

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127942.D
 Acq On : 27 Apr 2022 13:39
 Operator : CG\JU
 Sample : N2563-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER-042622

Quant Time: Apr 27 17:31:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

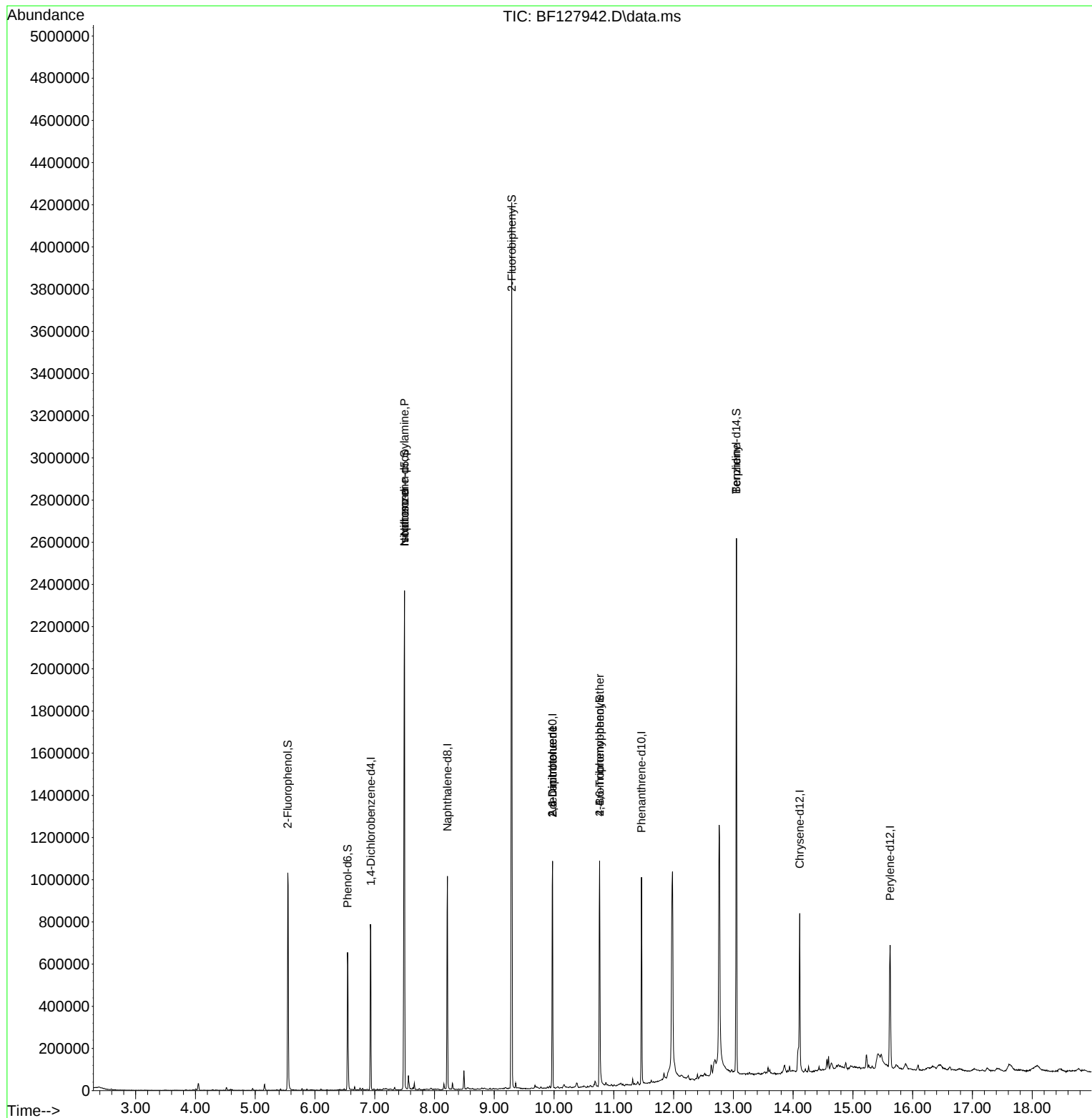
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	111927	20.000	ng	-0.01
21) Naphthalene-d8	8.216	136	415883	20.000	ng	-0.01
39) Acenaphthene-d10	9.975	164	222233	20.000	ng	-0.01
64) Phenanthrene-d10	11.463	188	337409	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	219310	20.000	ng	-0.02
86) Perylene-d12	15.621	264	272761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	274722	39.094	ng	-0.02
7) Phenol-d6	6.545	99	213310	23.394	ng	-0.02
23) Nitrobenzene-d5	7.498	82	824485	93.225	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	127798	57.125	ng	-0.02
45) 2-Fluorobiphenyl	9.292	172	1247841	94.992	ng	-0.01
79) Terphenyl-d14	13.051	244	794267	66.224	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	111892	20.046	ng	# 80
25) Isophorone	7.498	82	824475	55.389	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	28402	8.802	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	28402	6.645	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	7997	2.138	ng	# 1
77) Benzidine	13.051	184	11622	2.801	ng	# 89

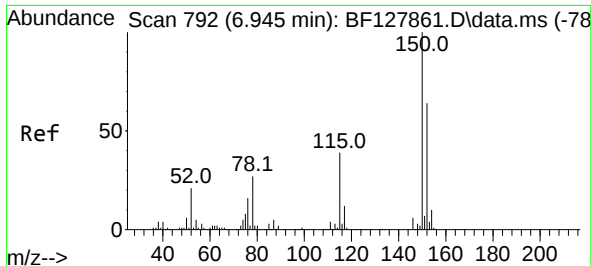
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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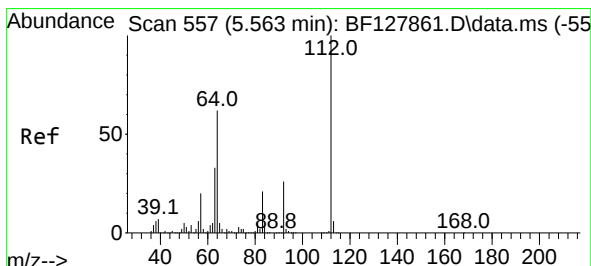
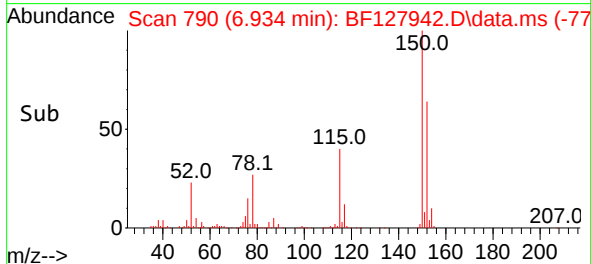
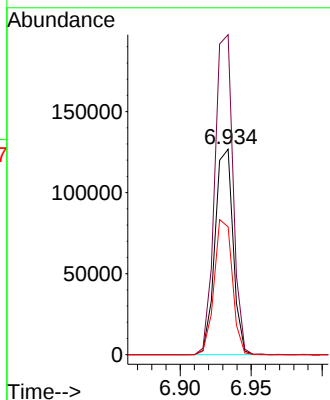
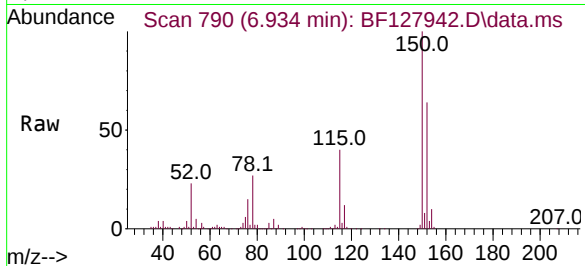




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.011 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

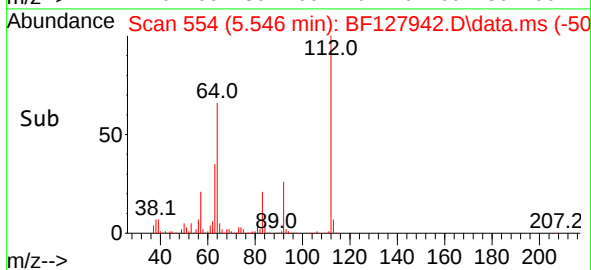
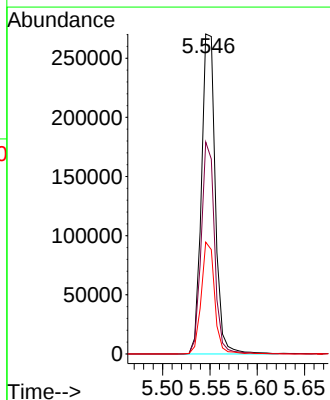
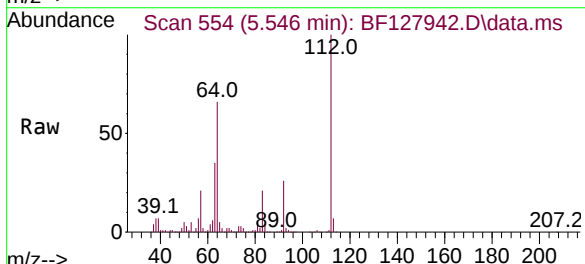
Instrument :
BNA_F
ClientSampleId :
STORM-WATER-042622

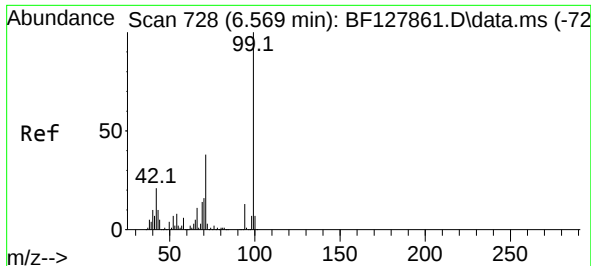
Tgt Ion:152 Resp: 111927
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 62.2 48.8 73.2



#5
2-Fluorophenol
Concen: 39.094 ng
RT: 5.546 min Scan# 554
Delta R.T. -0.018 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:112 Resp: 274722
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.0 26.3 39.5

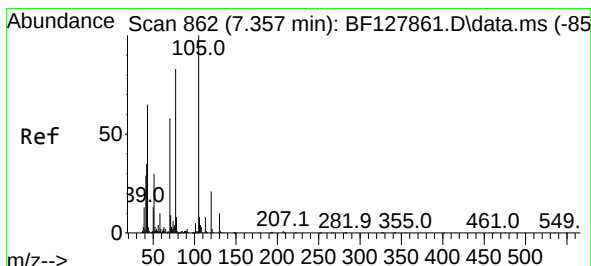
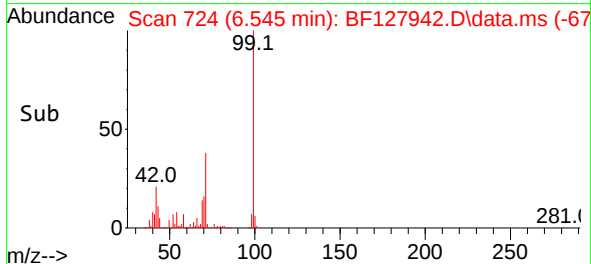
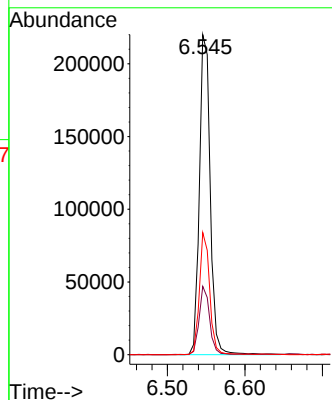
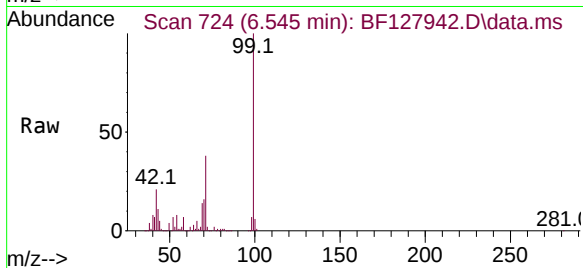




#7
Phenol-d6
Concen: 23.394 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

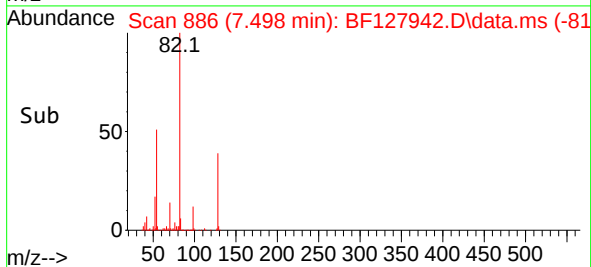
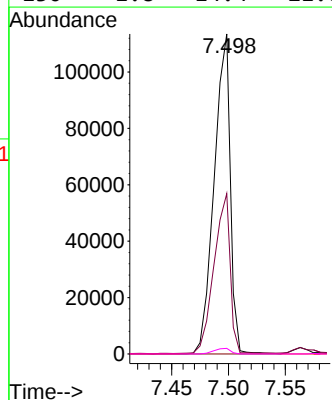
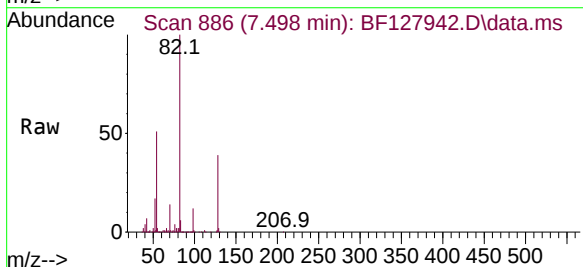
Instrument :
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ClientSampleId :
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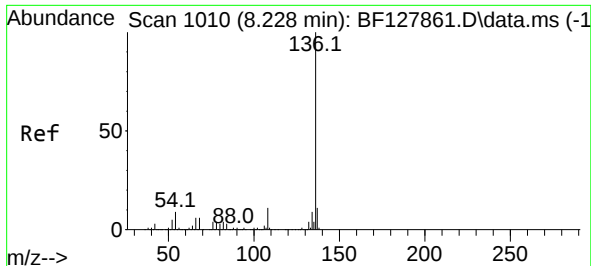
Tgt Ion: 99 Resp: 213310
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 38.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.046 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion: 70 Resp: 111892
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

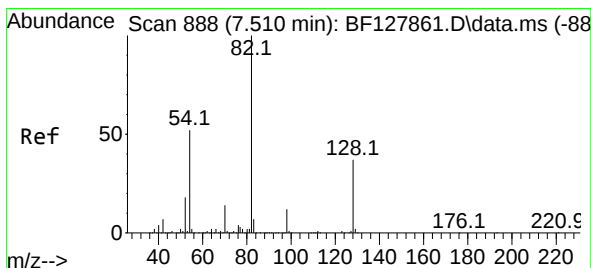
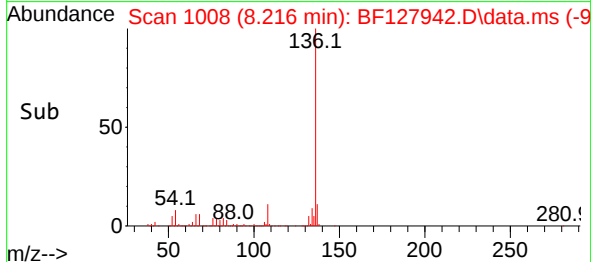
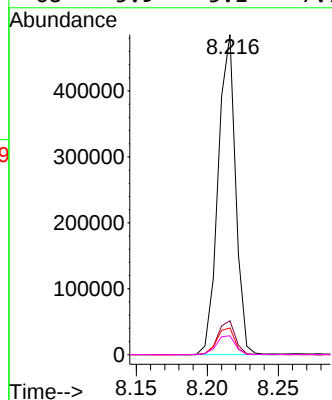
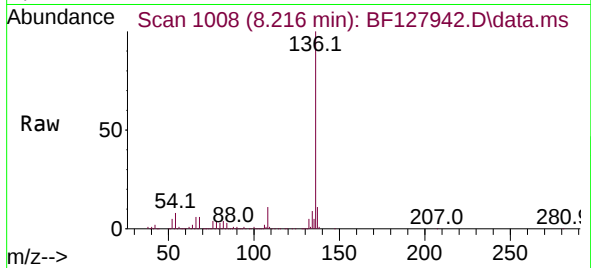




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

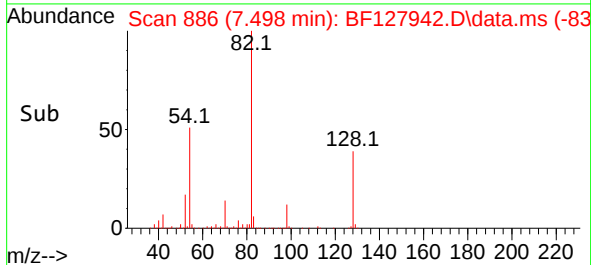
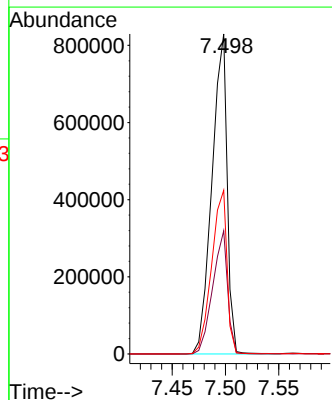
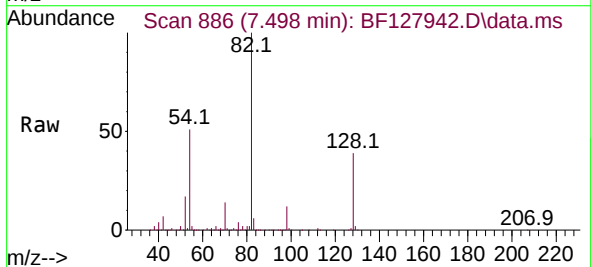
Instrument :
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ClientSampleId :
STORM-WATER-042622

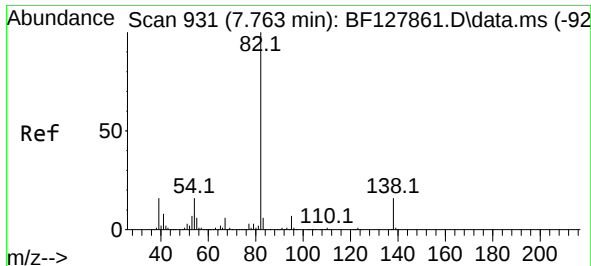
Tgt Ion:	136	Resp:	415883
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.3	6.8	10.2
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 93.225 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:	82	Resp:	824485
Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	51.1	41.3	61.9

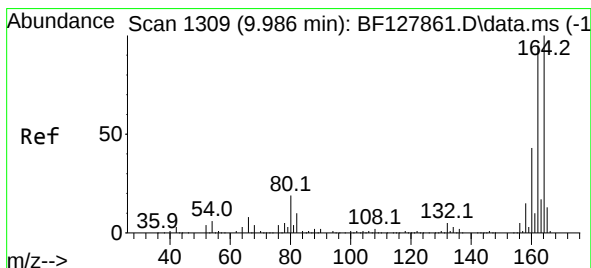
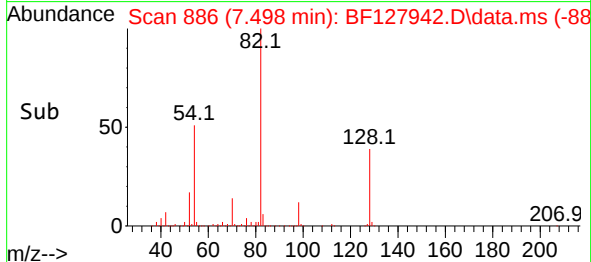
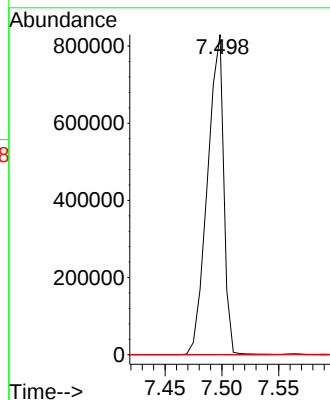
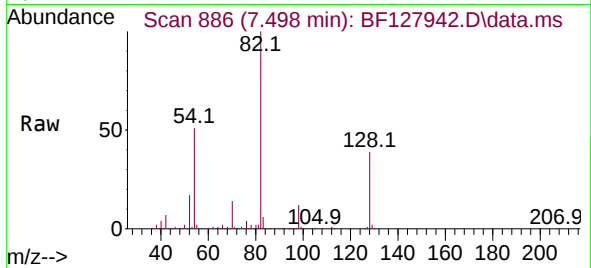




#25
Isophorone
Concen: 55.389 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

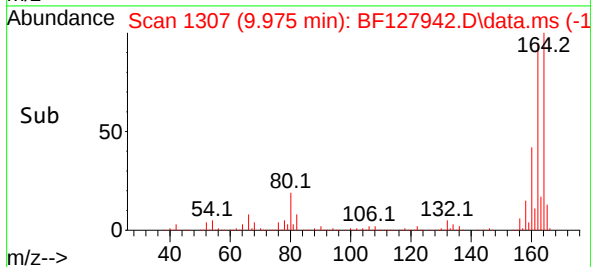
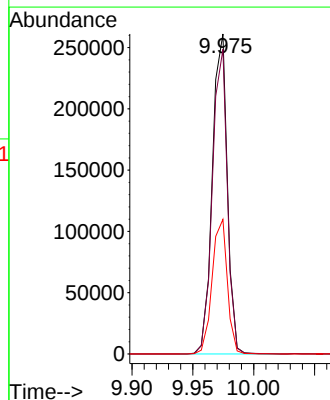
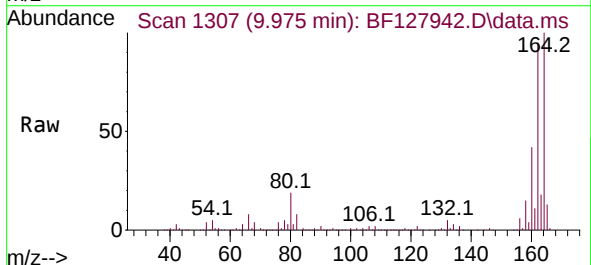
Instrument :
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ClientSampleId :
STORM-WATER-042622

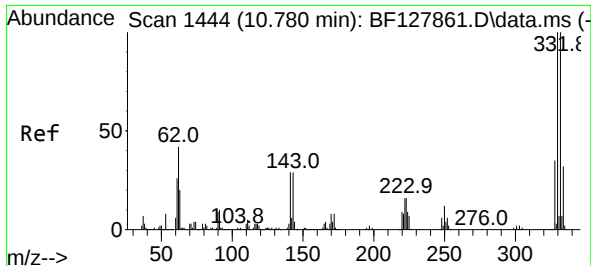
Tgt Ion: 82 Resp: 824475
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:164 Resp: 222233
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 42.1 34.8 52.2

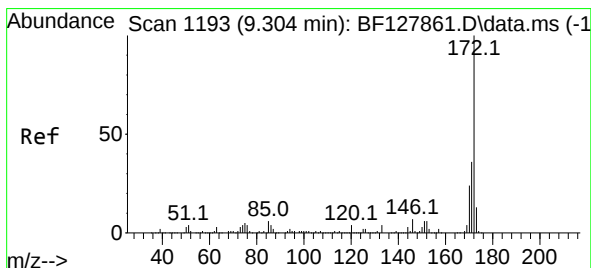
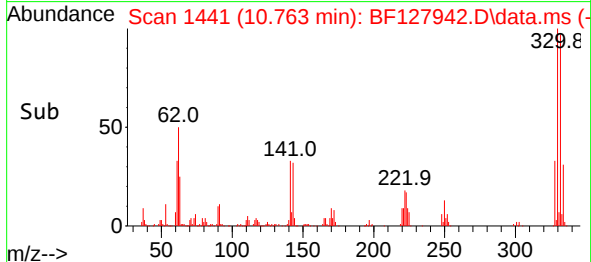
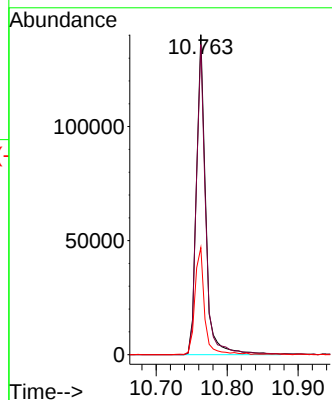
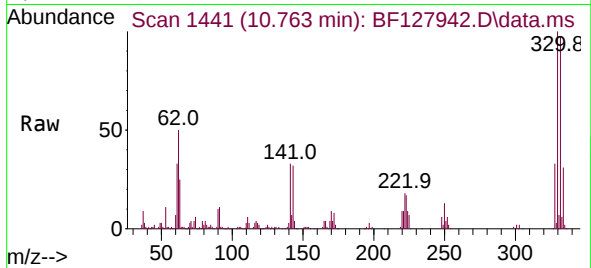




#42
2,4,6-Tribromophenol
Concen: 57.125 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

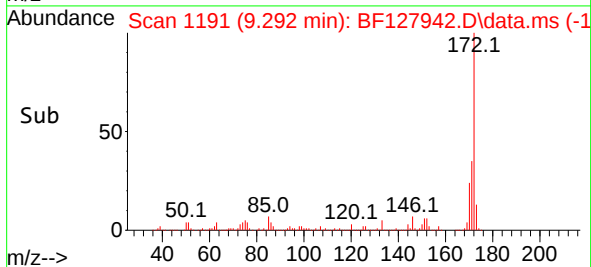
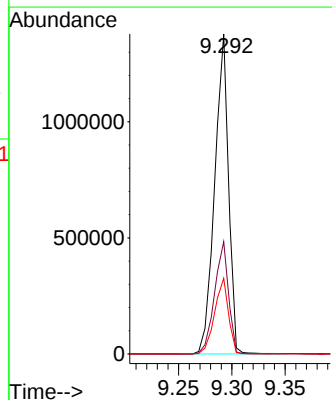
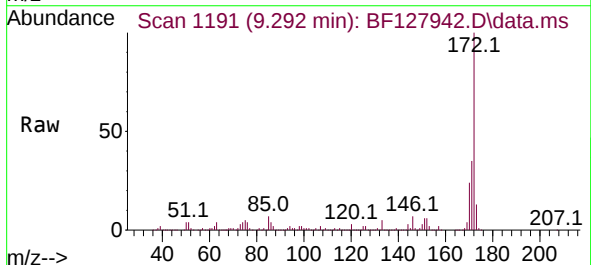
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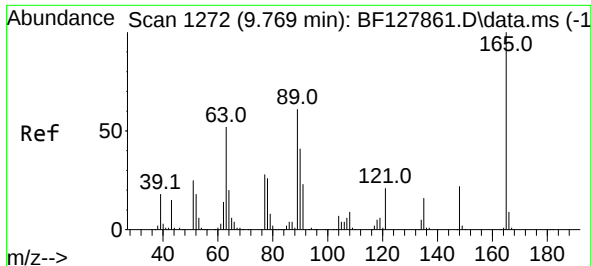
Tgt Ion:330 Resp: 127798
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.4
141 35.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 94.992 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:172 Resp: 1247841
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.7 19.1 28.7

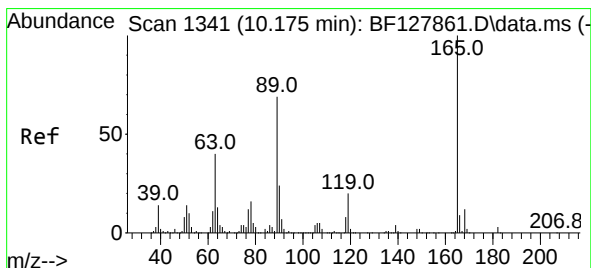
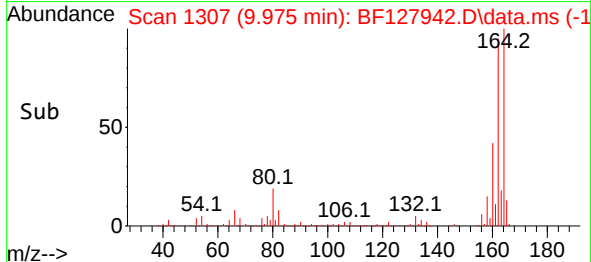
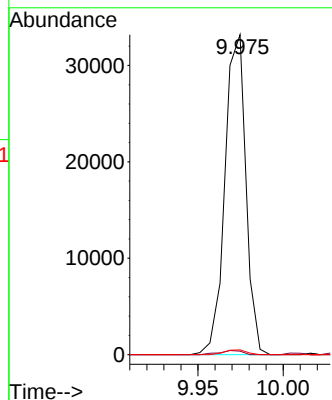
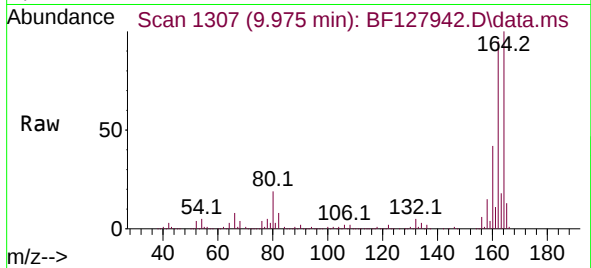




#51
2,6-Dinitrotoluene
Concen: 8.802 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

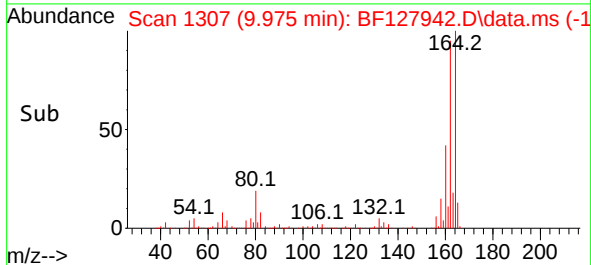
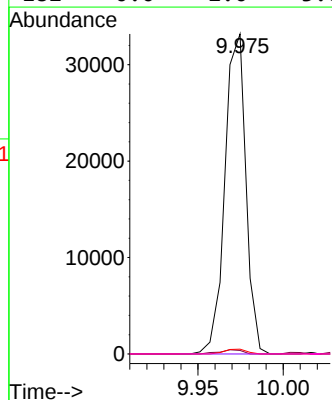
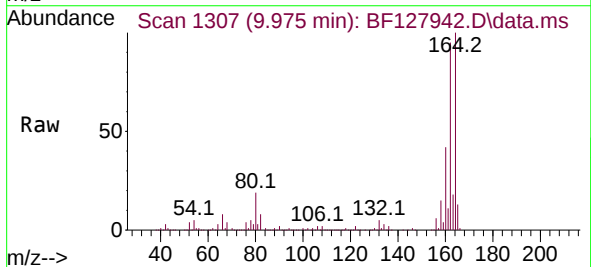
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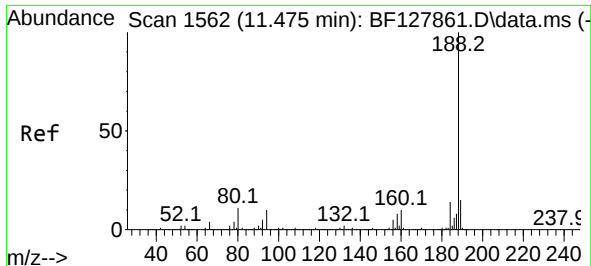
Tgt Ion:165 Resp: 28402
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.200 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:165 Resp: 28402
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

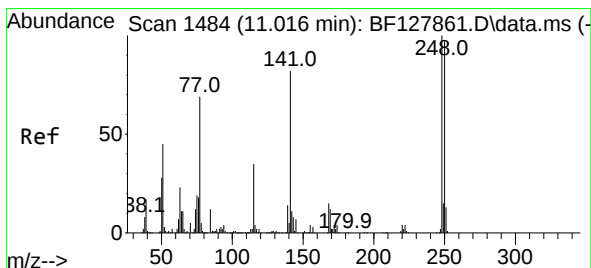
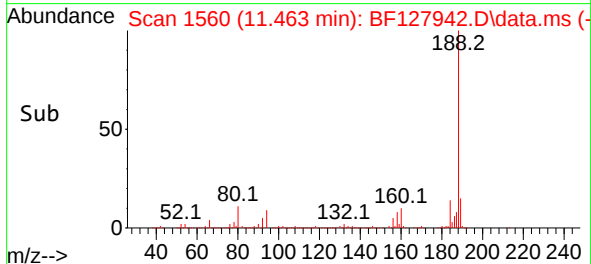
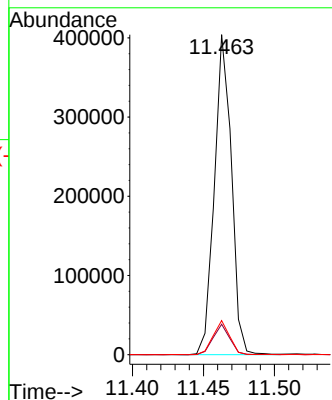
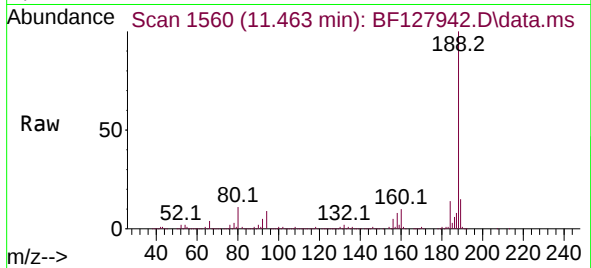




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

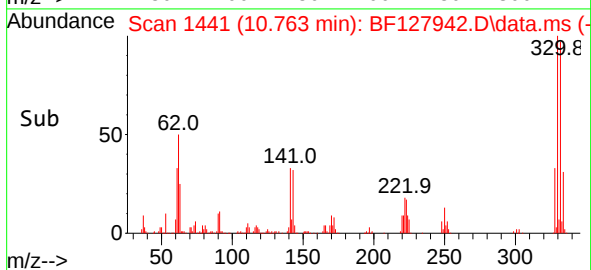
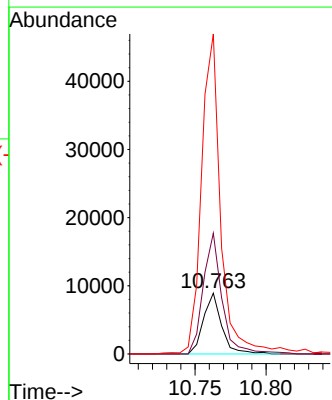
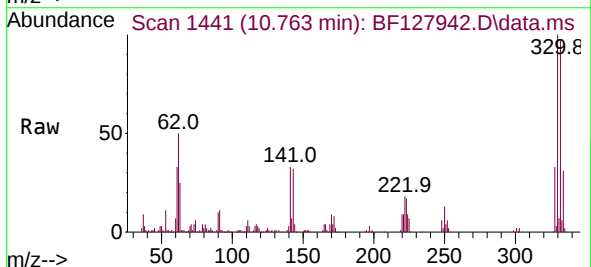
Instrument :
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ClientSampleId :
STORM-WATER-042622

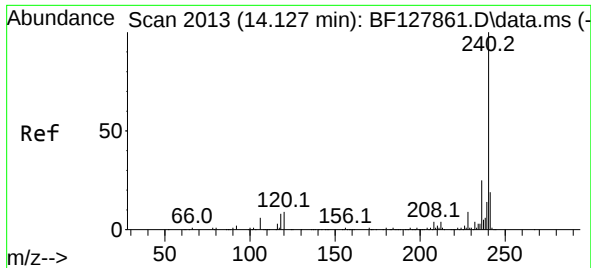
Tgt Ion:188 Resp: 337409
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.138 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.253 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:248 Resp: 7997
Ion Ratio Lower Upper
248 100
250 198.6 77.7 116.5#
141 526.0 65.6 98.4#

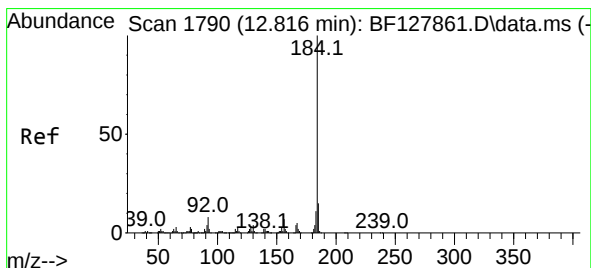
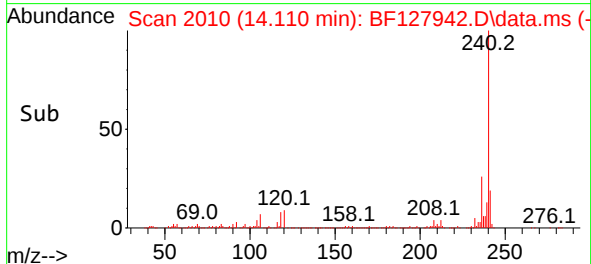
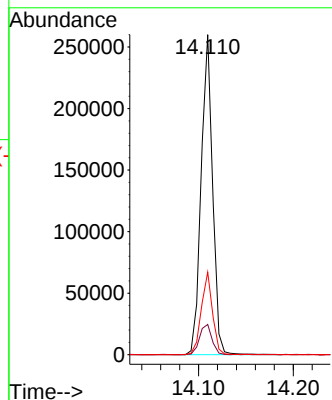
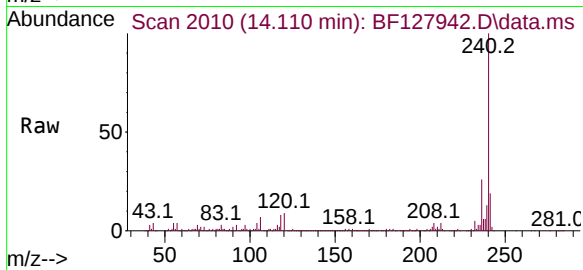




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

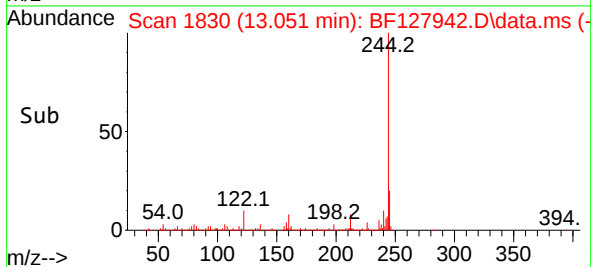
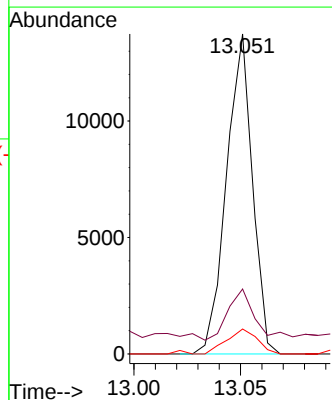
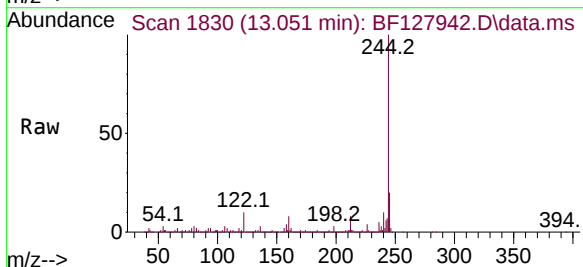
Instrument :
BNA_F
ClientSampleId :
STORM-WATER-042622

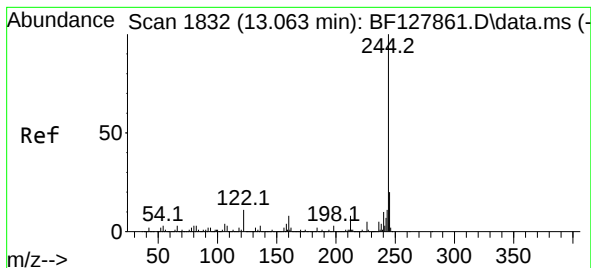
Tgt Ion:240 Resp: 219310
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.801 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.235 min
Lab File: BF127942.D
Acq: 27 Apr 2022 13:39

Tgt Ion:184 Resp: 11622
Ion Ratio Lower Upper
184 100
185 20.3 12.1 18.1#
183 7.8 9.0 13.4#





#79

Terphenyl-d14

Concen: 66.224 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BF127942.D

Acq: 27 Apr 2022 13:39

Instrument :

BNA_F

ClientSampleId :

STORM-WATER-042622

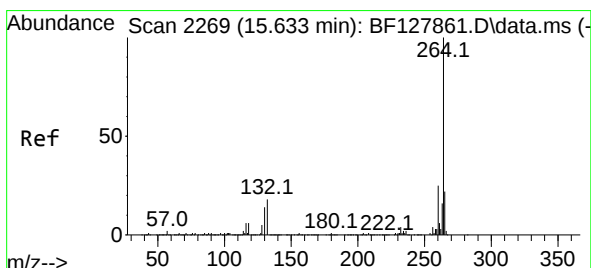
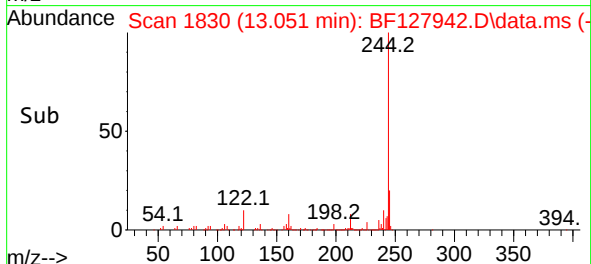
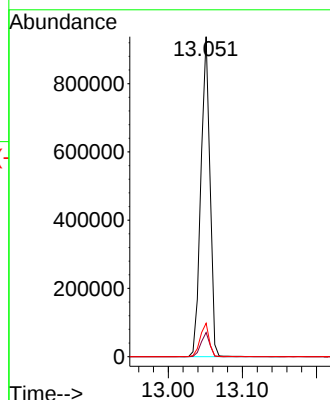
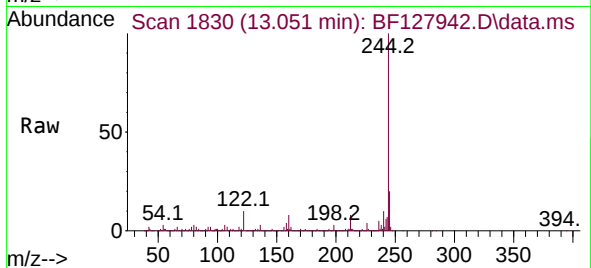
Tgt Ion:244 Resp: 794267

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 10.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF127942.D

Acq: 27 Apr 2022 13:39

Tgt Ion:264 Resp: 272761

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 21.6 17.5 26.3

