

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123663.D
 Acq On : 21 Apr 2021 12:56
 Operator : JU/CG
 Sample : M2076-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-0-2.0

Quant Time: Apr 21 14:14:01 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)

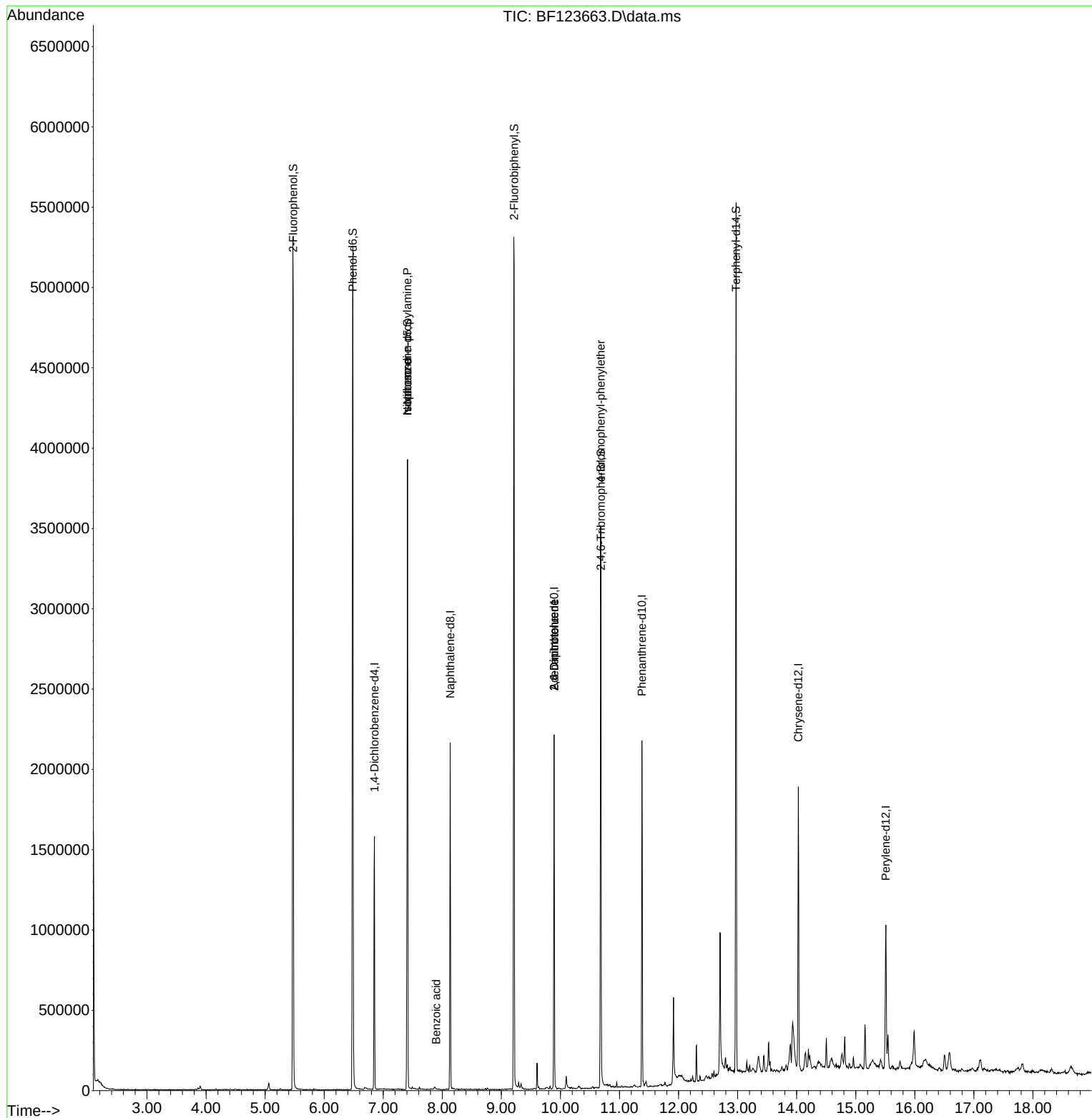
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	206719	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	766402	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	384056	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	721371	20.00	ng	0.00
76) Chrysene-d12	14.027	240	561956	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	421982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1246710	97.48	ng	0.00
7) Phenol-d6	6.486	99	1623562	91.61	ng	0.00
23) Nitrobenzene-d5	7.410	82	1127206	67.61	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	406183	93.40	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1624715	63.06	ng	0.00
79) Terphenyl-d14	12.974	244	1659360	57.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	147775	12.59	ng	# 74
25) Isophorone	7.410	82	1127196	34.85	ng	# 69
32) Benzoic acid	7.898	122	143	4.56	ng	90
51) 2,6-Dinitrotoluene	9.892	165	48106	8.26	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	48106	6.18	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	23583	3.13	ng	# 1
89) Benzo(k)fluoranthene	15.074	252	11613	Below Cal		# 79
92) Benzo(g,h,i)perylene	17.439	276	4661	Below Cal		99

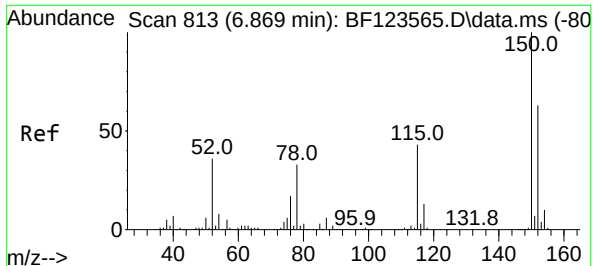
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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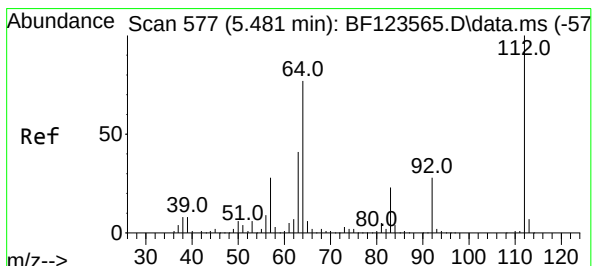
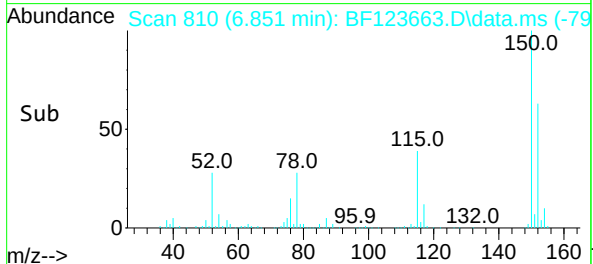
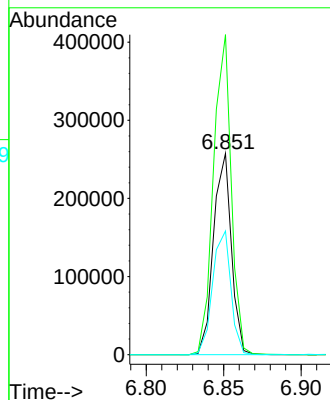
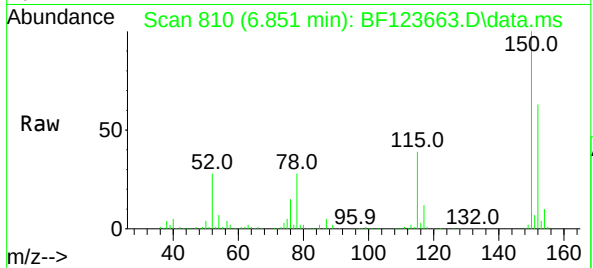




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

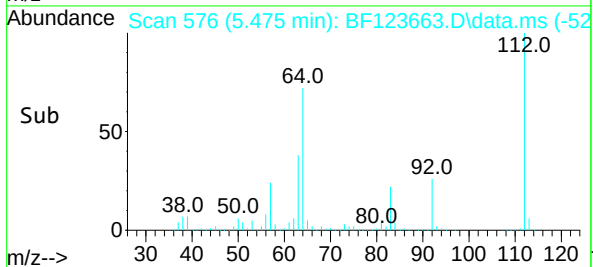
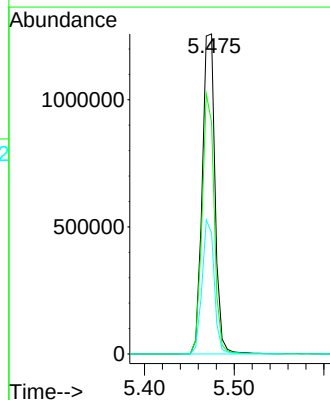
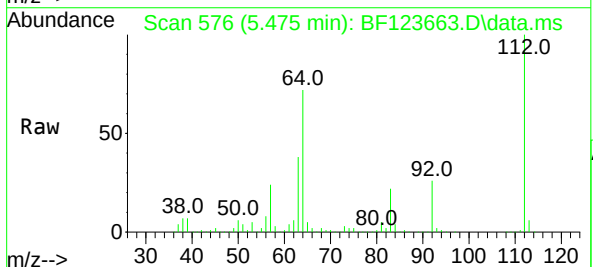
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2.0

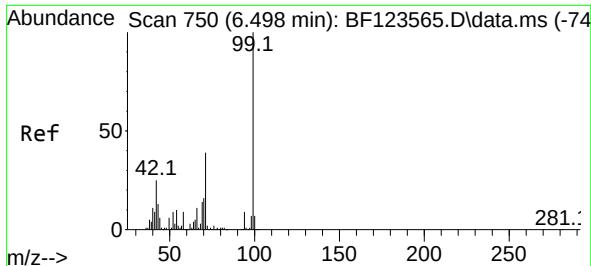
Tgt Ion:152 Resp: 206719
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 61.4 54.3 81.5



#5
2-Fluorophenol
Concen: 97.48 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion:112 Resp: 1246710
Ion Ratio Lower Upper
112 100
64 72.3 61.4 92.0
63 37.8 33.0 49.4

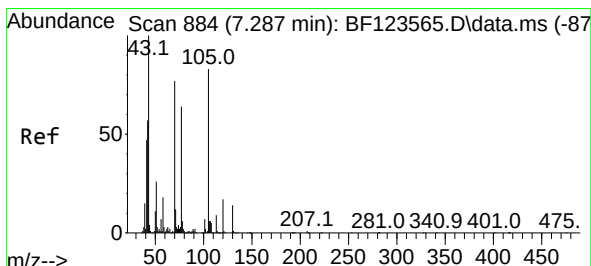
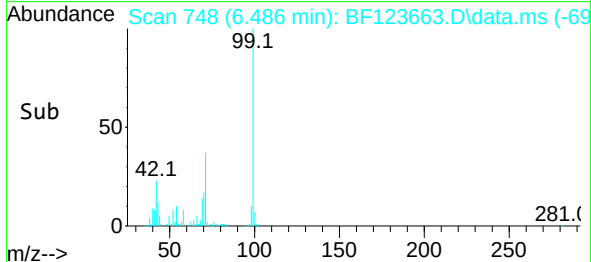
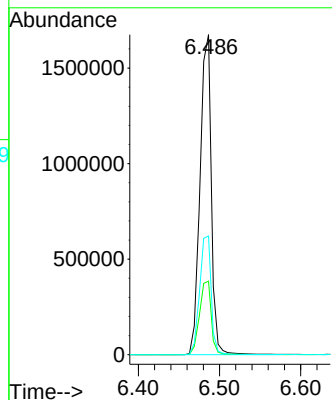
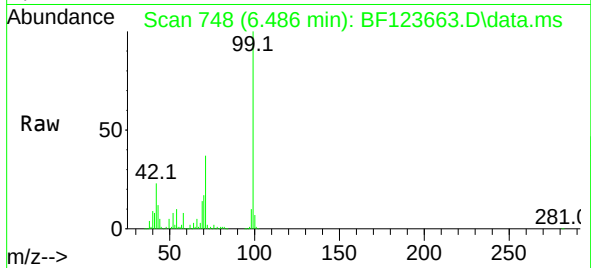




#7
Phenol-d6
Concen: 91.61 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

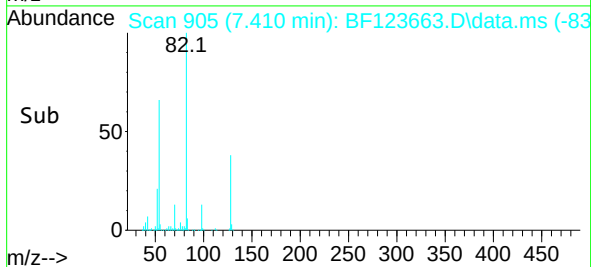
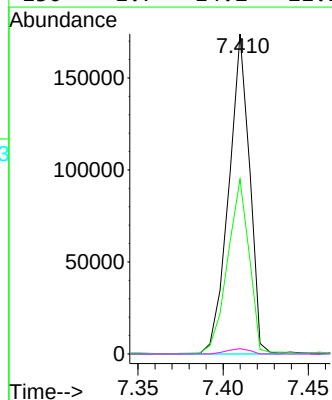
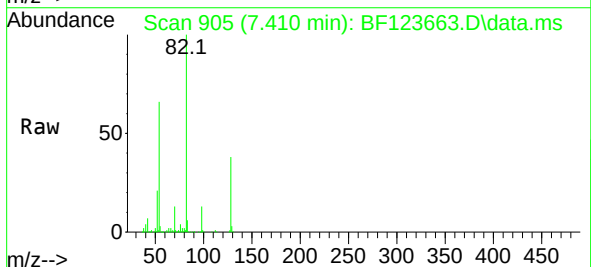
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2.0

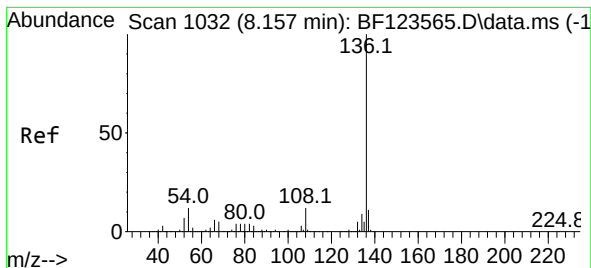
Tgt Ion: 99 Resp: 1623562
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 37.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.59 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion: 70 Resp: 147775
Ion Ratio Lower Upper
70 100
42 54.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#

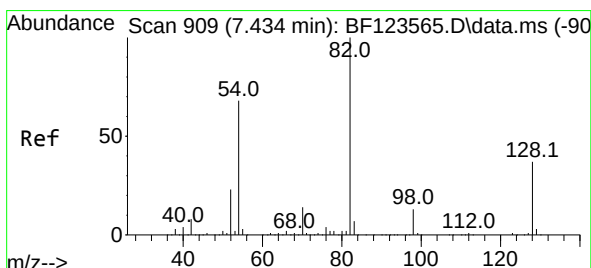
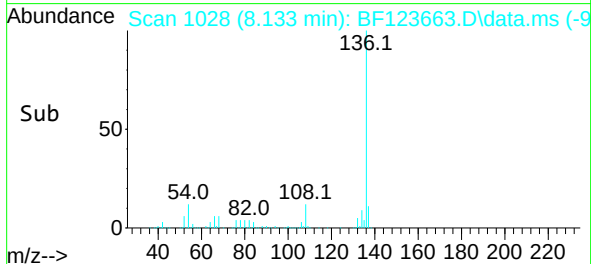
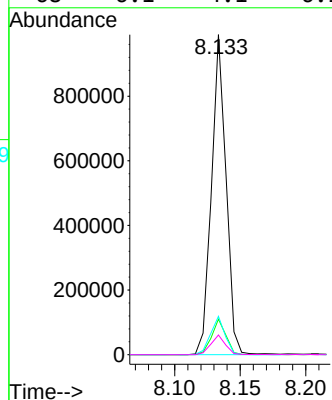
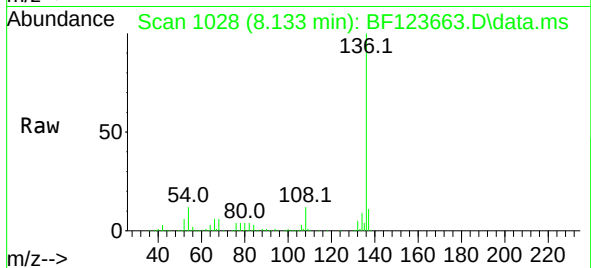




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

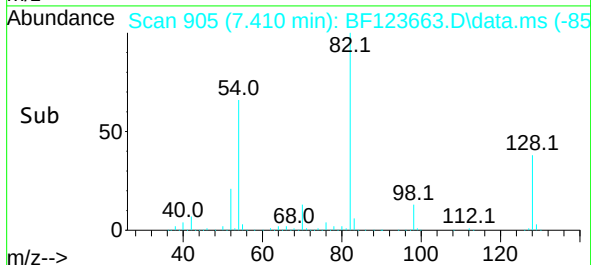
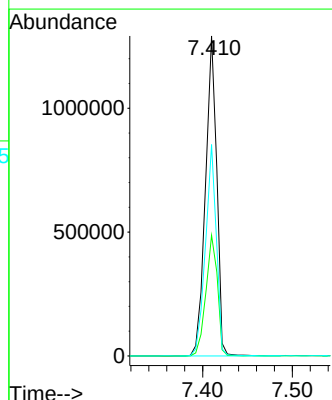
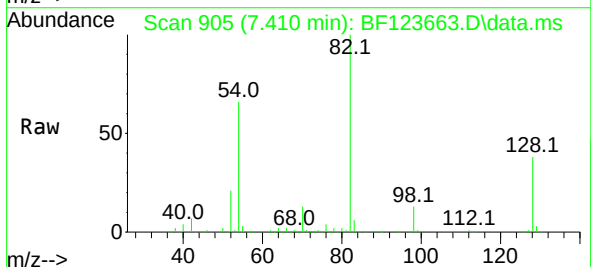
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2.0

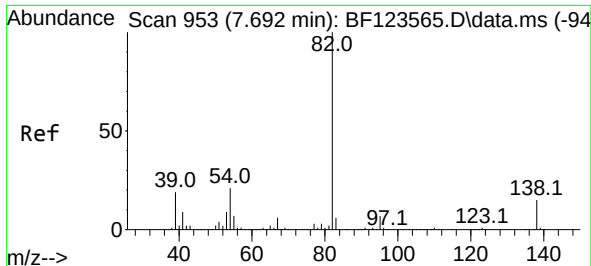
Tgt Ion:	136	Resp:	766402
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.0	9.8	14.6
68	6.1	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 67.61 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion:	82	Resp:	1127206
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	66.0	54.1	81.1

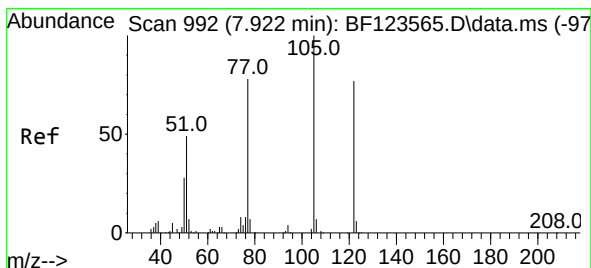
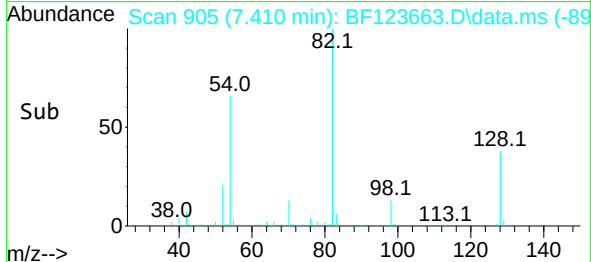
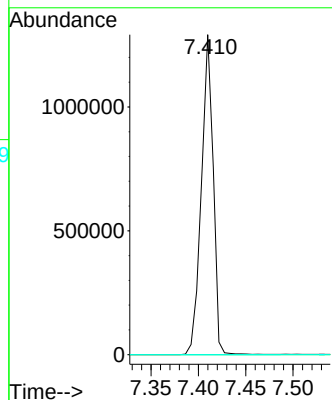
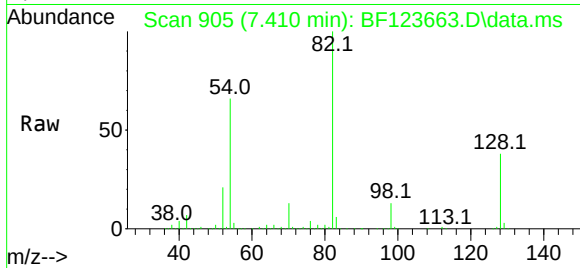




#25
Isophorone
Concen: 34.85 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

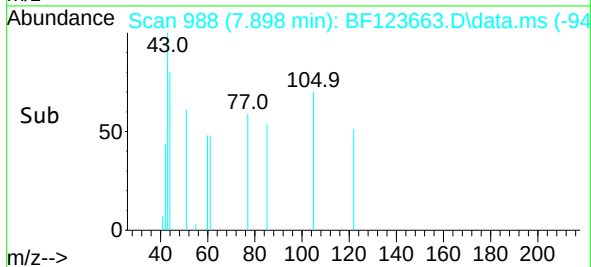
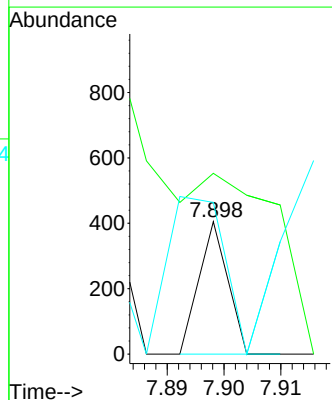
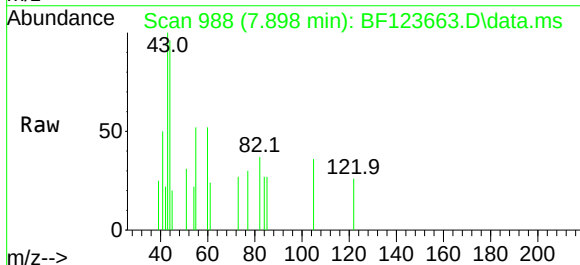
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2.0

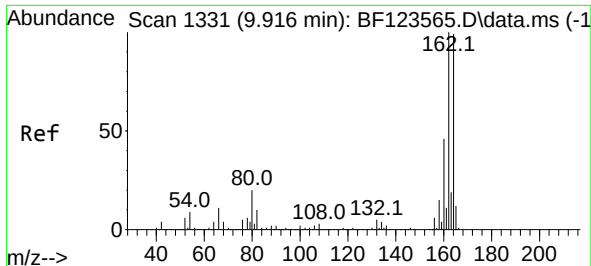
Tgt Ion: 82 Resp: 1127196
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 136.5 107.8 147.8
77 114.6 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: BF123663.D

Acq: 21 Apr 2021 12:56

Instrument :

BNA_F

ClientSampleId :

SB-17-0-2.0

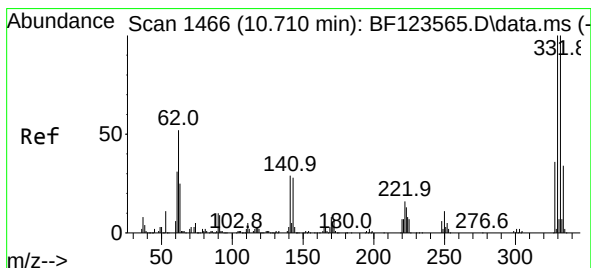
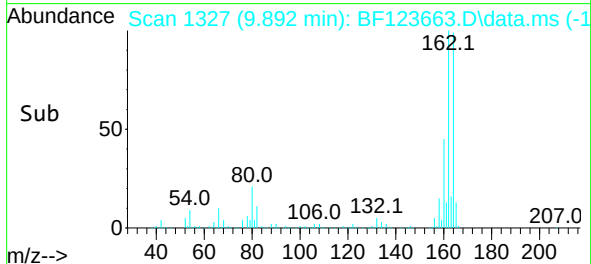
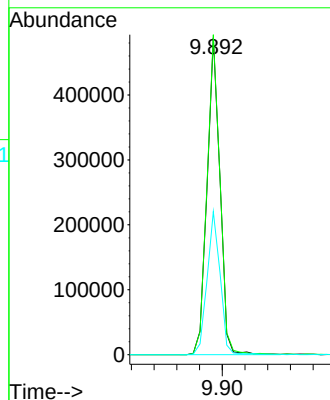
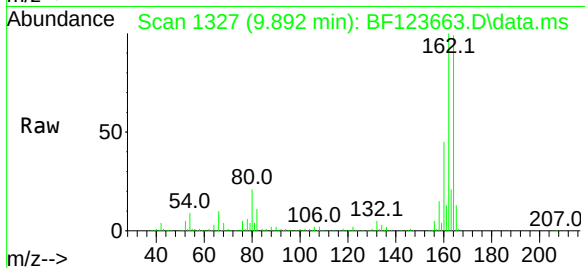
Tgt Ion:164 Resp: 384056

Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

160 45.1 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 93.40 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF123663.D

Acq: 21 Apr 2021 12:56

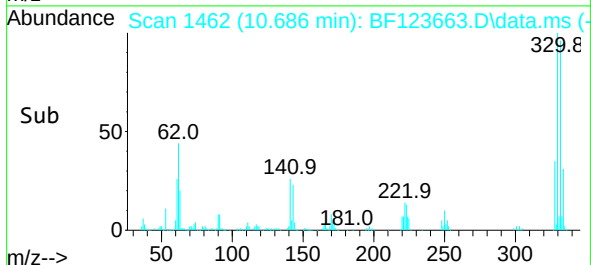
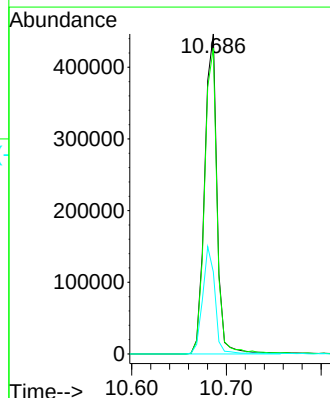
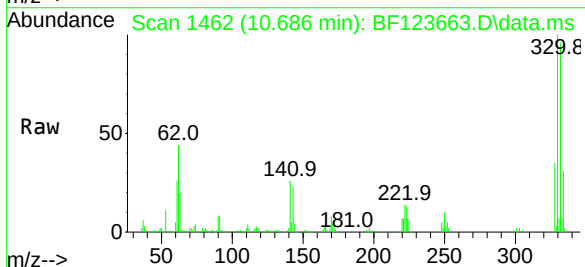
Tgt Ion:330 Resp: 406183

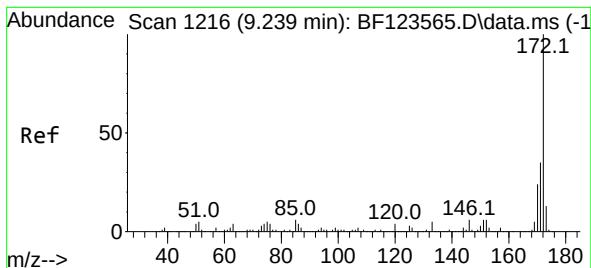
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 33.6 27.9 41.9

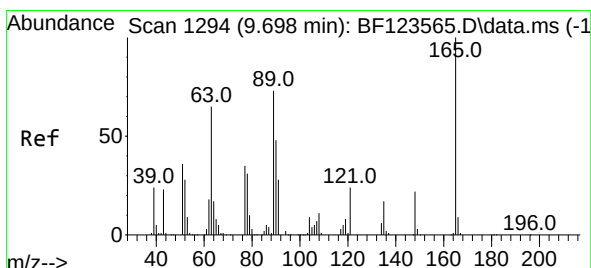
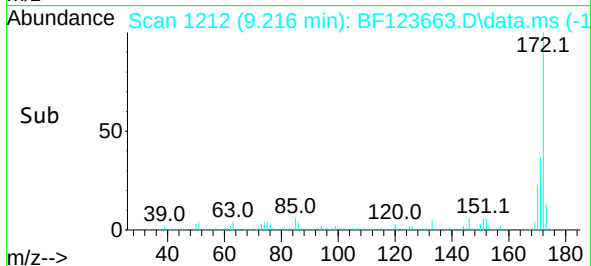
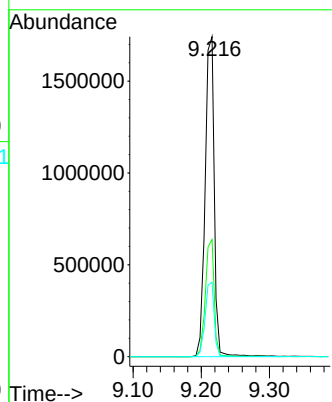
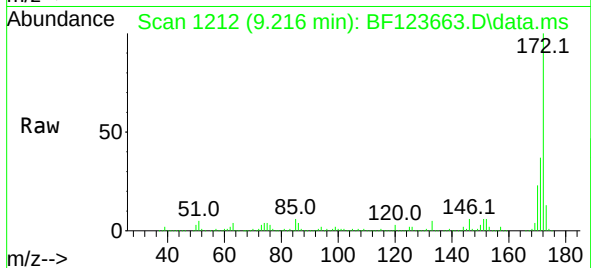




#45
2-Fluorobiphenyl
Concen: 63.06 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

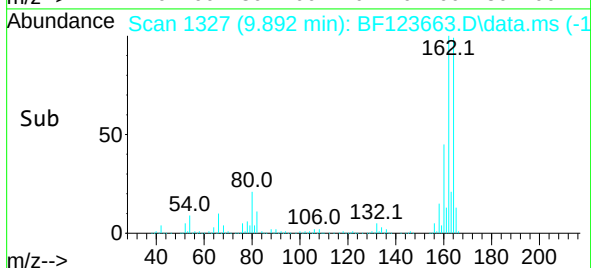
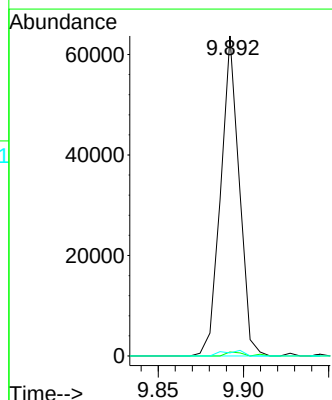
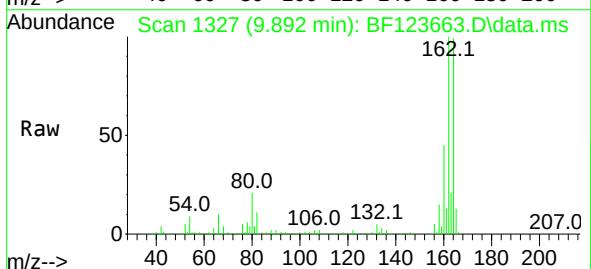
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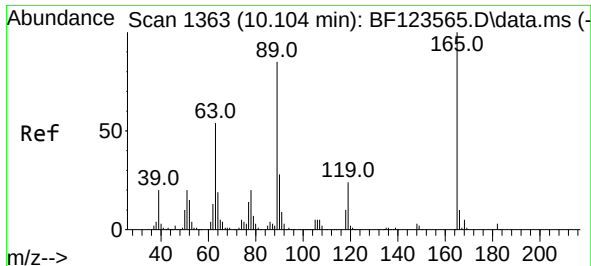
Tgt Ion:172 Resp: 1624715
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 23.3 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion:165 Resp: 48106
Ion Ratio Lower Upper
165 100
63 1.2 67.7 101.5#
89 1.0 58.8 88.2#

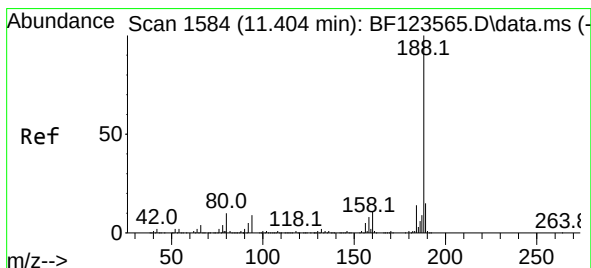
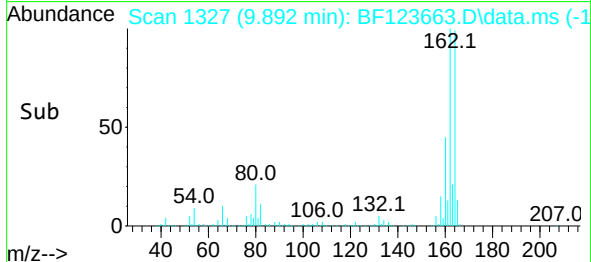
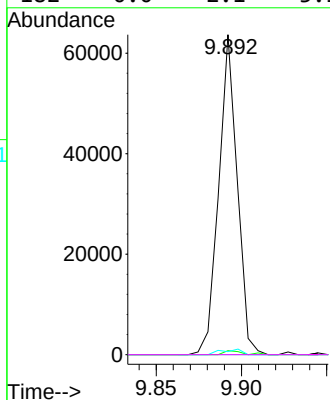
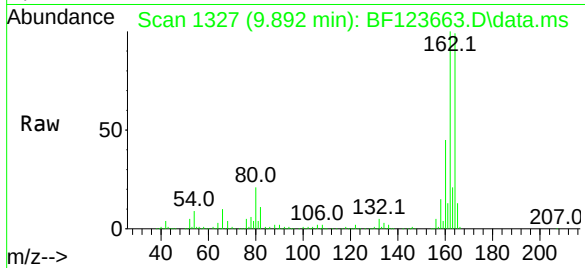




#57
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

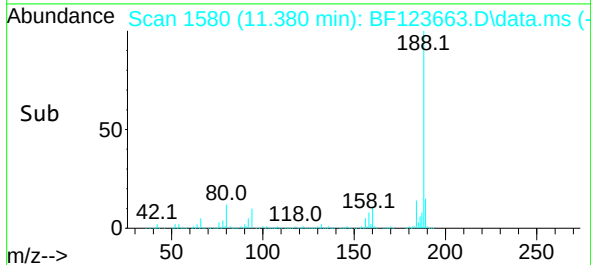
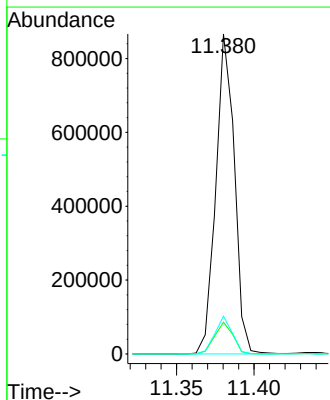
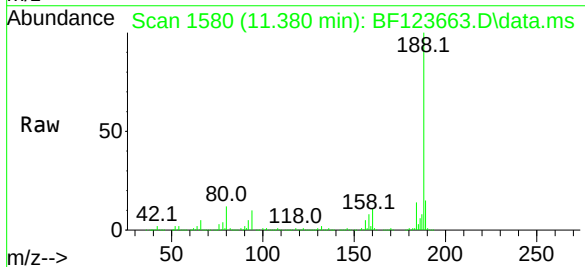
Instrument :
BNA_F
ClientSampleId :
SB-17-0-2.0

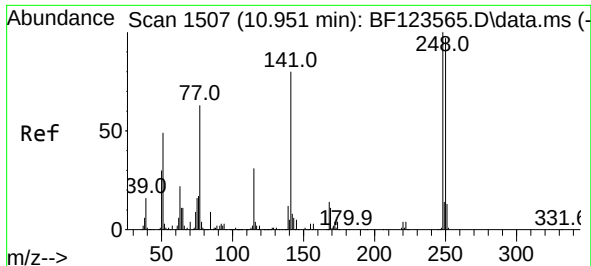
Tgt Ion:	165	Resp:	48106
Ion Ratio	Lower	Upper	
165	100		
63	1.2	43.5	65.3#
89	1.0	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion:	188	Resp:	721371
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.9	10.3
80	11.8	8.2	12.2

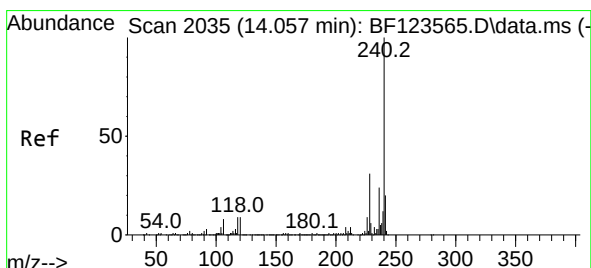
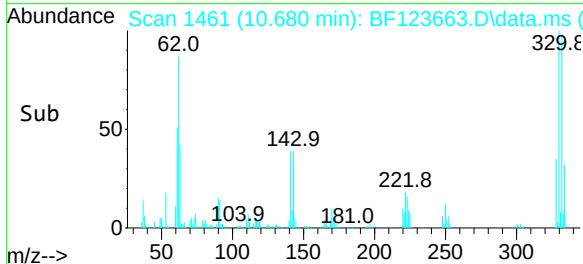
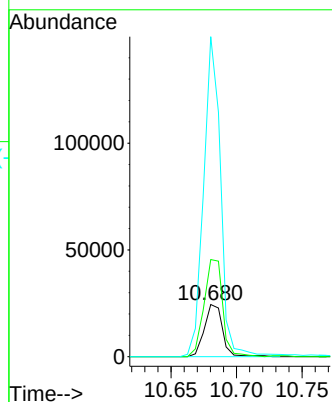
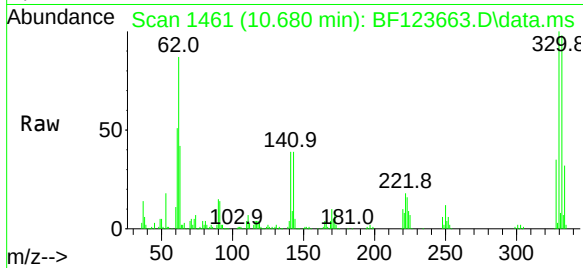




#67
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

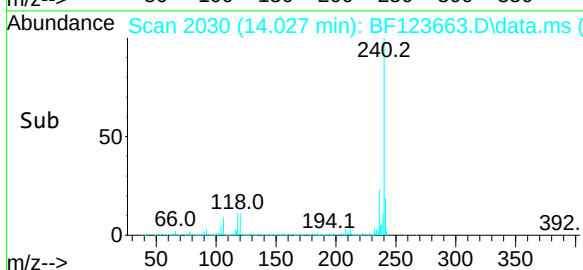
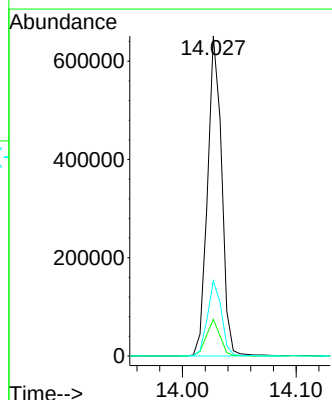
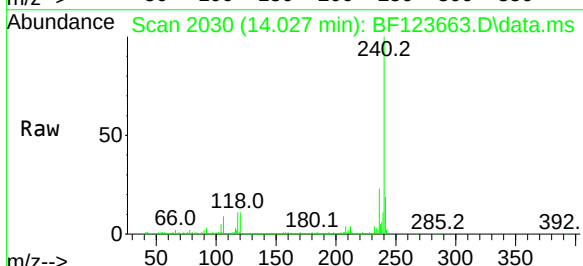
Instrument :
BNA_F
ClientSampled :
SB-17-0-2.0

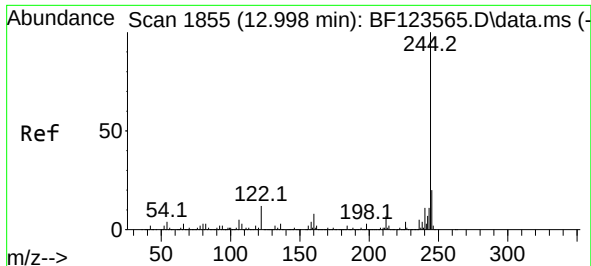
Tgt Ion:248 Resp: 23583
Ion Ratio Lower Upper
248 100
250 186.1 77.4 116.2#
141 613.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123663.D
Acq: 21 Apr 2021 12:56

Tgt Ion:240 Resp: 561956
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 23.5 19.0 28.4

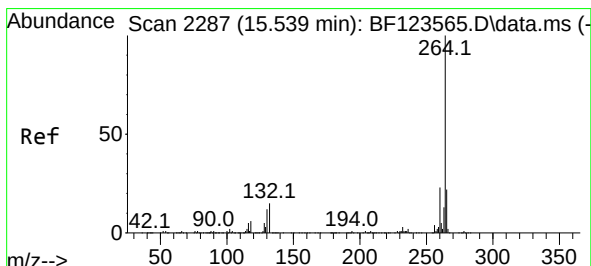
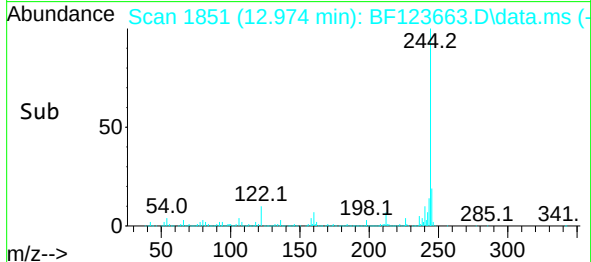
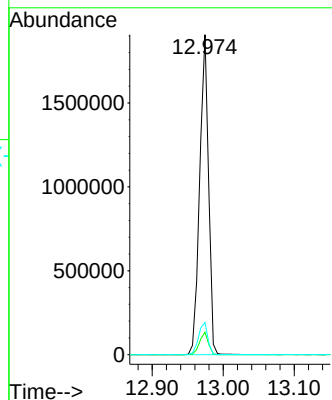
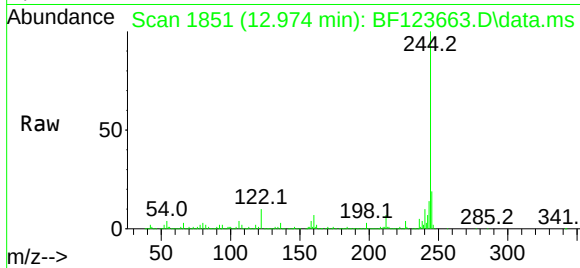




#79
 Terphenyl-d14
 Concen: 57.39 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF123663.D
 Acq: 21 Apr 2021 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-0-2.0

Tgt Ion:244 Resp: 1659360
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.1 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: BF123663.D
 Acq: 21 Apr 2021 12:56

Tgt Ion:264 Resp: 421982
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.3 17.8 26.8

