

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123666.D
 Acq On : 21 Apr 2021 14:33
 Operator : JU/CG
 Sample : M2077-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-0-2.0

Quant Time: Apr 21 16:11:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

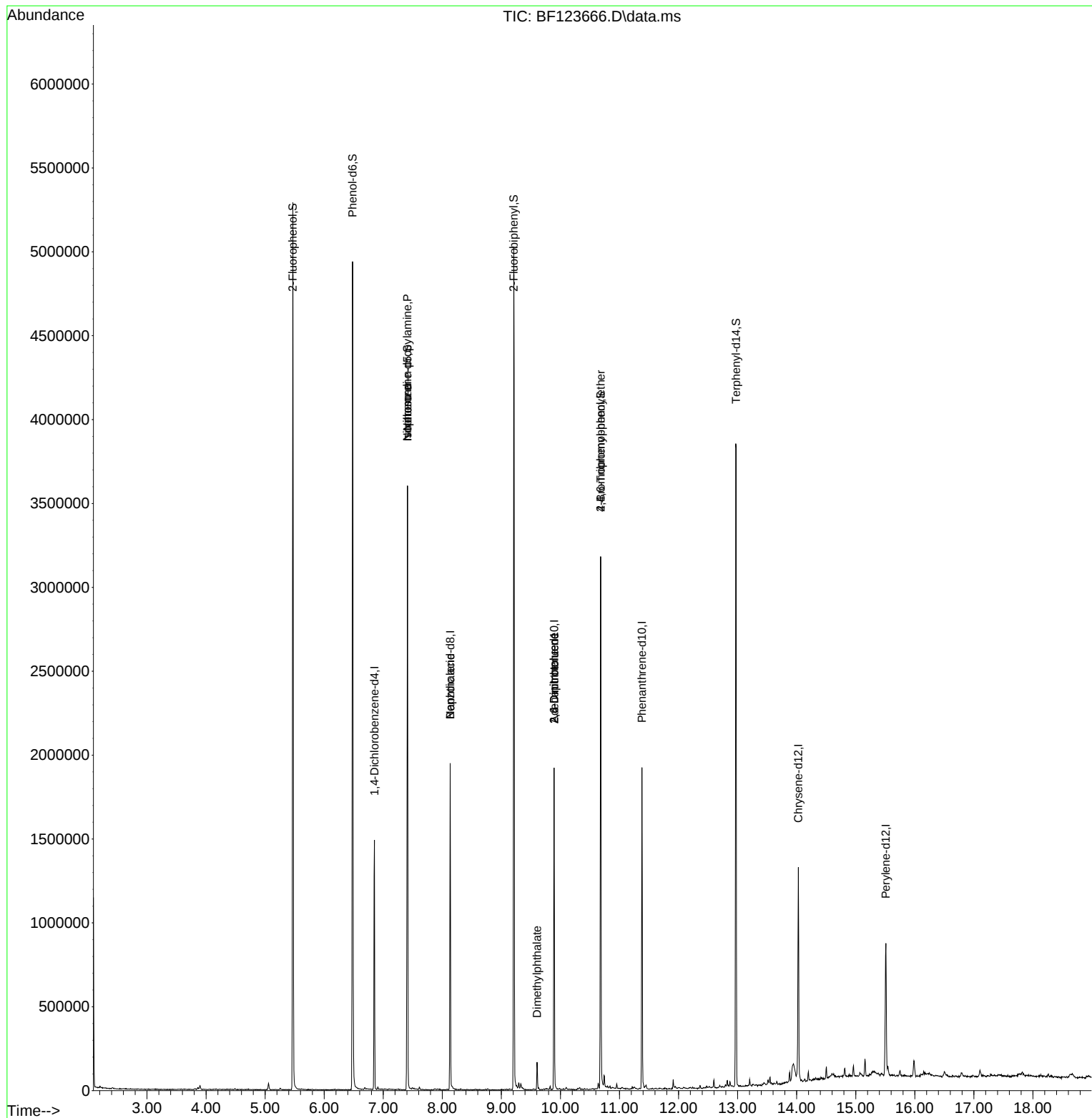
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	191481	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	722759	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	333699	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	626435	20.00	ng	0.00
76) Chrysene-d12	14.027	240	404719	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	366992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1130509	95.42	ng	0.00
7) Phenol-d6	6.481	99	1449173	88.27	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1011223	64.32	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	337855	89.41	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1471974	65.76	ng	0.00
79) Terphenyl-d14	12.974	244	1283015	61.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	137635	12.66	ng	# 77
25) Isophorone	7.410	82	1011208	33.15	ng	# 69
32) Benzoic acid	8.133	122	111	4.56	ng	# 1
50) Dimethylphthalate	9.604	163	59309	2.57	ng	98
51) 2,6-Dinitrotoluene	9.892	165	46248	9.14	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	46248	6.84	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	20271	3.10	ng	# 1
89) Benzo(k)fluoranthene	15.068	252	13882	Below Cal		# 83
92) Benzo(g,h,i)perylene	17.433	276	7686	Below Cal		# 93

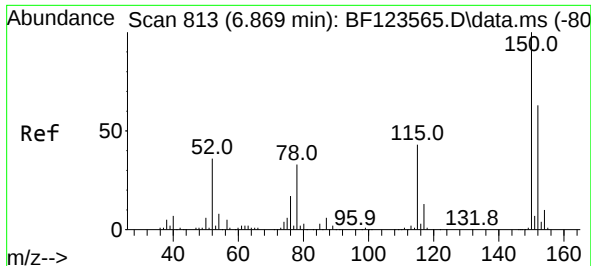
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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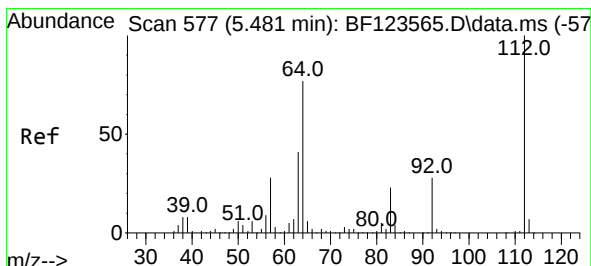
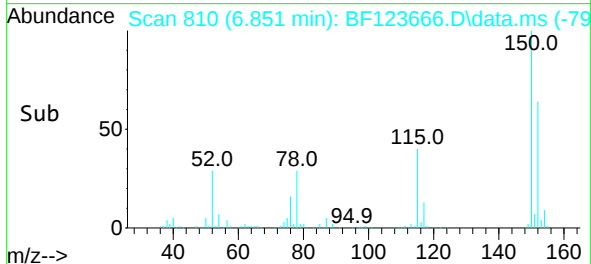
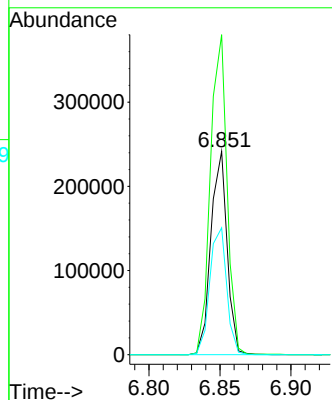
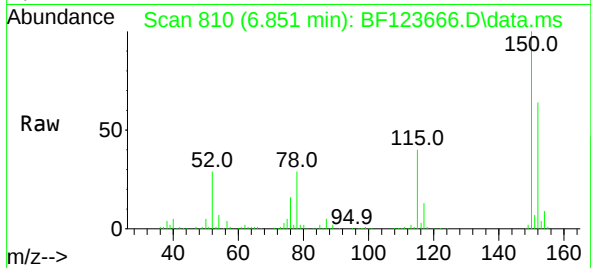




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

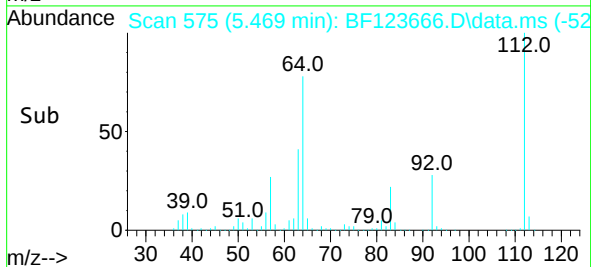
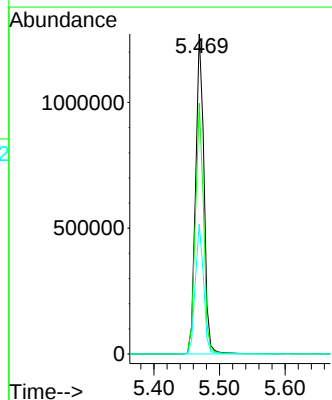
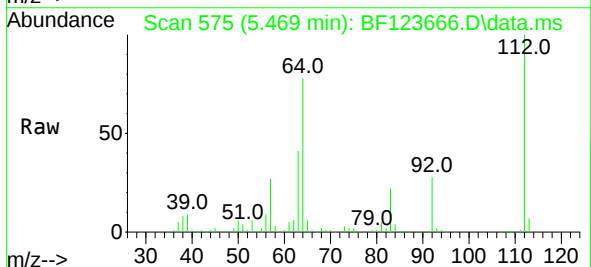
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BNA_F
ClientSampleId :
SB-21-0-2.0

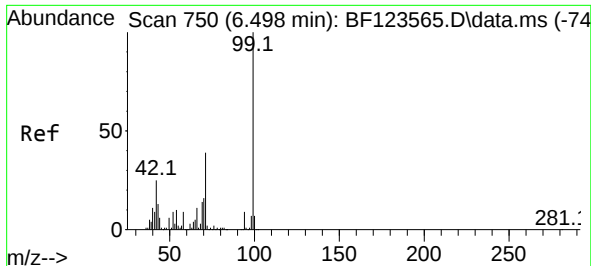
Tgt Ion:152 Resp: 191481
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 62.4 54.3 81.5



#5
2-Fluorophenol
Concen: 95.42 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Tgt Ion:112 Resp: 1130509
Ion Ratio Lower Upper
112 100
64 78.3 61.4 92.0
63 40.6 33.0 49.4

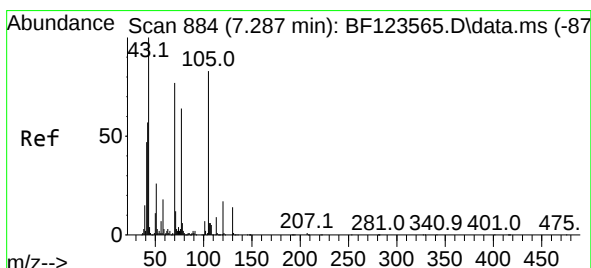
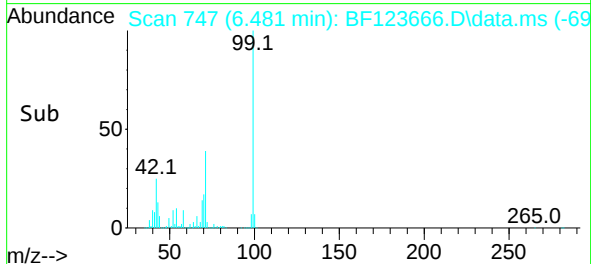
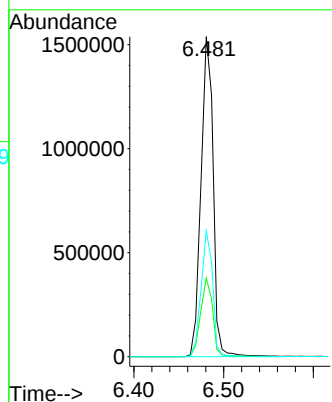
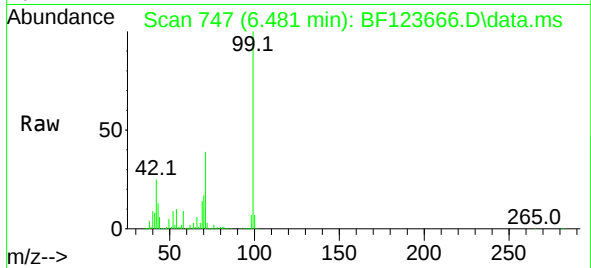




#7
Phenol-d6
Concen: 88.27 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

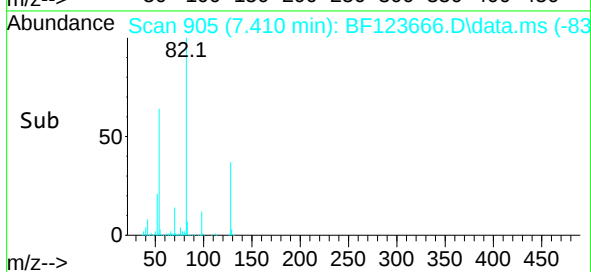
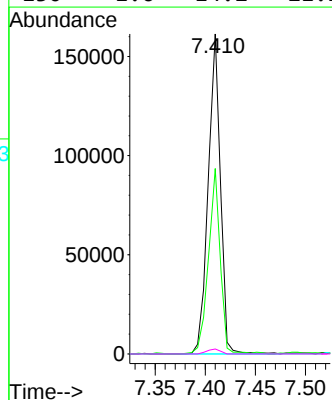
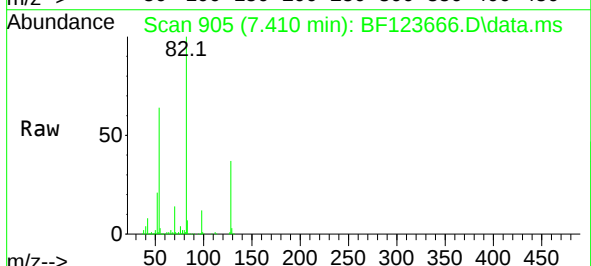
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2.0

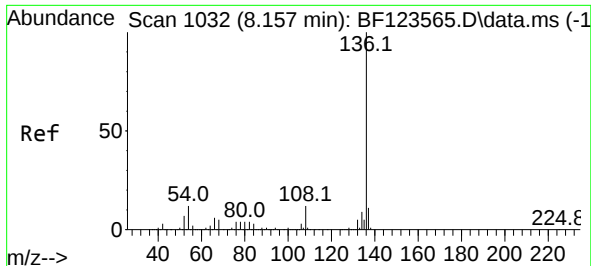
Tgt Ion: 99 Resp: 1449173
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 39.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.66 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Tgt Ion: 70 Resp: 137635
Ion Ratio Lower Upper
70 100
42 58.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



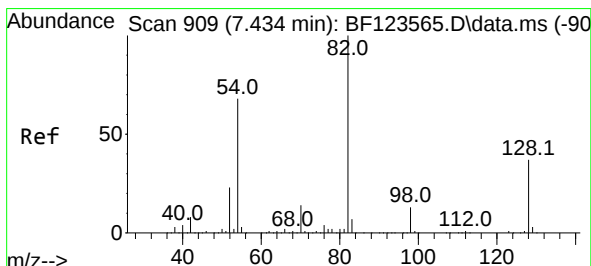
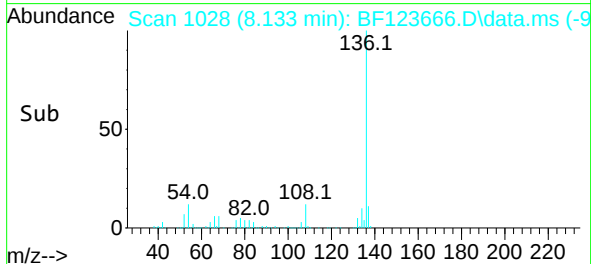
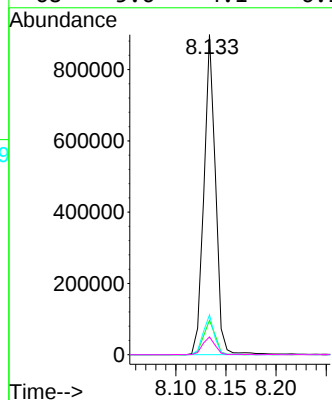
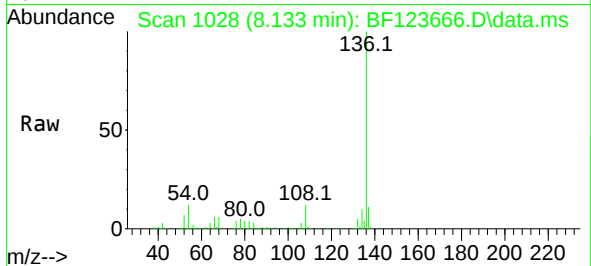


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2.0

Tgt Ion:136 Resp: 722759

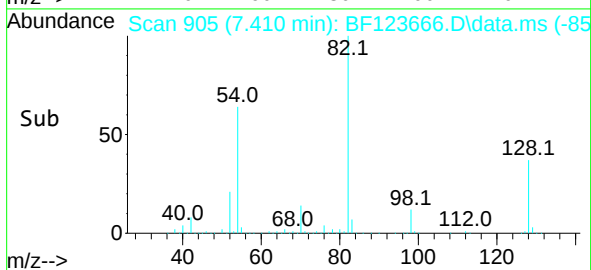
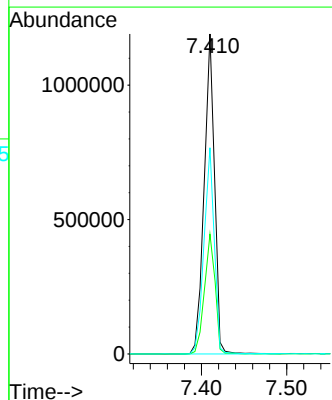
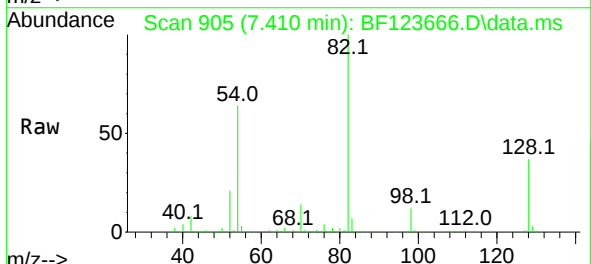
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.5	9.8	14.6
68	5.6	4.1	6.1

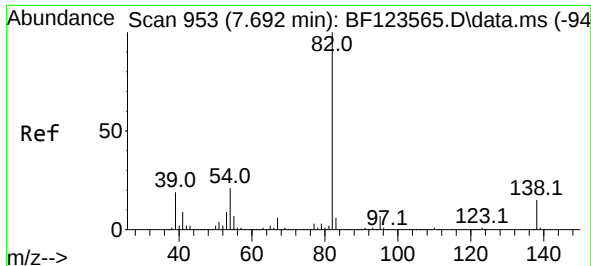


#23
Nitrobenzene-d5
Concen: 64.32 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Tgt Ion: 82 Resp: 1011223

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	64.5	54.1	81.1

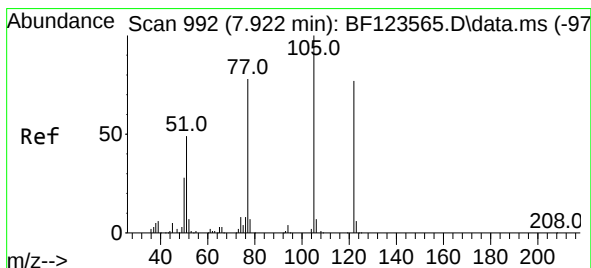
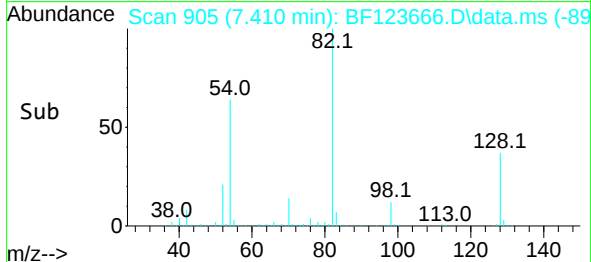
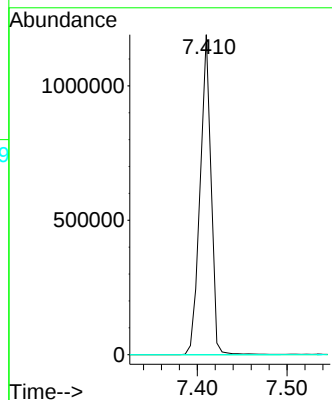
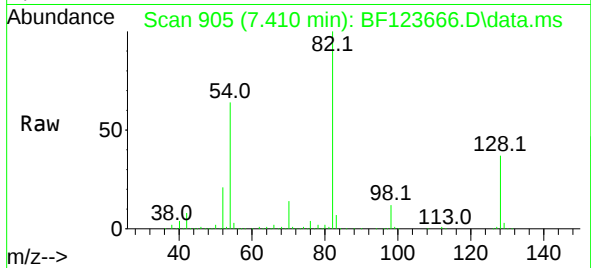




#25
Isophorone
Concen: 33.15 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

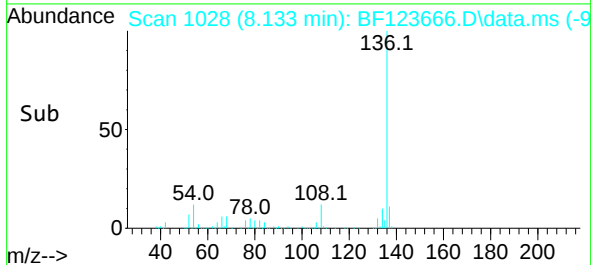
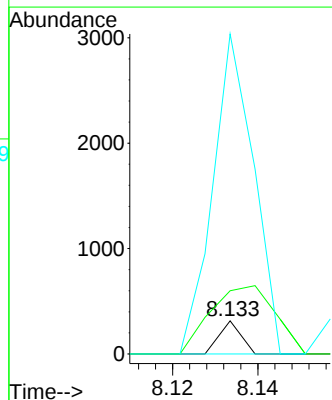
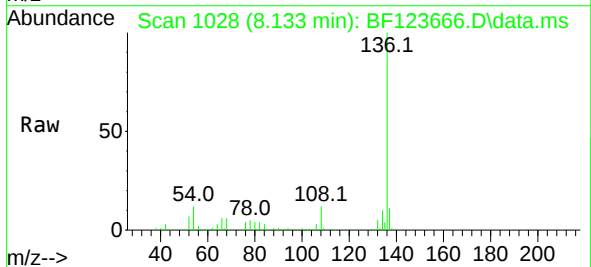
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2.0

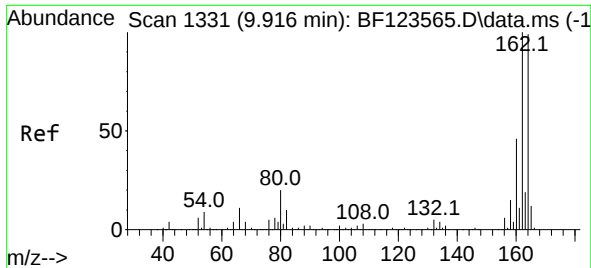
Tgt Ion: 82 Resp: 1011208
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.218 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 190.5 107.8 147.8#
77 963.8 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF123666.D

Acq: 21 Apr 2021 14:33

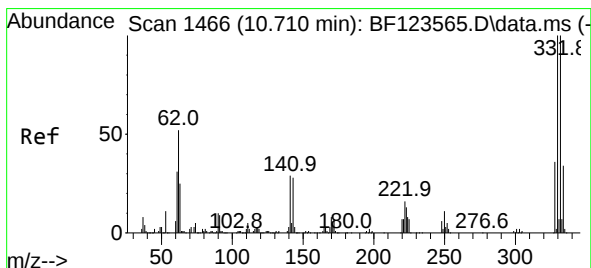
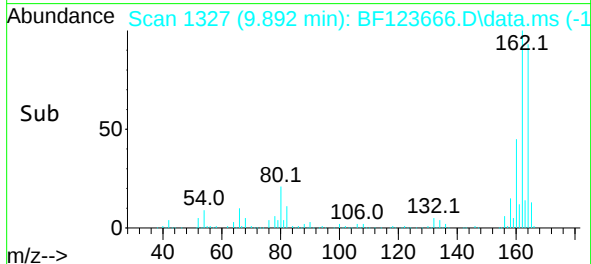
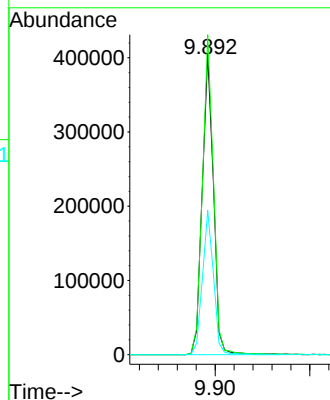
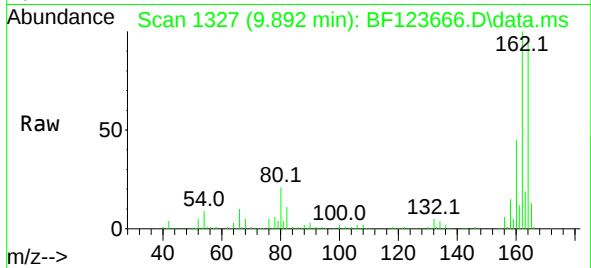
Tgt Ion:164 Resp: 333699

Ion Ratio Lower Upper

164 100

162 106.6 80.7 121.1

160 48.1 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 89.41 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF123666.D

Acq: 21 Apr 2021 14:33

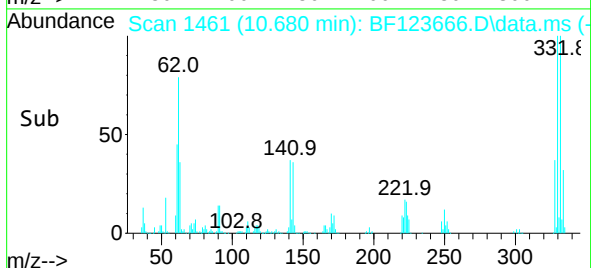
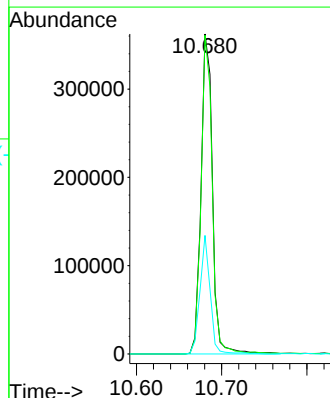
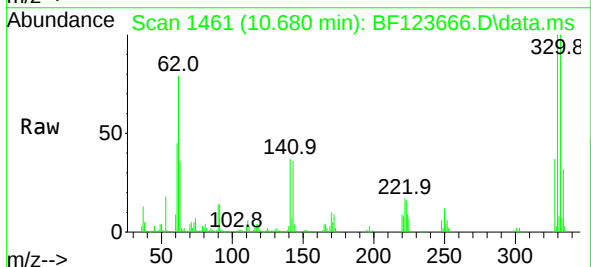
Tgt Ion:330 Resp: 337855

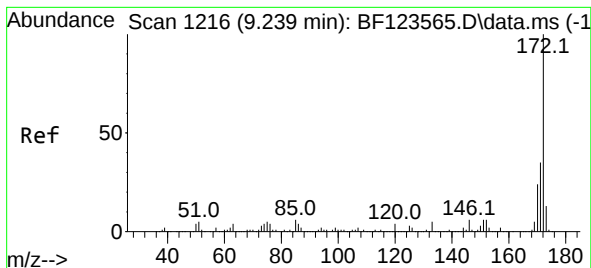
Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 33.3 27.9 41.9

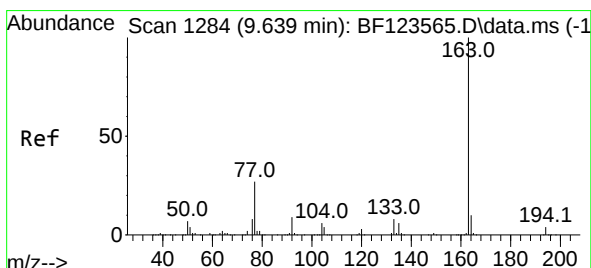
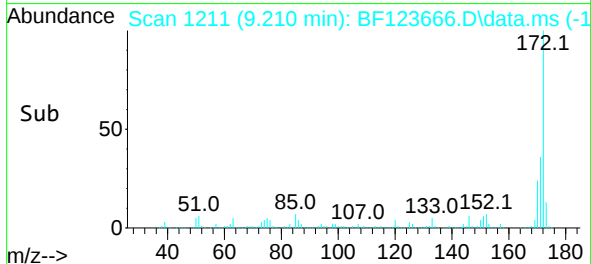
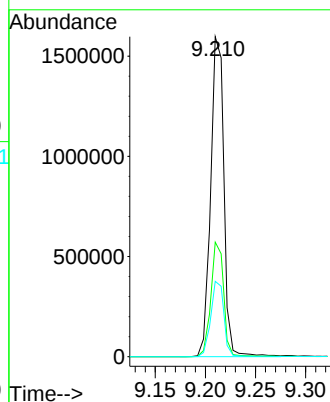
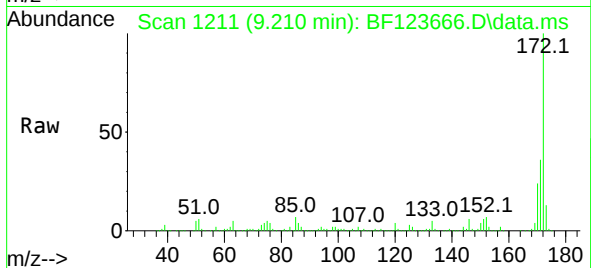




#45
2-Fluorobiphenyl
Concen: 65.76 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

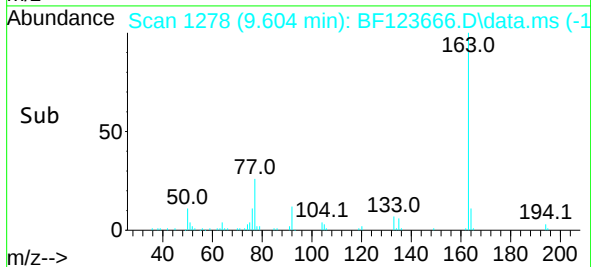
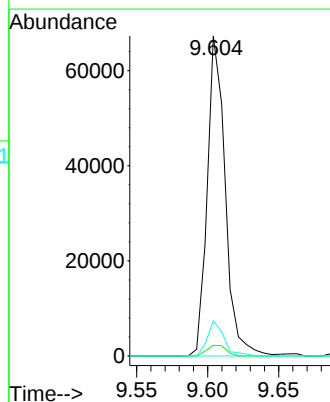
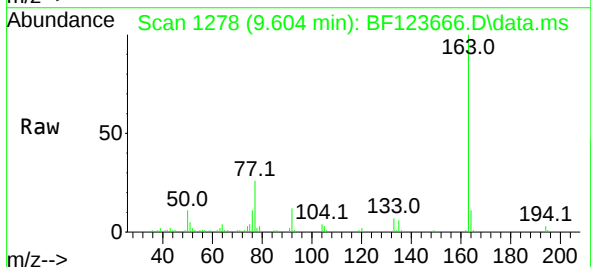
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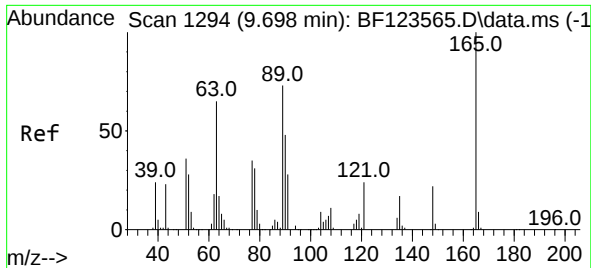
Tgt Ion:172 Resp: 1471974
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.5 19.2 28.8



#50
Dimethylphthalate
Concen: 2.57 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Tgt Ion:163 Resp: 59309
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 11.0 8.2 12.2

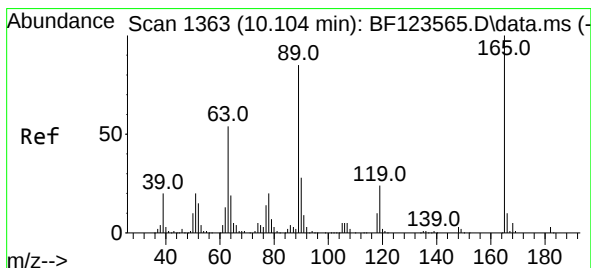
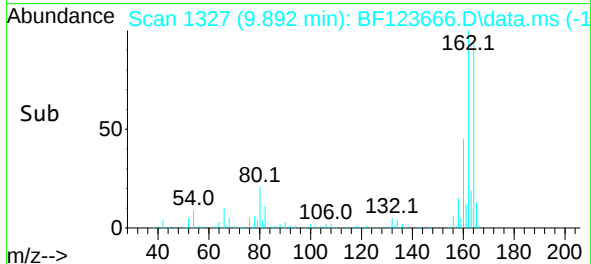
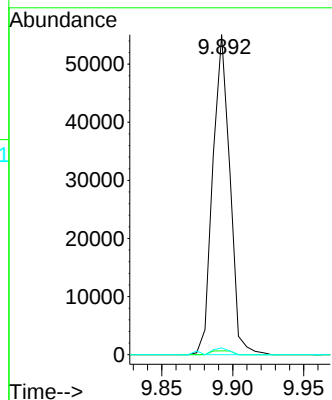
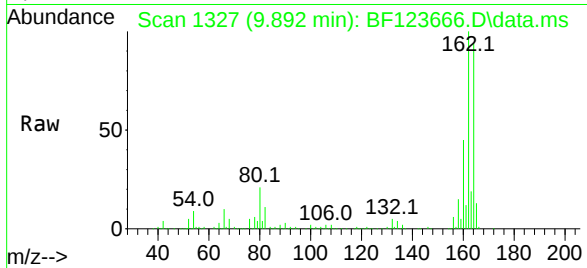




#51
2,6-Dinitrotoluene
Concen: 9.14 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

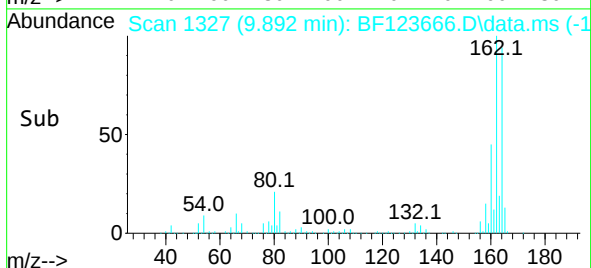
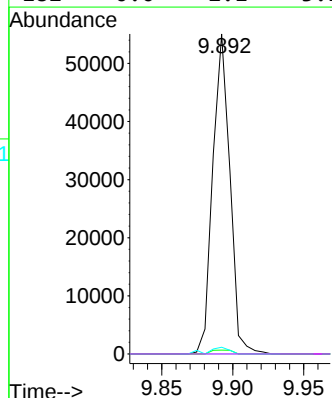
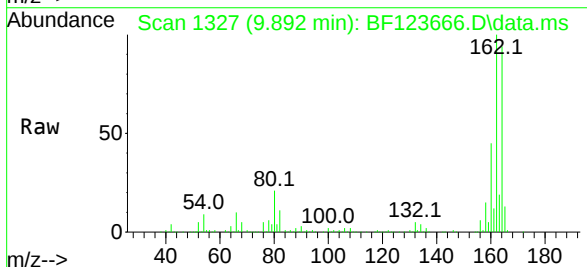
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2.0

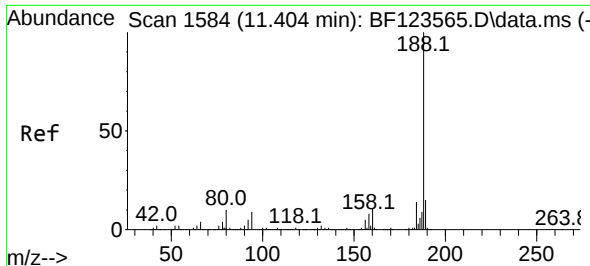
Tgt Ion:165 Resp: 46248
Ion Ratio Lower Upper
165 100
63 1.2 67.7 101.5#
89 2.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Tgt Ion:165 Resp: 46248
Ion Ratio Lower Upper
165 100
63 1.2 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#

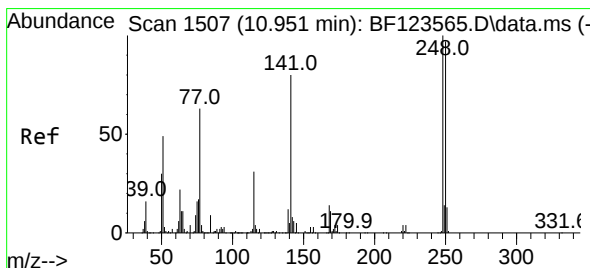
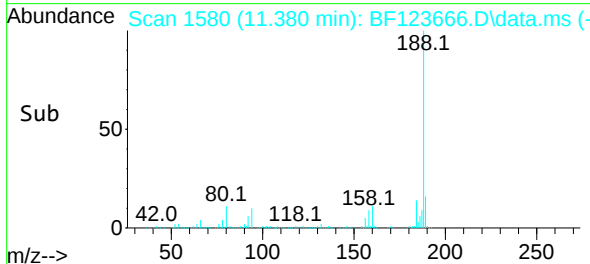
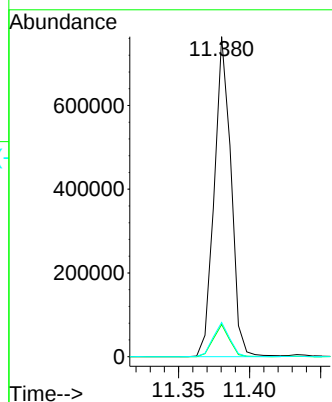
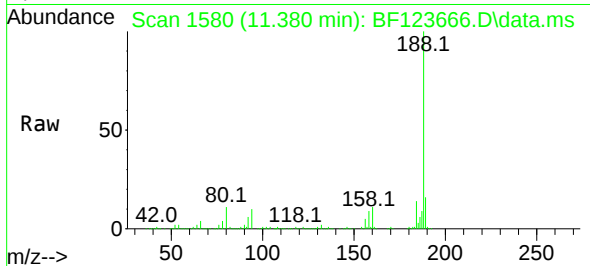




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

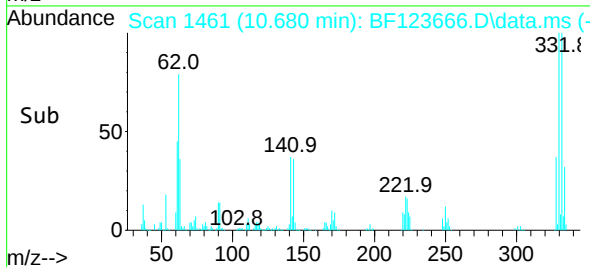
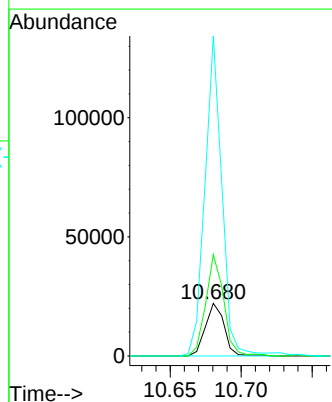
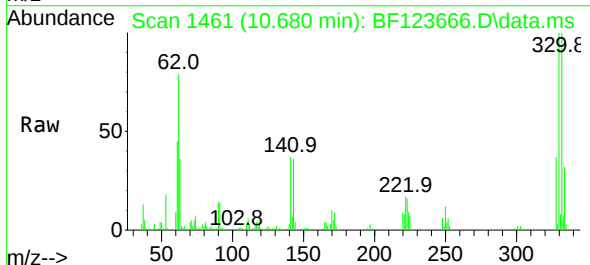
Instrument :
BNA_F
ClientSampleId :
SB-21-0-2.0

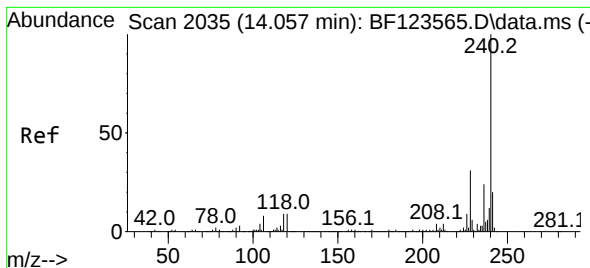
Tgt Ion:188	Resp: 626435
Ion Ratio	Lower Upper
188 100	
94 10.1	6.9 10.3
80 10.7	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

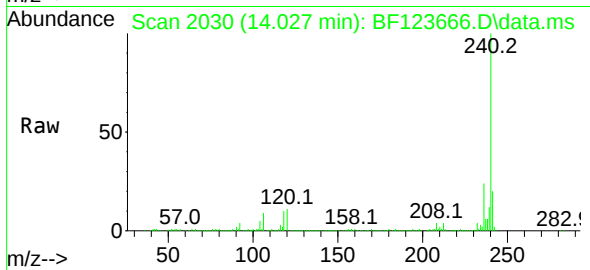
Tgt Ion:248	Resp: 20271
Ion Ratio	Lower Upper
248 100	
250 192.4	77.4 116.2#
141 608.2	63.7 95.5#



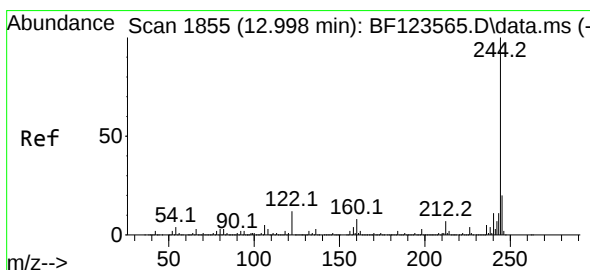
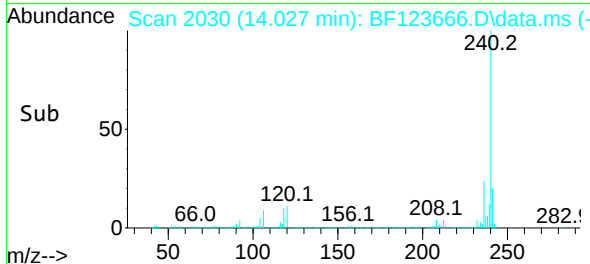
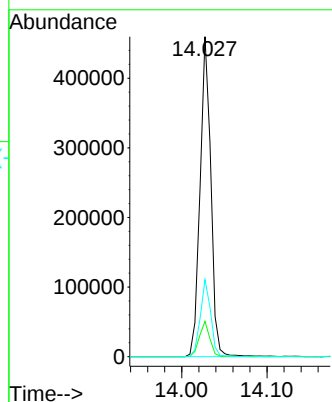


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2.0

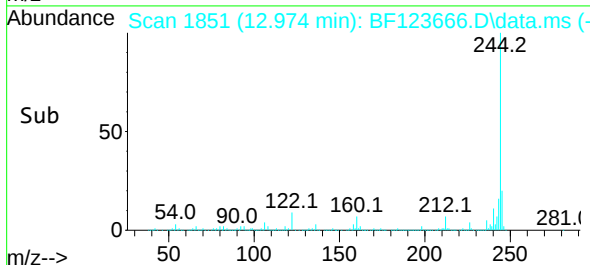
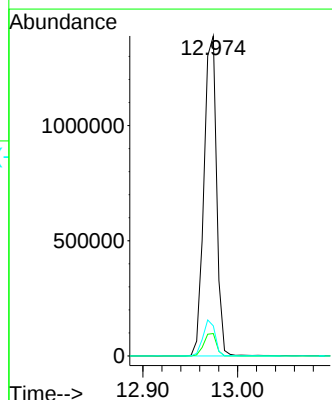
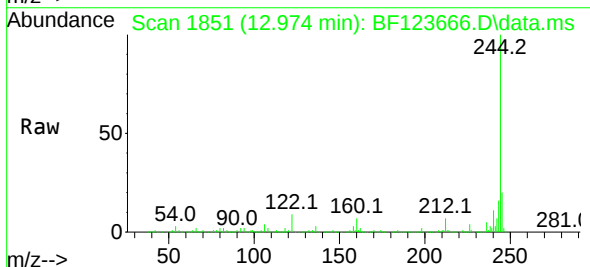


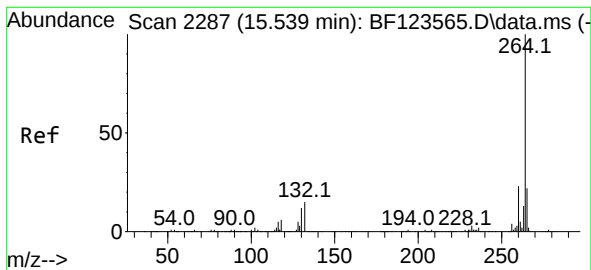
Tgt Ion:240 Resp: 404719
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 24.1 19.0 28.4



#79
Terphenyl-d14
Concen: 61.61 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123666.D
Acq: 21 Apr 2021 14:33

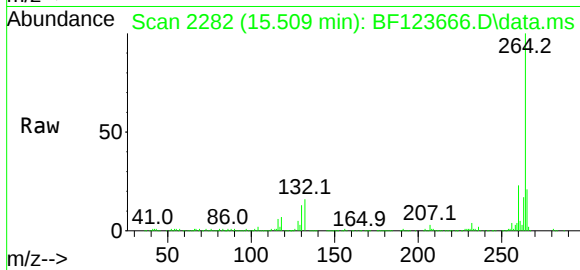
Tgt Ion:244 Resp: 1283015
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.4 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BF123666.D
 Acq: 21 Apr 2021 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-0-2.0



Tgt Ion:264 Resp: 366992
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.8 17.8 26.8

