

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123831.D
 Acq On : 5 May 2021 17:04
 Operator : JU/CG
 Sample : M2119-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12016

Quant Time: May 05 17:28:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

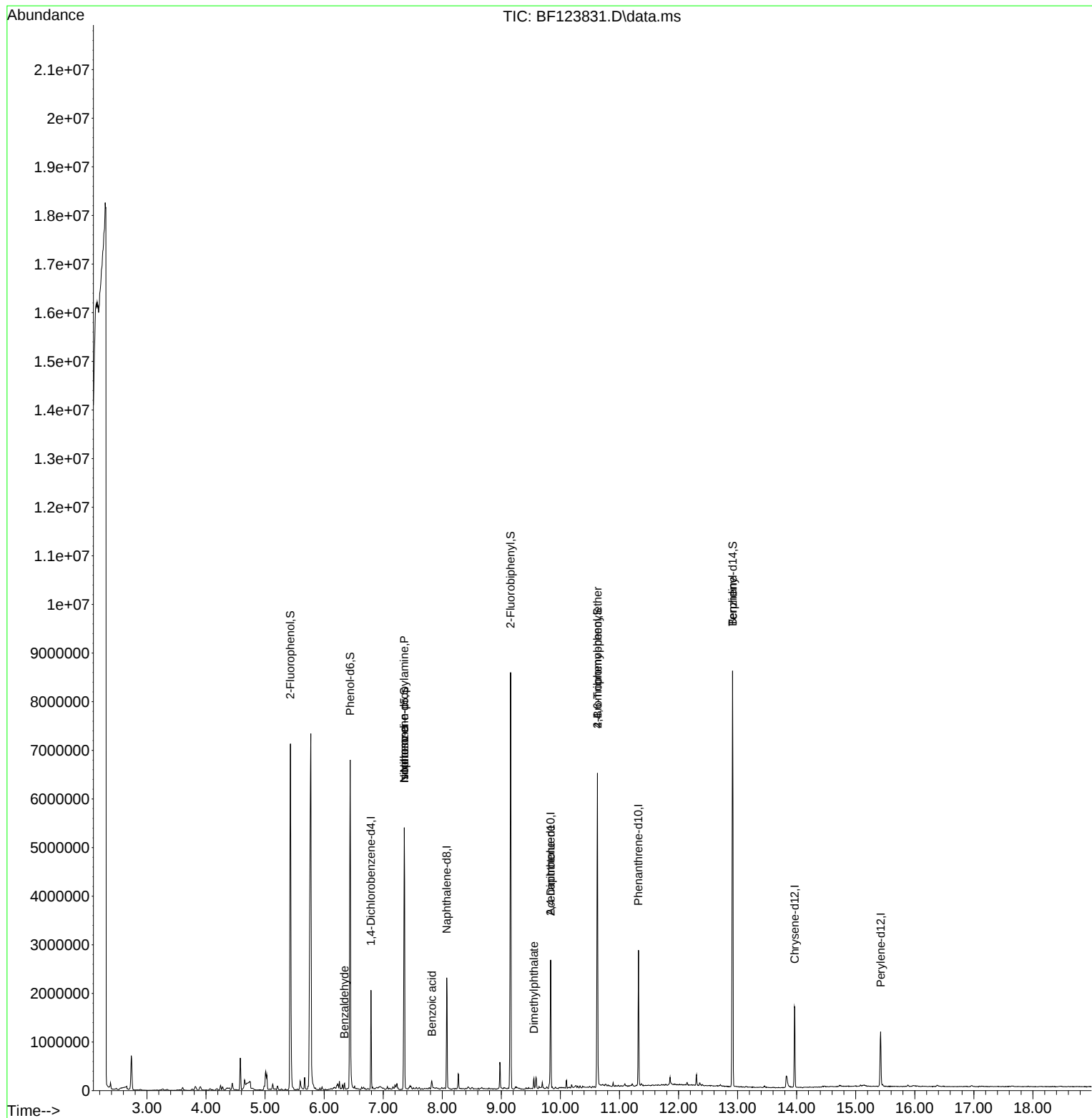
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	246798	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	948970	20.00	ng	0.00
39) Acenaphthene-d10	9.834	164	476967	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	922756	20.00	ng	0.00
76) Chrysene-d12	13.969	240	604983	20.00	ng	0.00
86) Perylene-d12	15.421	264	496633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1880573	120.72	ng	0.02
7) Phenol-d6	6.440	99	2160410	100.67	ng	0.00
23) Nitrobenzene-d5	7.357	82	1794583	85.37	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	767649	129.28	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2749733	83.96	ng	0.00
79) Terphenyl-d14	12.916	244	2879936	91.67	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.346	77	24918	2.40	ng	98
19) n-Nitroso-di-n-propyla...	7.357	70	249684	18.84	ng	# 75
25) Isophorone	7.357	82	1787694	45.35	ng	# 69
32) Benzoic acid	7.822	122	31354	8.28	ng	94
50) Dimethylphthalate	9.551	163	76555	2.28	ng	99
57) 2,4-Dinitrotoluene	9.834	165	62122	5.87	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	42664	4.39	ng	# 1
77) Benzidine	12.916	184	39775	2.54	ng	96

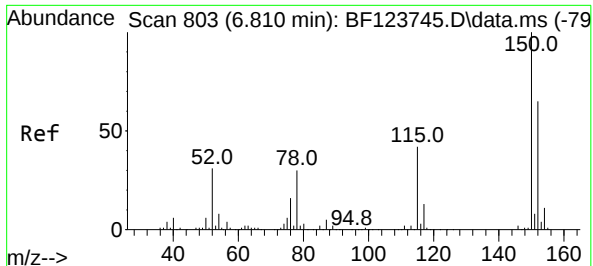
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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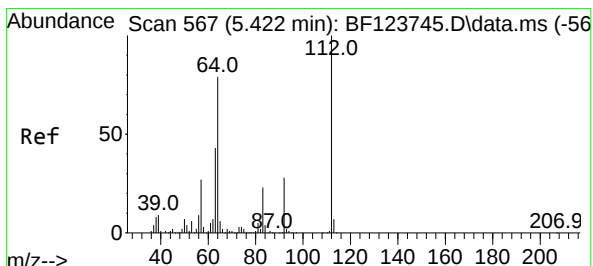
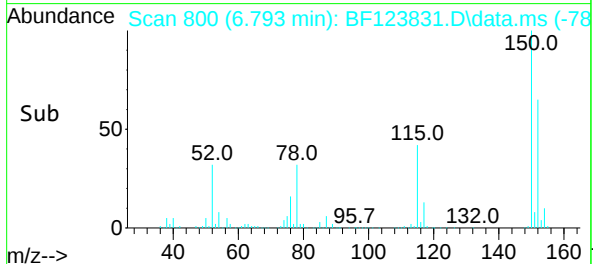
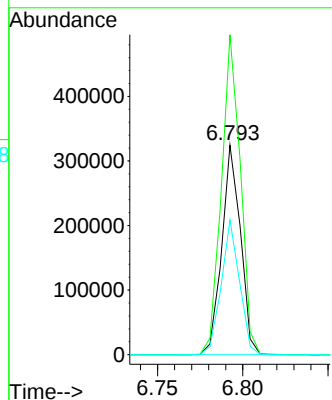
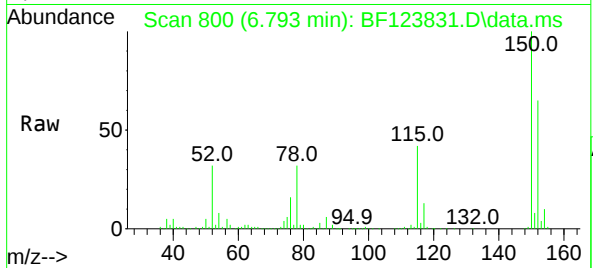




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

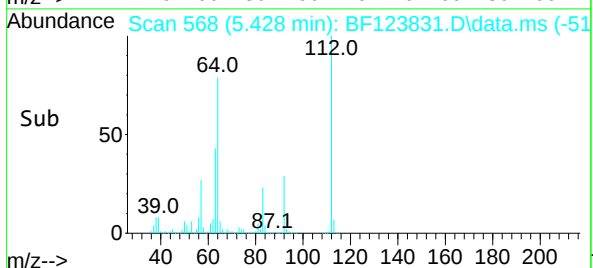
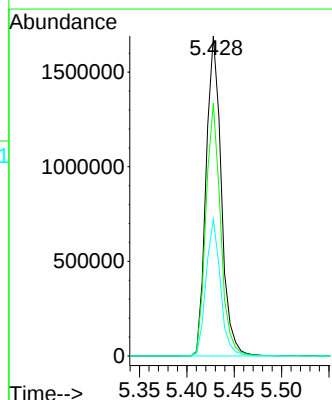
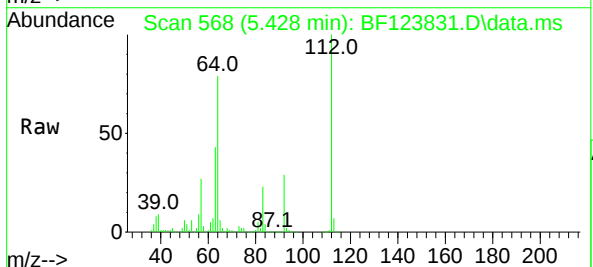
Instrument :
BNA_F
ClientSampleId :
12016

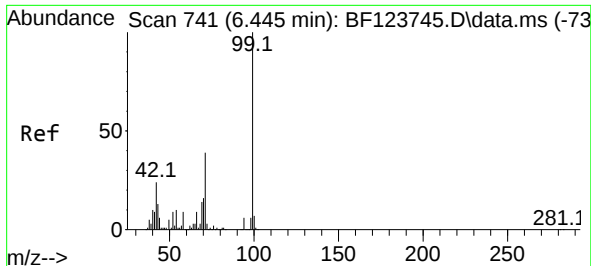
Tgt Ion:152 Resp: 246798
Ion Ratio Lower Upper
152 100
150 152.8 127.0 190.6
115 64.4 54.3 81.5



#5
2-Fluorophenol
Concen: 120.72 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.018 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion:112 Resp: 1880573
Ion Ratio Lower Upper
112 100
64 79.0 61.4 92.0
63 42.7 33.0 49.4

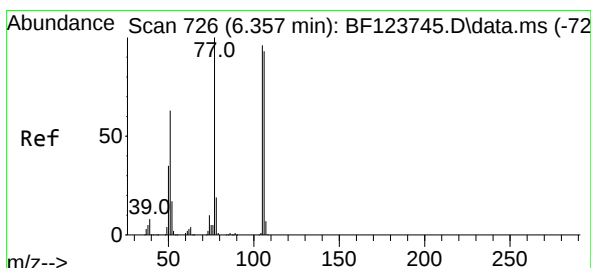
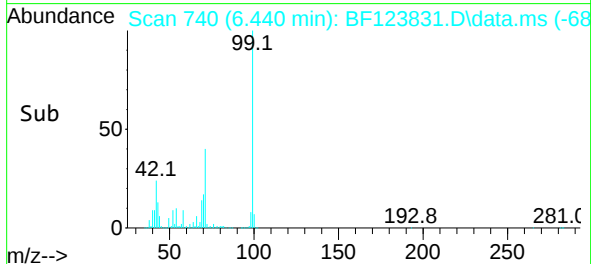
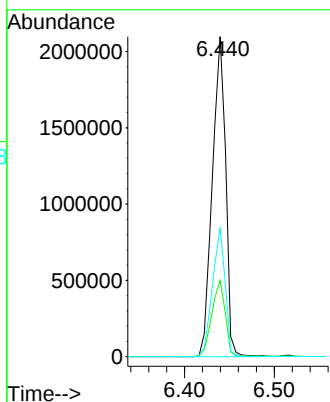
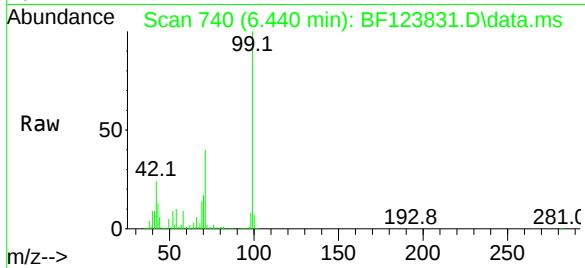




#7
Phenol-d6
Concen: 100.67 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

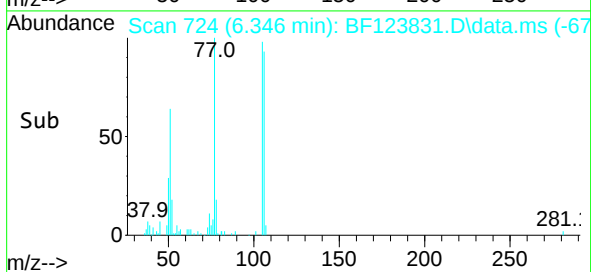
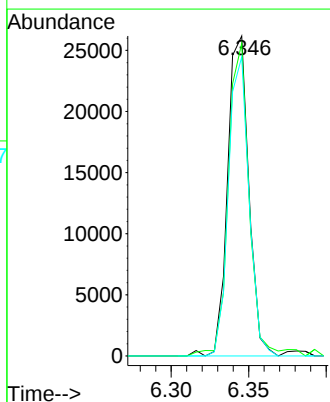
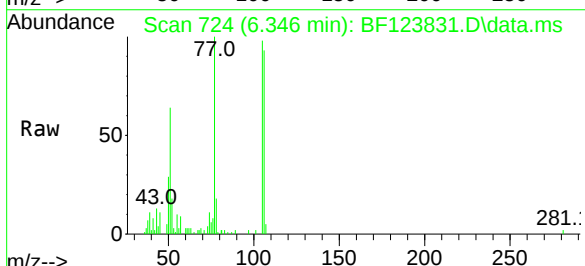
Instrument :
BNA_F
ClientSampleId :
12016

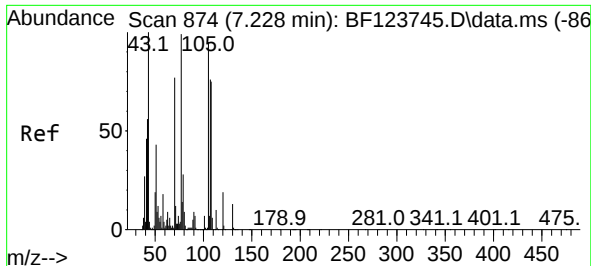
Tgt Ion: 99 Resp: 2160410
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.8
71 40.2 31.1 46.7



#9
Benzaldehyde
Concen: 2.40 ng
RT: 6.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

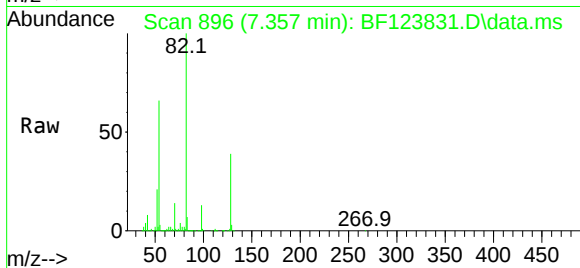
Tgt Ion: 77 Resp: 24918
Ion Ratio Lower Upper
77 100
105 97.7 75.2 115.2
106 93.4 71.6 111.6



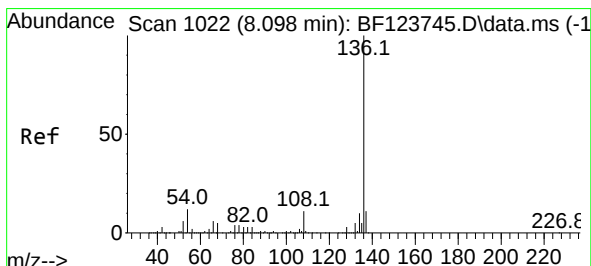
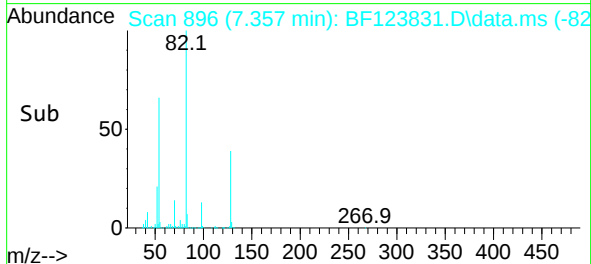
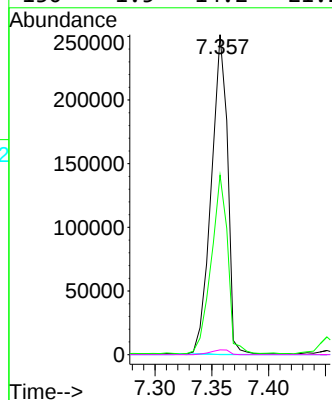


#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Instrument :
BNA_F
ClientSampleId :
12016

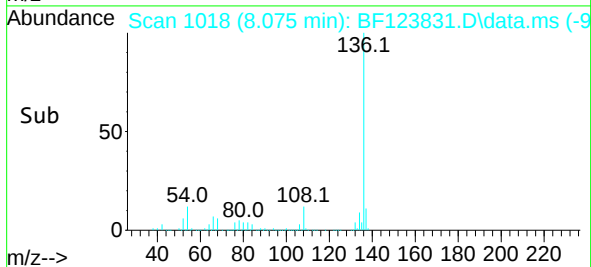
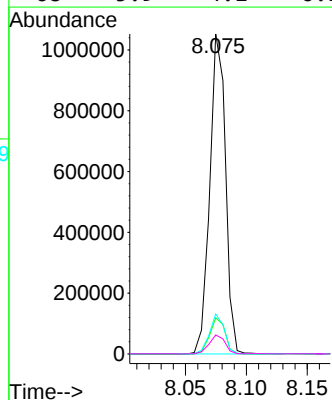
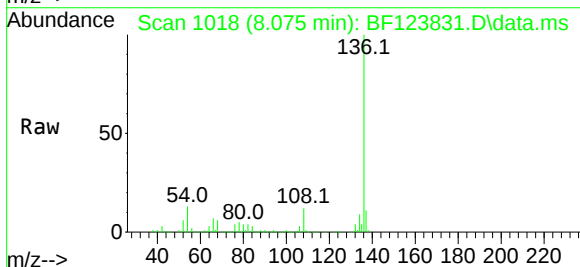


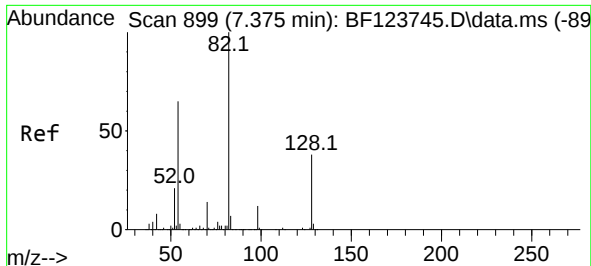
Tgt Ion: 70 Resp: 249684
Ion Ratio Lower Upper
70 100
42 56.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion: 136 Resp: 948970
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 12.5 9.8 14.6
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.37 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123831.D

Acq: 5 May 2021 17:04

Tgt Ion: 82 Resp: 1794583

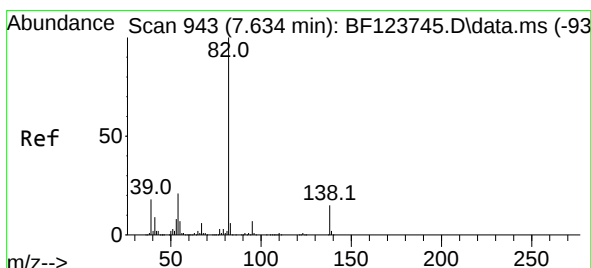
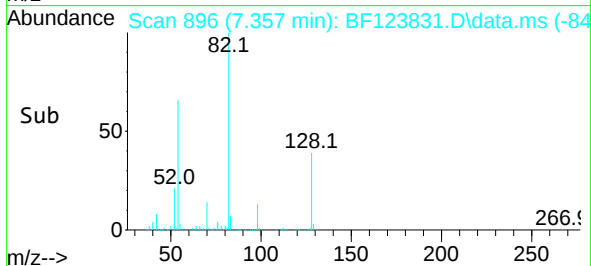
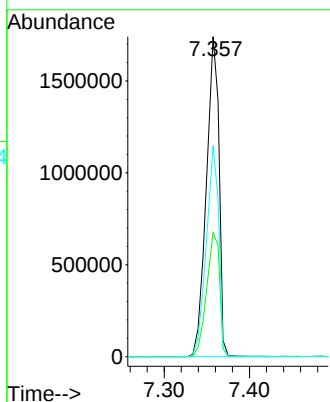
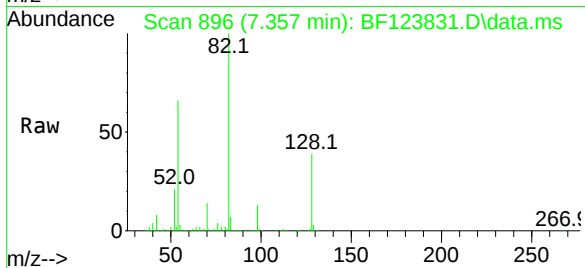
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	65.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

12016



#25

Isophorone

Concen: 45.35 ng

RT: 7.357 min Scan# 896

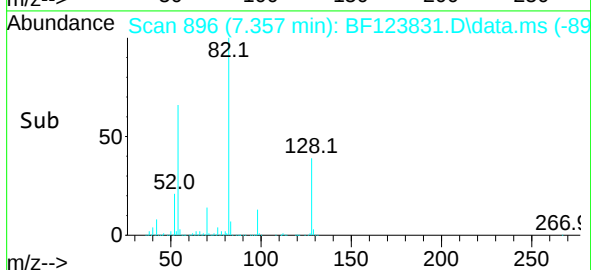
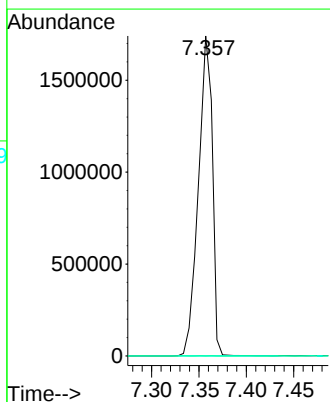
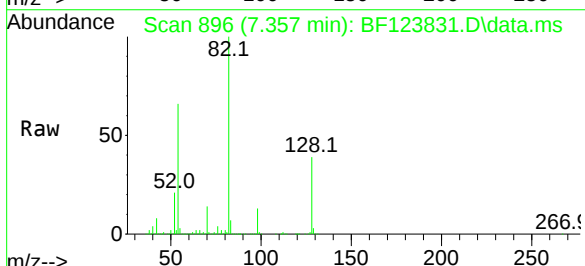
Delta R.T. -0.265 min

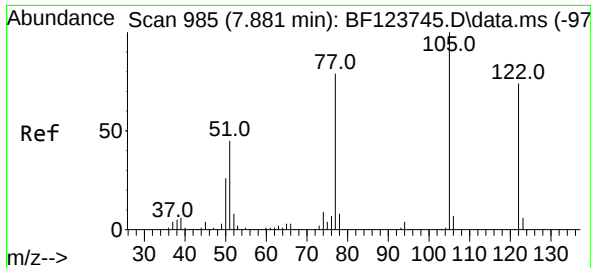
Lab File: BF123831.D

Acq: 5 May 2021 17:04

Tgt Ion: 82 Resp: 1787694

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

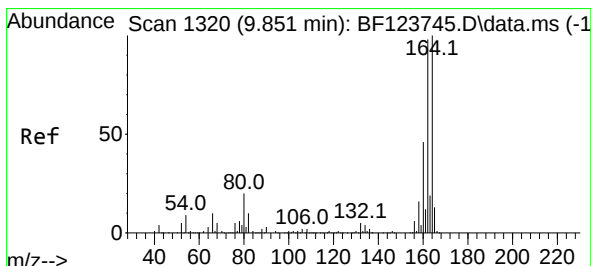
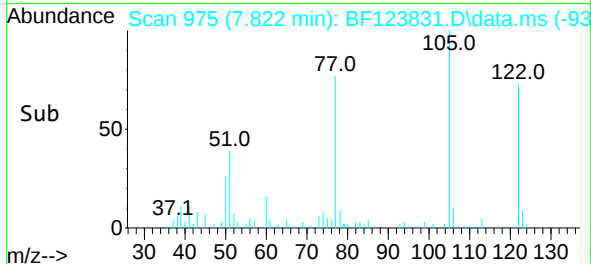
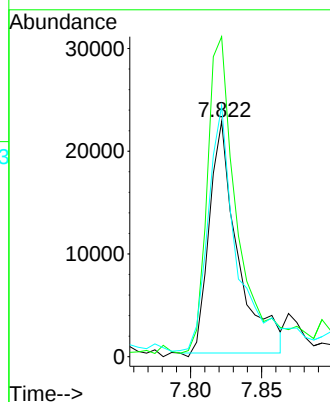
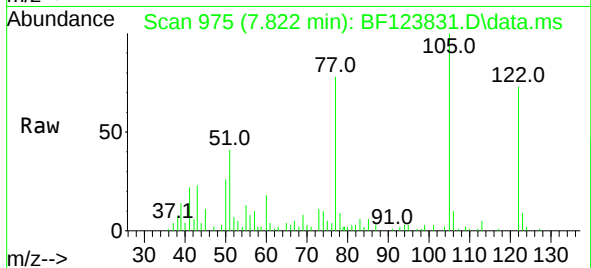




#32
Benzoic acid
Concen: 8.28 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.053 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

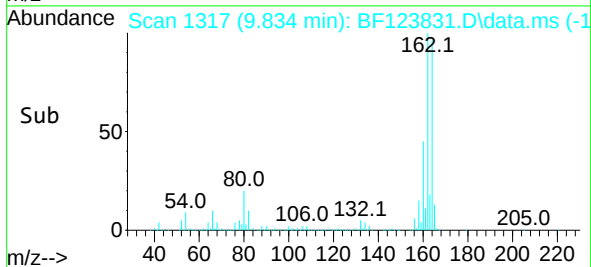
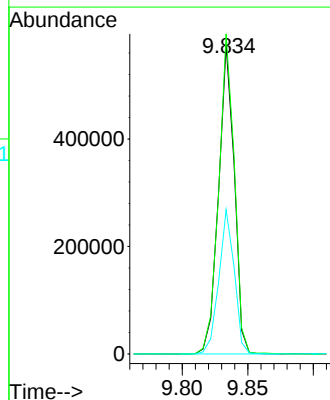
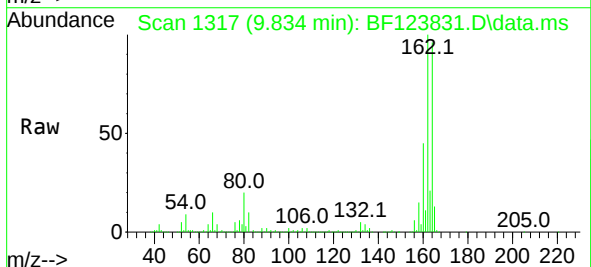
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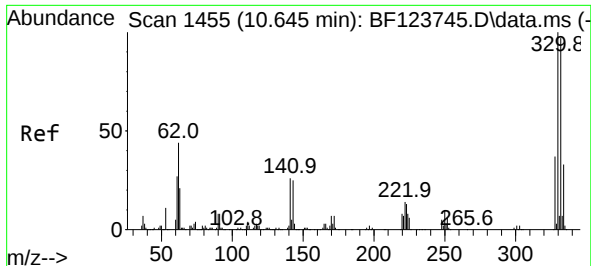
Tgt Ion:122 Resp: 31354
Ion Ratio Lower Upper
122 100
105 136.1 107.8 147.8
77 106.6 81.6 121.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

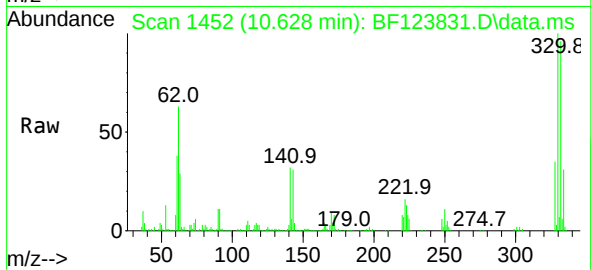
Tgt Ion:164 Resp: 476967
Ion Ratio Lower Upper
164 100
162 103.7 80.7 121.1
160 46.8 37.3 55.9



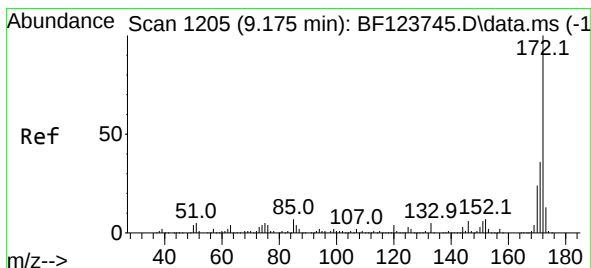
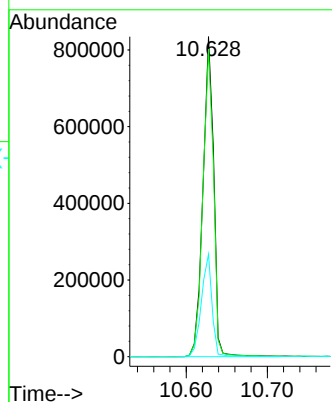
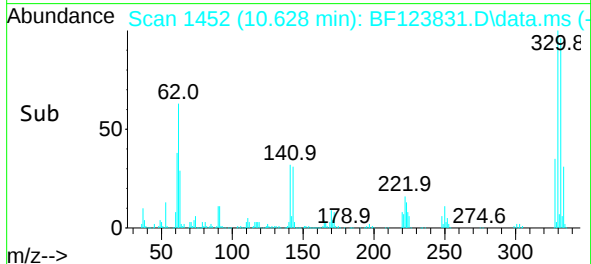


#42
2,4,6-Tribromophenol
Concen: 129.28 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

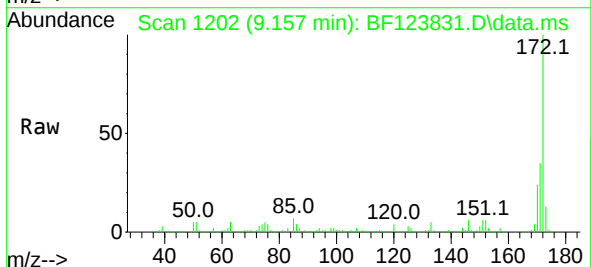
Instrument :
BNA_F
ClientSampleId :
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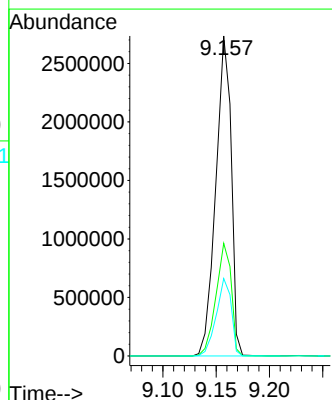
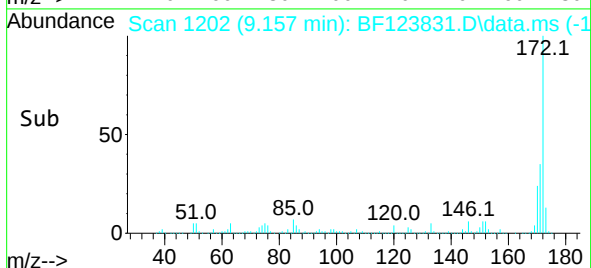
Tgt Ion: 330 Resp: 767649
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 32.0 27.9 41.9

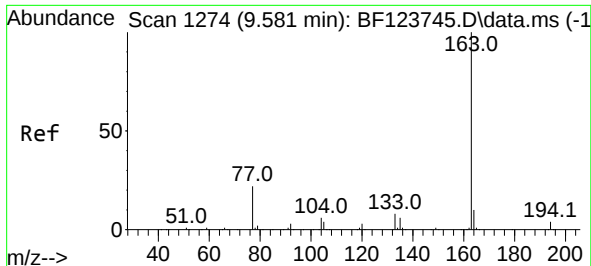


#45
2-Fluorobiphenyl
Concen: 83.96 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04



Tgt Ion: 172 Resp: 2749733
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.2 19.2 28.8

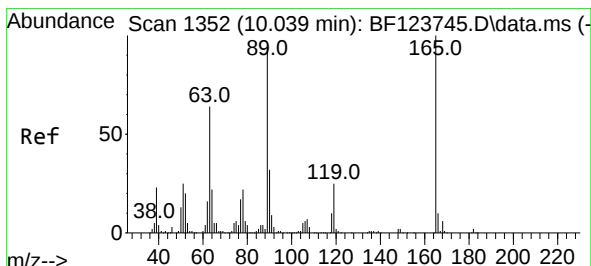
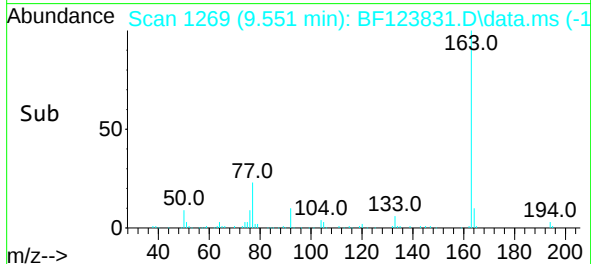
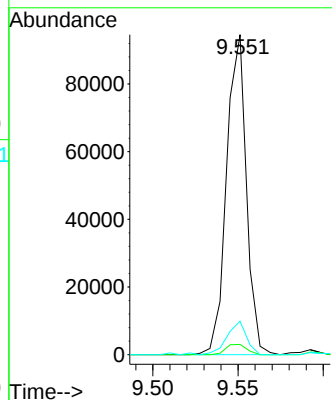
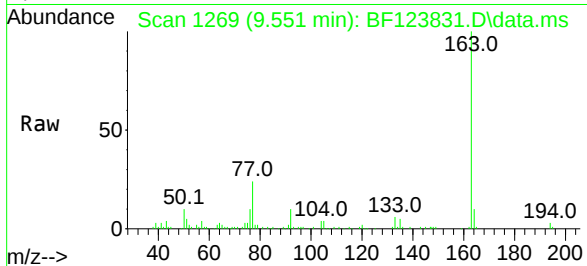




#50
Dimethylphthalate
Concen: 2.28 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

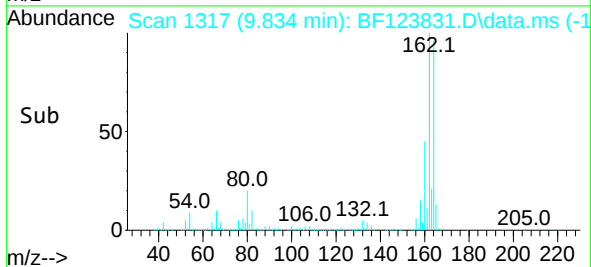
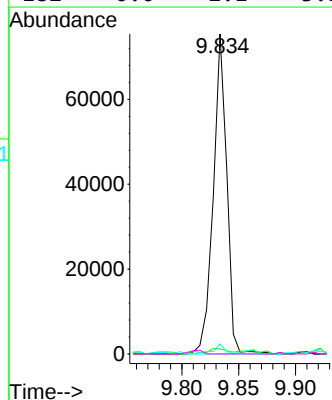
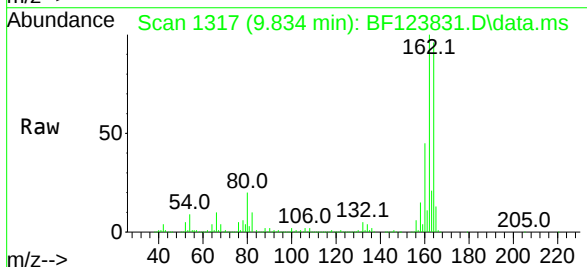
Instrument :
BNA_F
ClientSampleId :
12016

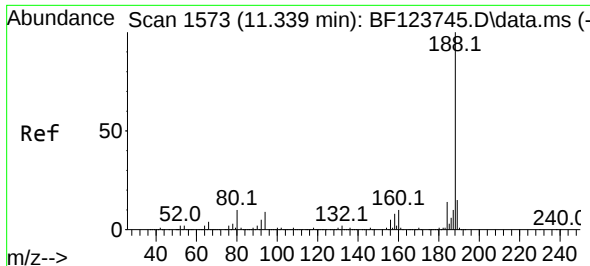
Tgt Ion:163 Resp: 76555
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 10.5 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion:165 Resp: 62122
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

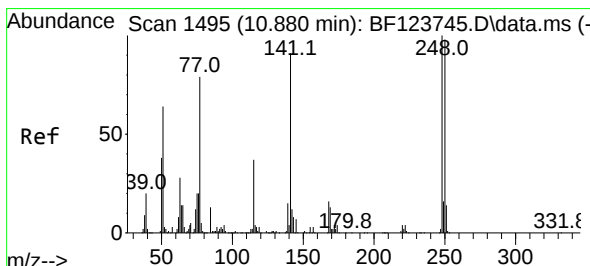
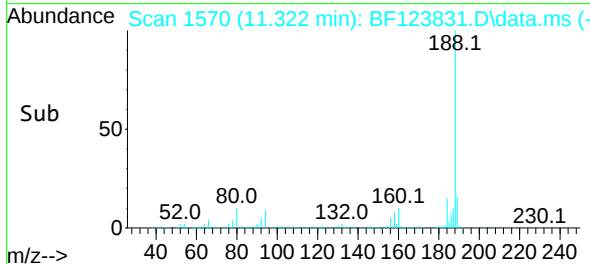
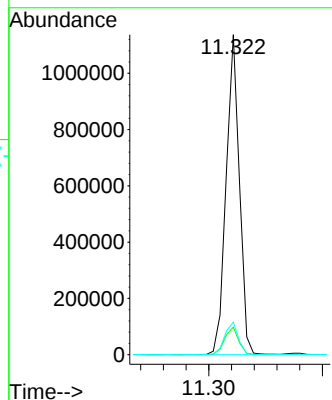
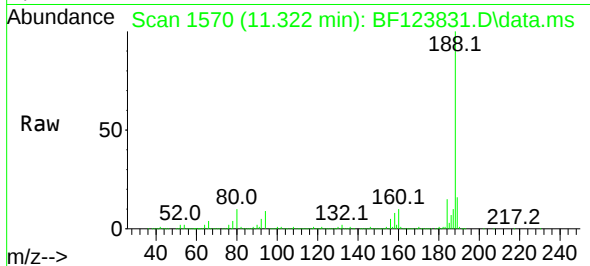




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

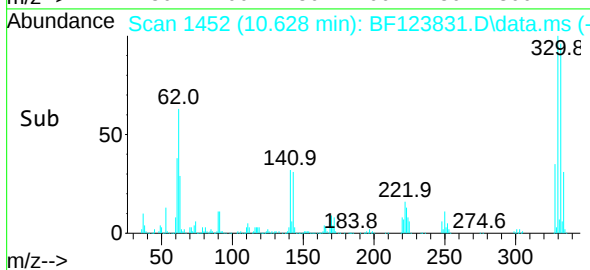
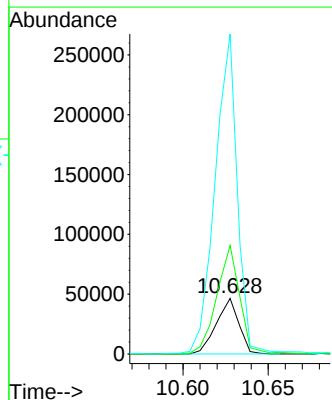
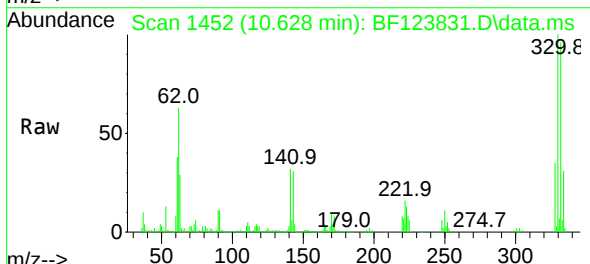
Instrument :
BNA_F
ClientSampleId :
12016

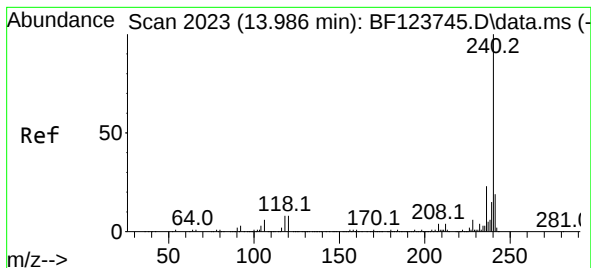
Tgt Ion:188 Resp: 922756
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion:248 Resp: 42664
Ion Ratio Lower Upper
248 100
250 195.3 77.4 116.2#
141 576.2 63.7 95.5#

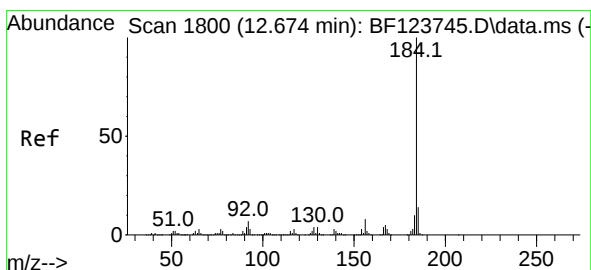
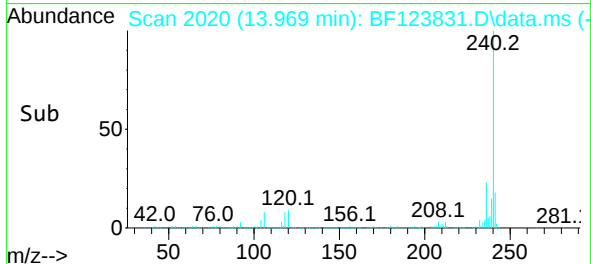
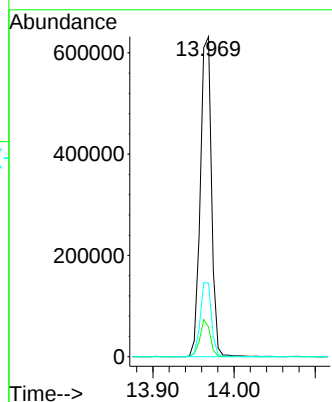
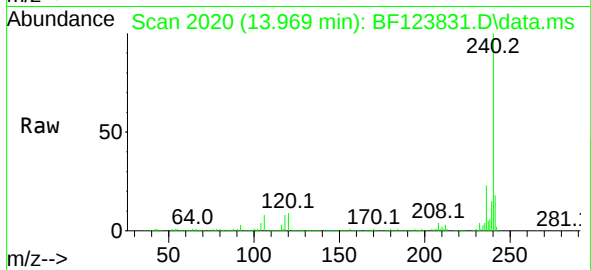




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

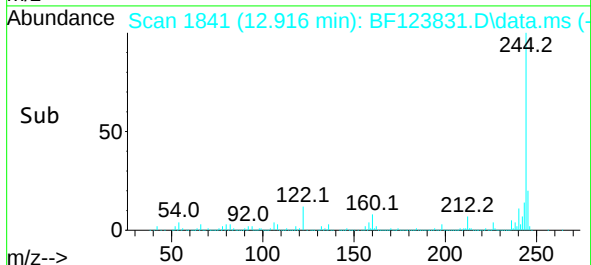
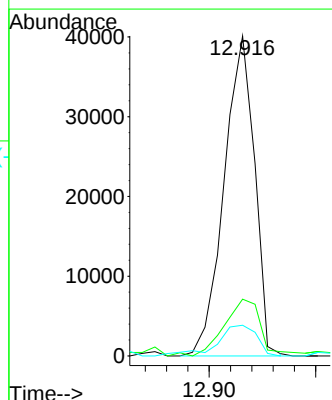
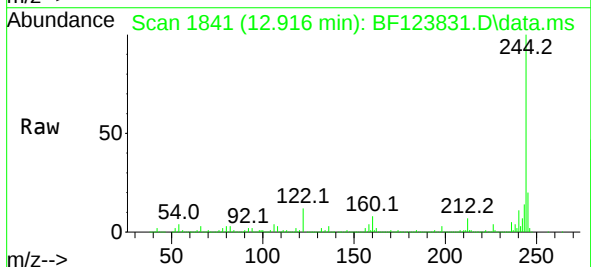
Instrument :
BNA_F
ClientSampled :
12016

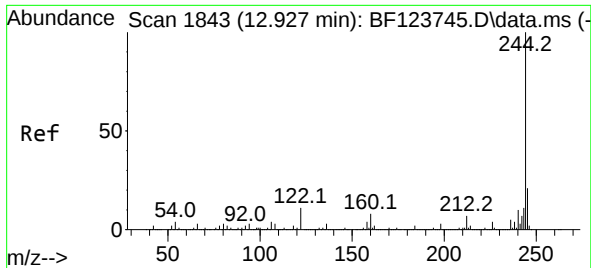
Tgt Ion:240 Resp: 604983
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 22.9 19.0 28.4



#77
Benzidine
Concen: 2.54 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.253 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

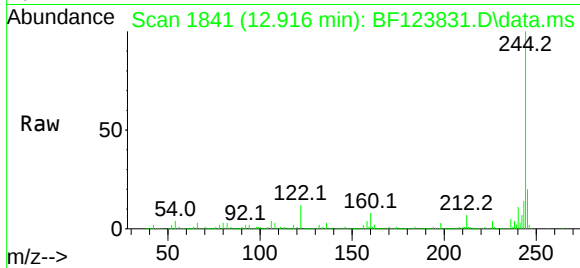
Tgt Ion:184 Resp: 39775
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 9.6 7.8 11.8





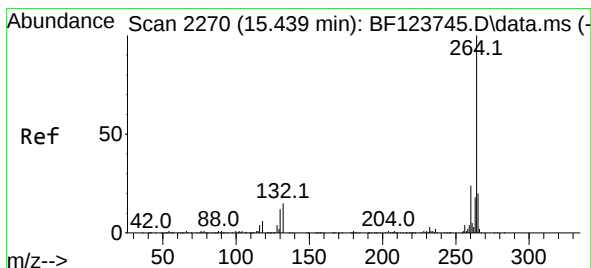
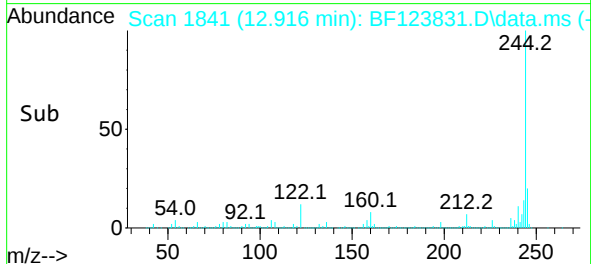
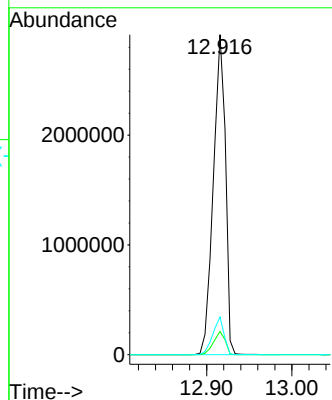
#79
 Terphenyl-d14
 Concen: 91.67 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF123831.D
 Acq: 5 May 2021 17:04

Instrument :
 BNA_F
 ClientSampleId :
 12016



Tgt Ion:244 Resp: 2879936

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.8	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF123831.D
 Acq: 5 May 2021 17:04

Tgt Ion:264 Resp: 496633

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.5	17.8	26.8

