

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124418.D
 Acq On : 22 Jun 2021 18:27
 Operator : JU/CG
 Sample : M2789-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TALL-PILLARS

Quant Time: Jun 23 02:50:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

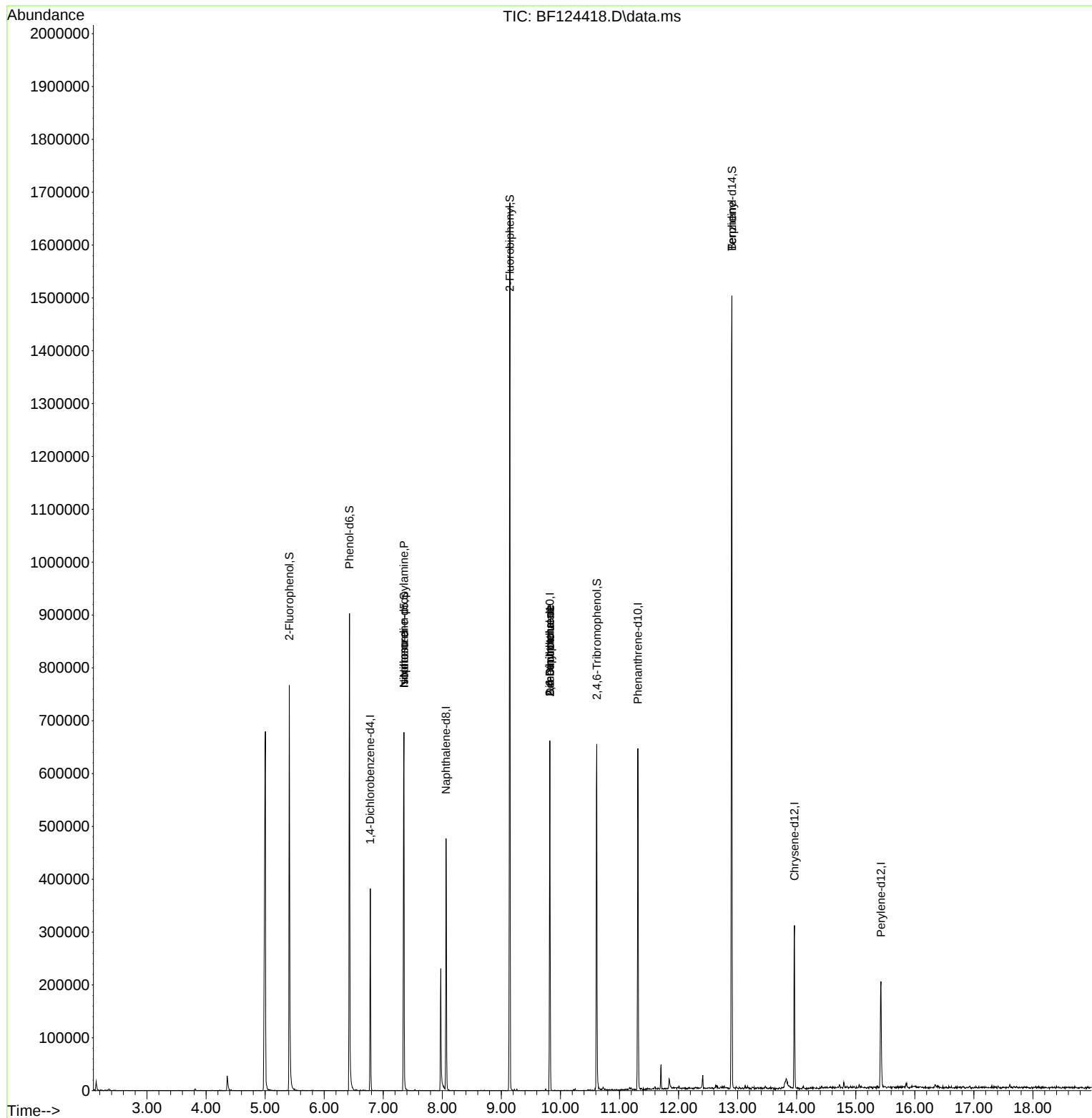
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	46017	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	185228	20.00	ng	#-0.01
39) Acenaphthene-d10	9.822	164	117371	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	219540	20.00	ng	0.00
76) Chrysene-d12	13.962	240	105284	20.00	ng	0.00
86) Perylene-d12	15.427	264	85776	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	174242	57.00	ng	0.00
7) Phenol-d6	6.428	99	241366	58.74	ng	-0.02
23) Nitrobenzene-d5	7.351	82	212545	45.51	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	71908	43.24	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	457752	49.08	ng	0.00
79) Terphenyl-d14	12.904	244	476595	62.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	31543	10.87	ng	# 61
25) Isophorone	7.351	82	212576	25.26	ng	# 69
50) Dimethylphthalate	9.822	163	20783	2.14	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14307	6.43	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	14307	4.87	ng	# 19
77) Benzidine	12.904	184	8054	7.07	ng	# 89

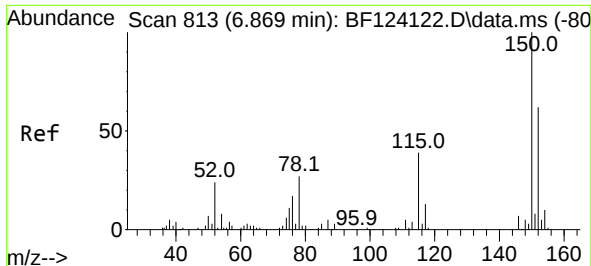
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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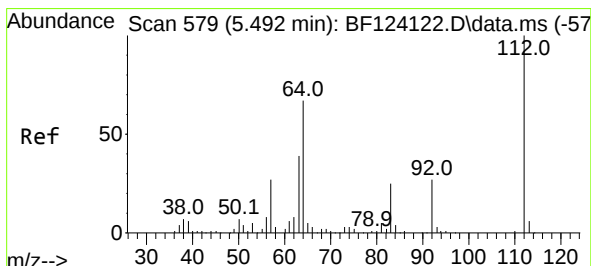
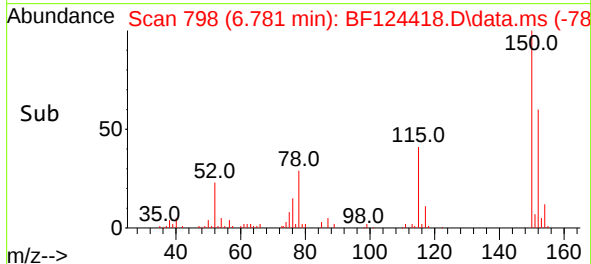
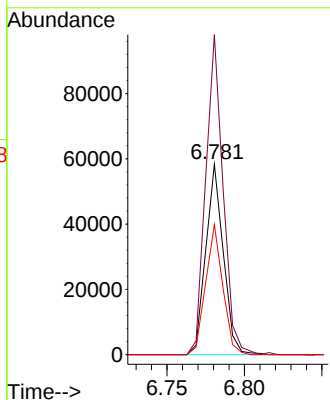
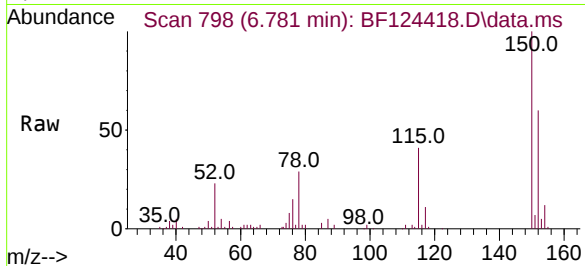




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

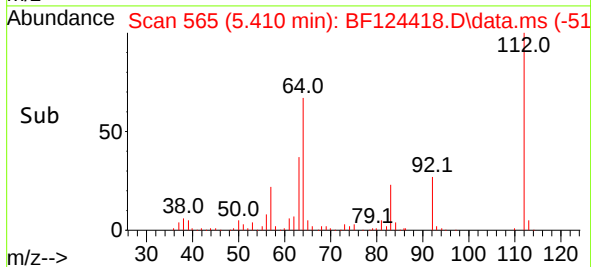
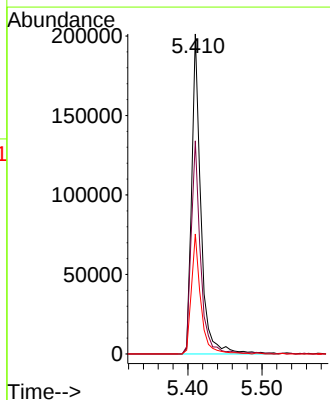
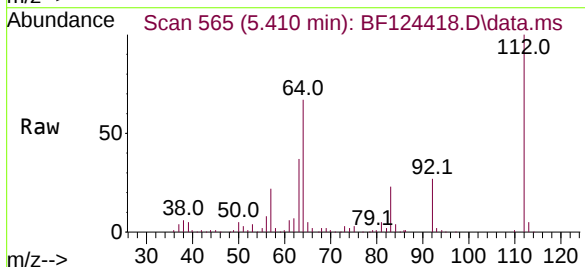
Instrument :
BNA_F
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TALL-PILLARS

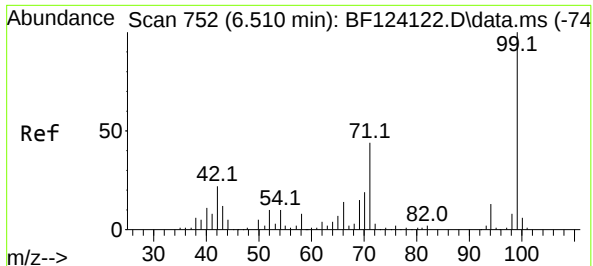
Tgt Ion:152 Resp: 46017
Ion Ratio Lower Upper
152 100
150 168.0 127.0 190.6
115 68.4 54.3 81.5



#5
2-Fluorophenol
Concen: 57.00 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion:112 Resp: 174242
Ion Ratio Lower Upper
112 100
64 66.6 61.4 92.0
63 37.5 33.0 49.4

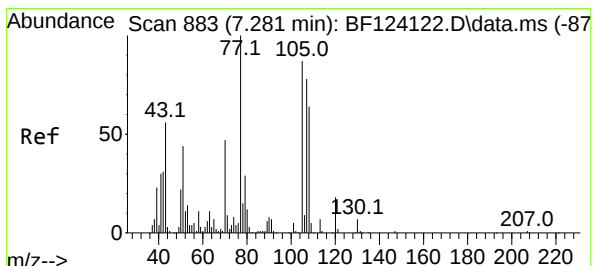
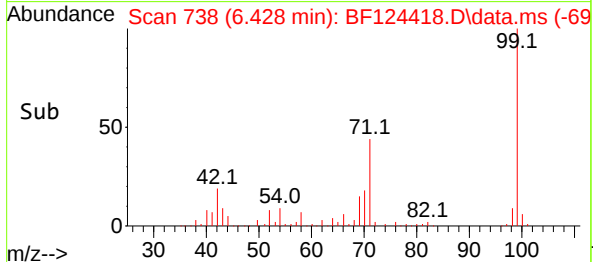
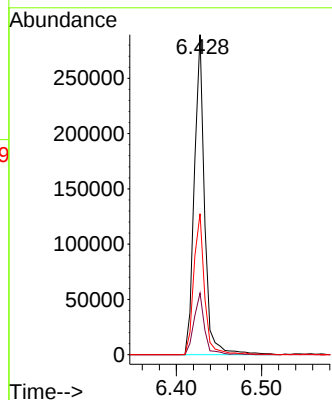
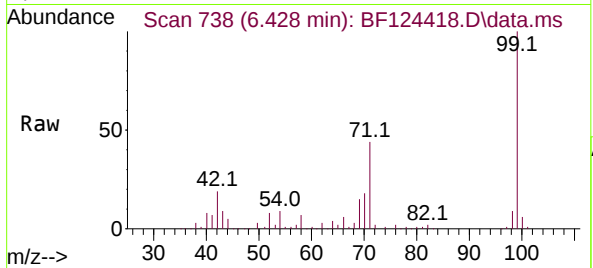




#7
Phenol-d6
Concen: 58.74 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

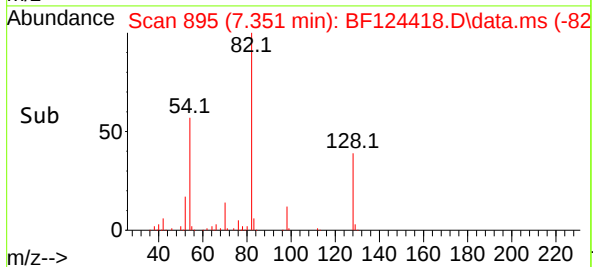
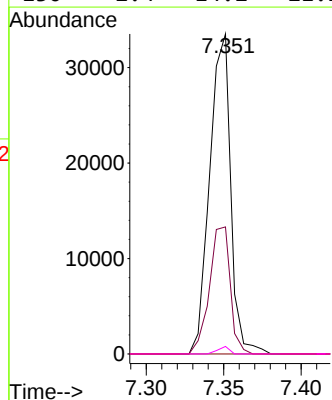
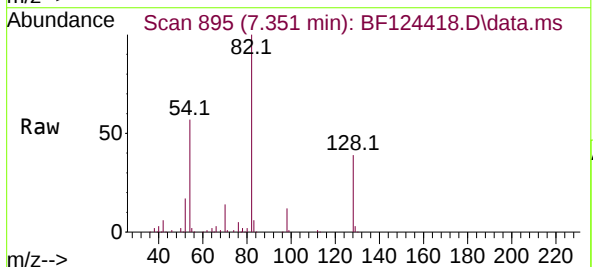
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ClientSampleId :
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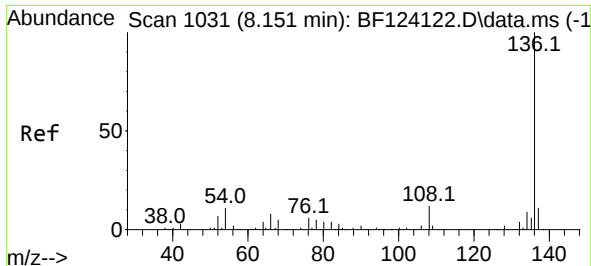
Tgt Ion: 99 Resp: 241366
Ion Ratio Lower Upper
99 100
42 19.2 19.8 29.8#
71 44.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.87 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion: 70 Resp: 31543
Ion Ratio Lower Upper
70 100
42 39.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#

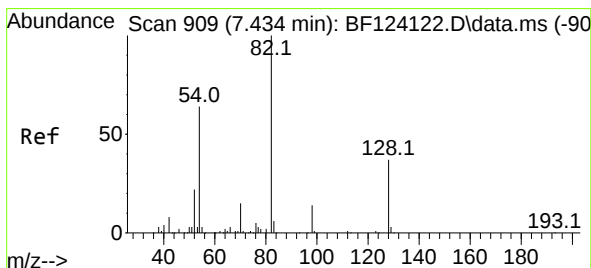
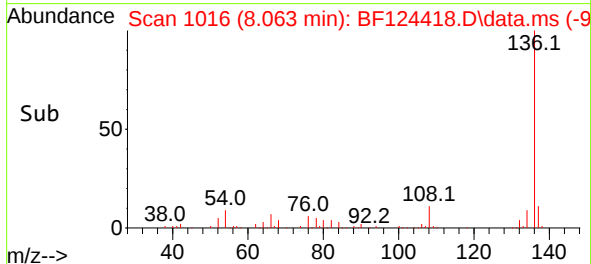
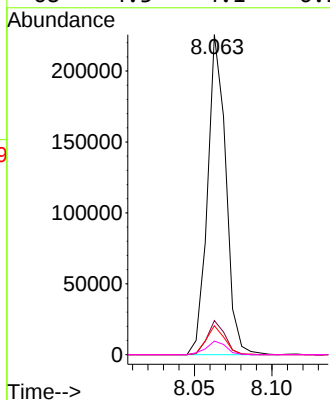
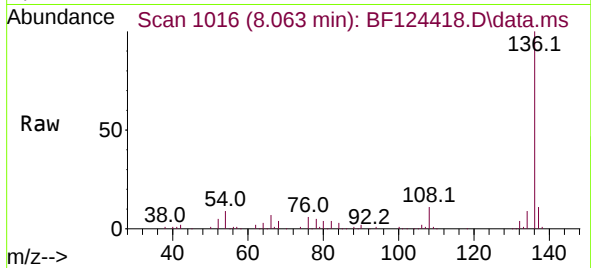




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

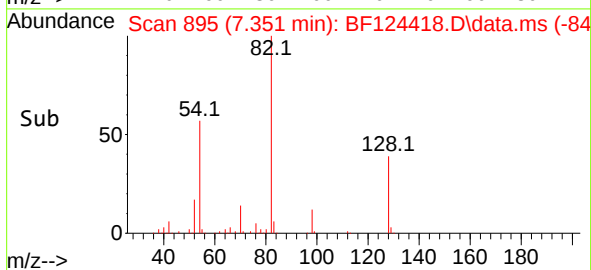
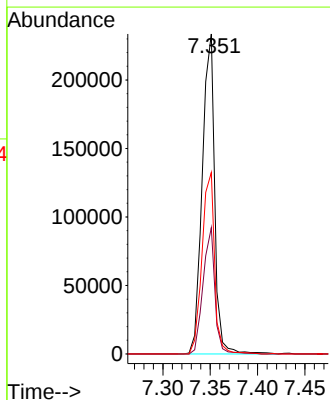
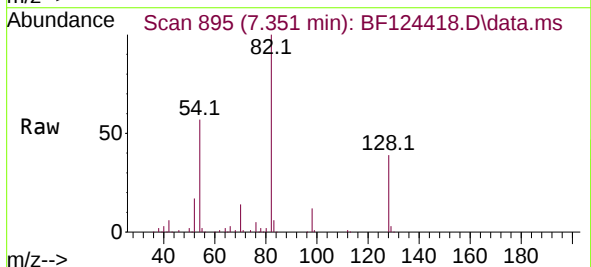
Instrument :
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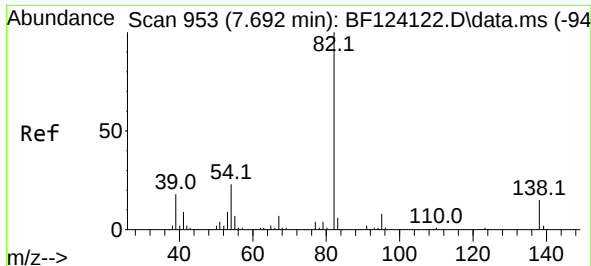
Tgt Ion:136	Resp: 185228
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 9.0	9.8 14.6#
68 4.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 45.51 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion: 82	Resp: 212545
Ion Ratio	Lower Upper
82 100	
128 39.5	29.4 44.2
54 56.7	54.1 81.1

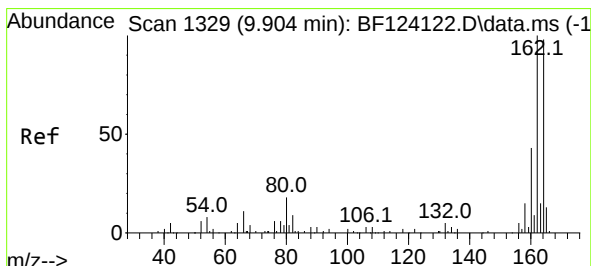
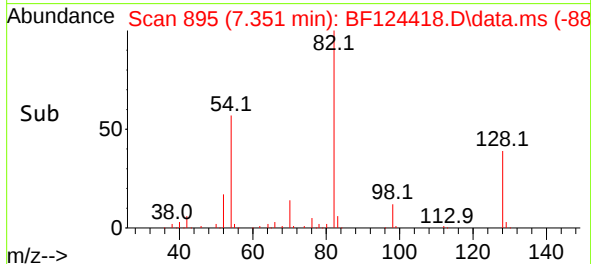
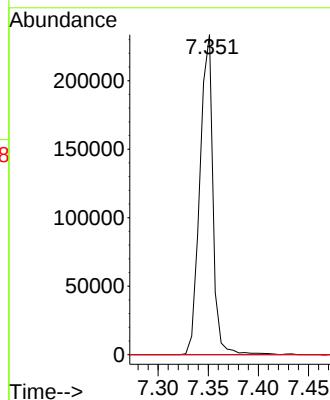
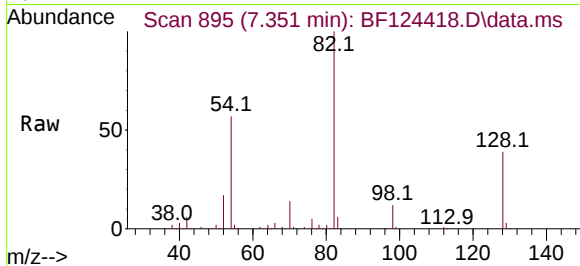




#25
Isophorone
Concen: 25.26 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

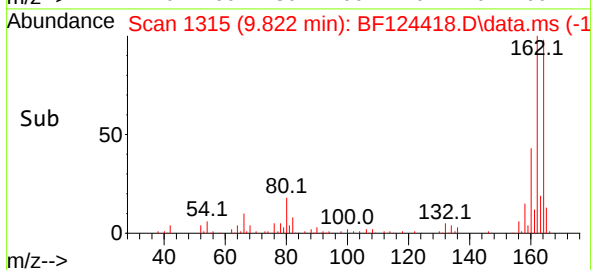
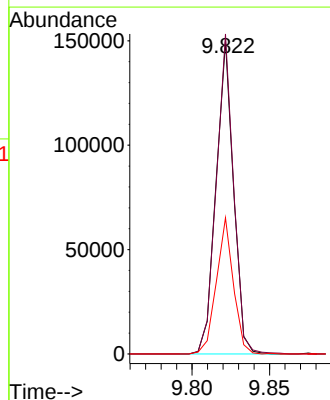
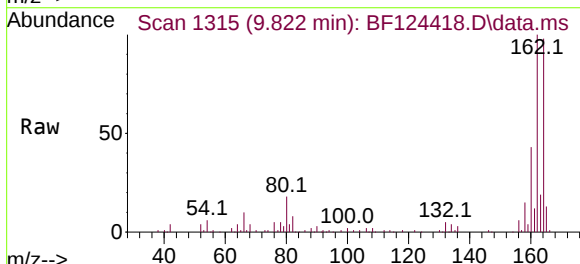
Instrument :
BNA_F
ClientSampleId :
TALL-PILLARS

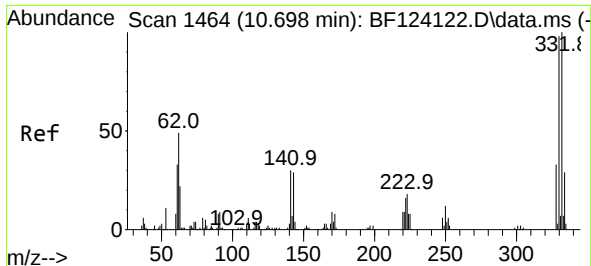
Tgt Ion: 82 Resp: 212576
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion: 164 Resp: 117371
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 43.5 37.3 55.9

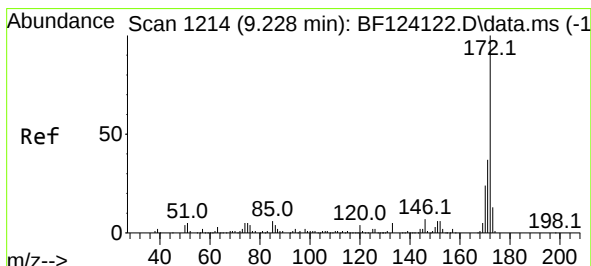
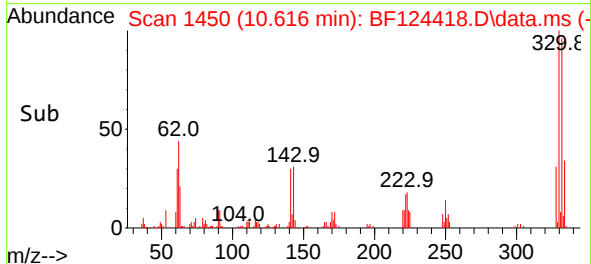
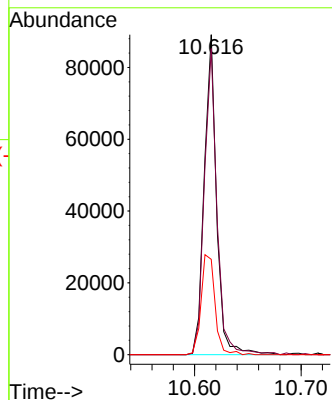
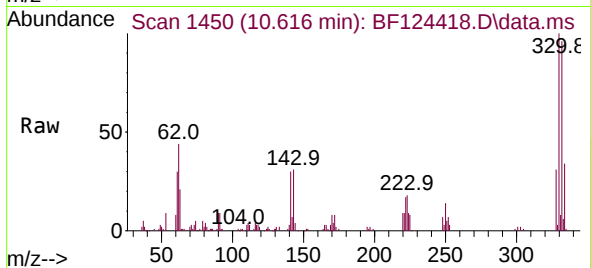




#42
2,4,6-Tribromophenol
Concen: 43.24 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

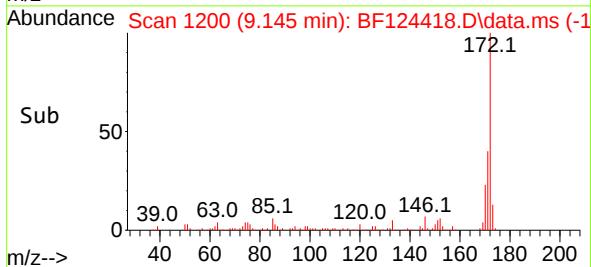
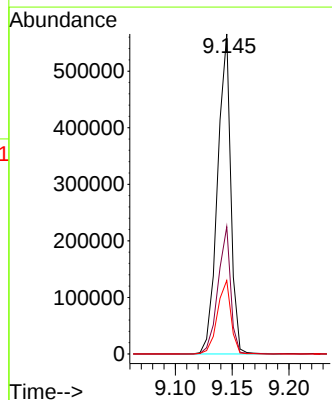
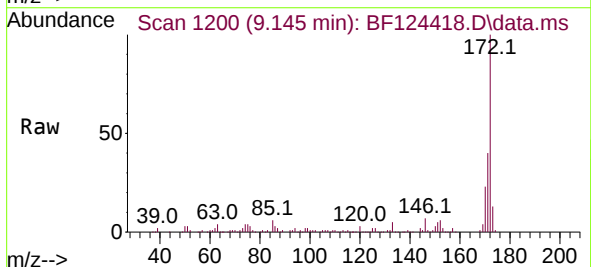
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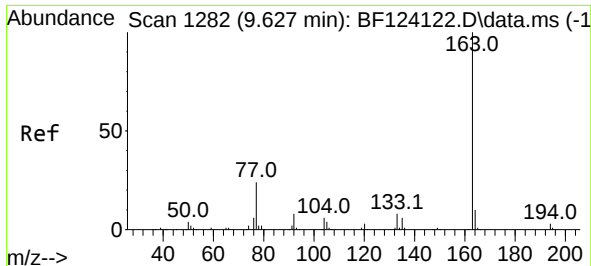
Tgt Ion: 330 Resp: 71908
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 35.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 49.08 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion: 172 Resp: 457752
Ion Ratio Lower Upper
172 100
171 39.8 28.1 42.1
170 23.0 19.2 28.8

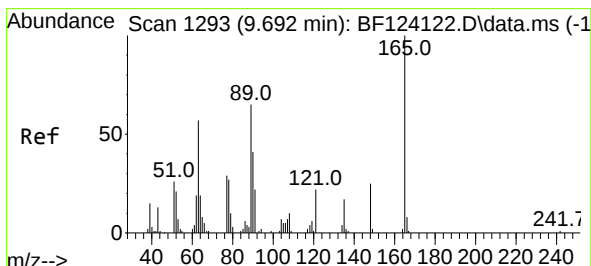
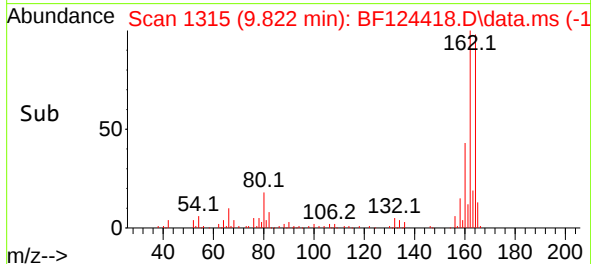
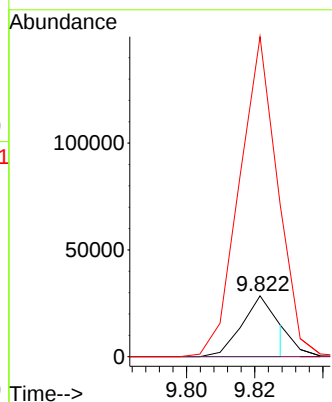
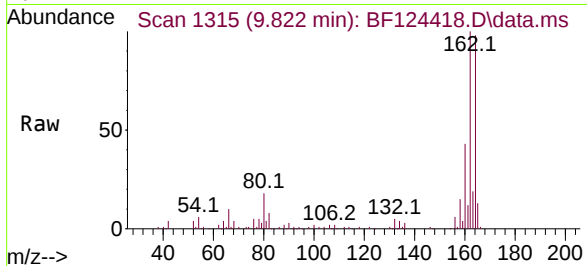




#50
Dimethylphthalate
Concen: 2.14 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

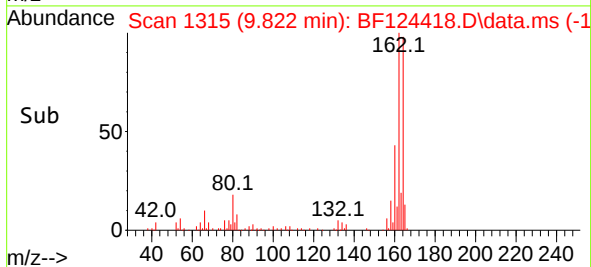
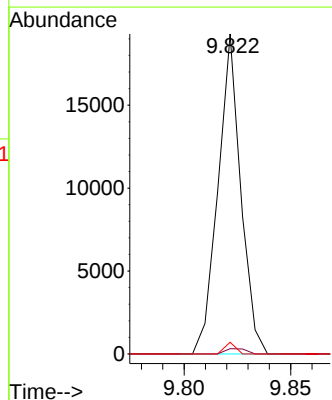
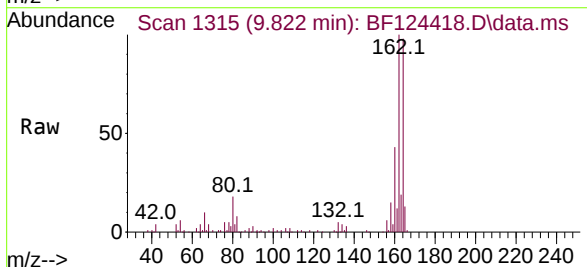
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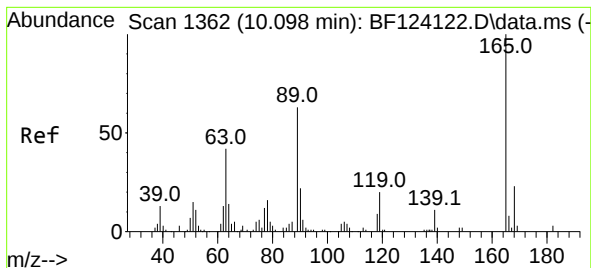
Tgt Ion:163 Resp: 20783
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 526.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.43 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion:165 Resp: 14307
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 3.6 58.8 88.2#

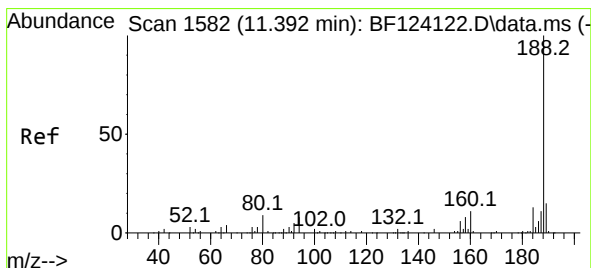
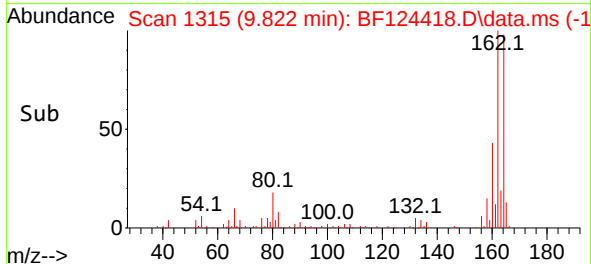
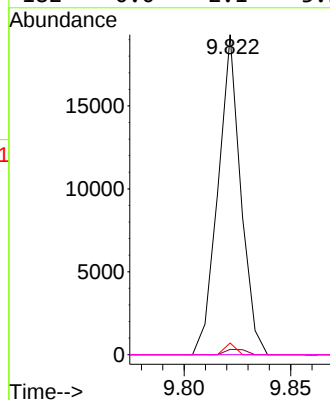
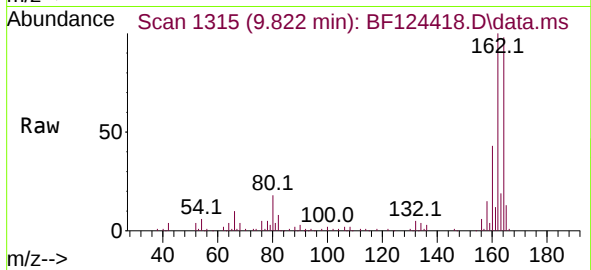




#57
2,4-Dinitrotoluene
Concen: 4.87 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

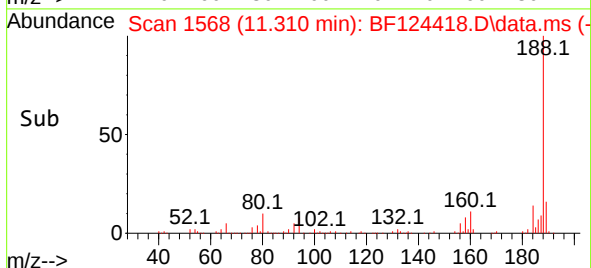
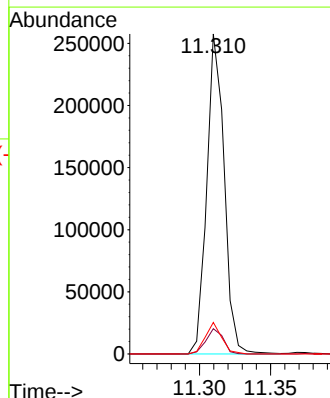
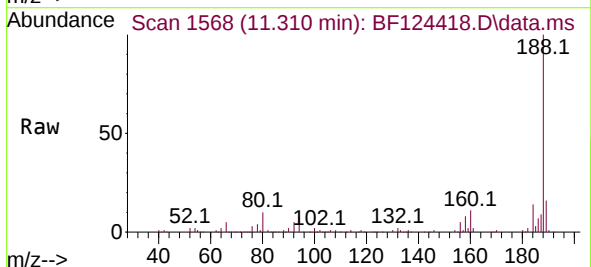
Instrument :
BNA_F
ClientSampleId :
TALL-PILLARS

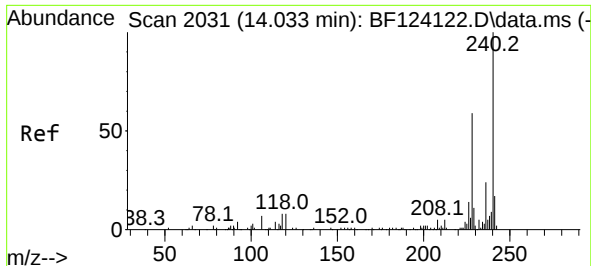
Tgt Ion:165	Resp:	14307
Ion Ratio	Lower	Upper
165	100	
63	1.7	43.5 65.3#
89	3.6	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion:188	Resp:	219540
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.9 10.3
80	9.8	8.2 12.2

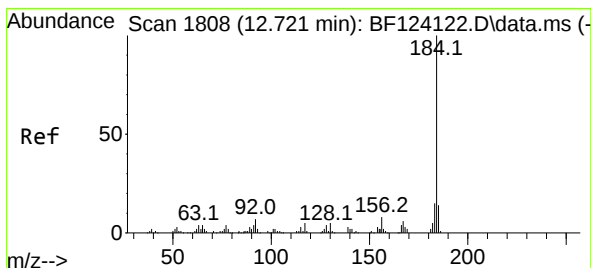
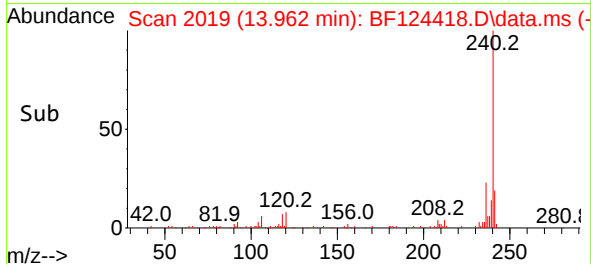
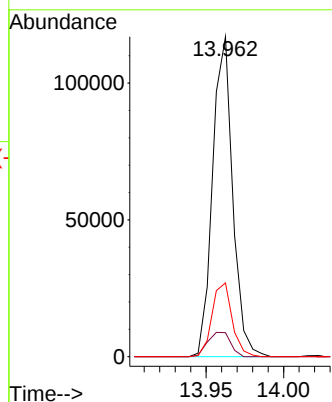
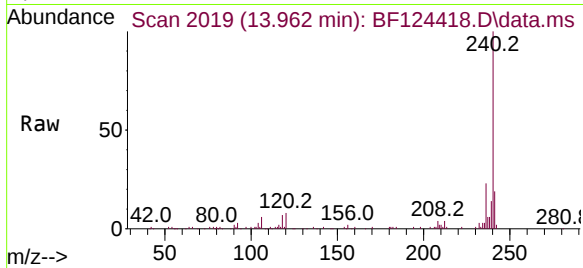




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

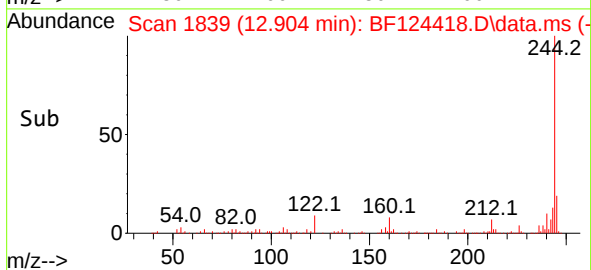
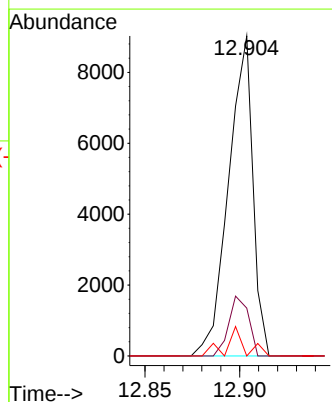
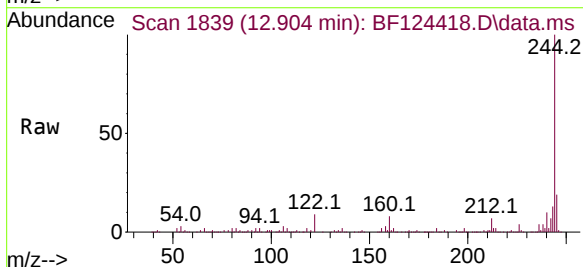
Instrument :
BNA_F
ClientSampleId :
TALL-PILLARS

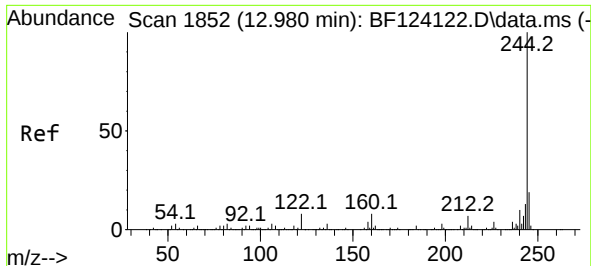
Tgt Ion:240 Resp: 105284
Ion Ratio Lower Upper
240 100
120 7.5 7.2 10.8
236 23.1 19.0 28.4



#77
Benzidine
Concen: 7.07 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion:184 Resp: 8054
Ion Ratio Lower Upper
184 100
185 14.9 12.1 18.1
183 0.0 7.8 11.8#

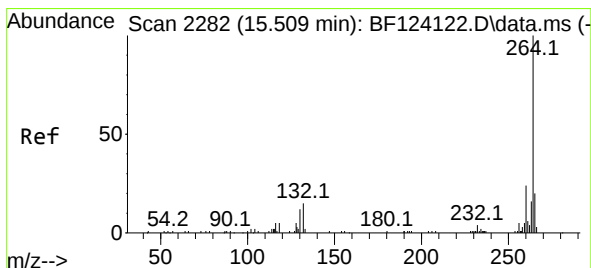
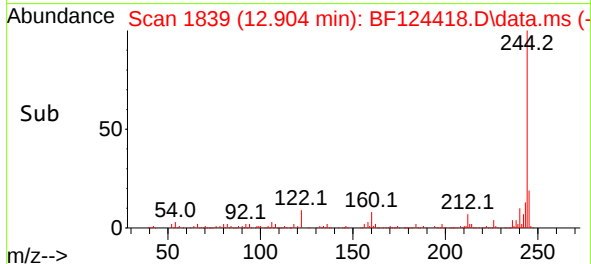
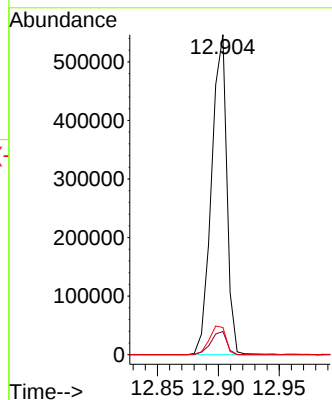
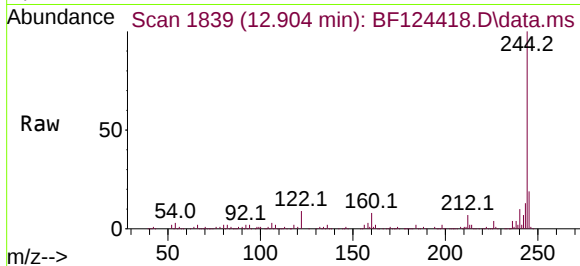




#79
Terphenyl-d14
Concen: 62.15 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Instrument :
BNA_F
ClientSampleId :
TALL-PILLARS

Tgt Ion:244 Resp: 476595
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.5 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF124418.D
Acq: 22 Jun 2021 18:27

Tgt Ion:264 Resp: 85776
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 19.8 17.8 26.8

