

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130448.D
 Acq On : 28 Sep 2022 15:04
 Operator : CG\JU
 Sample : N4815-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-2

Quant Time: Sep 29 02:14:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

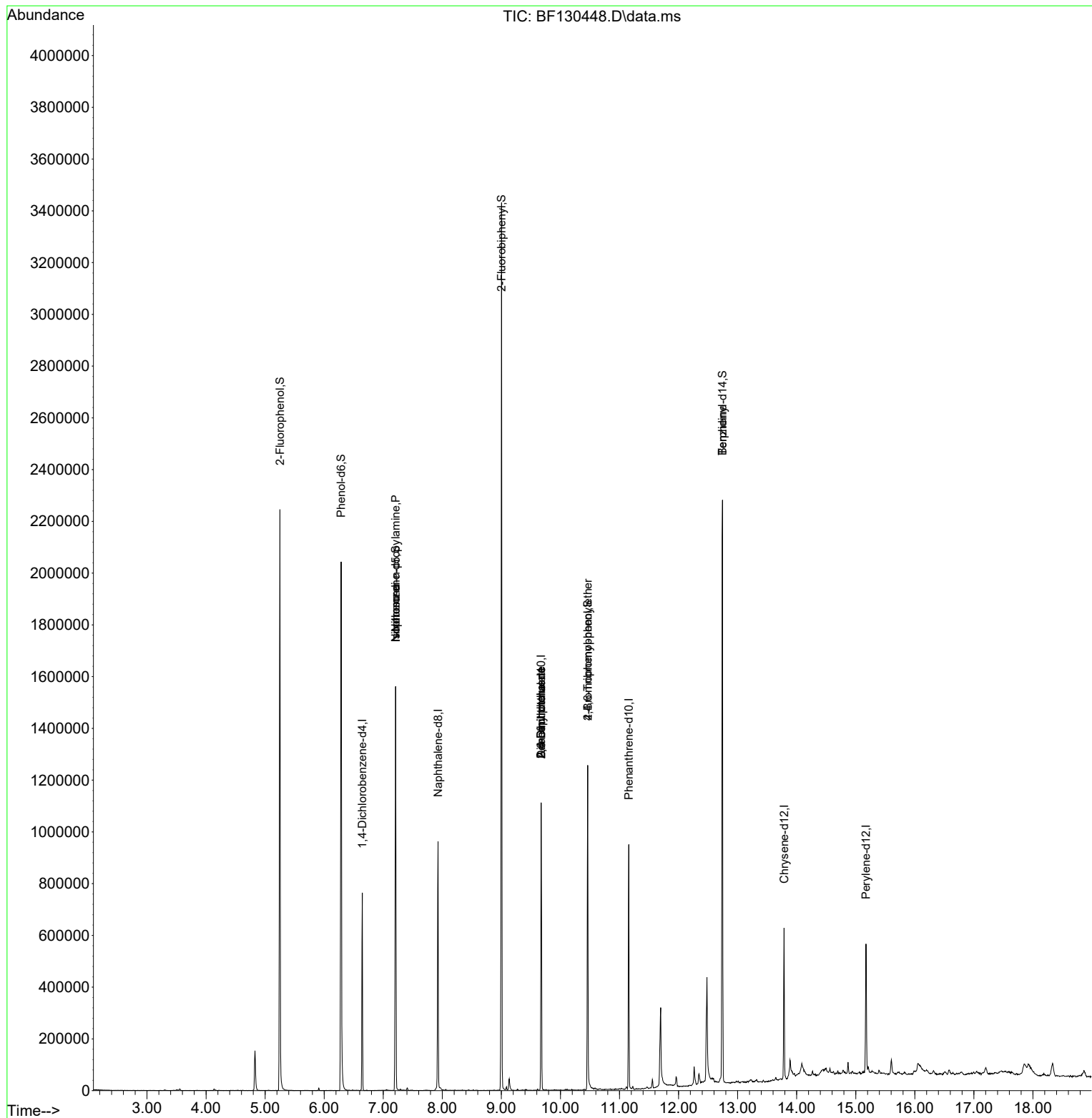
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	102719	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	399684	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	201415	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	317075	20.000	ng	0.00
76) Chrysene-d12	13.786	240	174571	20.000	ng	0.00
86) Perylene-d12	15.174	264	202569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	610079	103.015	ng	0.00
7) Phenol-d6	6.286	99	761945	102.825	ng	0.00
23) Nitrobenzene-d5	7.210	82	487568	62.322	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	145318	75.297	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	951956	68.825	ng	0.00
79) Terphenyl-d14	12.745	244	776810	73.711	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	66016	13.203	ng	# 73
25) Isophorone	7.210	82	484502	38.424	ng	# 66
50) Dimethylphthalate	9.675	163	38388	2.759	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	26096	8.969	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	26096	7.018	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	8864	2.534	ng	# 1
77) Benzidine	12.745	184	11353	2.240	ng	# 90

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

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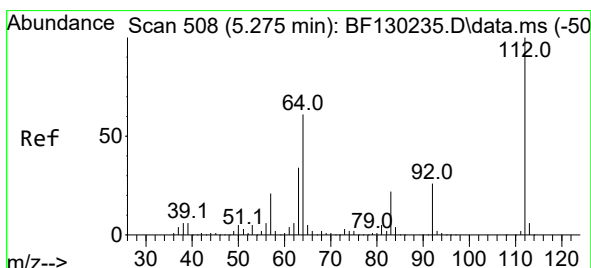
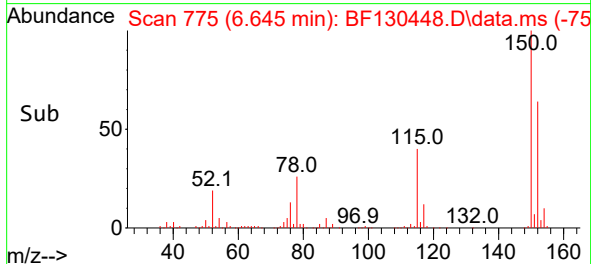
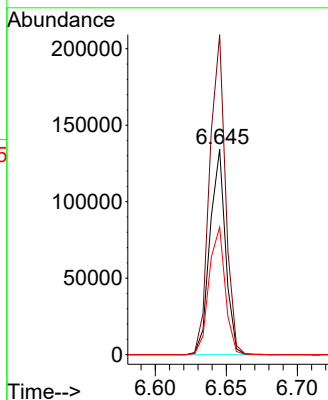
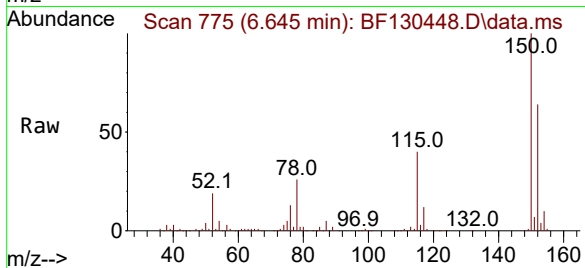




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130448.D
 Acq: 28 Sep 2022 15:04

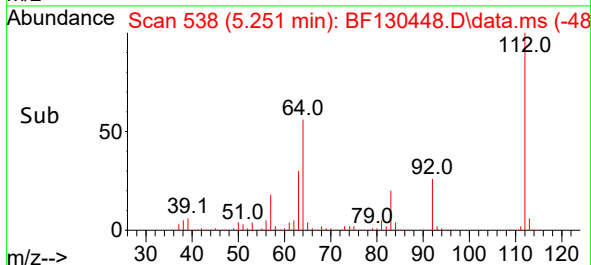
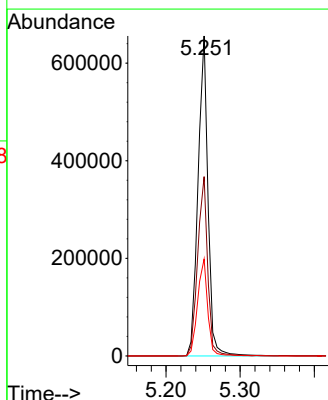
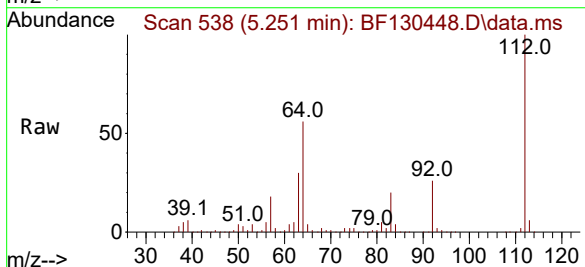
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-2

Tgt Ion:152 Resp: 102719
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.8 184.2
 115 62.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 103.015 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130448.D
 Acq: 28 Sep 2022 15:04

Tgt Ion:112 Resp: 610079
 Ion Ratio Lower Upper
 112 100
 64 56.1 51.4 77.0
 63 30.3 28.8 43.2

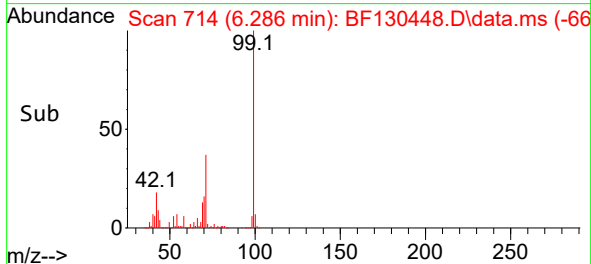
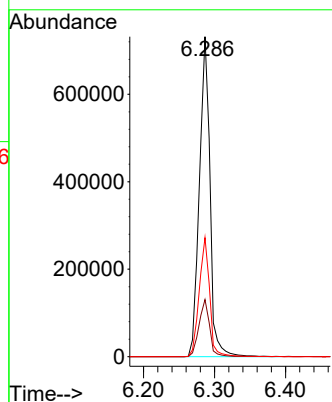
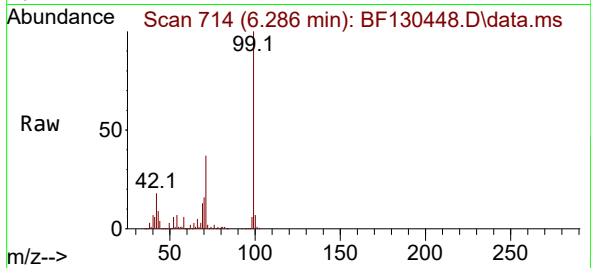




#7
Phenol-d6
Concen: 102.825 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

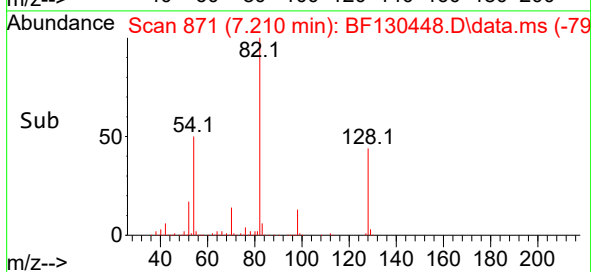
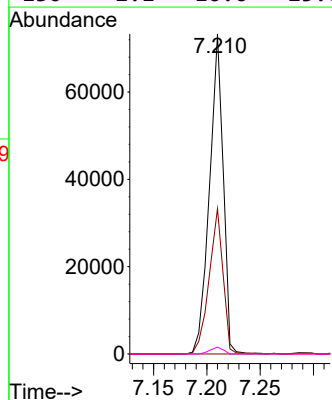
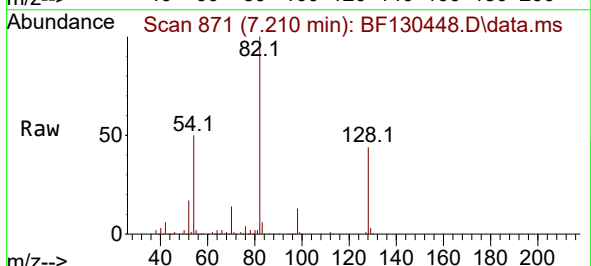
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BNA_F
ClientSampleId :
SAND-FILTER-2

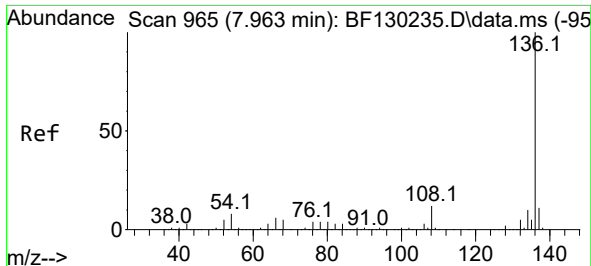
Tgt Ion: 99 Resp: 761945
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.203 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion: 70 Resp: 66016
Ion Ratio Lower Upper
70 100
42 45.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

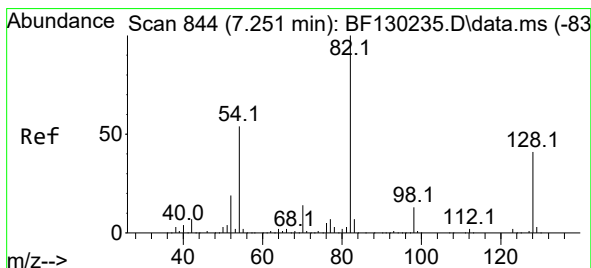
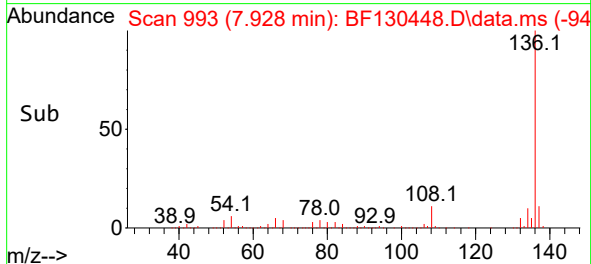
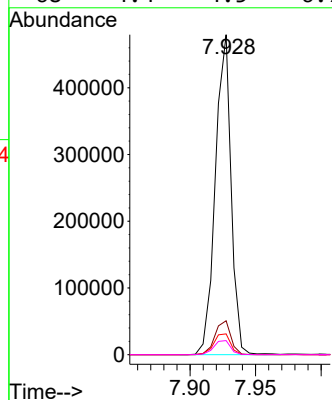
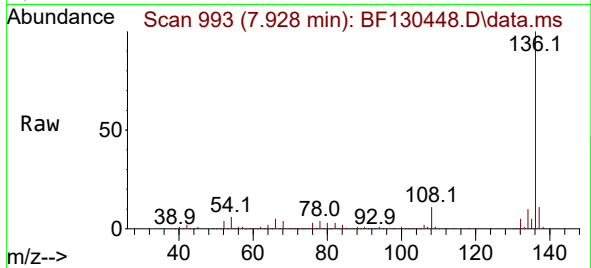




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

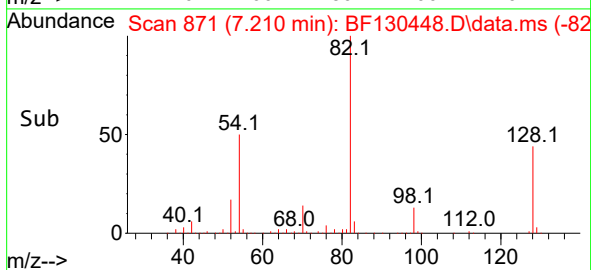
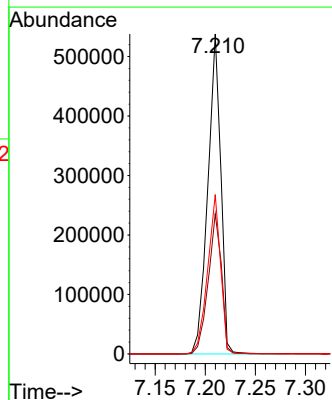
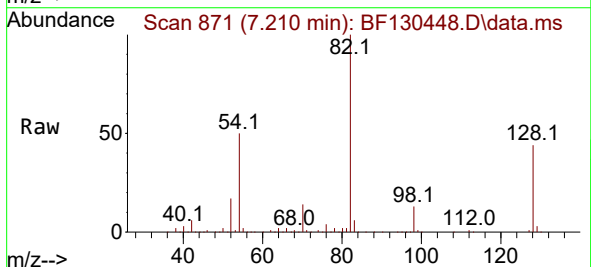
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-2

Tgt Ion:136 Resp: 399684
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.5 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 62.322 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion: 82 Resp: 487568
Ion Ratio Lower Upper
82 100
128 43.8 32.6 49.0
54 49.8 43.8 65.6

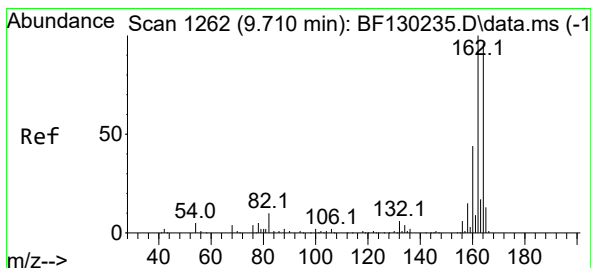
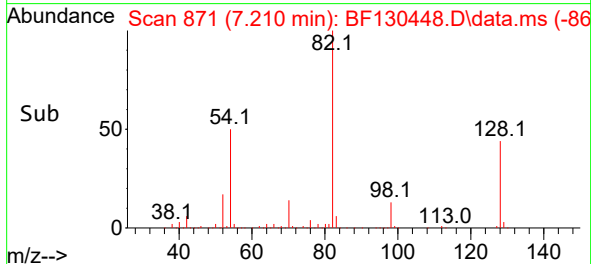
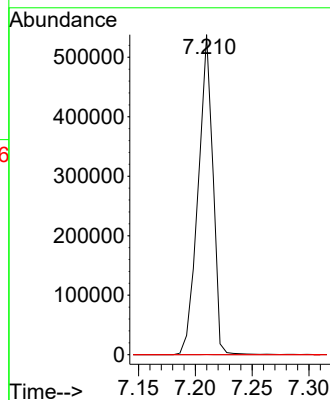
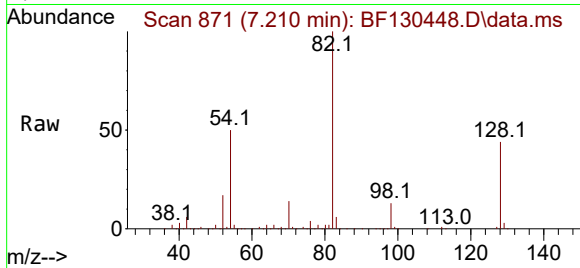




#25
Isophorone
Concen: 38.424 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

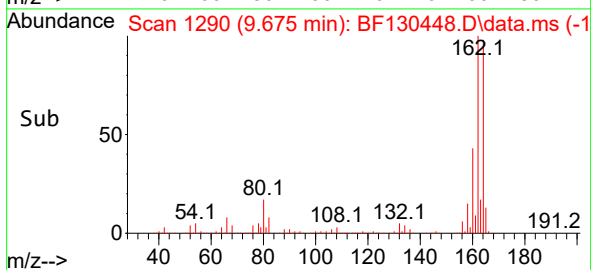
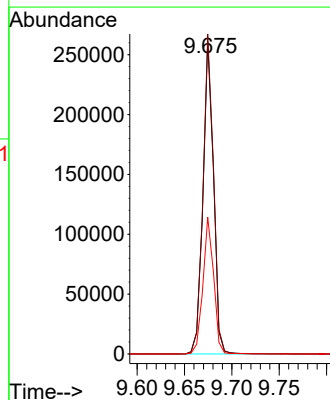
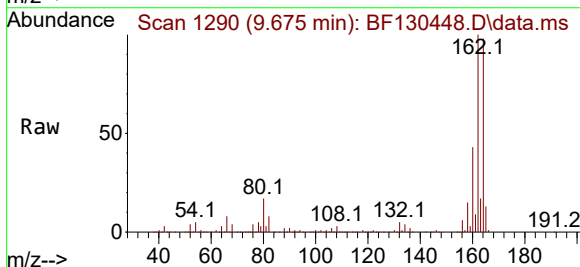
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BNA_F
ClientSampleId :
SAND-FILTER-2

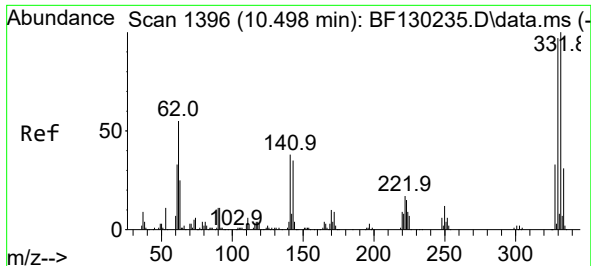
Tgt Ion: 82 Resp: 484502
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion: 164 Resp: 201415
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 75.297 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130448.D

Acq: 28 Sep 2022 15:04

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-2

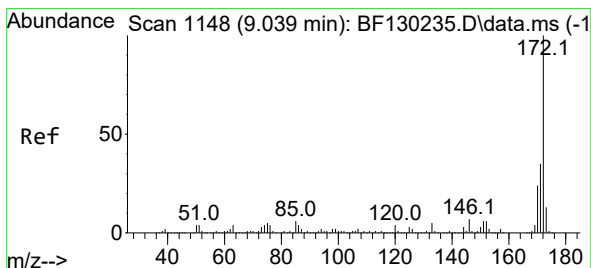
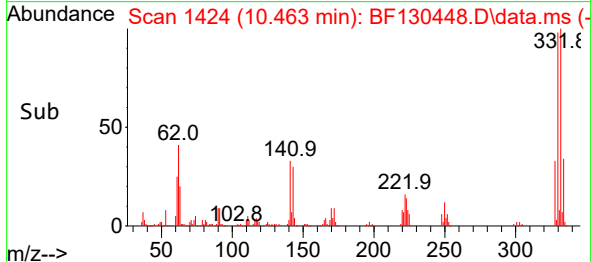
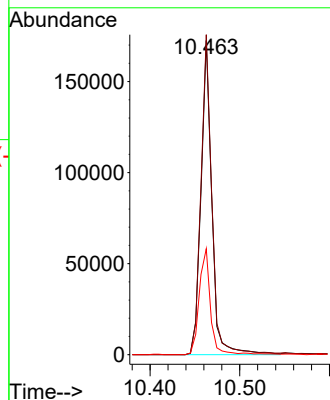
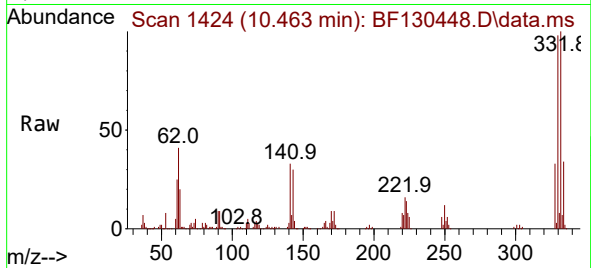
Tgt Ion:330 Resp: 145318

Ion Ratio Lower Upper

330 100

332 103.7 83.4 125.2

141 35.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 68.825 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130448.D

Acq: 28 Sep 2022 15:04

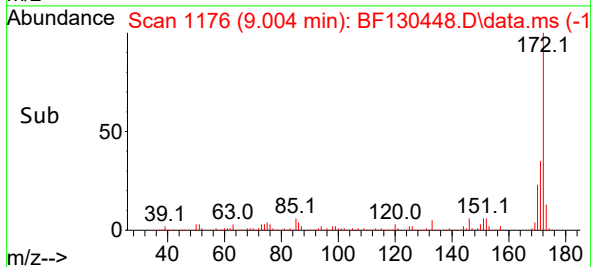
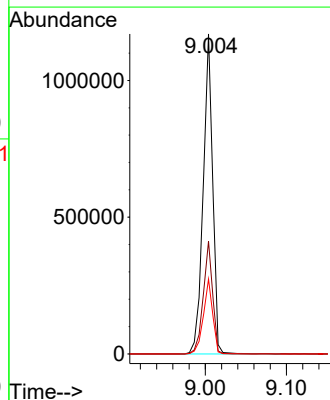
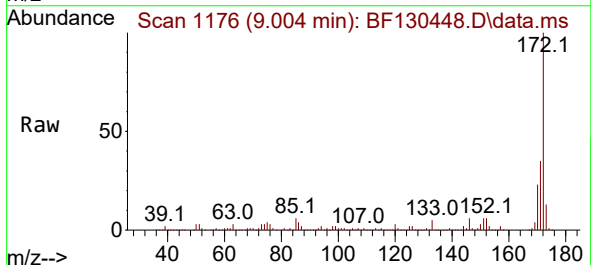
Tgt Ion:172 Resp: 951956

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.7 28.1

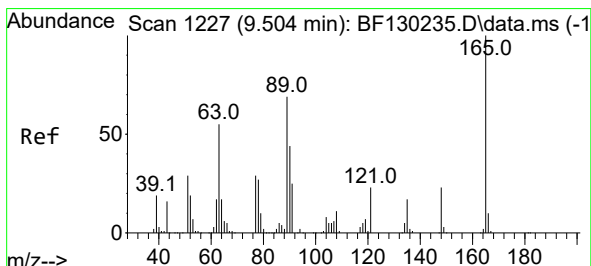
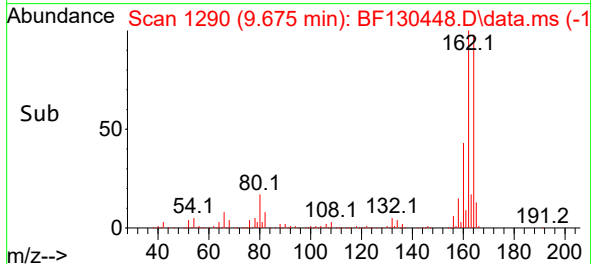
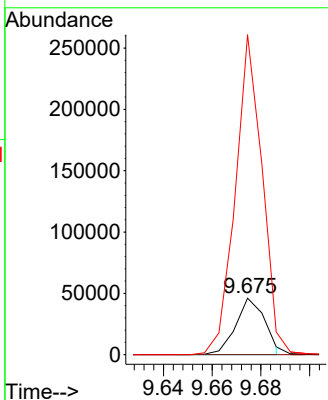
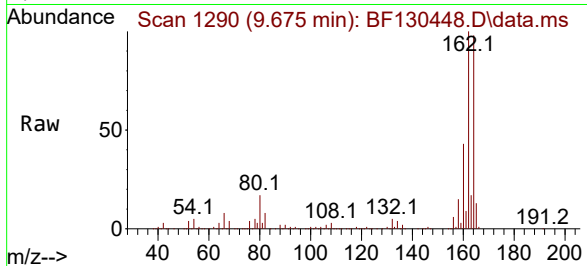




#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

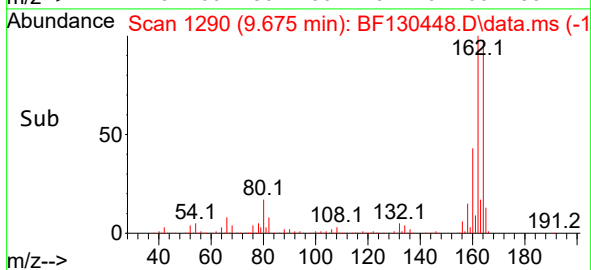
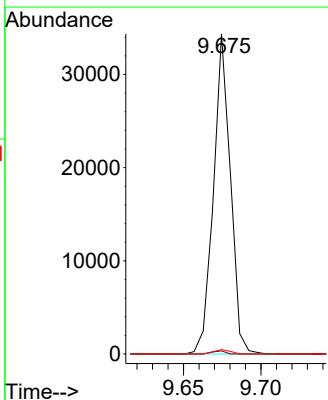
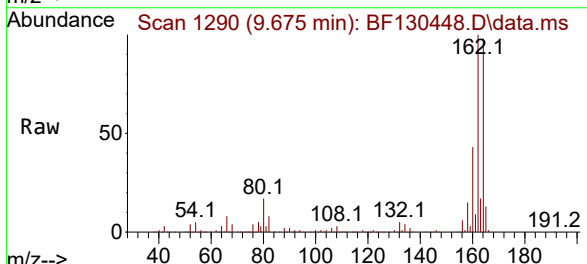
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BNA_F
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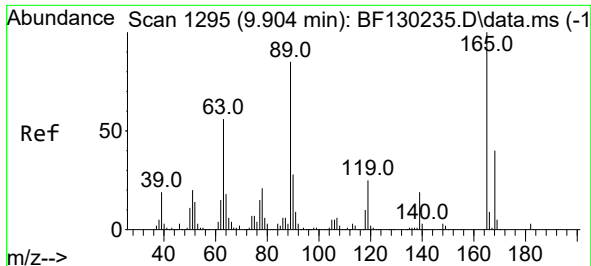
Tgt Ion:163 Resp: 38388
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 566.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.969 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion:165 Resp: 26096
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.4 54.5 81.7#

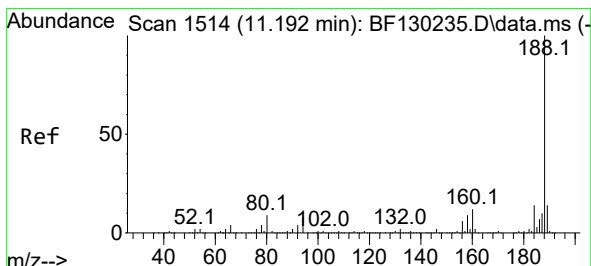
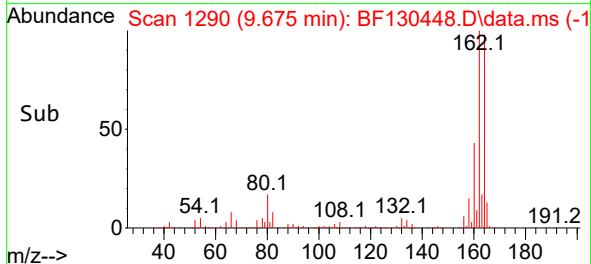
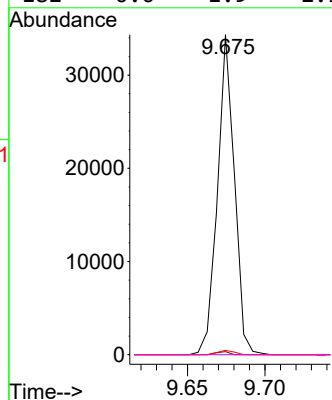
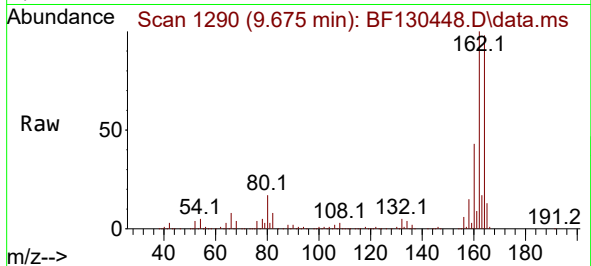




#57
2,4-Dinitrotoluene
Concen: 7.018 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

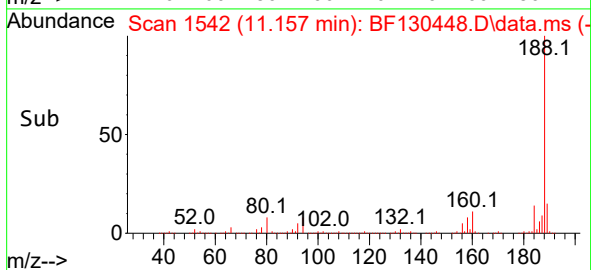
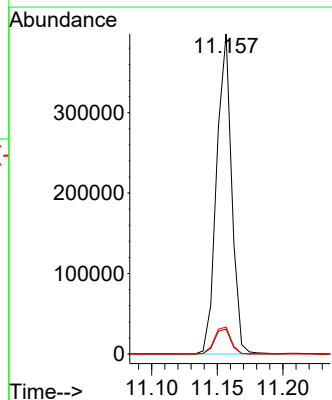
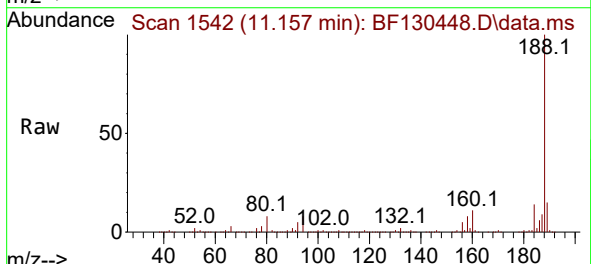
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BNA_F
ClientSampleId :
SAND-FILTER-2

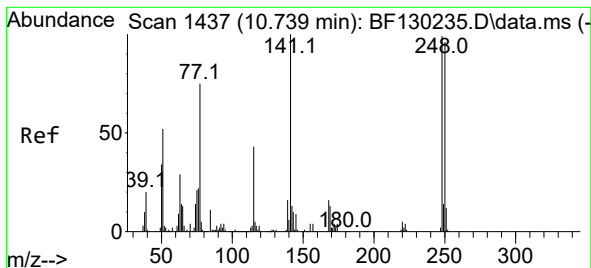
Tgt Ion:165 Resp: 26096
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion:188 Resp: 317075
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.4 7.9 11.9

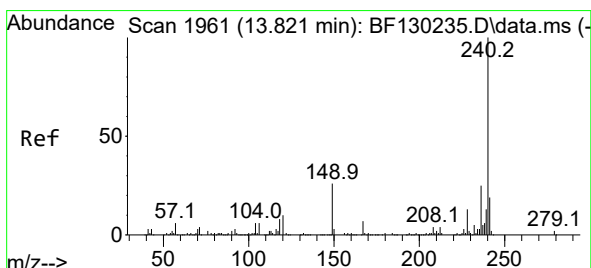
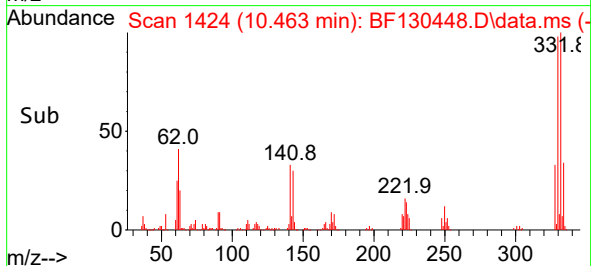
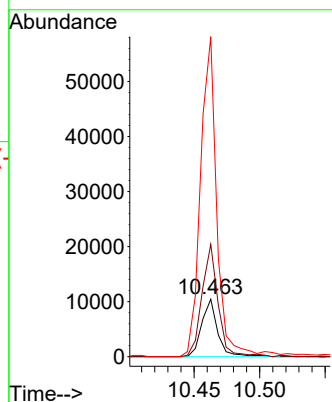
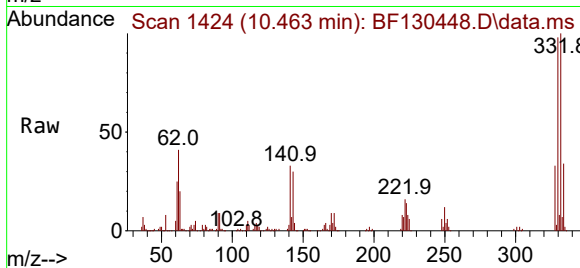




#67
4-Bromophenyl-phenylether
Concen: 2.534 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

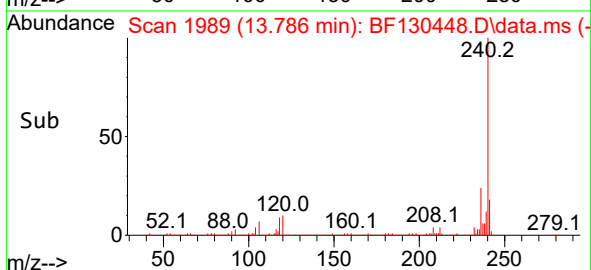
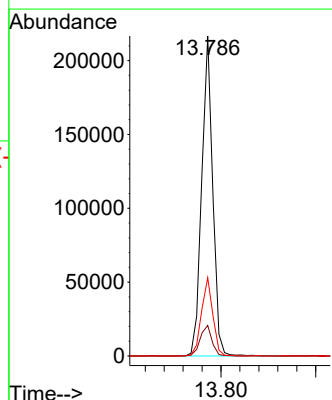
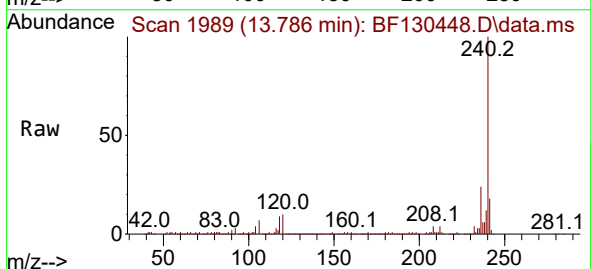
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-2

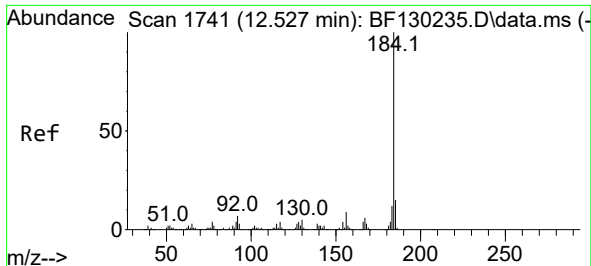
Tgt Ion:248 Resp: 8864
Ion Ratio Lower Upper
248 100
250 195.2 80.0 120.0#
141 556.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion:240 Resp: 174571
Ion Ratio Lower Upper
240 100
120 9.6 8.7 13.1
236 24.4 20.9 31.3

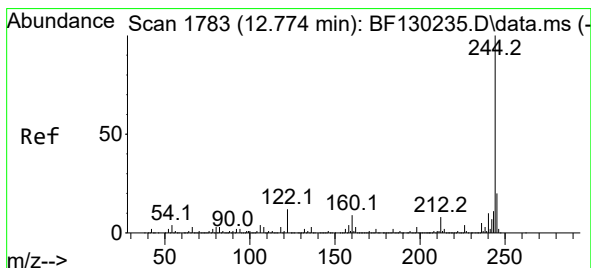
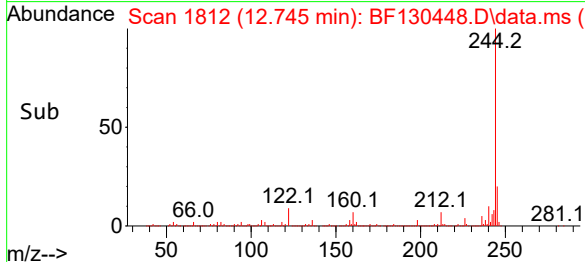
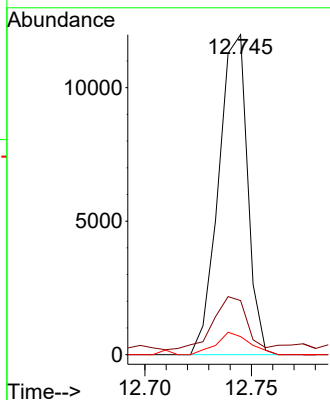
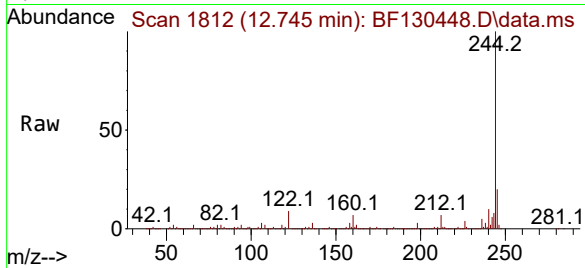




#77
Benzidine
Concen: 2.240 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.247 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

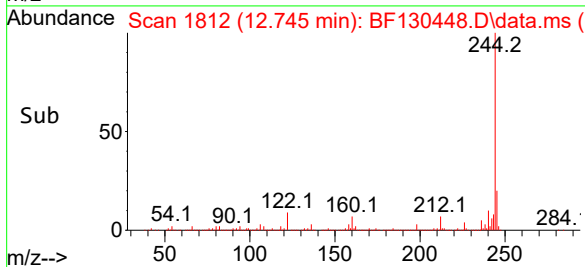
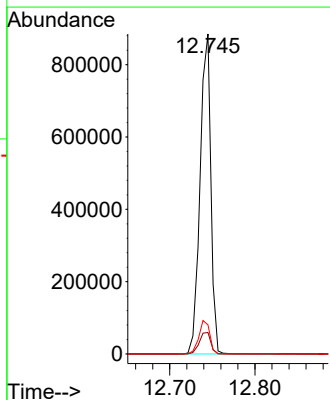
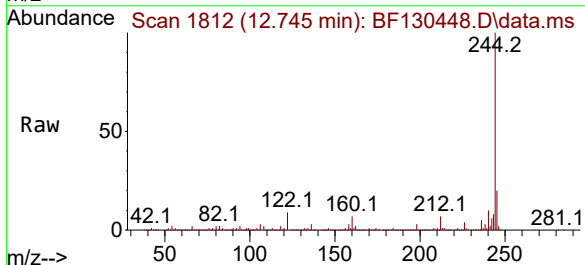
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-2

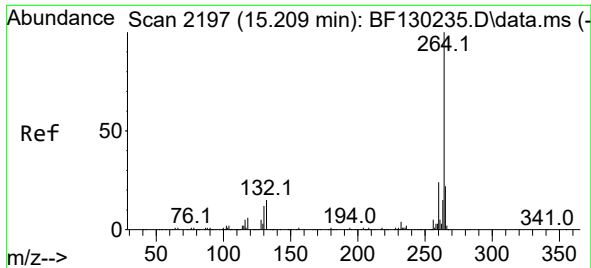
Tgt Ion:184 Resp: 11353
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 5.7 9.1 13.7#



#79
Terphenyl-d14
Concen: 73.711 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

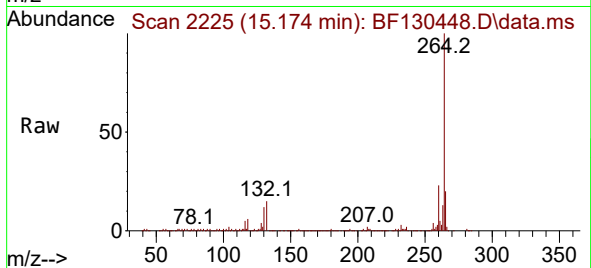
Tgt Ion:244 Resp: 776810
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.1 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.174 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-2



Tgt Ion:264 Resp: 202569

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	20.1	17.0	25.4

