

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123381.D
 Acq On : 18 Mar 2021 13:19
 Operator : JU/CG
 Sample : M1707-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135224BS

Quant Time: Mar 18 13:42:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

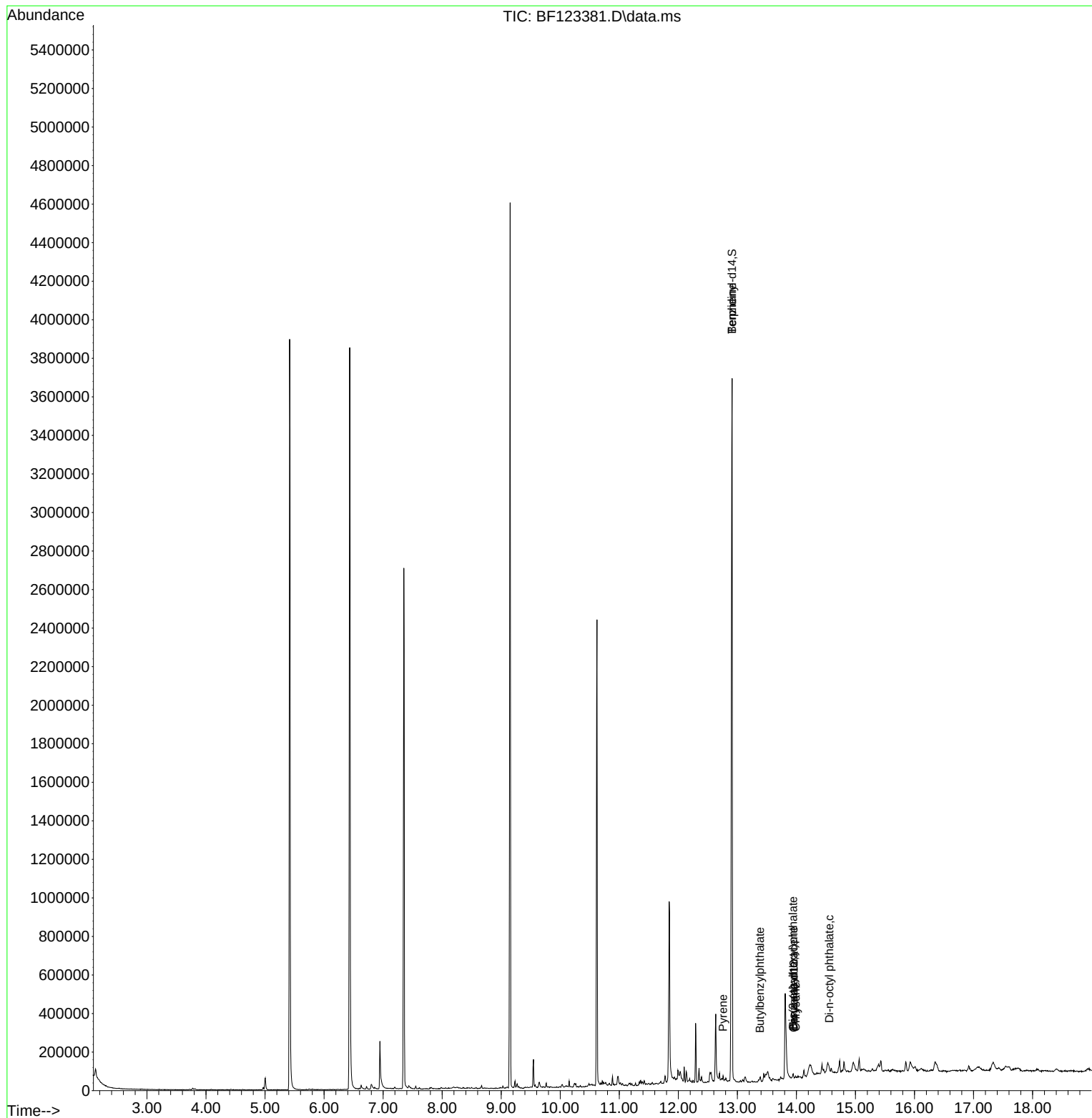
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-6.79
21) Naphthalene-d8	0.000	136	0	0.00	ng	-8.08
39) Acenaphthene-d10	0.000	164	0	0.00	ng	-9.83
64) Phenanthrene-d10	0.000	188	0	0.00	ng	-11.32
76) Chrysene-d12	13.957	240	316	20.00	ng	#-0.02
86) Perylene-d12	0.000	264	0	0.00	ng	-15.42
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1236363	0.00	ng	0.00
7) Phenol-d6	6.434	99	1480335	0.00	ng	-0.01
23) Nitrobenzene-d5	7.351	82	911194	0.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	242262	0.00	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1433412	0.00	ng	0.00
79) Terphenyl-d14	12.910	244	1354539	83463.14	ng	0.00
Target Compounds						
						Qvalue
77) Benzidine	12.910	184	17547	1528.66	ng	99
78) Pyrene	12.757	202	8160	281.52	ng	# 93
80) Butylbenzylphthalate	13.380	149	1131	82.73	ng	# 44
81) Benzo(a)anthracene	13.951	228	3681	176.70	ng	# 82
83) Chrysene	13.986	228	4530	210.60	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.945	149	6184	375.46	ng	# 86
85) Di-n-octyl phthalate	14.557	149	2490	88.91	ng	# 72

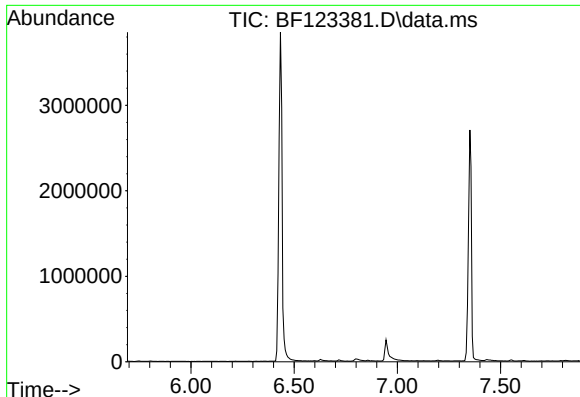
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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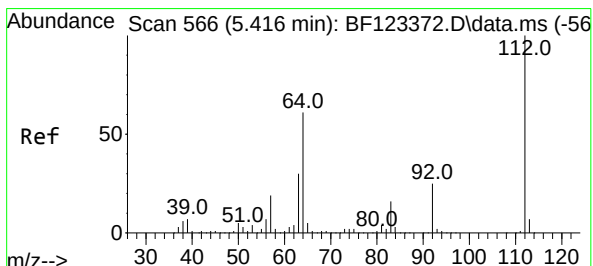
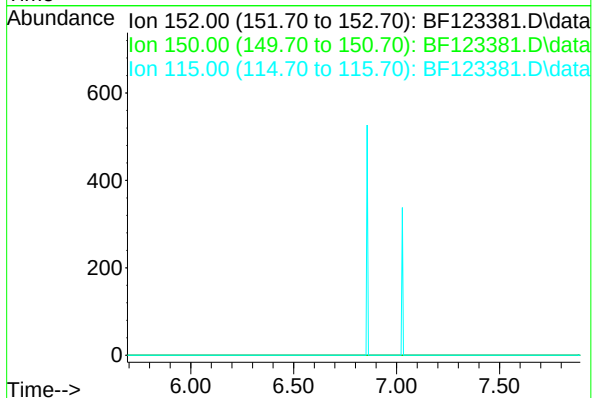


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.79 min
 Lab File: BF123381.D
 Acq: 18 Mar 2021 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB135224BS

Tgt Ion: 152

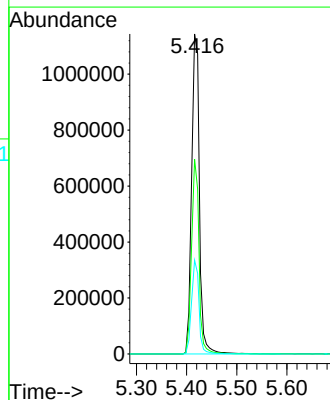
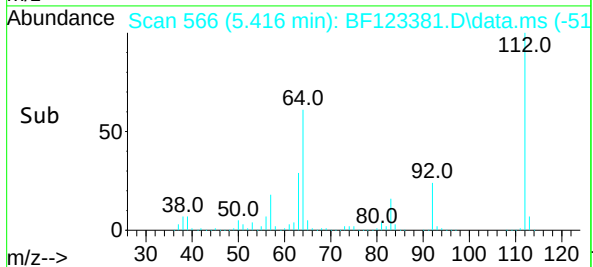
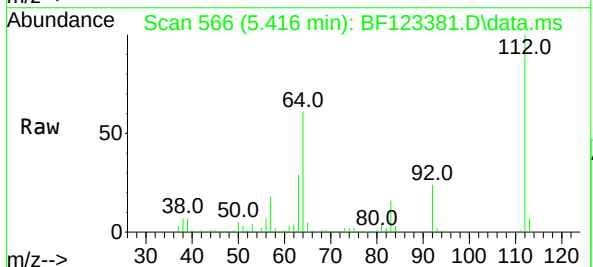
Sig	Exp Ratio
152	100
150	157.2
115	61.6

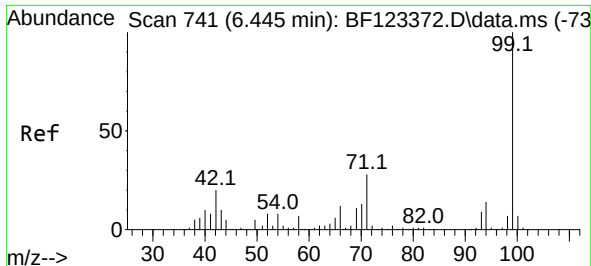


#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.416 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: BF123381.D
 Acq: 18 Mar 2021 13:19

Tgt Ion: 112 Resp: 1236363

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.9	70.3
63	29.3	24.5	36.7

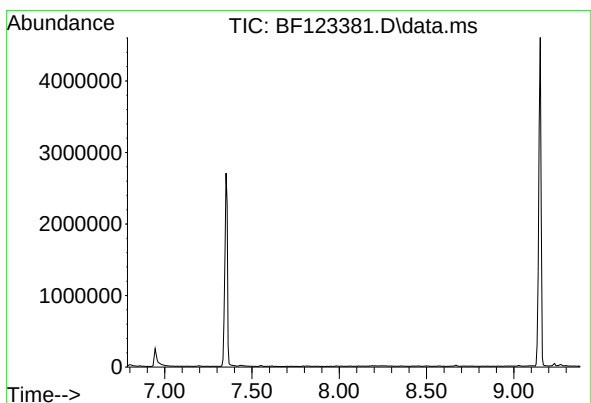
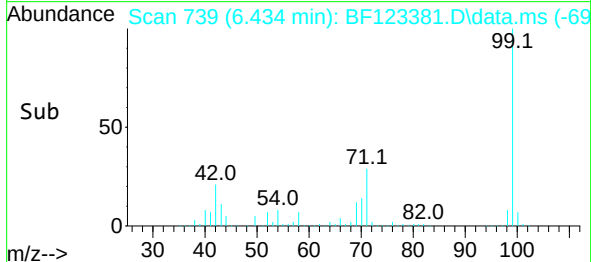
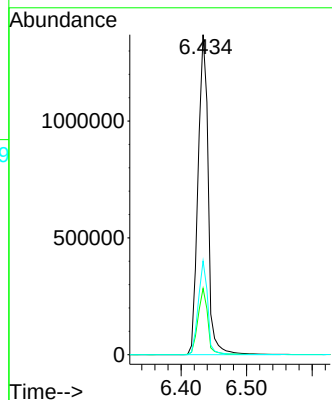
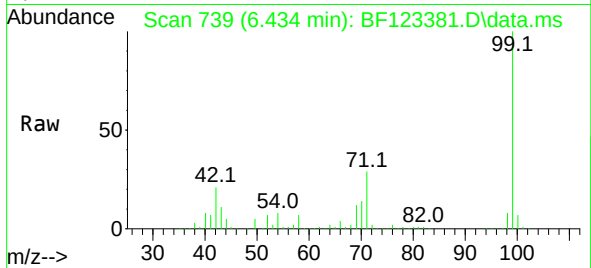




#7
Phenol-d6
Concen: 0.00 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

Instrument :
BNA_F
ClientSampleId :
PB135224BS

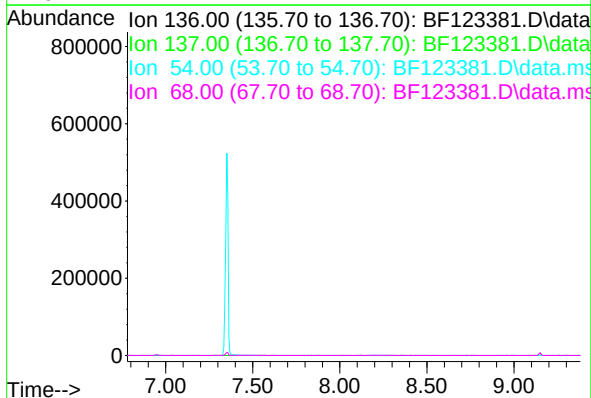
Tgt Ion: 99 Resp: 1480335
Ion Ratio Lower Upper
99 100
42 20.7 13.8 20.6#
71 29.3 26.9 40.3

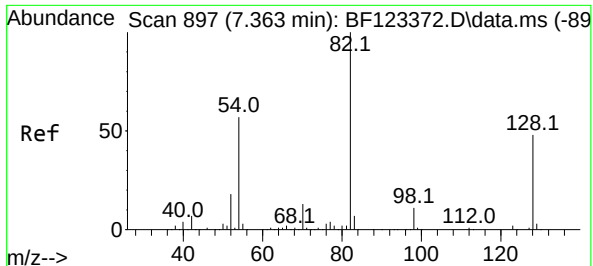


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.08 min

Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.0
54 6.9
68 5.7





#23

Nitrobenzene-d5

Concen: 0.00 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF123381.D

Acq: 18 Mar 2021 13:19

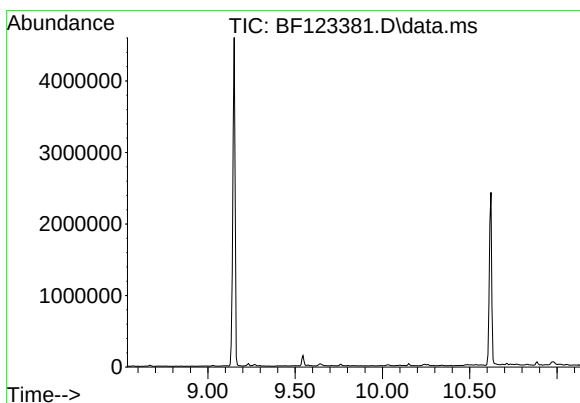
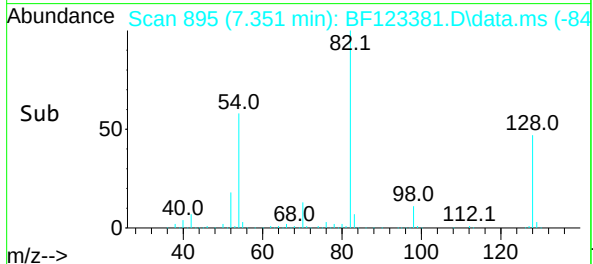
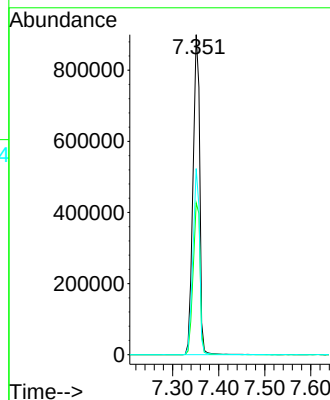
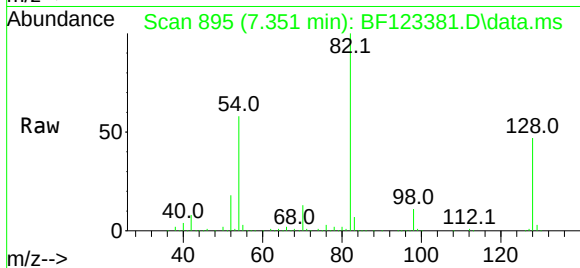
Tgt Ion: 82 Resp: 911194

Ion Ratio Lower Upper

82 100

128 47.4 37.0 55.4

54 58.2 38.4 57.6#



#39

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 9.83 min

Lab File: BF123381.D

Acq: 18 Mar 2021 13:19

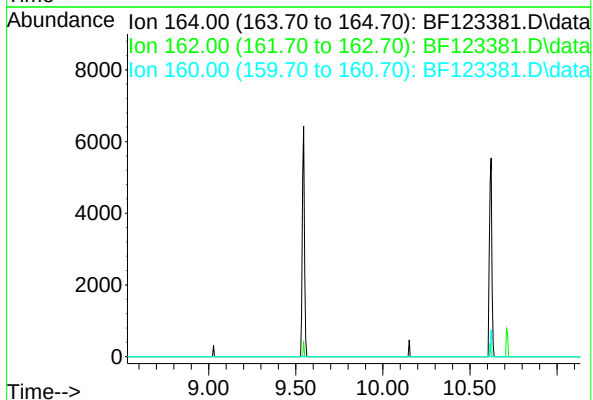
Tgt Ion: 164

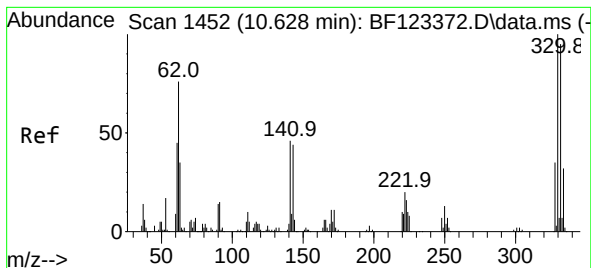
Sig Exp Ratio

164 100

162 101.0

160 44.2

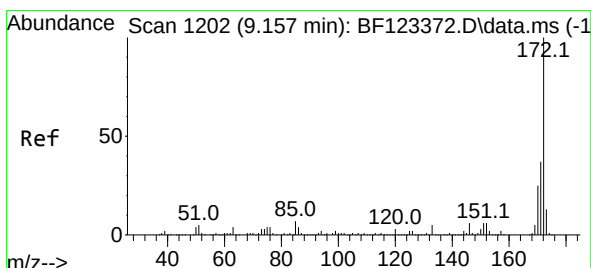
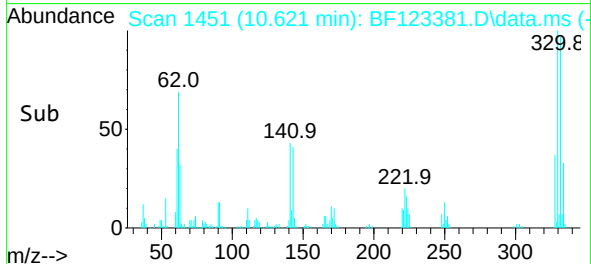
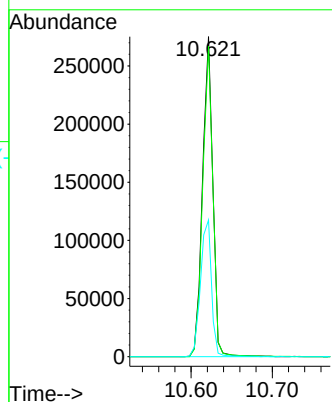
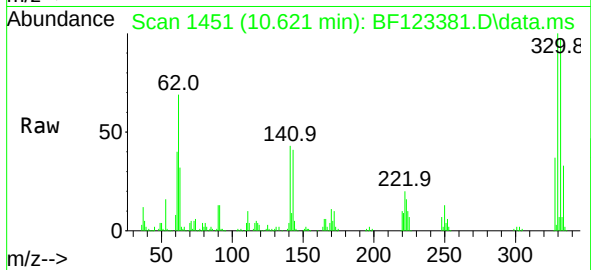




#42
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.007 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

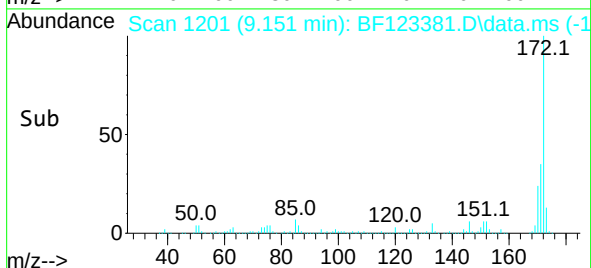
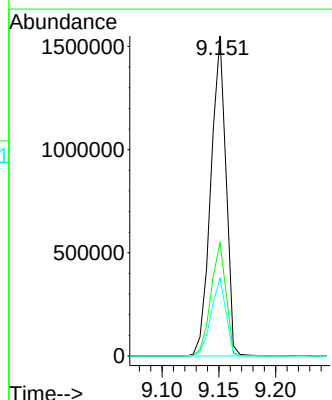
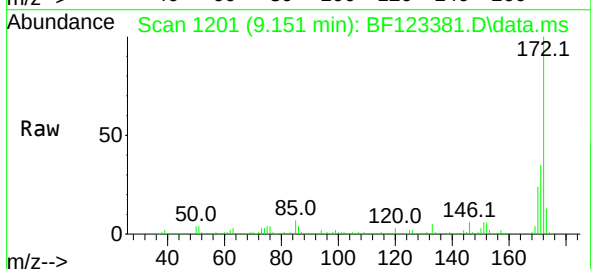
Instrument :
BNA_F
ClientSampleId :
PB135224BS

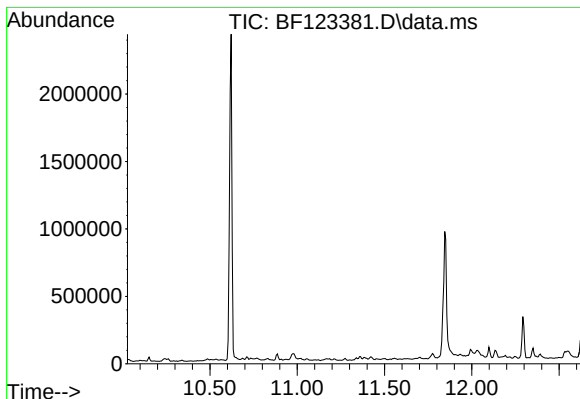
Tgt Ion:330 Resp: 242262
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 46.0 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

Tgt Ion:172 Resp: 1433412
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.2 19.5 29.3

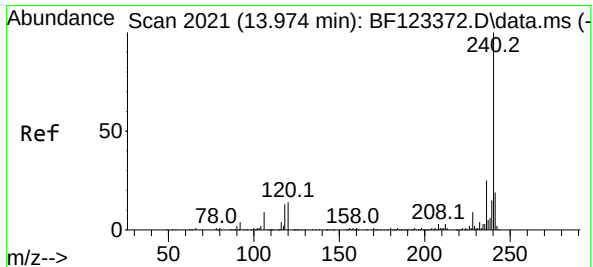
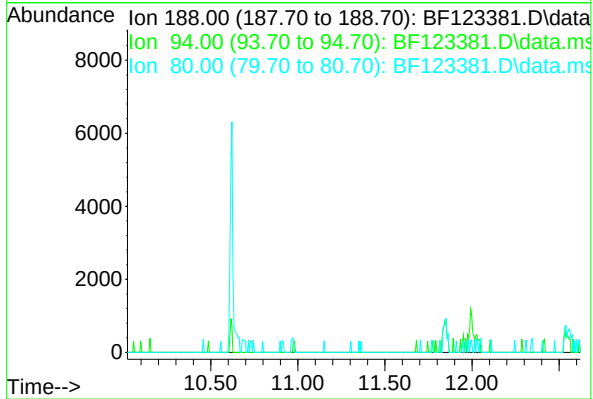




#64
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 11.32 min
 Lab File: BF123381.D
 Acq: 18 Mar 2021 13:19

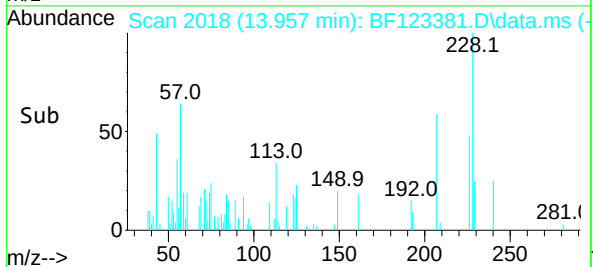
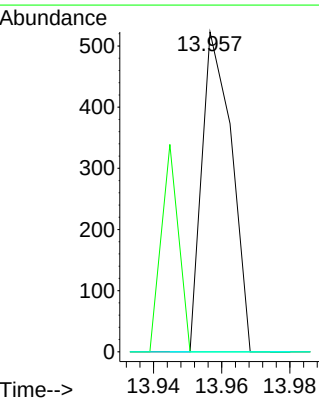
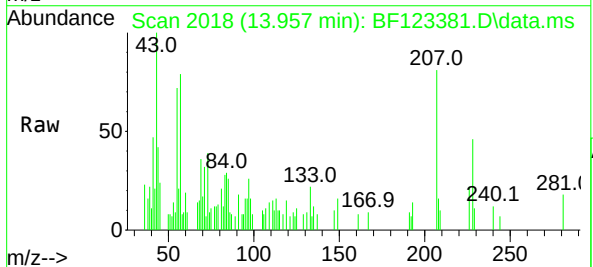
Instrument :
 BNA_F
 ClientSampleId :
 PB135224BS

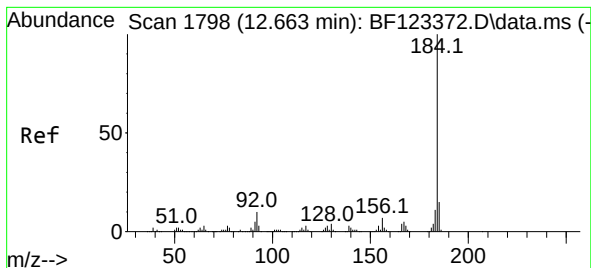
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 9.3
 80 10.3



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.018 min
 Lab File: BF123381.D
 Acq: 18 Mar 2021 13:19

Tgt Ion: 240 Resp: 316
 Ion Ratio Lower Upper
 240 100
 120 0.0 8.6 12.8#
 236 0.0 20.3 30.5#





#77

Benzidine

Concen: 1528.66 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF123381.D

Acq: 18 Mar 2021 13:19

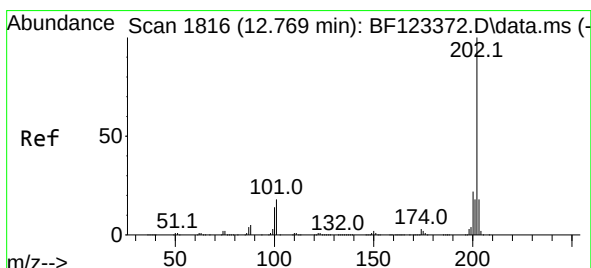
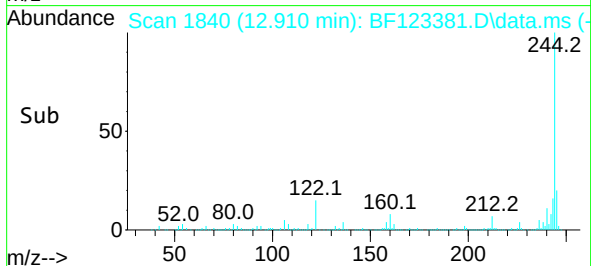
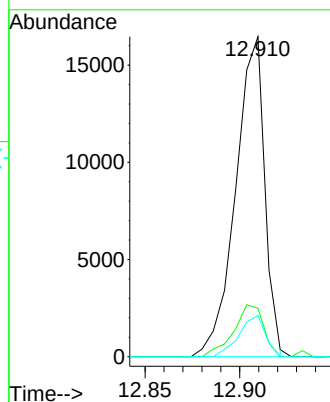
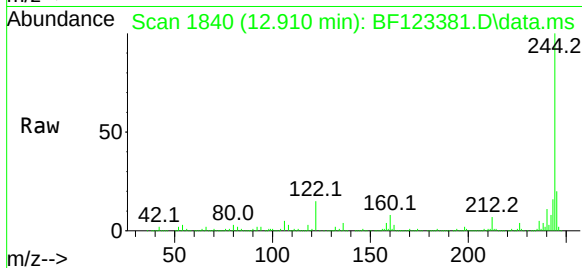
Tgt Ion:184	Resp:	17547
Ion Ratio	Lower	Upper
184	100	
185	15.2	11.8 17.6
183	12.8	9.7 14.5

Instrument :

BNA_F

ClientSampleId :

PB135224BS



#78

Pyrene

Concen: 281.52 ng

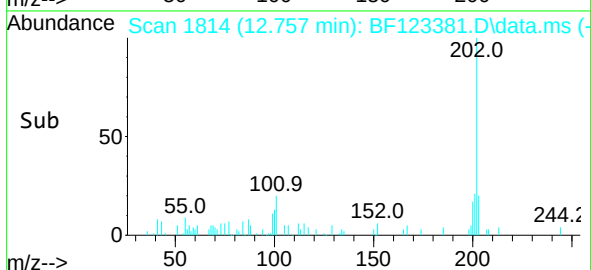
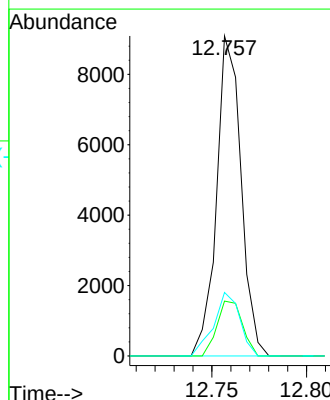
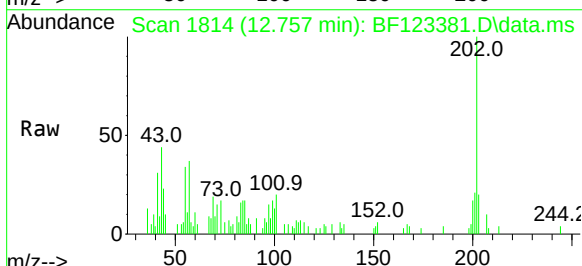
RT: 12.757 min Scan# 1814

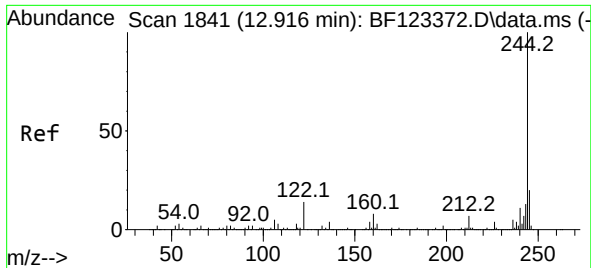
Delta R.T. -0.012 min

Lab File: BF123381.D

Acq: 18 Mar 2021 13:19

Tgt Ion:202	Resp:	8160
Ion Ratio	Lower	Upper
202	100	
200	17.1	17.6 26.4#
203	19.8	14.6 21.8

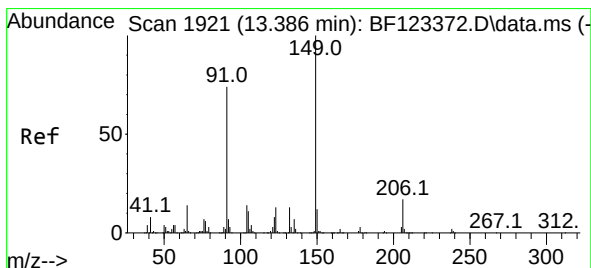
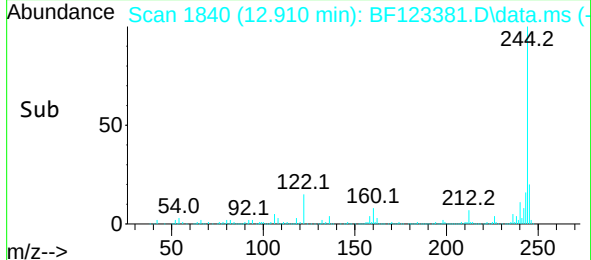
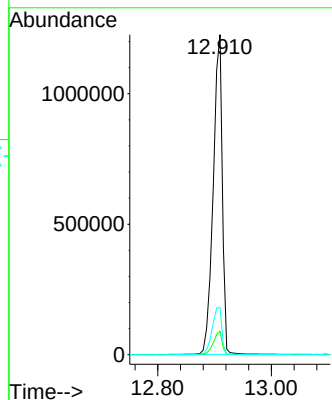
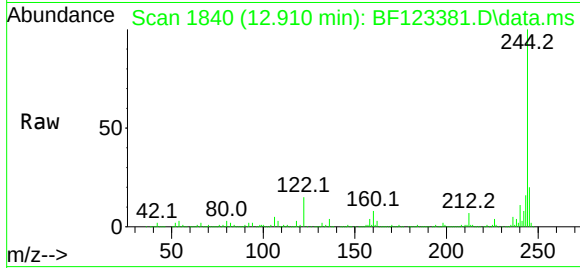




#79
 Terphenyl-d14
 Concen: 83463.14 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF123381.D
 Acq: 18 Mar 2021 13:19

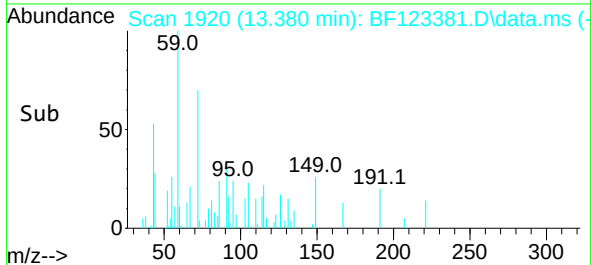
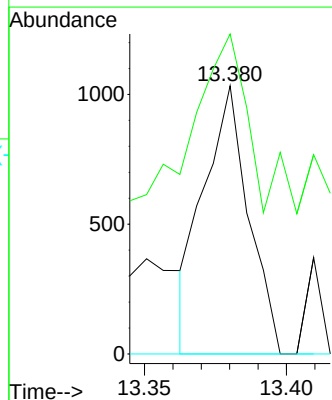
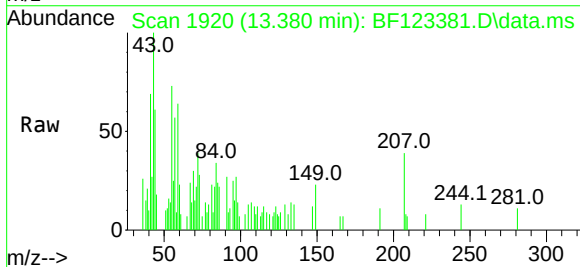
Instrument :
 BNA_F
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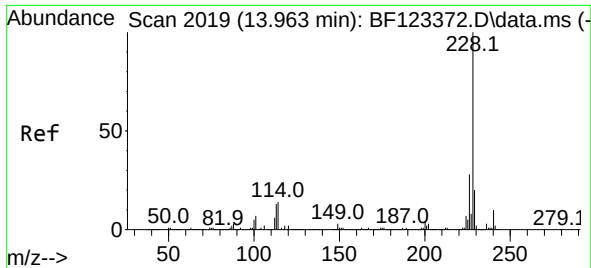
Tgt Ion:244 Resp: 1354539
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 14.7 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 82.73 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF123381.D
 Acq: 18 Mar 2021 13:19

Tgt Ion:149 Resp: 1131
 Ion Ratio Lower Upper
 149 100
 91 119.4 56.5 84.7#
 206 0.0 17.0 25.6#

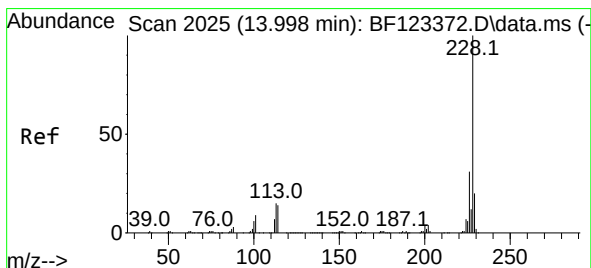
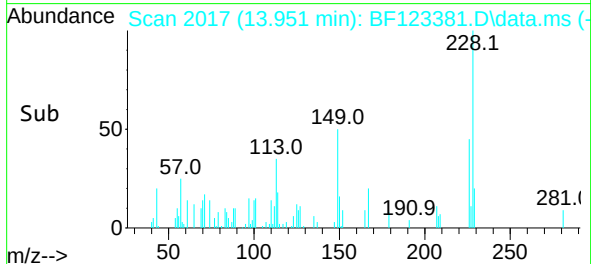
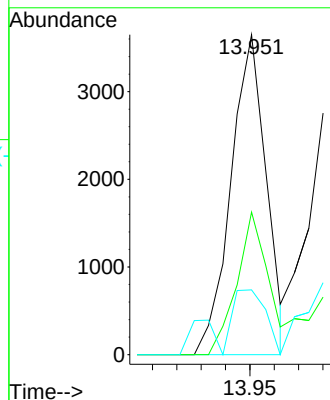
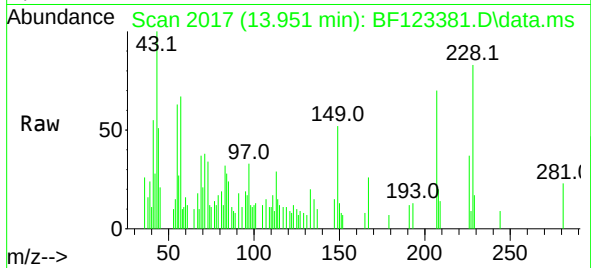




#81
Benzo(a)anthracene
Concen: 176.70 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

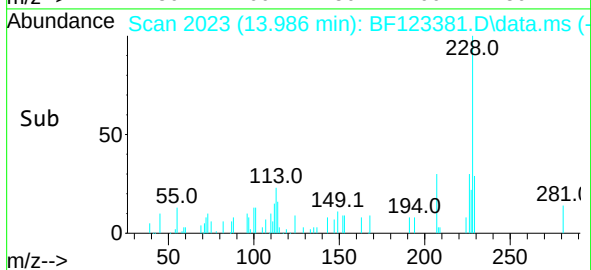
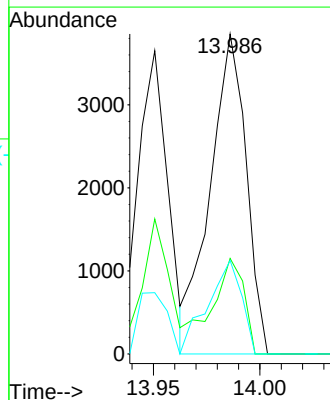
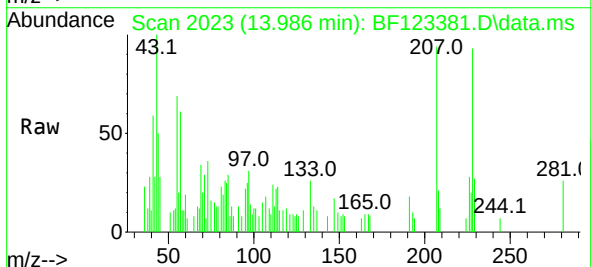
Instrument :
BNA_F
ClientSampleId :
PB135224BS

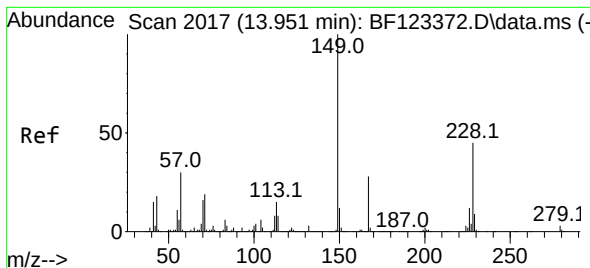
Tgt Ion:228 Resp: 3681
Ion Ratio Lower Upper
228 100
226 44.5 23.0 34.4#
229 20.2 16.6 24.8



#83
Chrysene
Concen: 210.60 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

Tgt Ion:228 Resp: 4530
Ion Ratio Lower Upper
228 100
226 29.8 24.6 36.8
229 29.2 15.8 23.6#

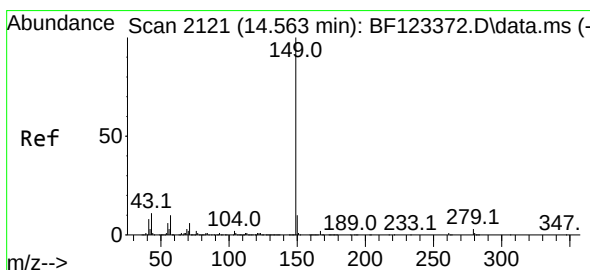
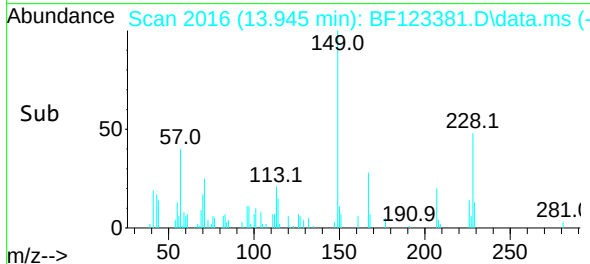
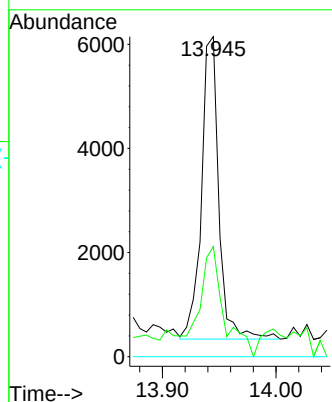
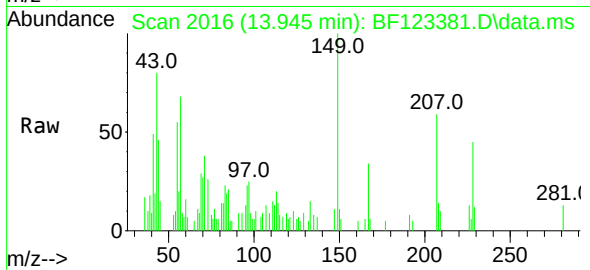




#84
Bis(2-ethylhexyl)phthalate
Concen: 375.46 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

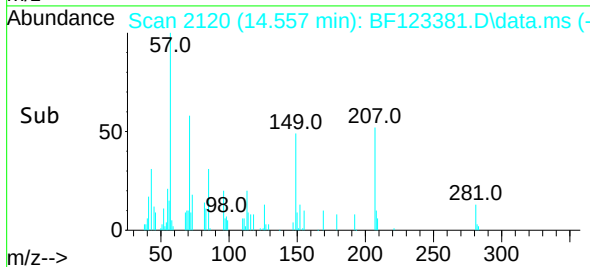
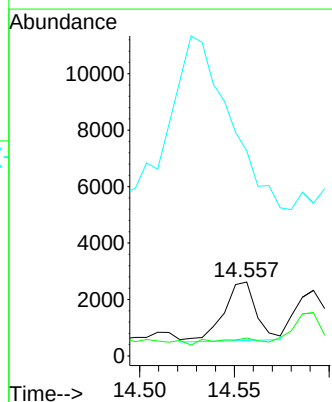
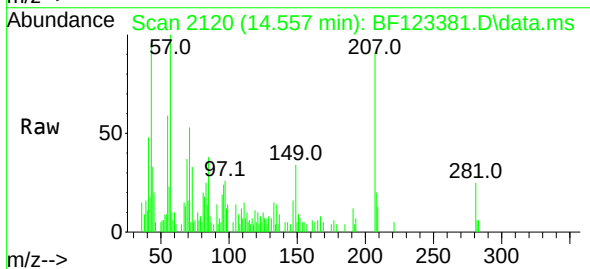
Instrument :
BNA_F
ClientSampleId :
PB135224BS

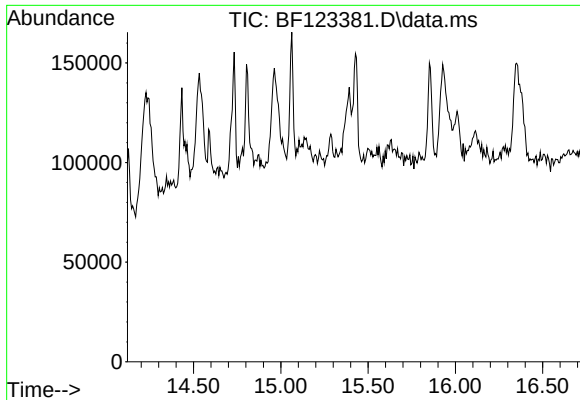
Tgt Ion:149 Resp: 6184
Ion Ratio Lower Upper
149 100
167 34.4 21.4 32.2#
279 0.0 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 88.91 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

Tgt Ion:149 Resp: 2490
Ion Ratio Lower Upper
149 100
167 17.2 1.3 1.9#
43 0.0 7.6 11.4#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 15.42 min

Lab File: BF123381.D
Acq: 18 Mar 2021 13:19

Instrument :
BNA_F
ClientSampleId :
PB135224BS

Tgt Ion: 264
Sig Exp Ratio
264 100
260 23.3
265 21.3

