

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123716.D
 Acq On : 24 Apr 2021 14:42
 Operator : JU/CG
 Sample : M2149-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-9.5-10.0

Quant Time: Apr 26 02:59:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

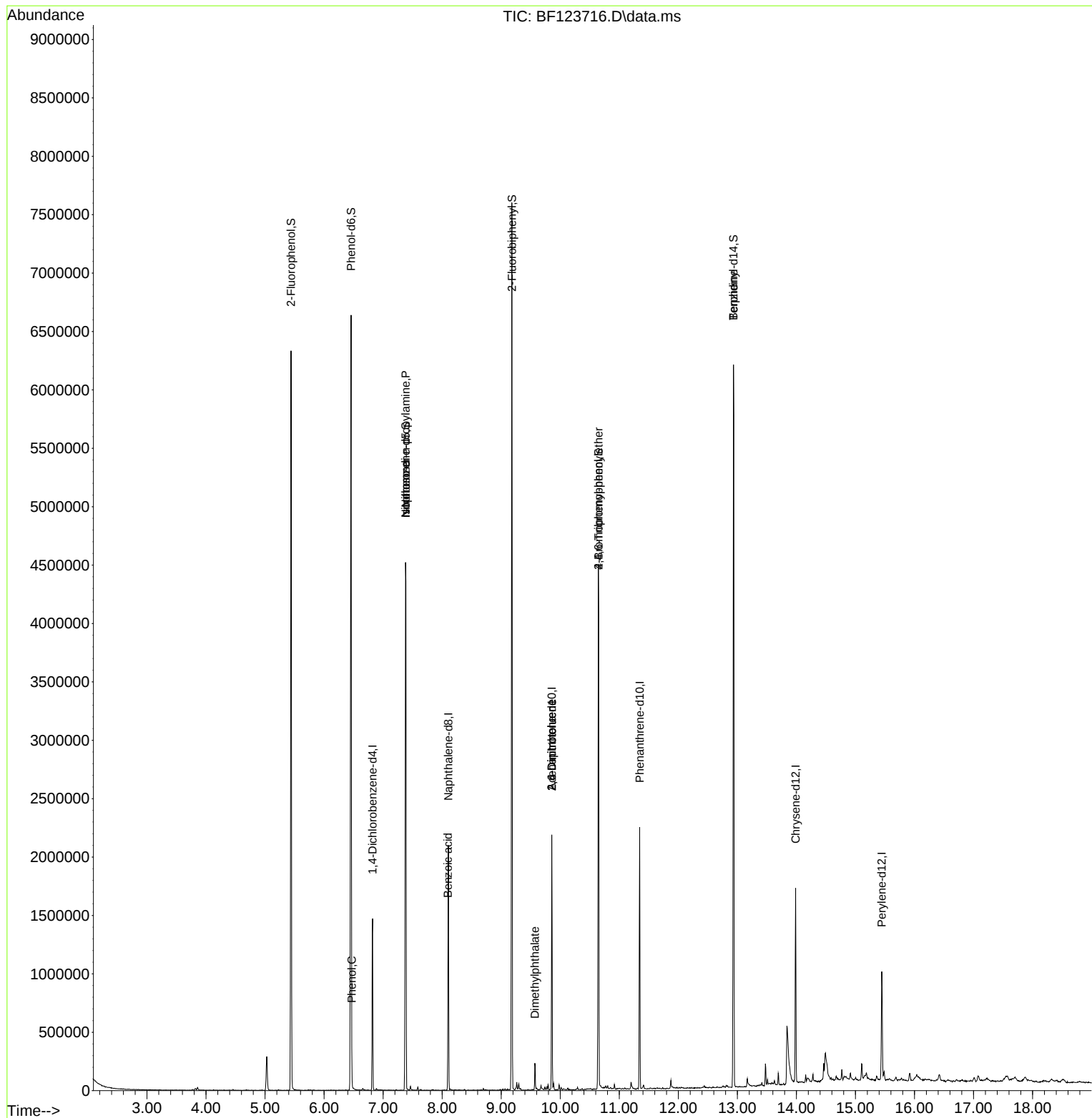
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	203329	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	757504	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	374200	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	723757	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	540520	20.00	ng	-0.04
86) Perylene-d12	15.445	264	401242	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1425500	113.31	ng	-0.02
7) Phenol-d6	6.457	99	2004561	114.99	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1521766	92.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	531856	125.51	ng	-0.02
45) 2-Fluorobiphenyl	9.180	172	2135959	85.09	ng	-0.02
79) Terphenyl-d14	12.933	244	2156562	77.54	ng	-0.03
Target Compounds						
						Qvalue
10) Phenol	6.469	94	53544	2.89	ng	93
19) n-Nitroso-di-n-propyla...	7.381	70	206888	17.92	ng	# 73
25) Isophorone	7.381	82	1521752	47.60	ng	# 69
32) Benzoic acid	8.098	122	120	4.56	ng	# 1
50) Dimethylphthalate	9.569	163	78091	3.02	ng	# 98
51) 2,6-Dinitrotoluene	9.857	165	46894	8.26	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	46894	6.19	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	29171	3.86	ng	# 1
77) Benzidine	12.933	184	30357	2.07	ng	# 93
89) Benzo(k)fluoranthene	15.051	252	491	Below	Cal	# 1
92) Benzo(g,h,i)perylene	17.333	276	885	Below	Cal	# 56

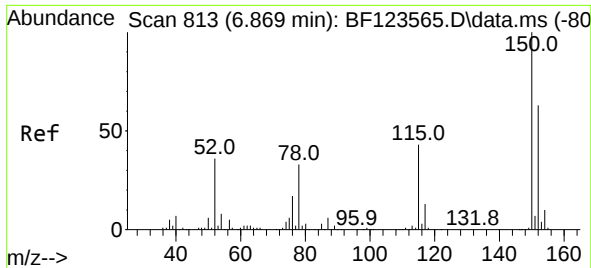
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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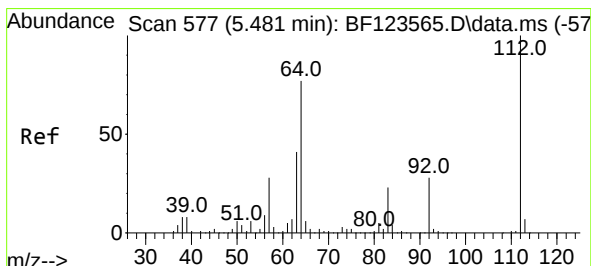
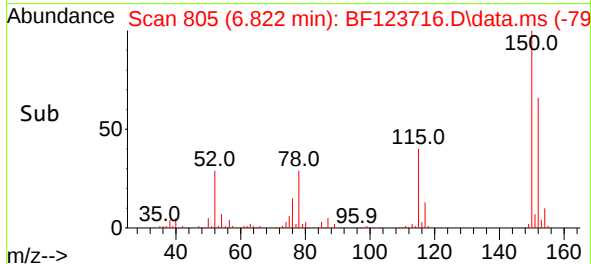
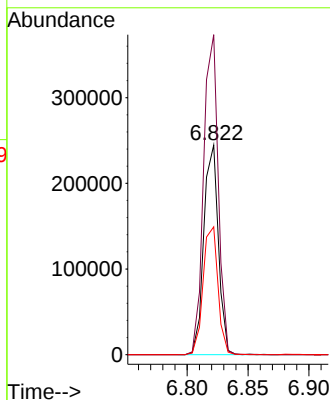
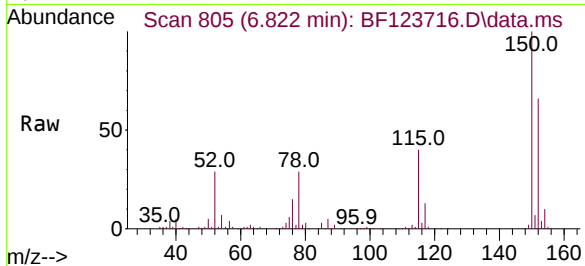




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

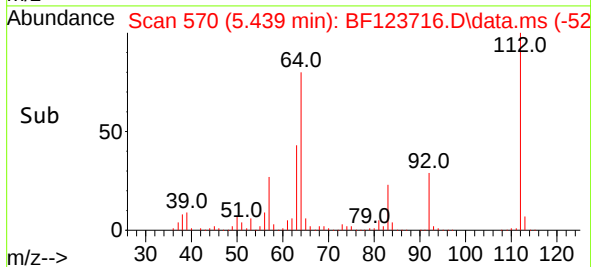
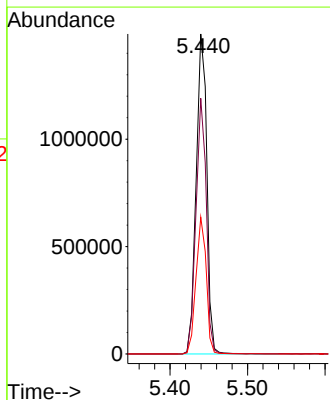
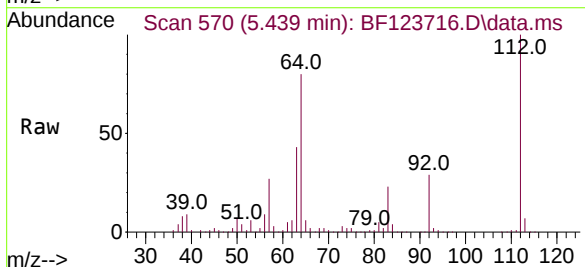
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

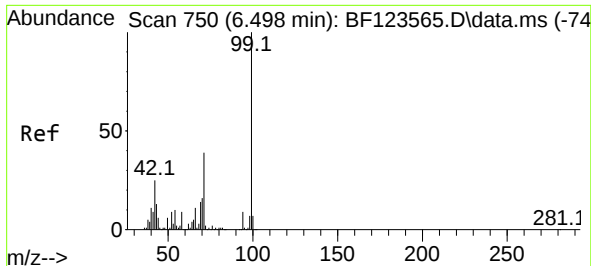
Tgt Ion:152 Resp: 203329
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.6
115 61.0 54.3 81.5



#5
2-Fluorophenol
Concen: 113.31 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion:112 Resp: 1425500
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 42.8 33.0 49.4



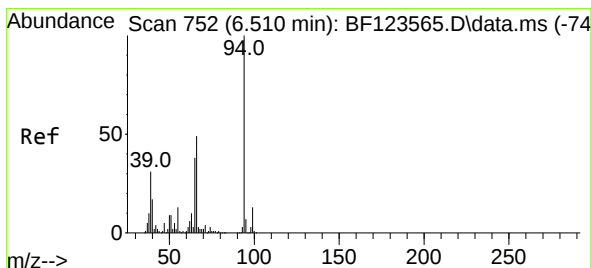
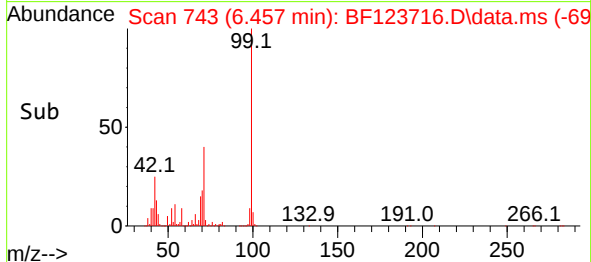
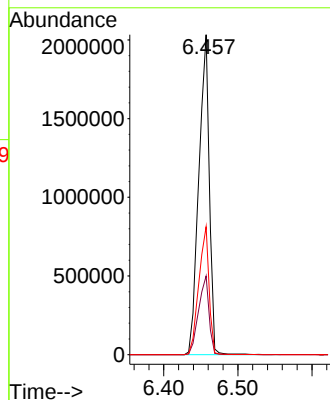
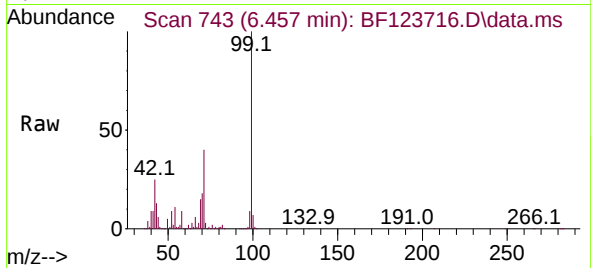


#7
Phenol-d6
Concen: 114.99 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

Tgt Ion: 99 Resp: 2004561

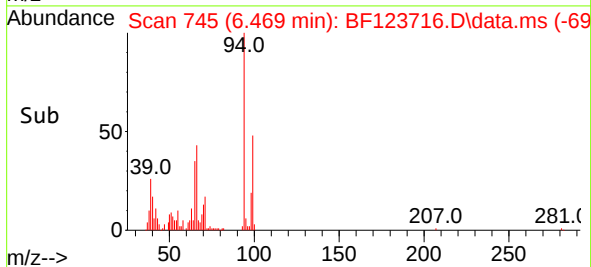
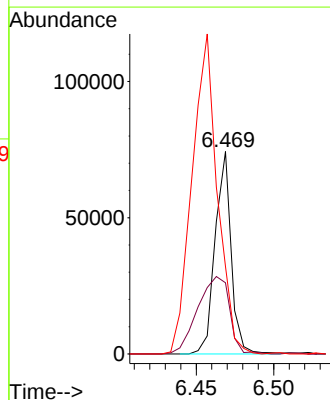
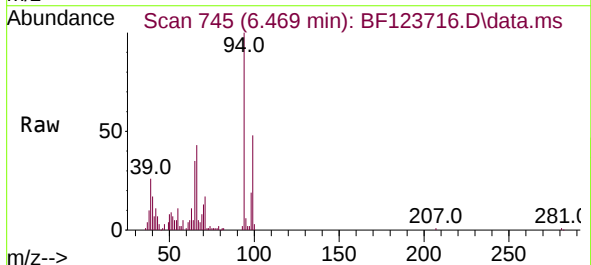
Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.8	29.8
71	40.0	31.1	46.7

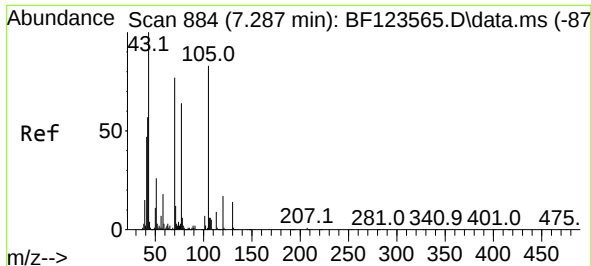


#10
Phenol
Concen: 2.89 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.024 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion: 94 Resp: 53544

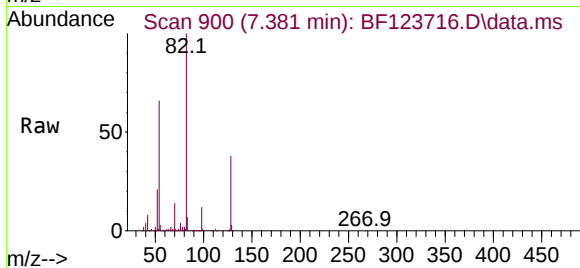
Ion	Ratio	Lower	Upper
94	100		
65	35.1	18.1	58.1
66	43.2	29.0	69.0



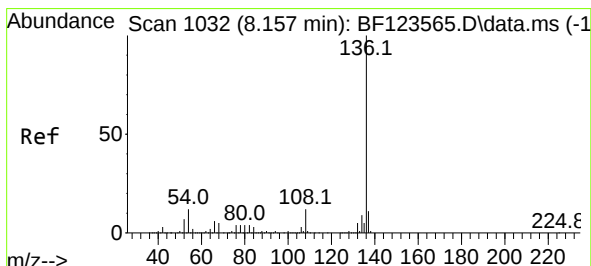
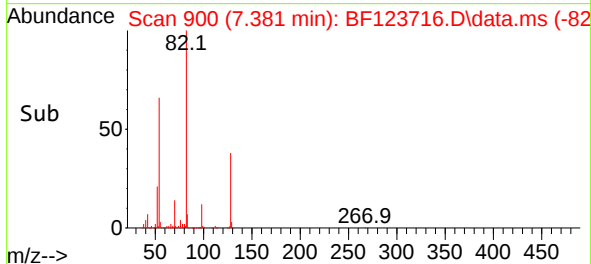
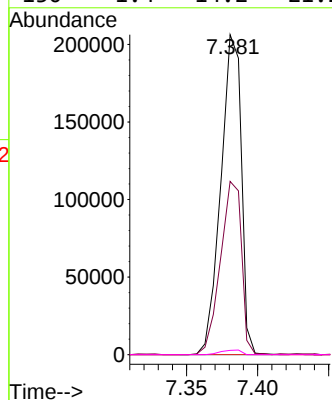


#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.124 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

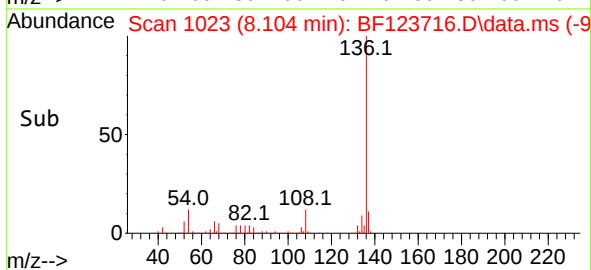
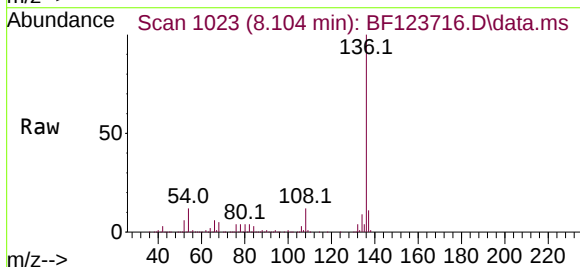
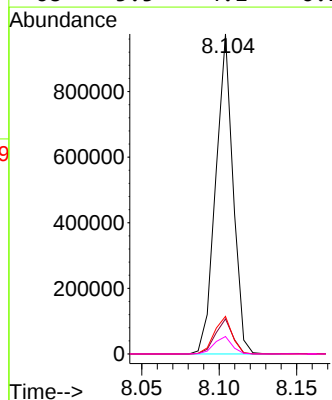


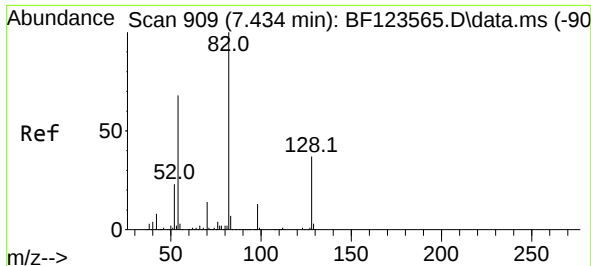
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.2	60.1	90.1#
101	0.0	7.4	11.2#
130	1.4	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.8	9.8	14.6
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 92.35 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.024 min

Lab File: BF123716.D

Acq: 24 Apr 2021 14:42

Tgt Ion: 82 Resp: 1521766

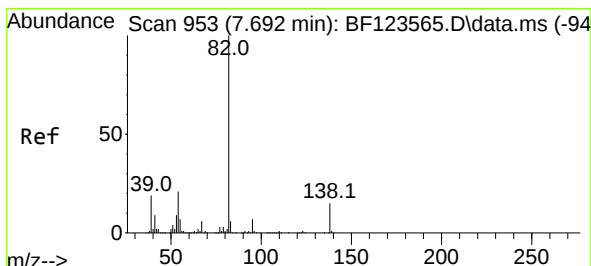
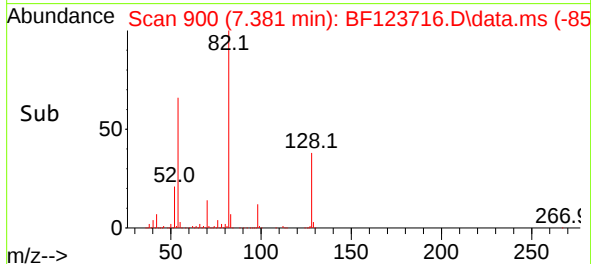
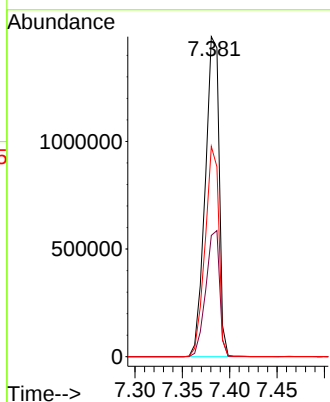
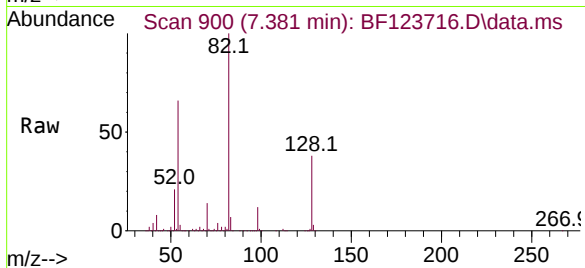
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	65.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-40-9.5-10.0



#25

Isophorone

Concen: 47.60 ng

RT: 7.381 min Scan# 900

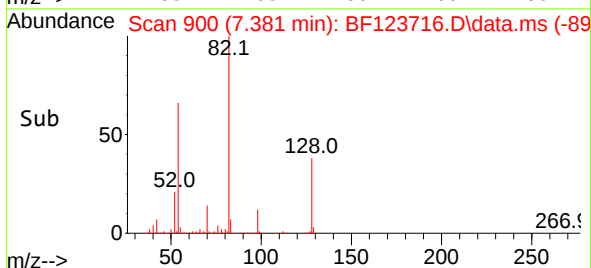
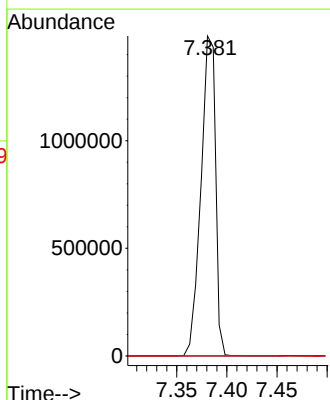
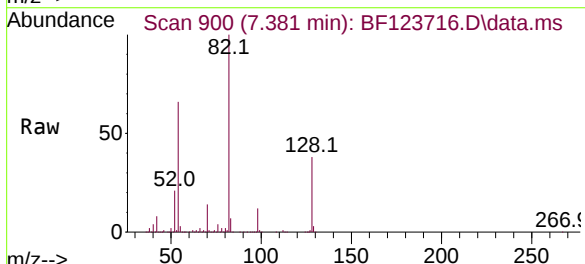
Delta R.T. -0.282 min

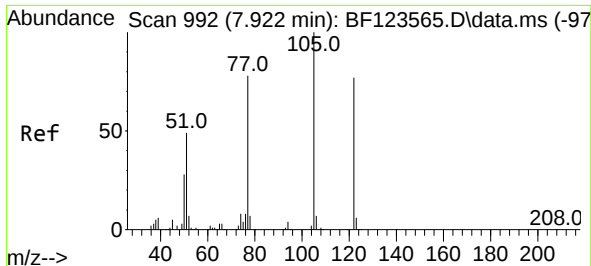
Lab File: BF123716.D

Acq: 24 Apr 2021 14:42

Tgt Ion: 82 Resp: 1521752

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

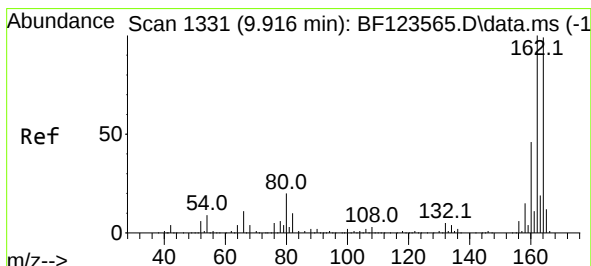
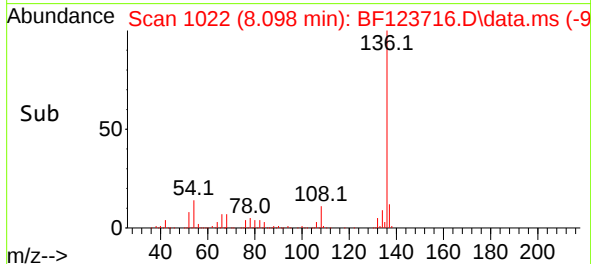
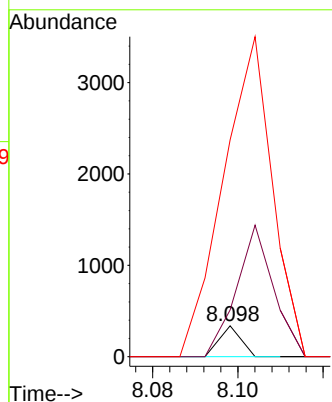
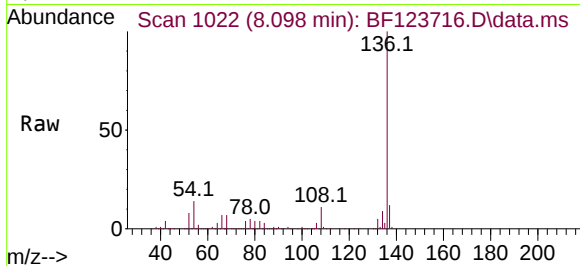




#32
Benzoic acid
Concen: 4.56 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.200 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

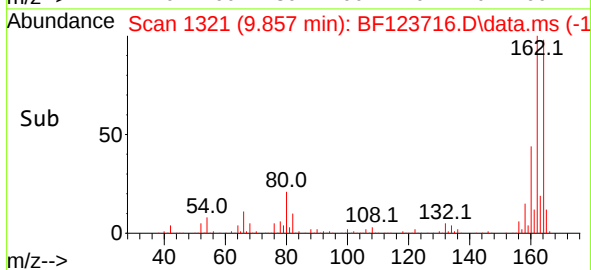
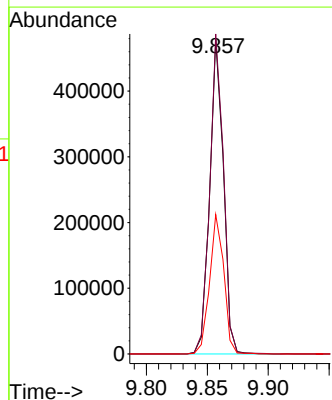
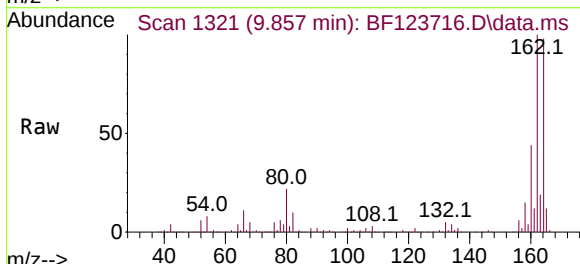
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

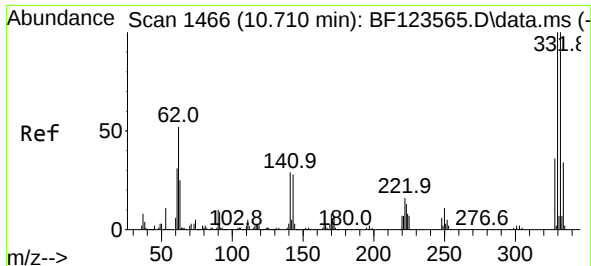
Tgt Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 150.7 107.8 147.8#
77 700.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion:164 Resp: 374200
Ion Ratio Lower Upper
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162 101.8 80.7 121.1
160 44.4 37.3 55.9

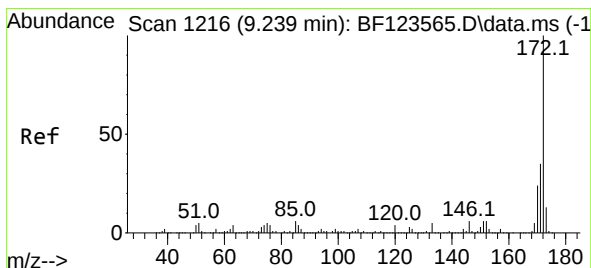
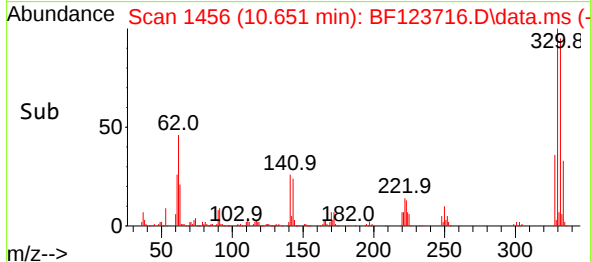
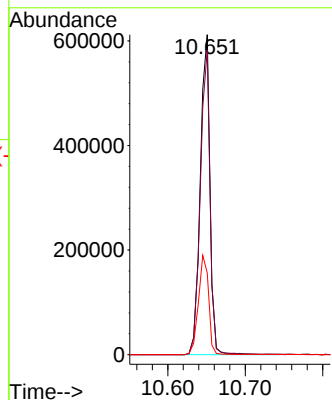
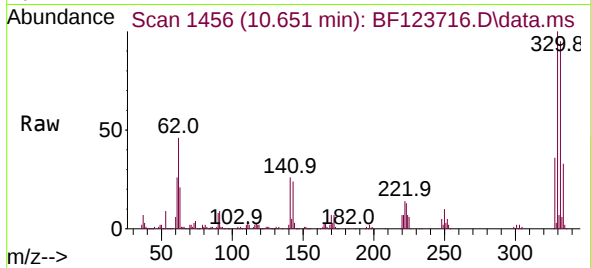




#42
2,4,6-Tribromophenol
Concen: 125.51 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

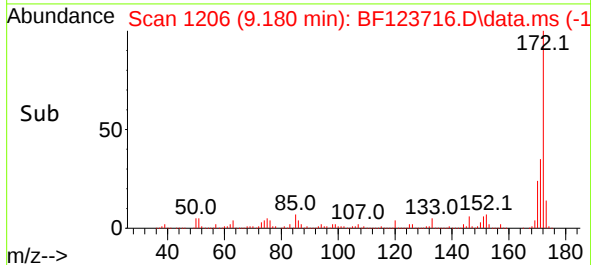
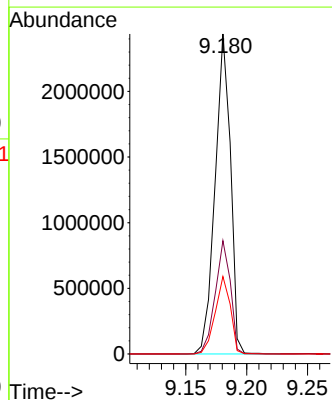
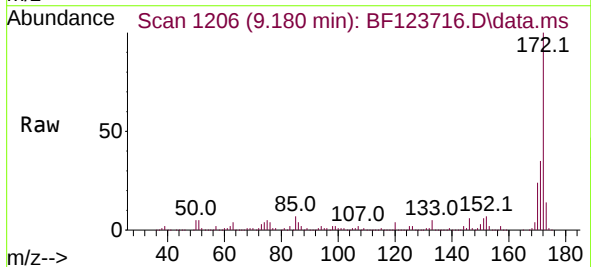
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BNA_F
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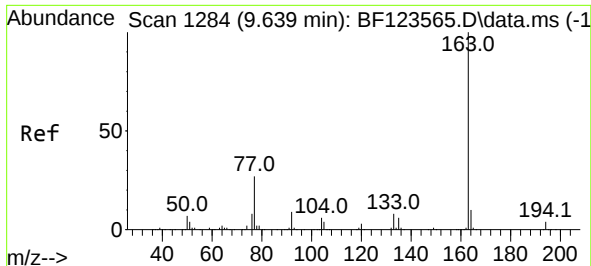
Tgt Ion: 330 Resp: 531856
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 32.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 85.09 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.024 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion: 172 Resp: 2135959
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.2 19.2 28.8

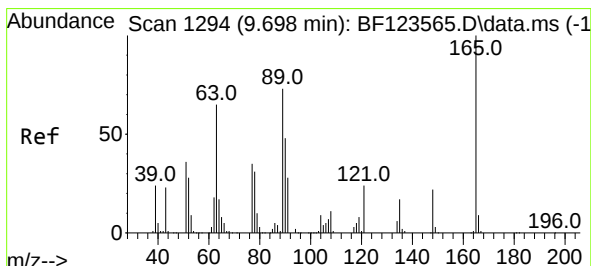
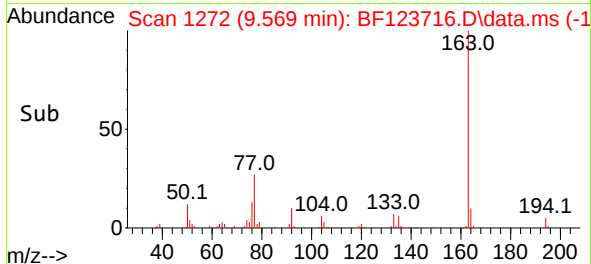
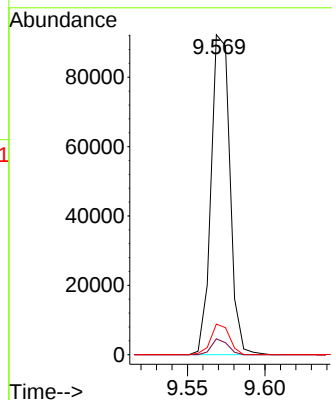
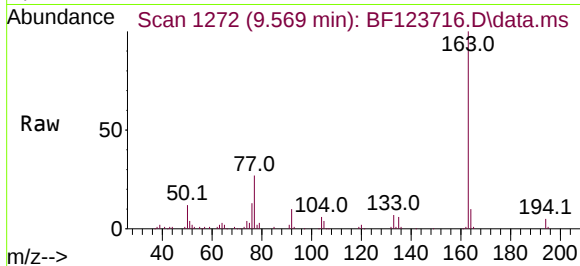




#50
Dimethylphthalate
Concen: 3.02 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.041 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

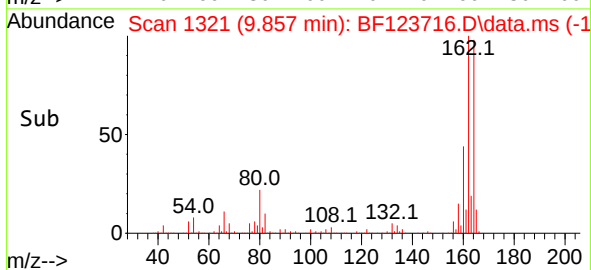
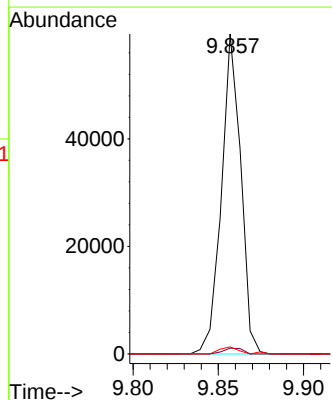
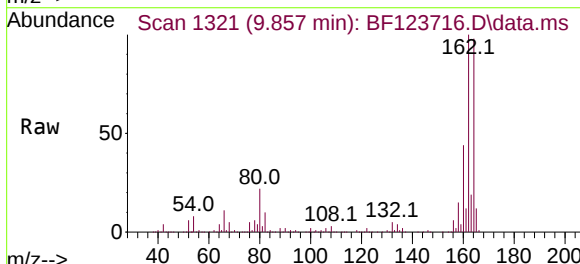
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

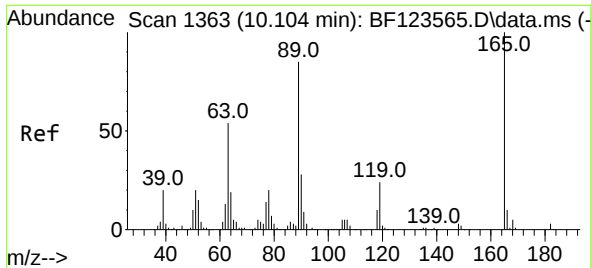
Tgt Ion:163 Resp: 78091
Ion Ratio Lower Upper
163 100
194 4.9 3.1 4.7#
164 9.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion:165 Resp: 46894
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 2.2 58.8 88.2#

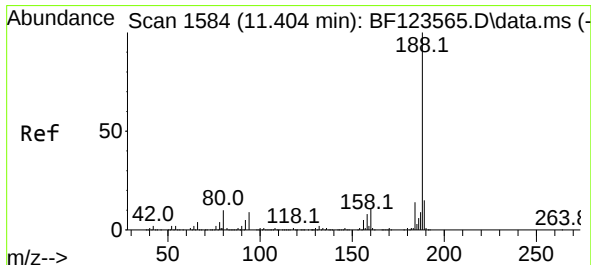
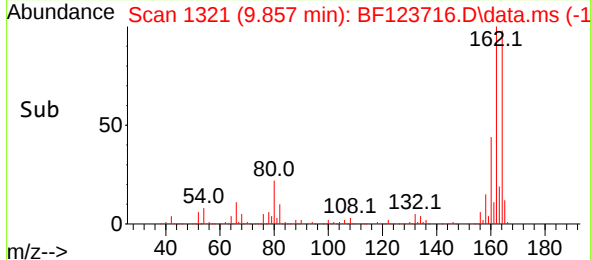
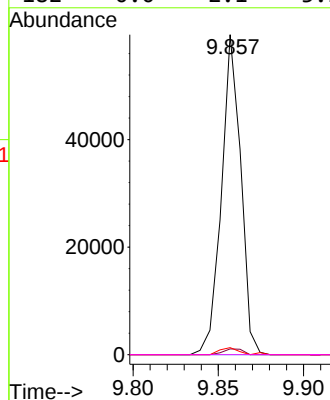
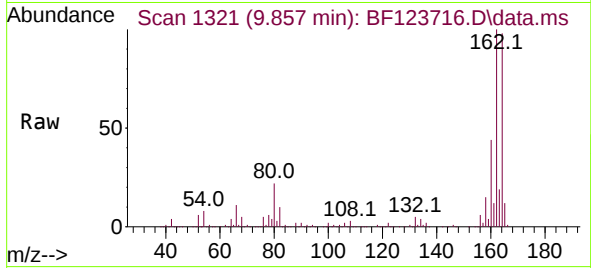




#57
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

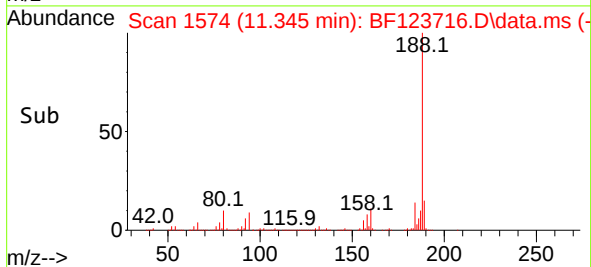
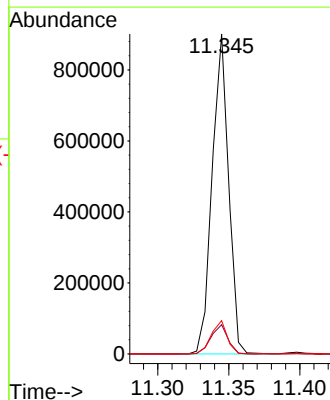
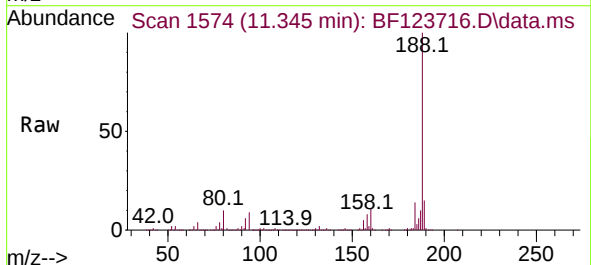
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

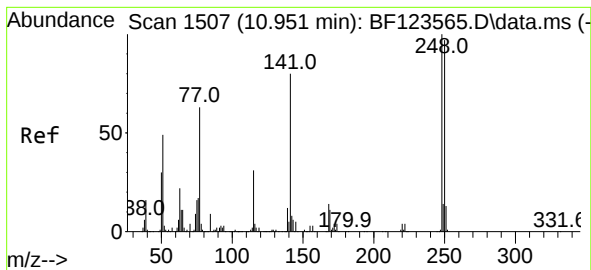
Tgt Ion:165	Resp:	46894
Ion Ratio	Lower	Upper
165	100	
63	1.8	43.5 65.3#
89	2.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion:188	Resp:	723757
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.9 10.3
80	10.4	8.2 12.2

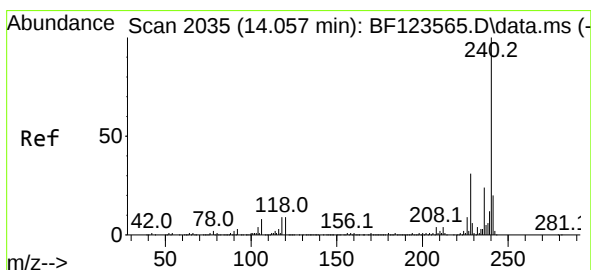
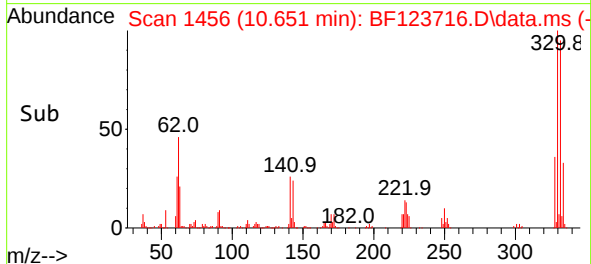
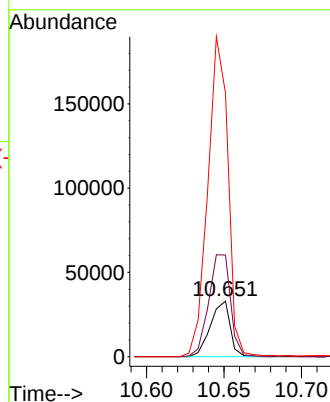
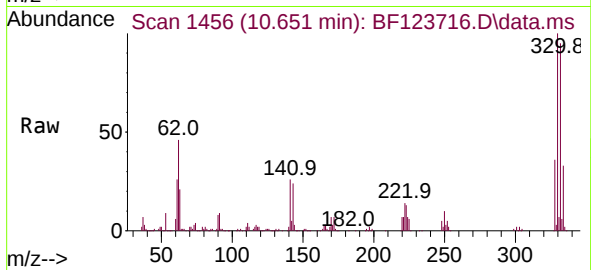




#67
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

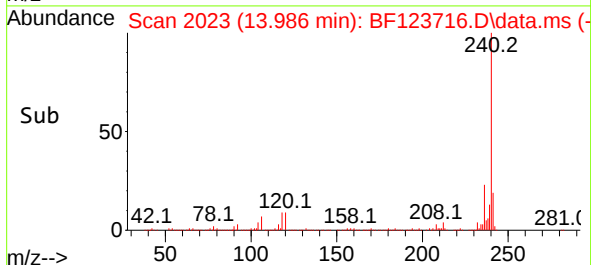
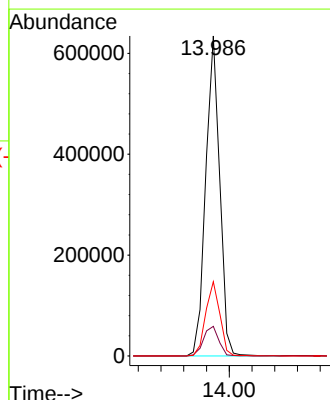
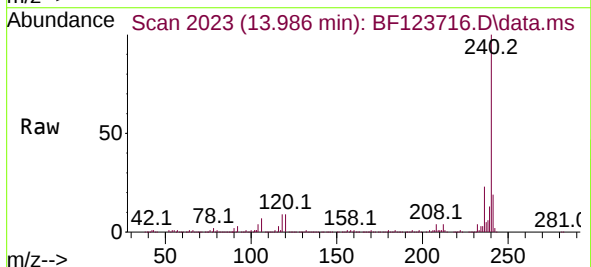
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

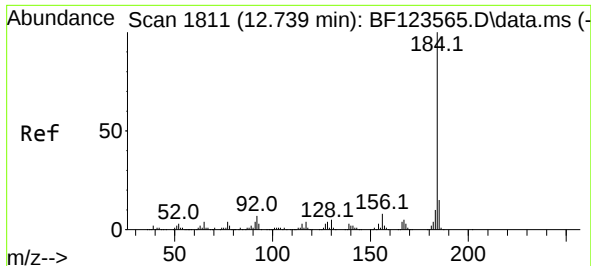
Tgt Ion:248 Resp: 29171
Ion Ratio Lower Upper
248 100
250 182.9 77.4 116.2#
141 473.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion:240 Resp: 540520
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 23.2 19.0 28.4

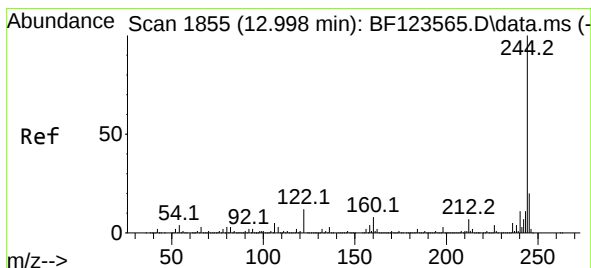
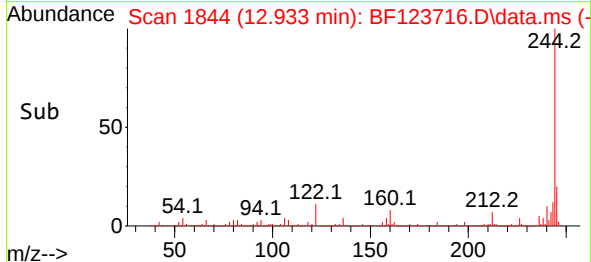
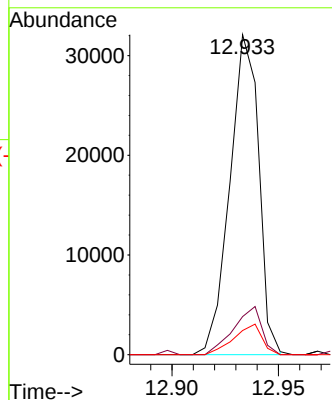
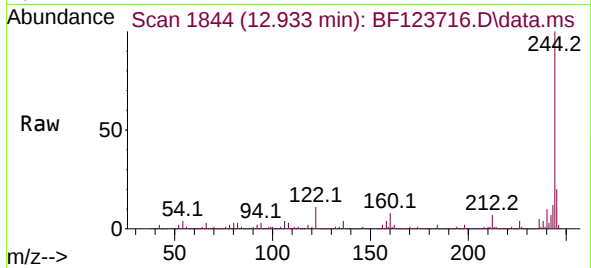




#77
Benzidine
Concen: 2.07 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.224 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

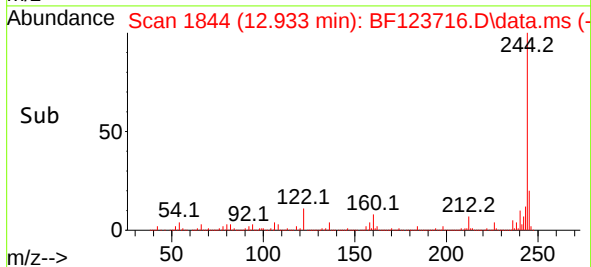
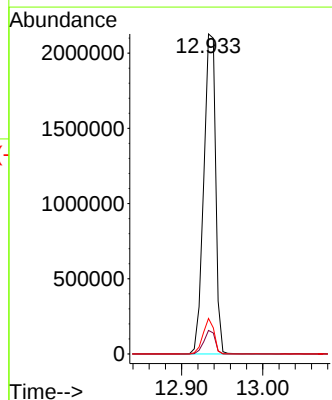
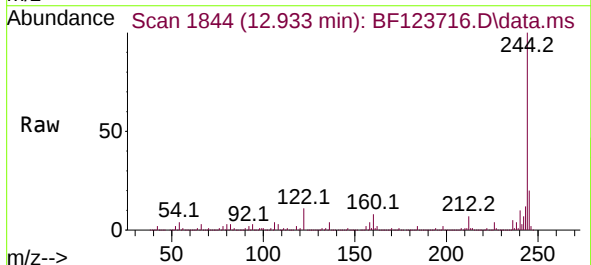
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0

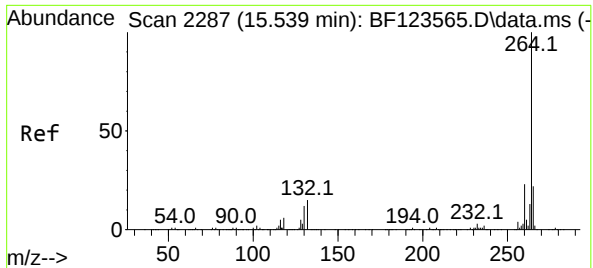
Tgt Ion:184 Resp: 30357
Ion Ratio Lower Upper
184 100
185 11.9 12.1 18.1#
183 7.6 7.8 11.8#



#79
Terphenyl-d14
Concen: 77.54 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123716.D
Acq: 24 Apr 2021 14:42

Tgt Ion:244 Resp: 2156562
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.047 min
 Lab File: BF123716.D
 Acq: 24 Apr 2021 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-9.5-10.0

Tgt Ion:264 Resp: 401242

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	19.9	17.8	26.8

