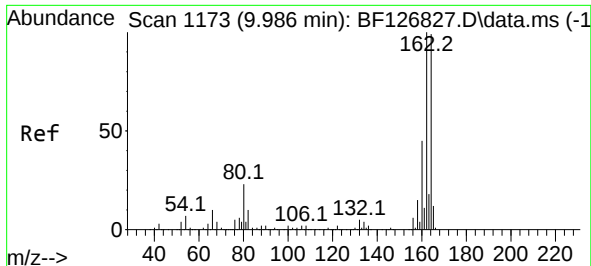
Lab File: BF126901.D

Acq: 15 Feb 2022 19:40

Tgt Ion: 82 Resp: 760288

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: 9.981 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF126901.D

Acq: 15 Feb 2022 19:40

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-COMP-8

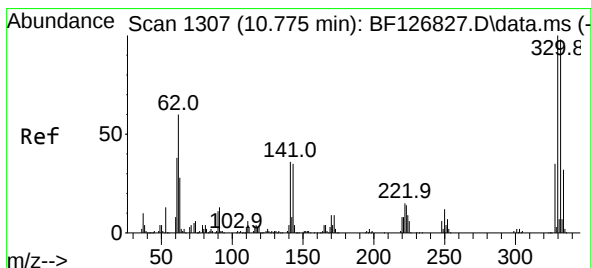
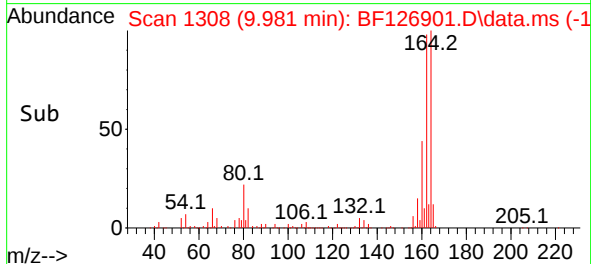
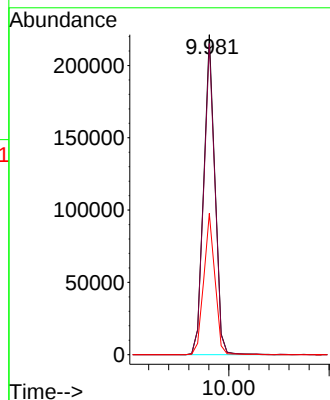
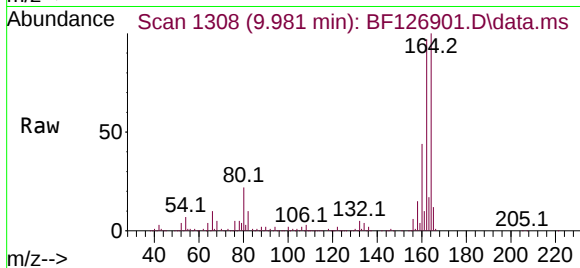
Tgt Ion:164 Resp: 172827

Ion Ratio Lower Upper

164 100

162 97.2 80.9 121.3

160 44.1 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 124.453 ng

RT: 10.775 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF126901.D

Acq: 15 Feb 2022 19:40

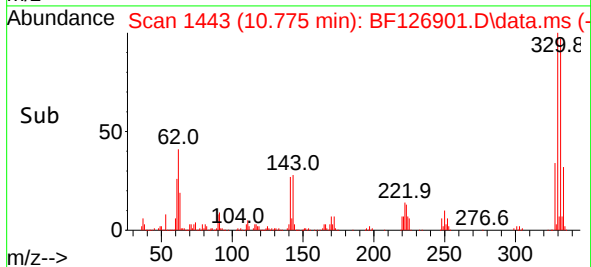
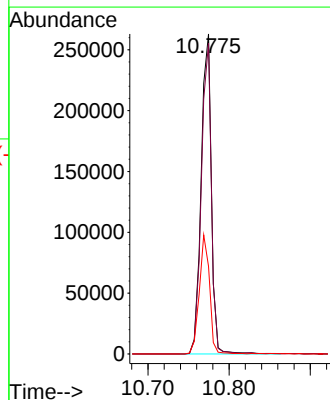
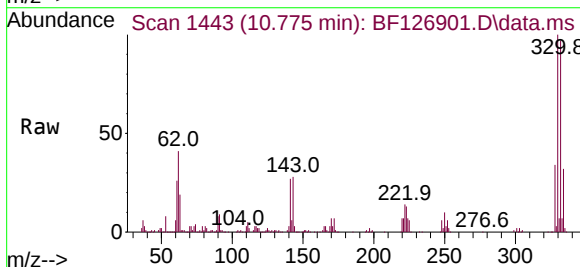
Tgt Ion:330 Resp: 230591

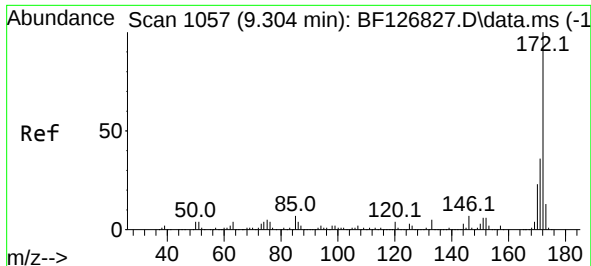
Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.4

141 37.3 31.2 46.8

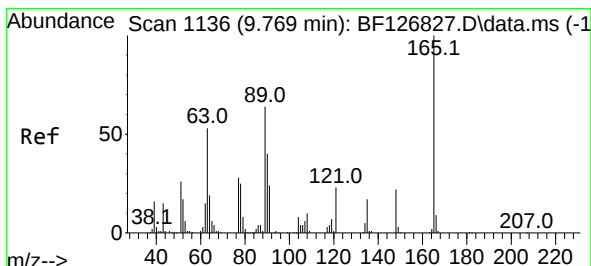
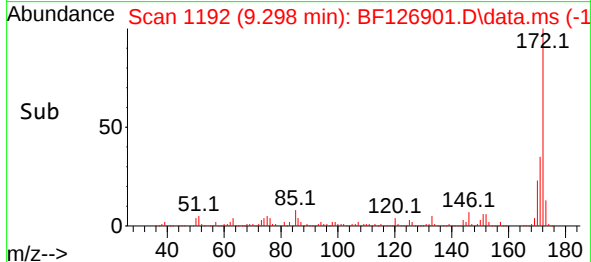
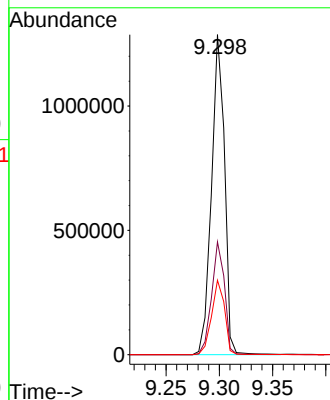
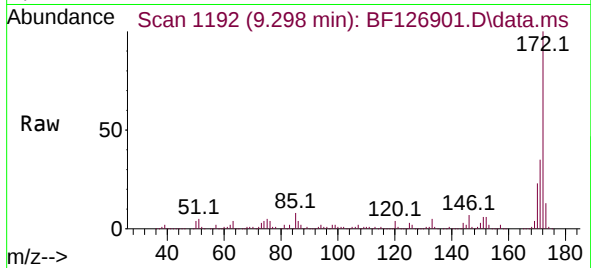




#45
2-Fluorobiphenyl
Concen: 95.368 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

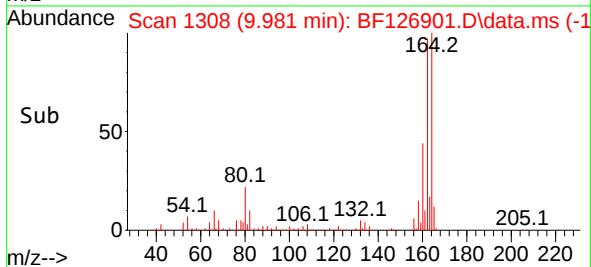
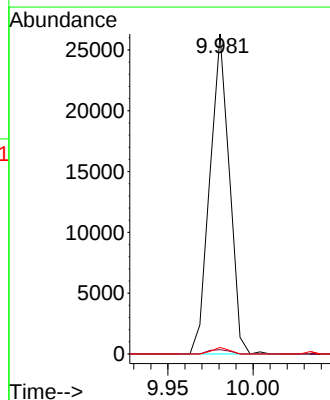
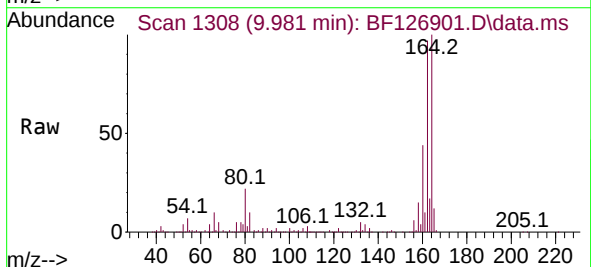
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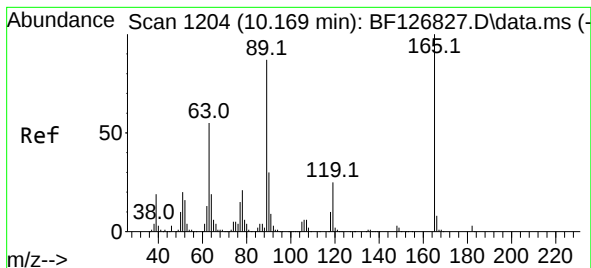
Tgt Ion:172 Resp: 1094956
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.212 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Tgt Ion:165 Resp: 20915
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 2.1 51.0 76.4#

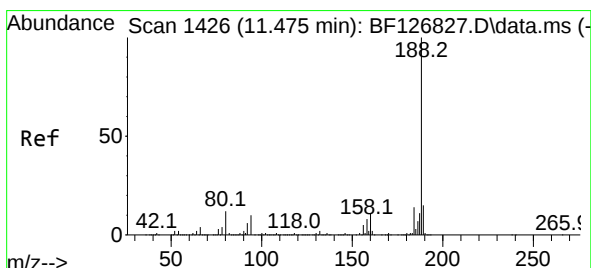
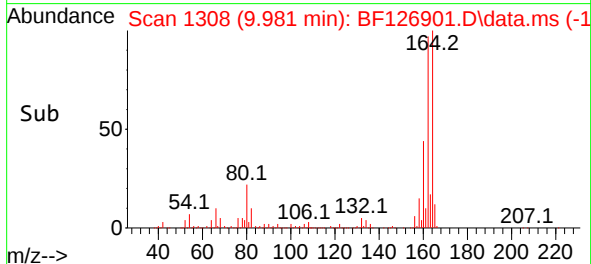
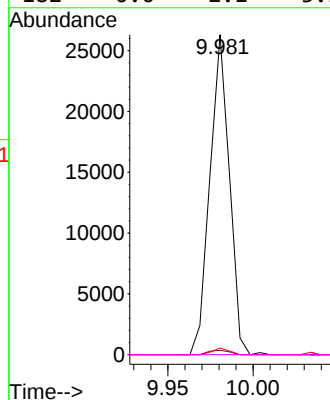
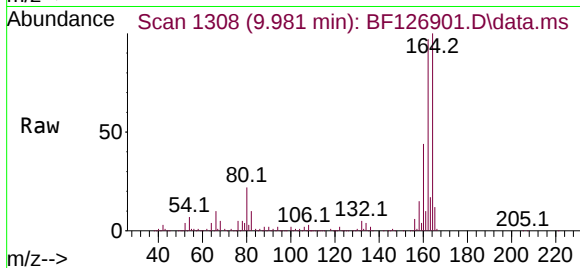




#57
2,4-Dinitrotoluene
Concen: 6.389 ng
RT: 9.981 min Scan# 11561
Delta R.T. -0.188 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

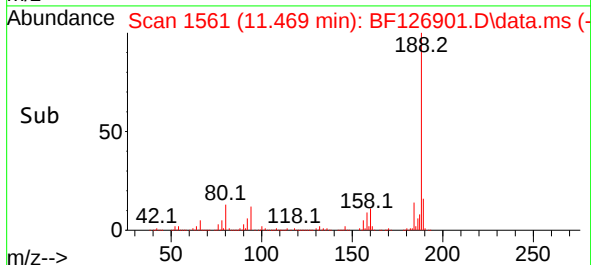
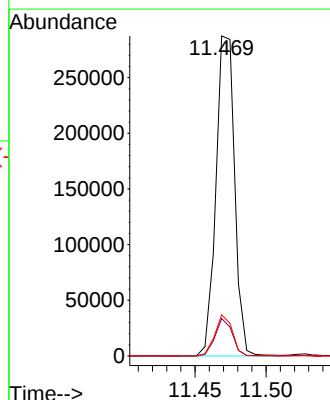
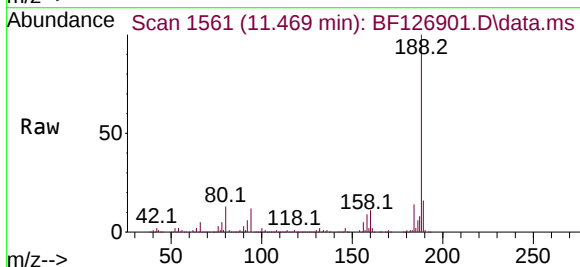
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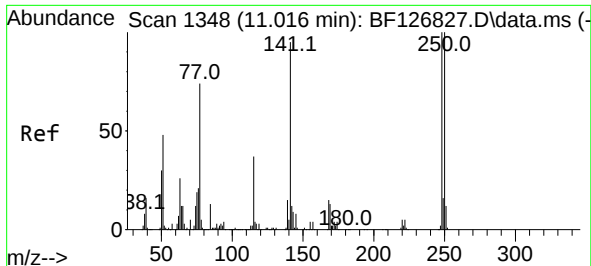
Tgt Ion:165 Resp: 20915
Ion Ratio Lower Upper
165 100
63 1.3 43.9 65.9#
89 2.1 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Tgt Ion:188 Resp: 263140
Ion Ratio Lower Upper
188 100
94 11.7 8.1 12.1
80 12.9 9.5 14.3

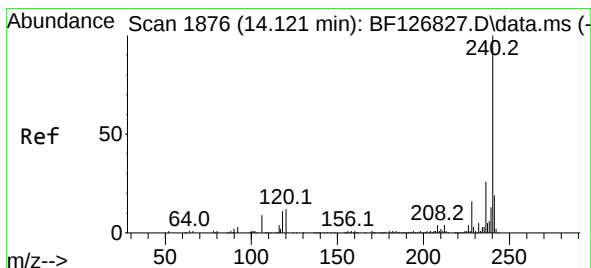
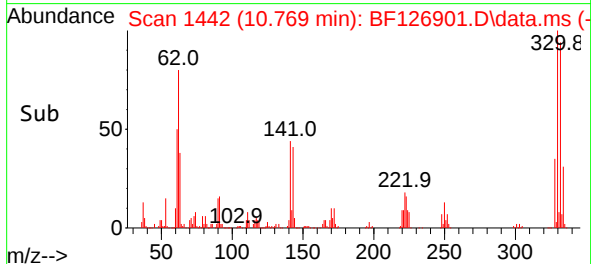
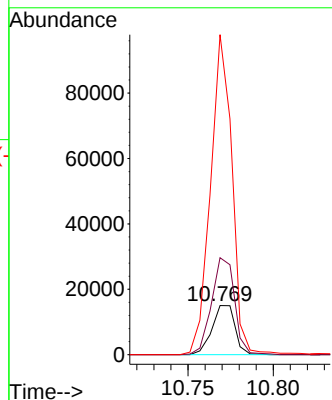
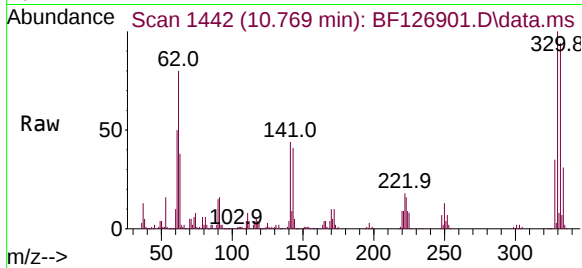




#67
4-Bromophenyl-phenylether
Concen: 4.950 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

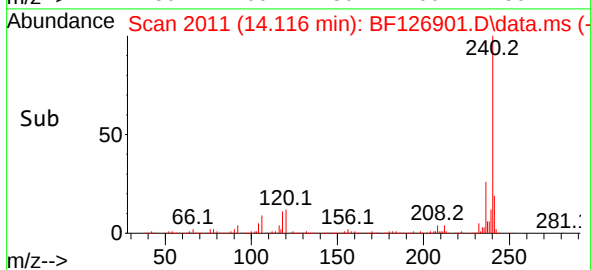
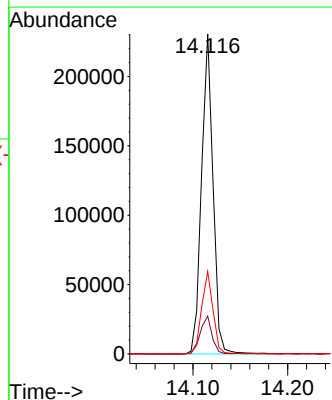
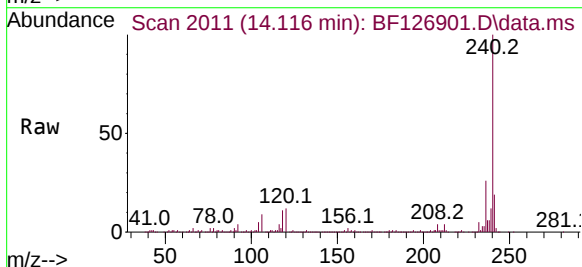
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-8

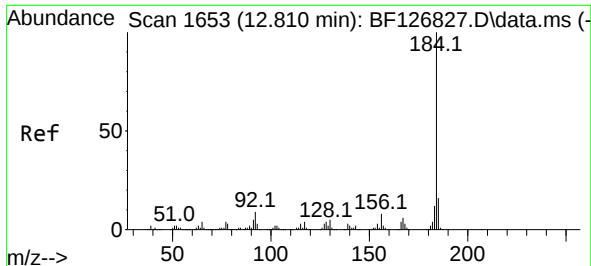
Tgt Ion:248 Resp: 14154
Ion Ratio Lower Upper
248 100
250 197.4 80.0 120.0#
141 652.0 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Tgt Ion:240 Resp: 195470
Ion Ratio Lower Upper
240 100
120 11.9 9.8 14.6
236 25.8 20.5 30.7

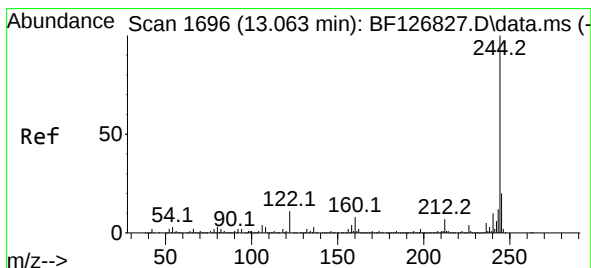
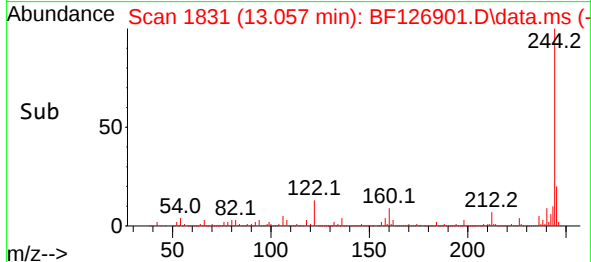
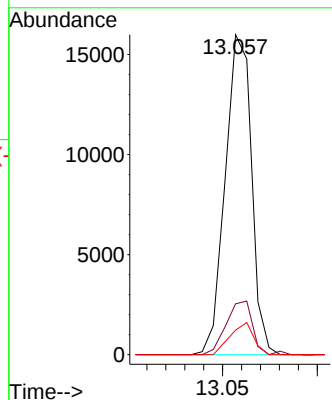
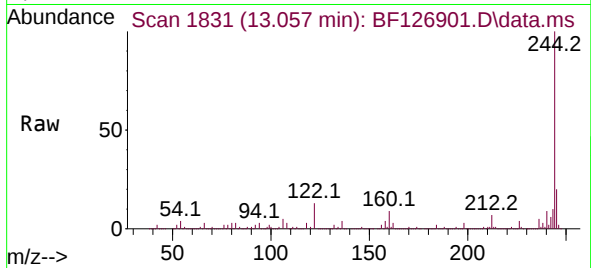




#77
Benzidine
Concen: 3.000 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

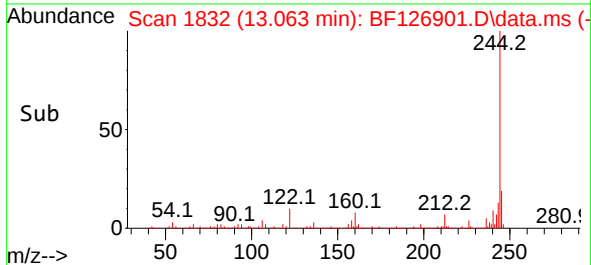
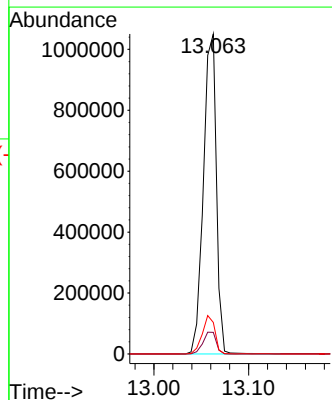
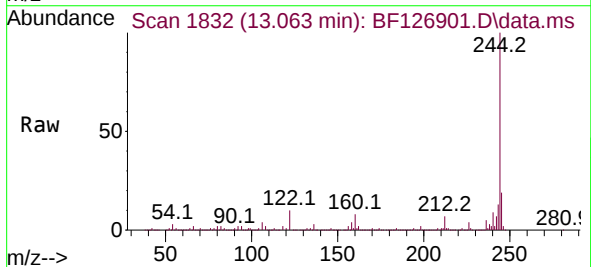
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-8

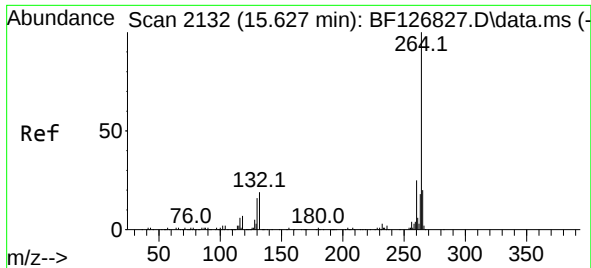
Tgt Ion:184 Resp: 15430
Ion Ratio Lower Upper
184 100
185 15.9 12.5 18.7
183 7.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 73.320 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Tgt Ion:244 Resp: 999736
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 9.8 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126901.D
Acq: 15 Feb 2022 19:40

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-8

Tgt Ion:264 Resp: 151833

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	20.5	15.9	23.9

