

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123725.D
 Acq On : 24 Apr 2021 19:24
 Operator : JU/CG
 Sample : M2150-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Apr 26 03:00:57 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

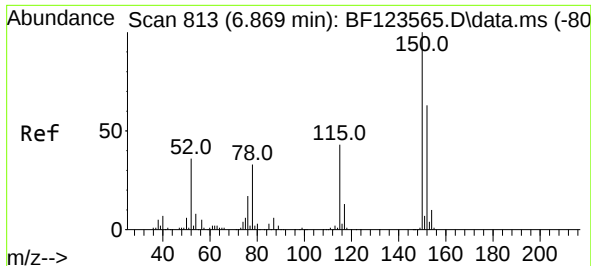
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	215370	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	800733	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	398918	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	764837	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	536082	20.00	ng	-0.04
86) Perylene-d12	15.451	264	392717	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	800942	60.11	ng	-0.02
7) Phenol-d6	6.451	99	652715	35.35	ng	-0.02
23) Nitrobenzene-d5	7.386	82	1687887	96.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	666365	147.51	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	2553666	95.43	ng	-0.02
79) Terphenyl-d14	12.939	244	2676144	97.02	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.463	94	167076	8.52	ng	93
19) n-Nitroso-di-n-propyla...	7.386	70	237042	19.38	ng	# 71
25) Isophorone	7.386	82	1687864	49.95	ng	# 69
50) Dimethylphthalate	9.574	163	128887	4.68	ng	99
51) 2,6-Dinitrotoluene	9.857	165	52485	8.68	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	52485	6.50	ng	# 17
67) 4-Bromophenyl-phenylether	10.651	248	38274	4.79	ng	# 1
77) Benzidine	12.939	184	37156	2.55	ng	# 92
89) Benzo(k)fluoranthene	15.051	252	383	Below	Cal	# 22
92) Benzo(g,h,i)perylene	17.339	276	151	Below	Cal	# 56

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

Quant Time: Apr 26 03:00:57 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

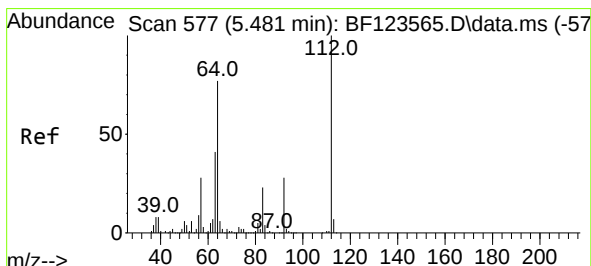
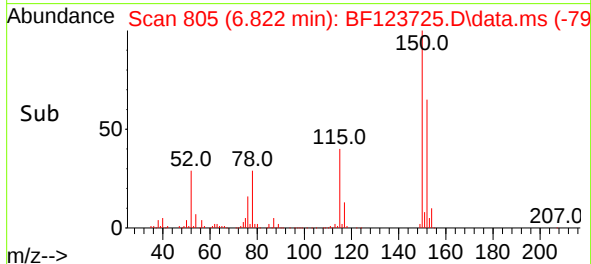
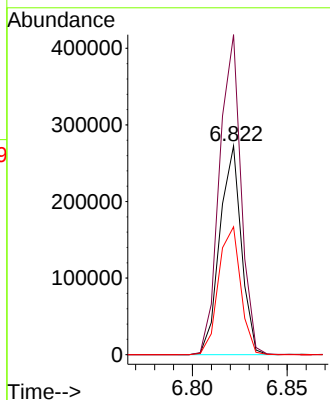
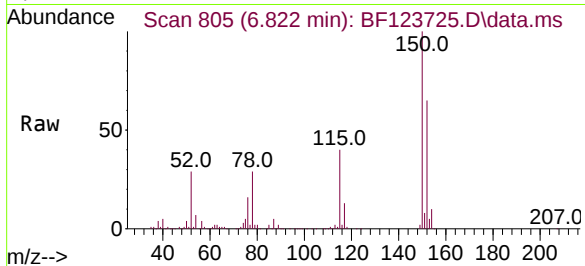




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

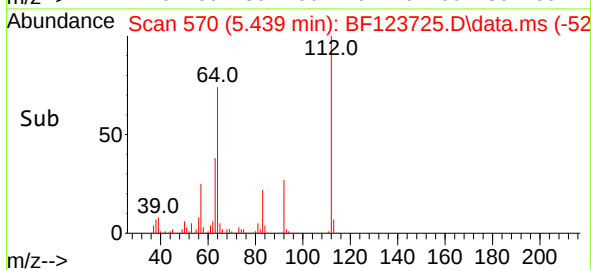
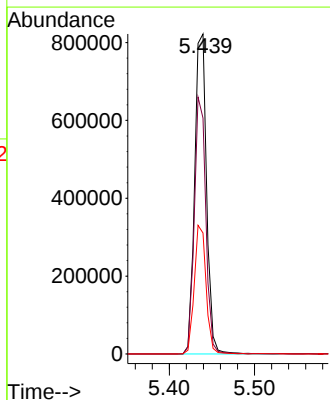
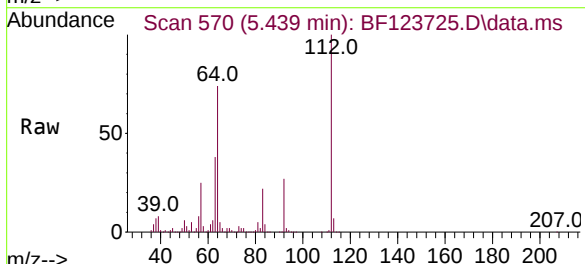
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

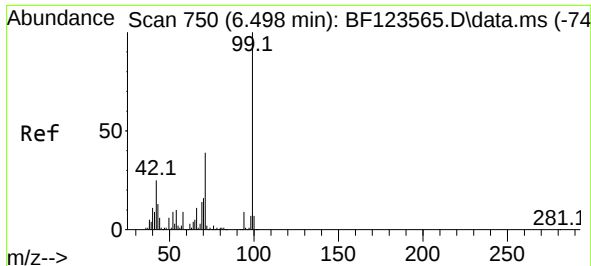
Tgt Ion:152 Resp: 215370
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 61.3 54.3 81.5



#5
2-Fluorophenol
Concen: 60.11 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion:112 Resp: 800942
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 37.8 33.0 49.4

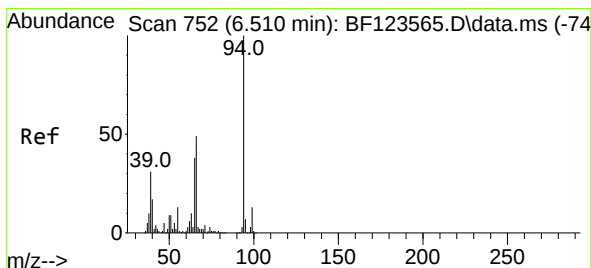
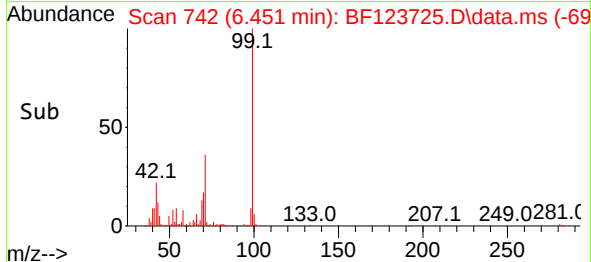
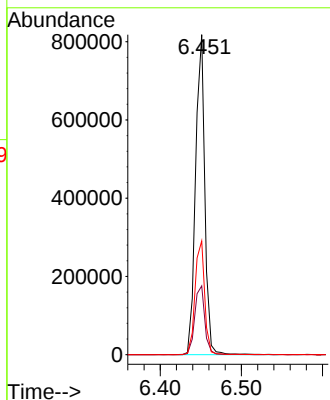
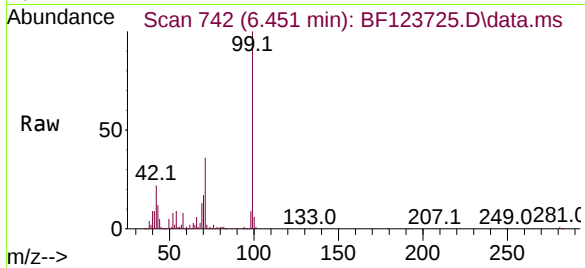




#7
Phenol-d6
Concen: 35.35 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.024 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

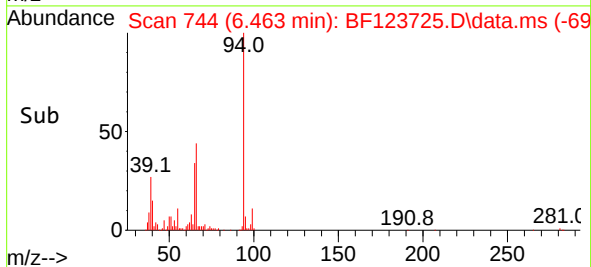
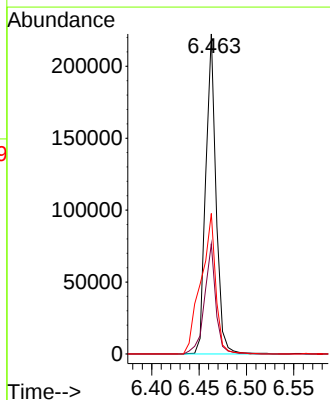
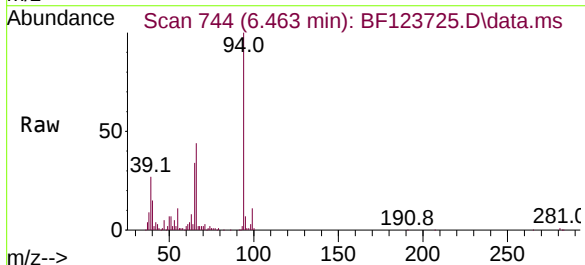
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

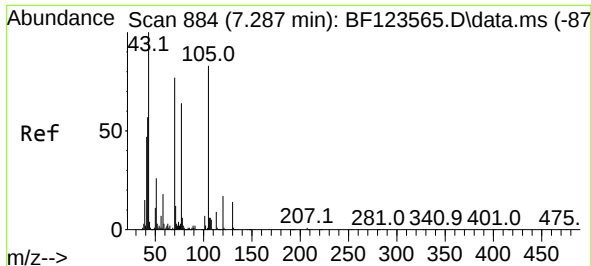
Tgt Ion: 99 Resp: 652715
Ion Ratio Lower Upper
99 100
42 21.5 19.8 29.8
71 35.6 31.1 46.7



#10
Phenol
Concen: 8.52 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.029 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

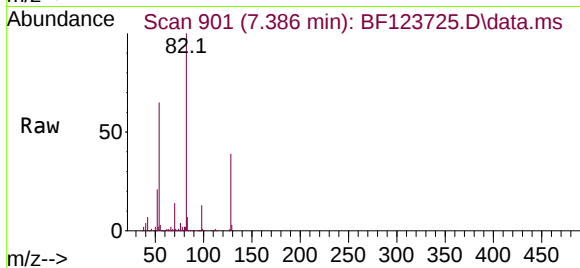
Tgt Ion: 94 Resp: 167076
Ion Ratio Lower Upper
94 100
65 34.4 18.1 58.1
66 43.9 29.0 69.0



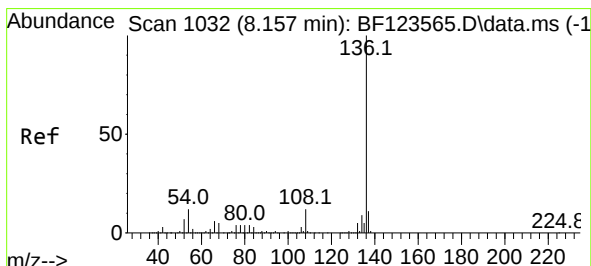
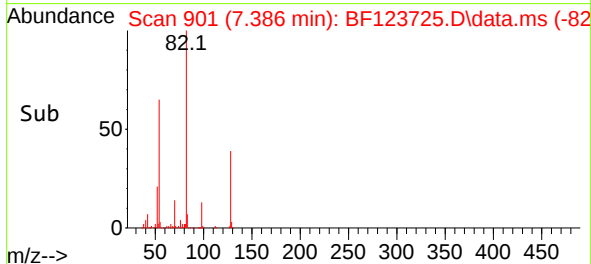
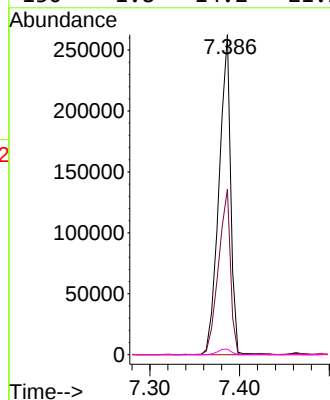


#19
n-Nitroso-di-n-propylamine
Concen: 19.38 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.129 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

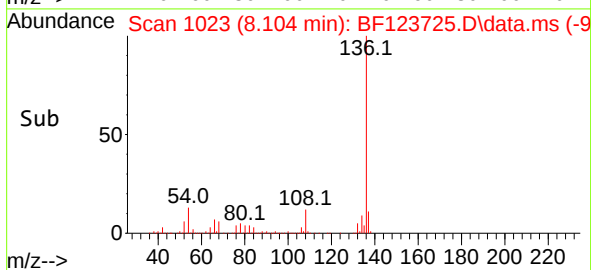
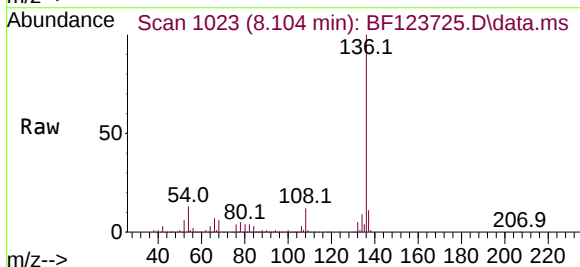
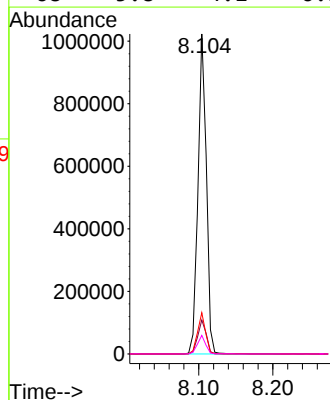


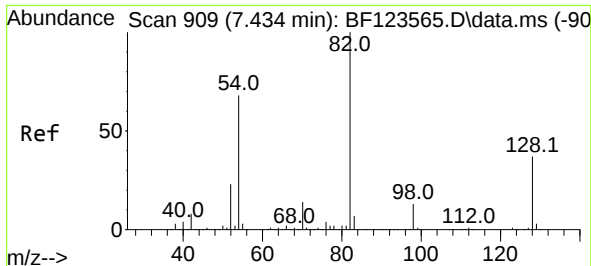
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.7	60.1	90.1#
101	0.0	7.4	11.2#
130	1.8	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	12.9	9.8	14.6
68	5.8	4.1	6.1

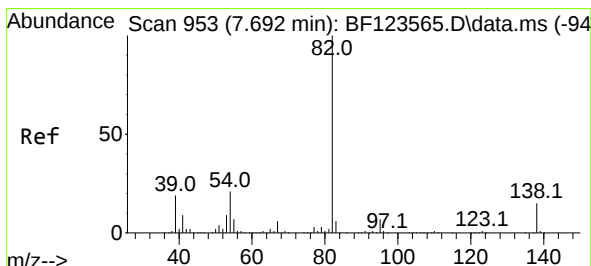
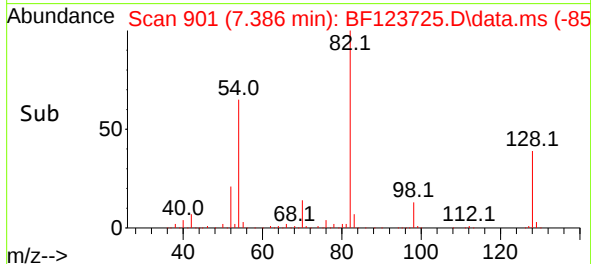
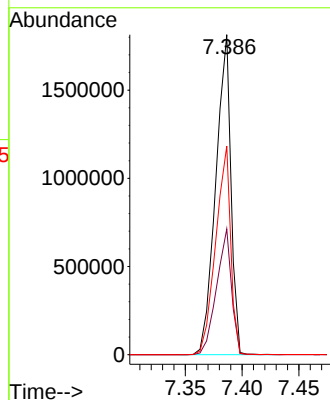
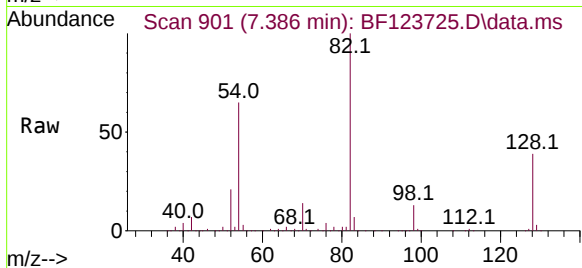




#23
Nitrobenzene-d5
Concen: 96.90 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.018 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

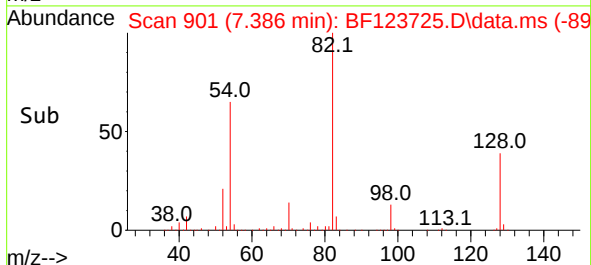
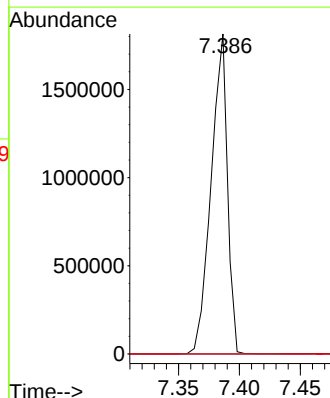
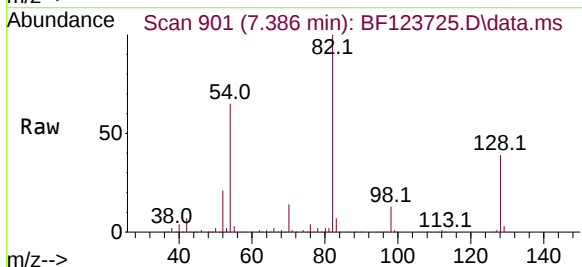
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

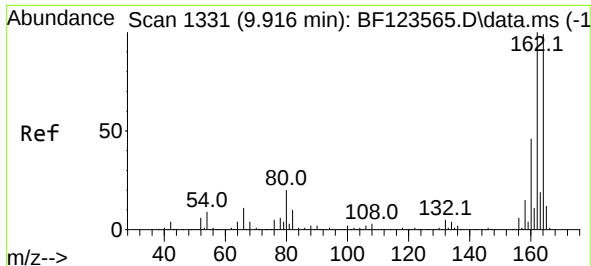
Tgt Ion: 82 Resp: 1687887
Ion Ratio Lower Upper
82 100
128 39.3 29.4 44.2
54 65.2 54.1 81.1



#25
Isophorone
Concen: 49.95 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.276 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion: 82 Resp: 1687864
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

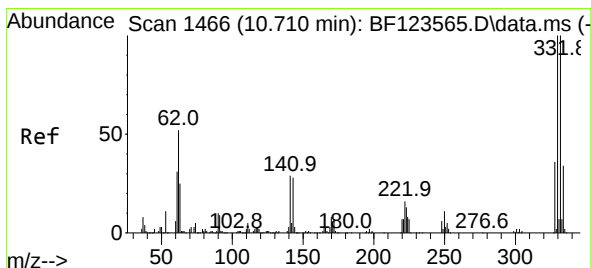
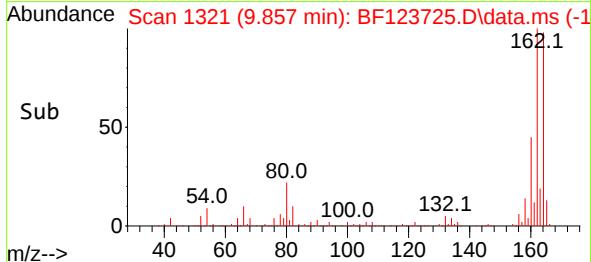
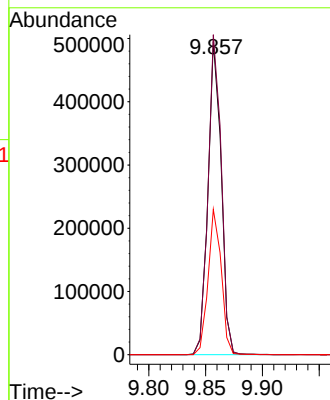
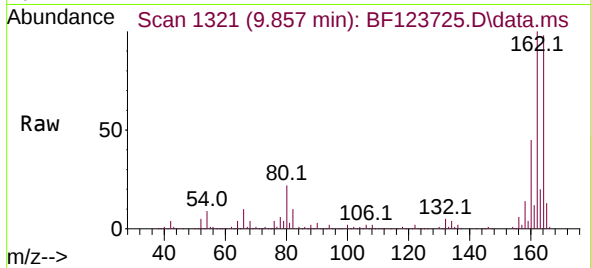




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

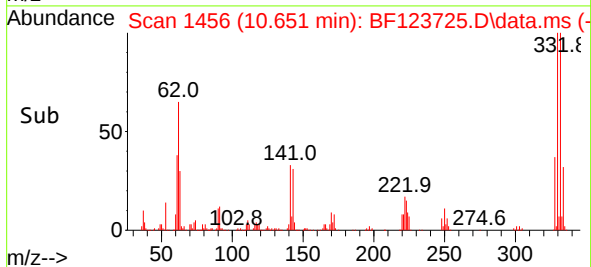
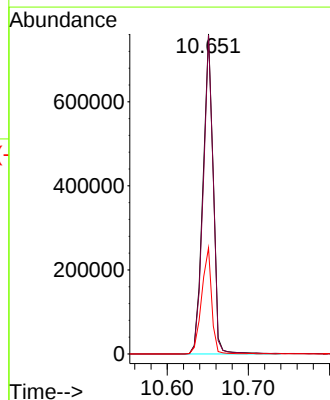
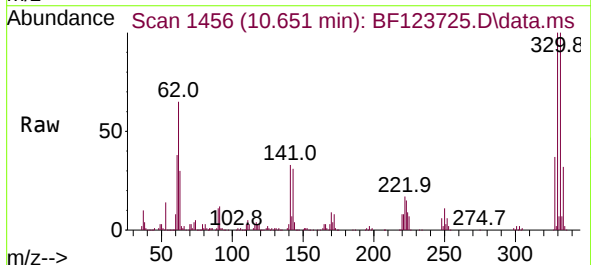
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

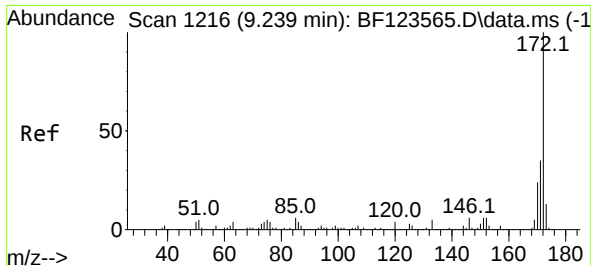
Tgt Ion:164 Resp: 398918
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 46.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 147.51 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion:330 Resp: 666365
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 32.4 27.9 41.9

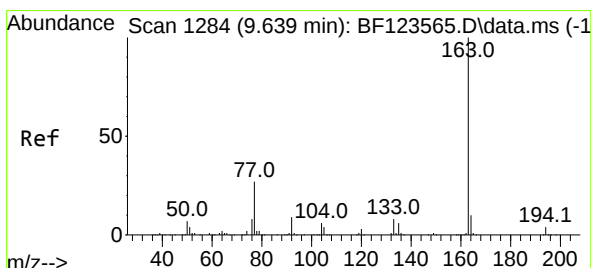
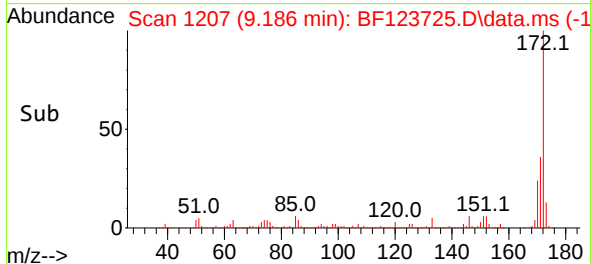
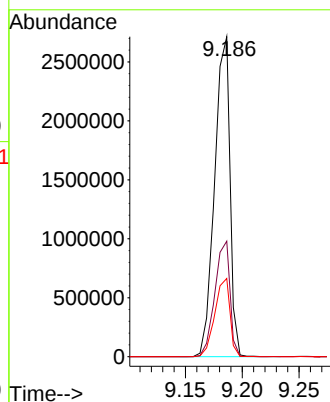
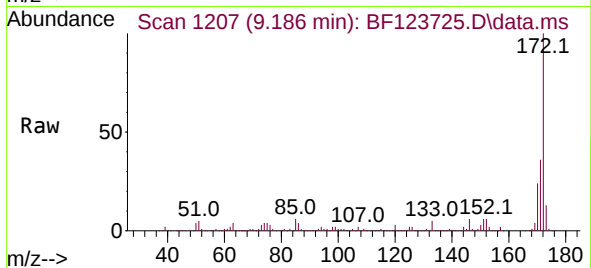




#45
2-Fluorobiphenyl
Concen: 95.43 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

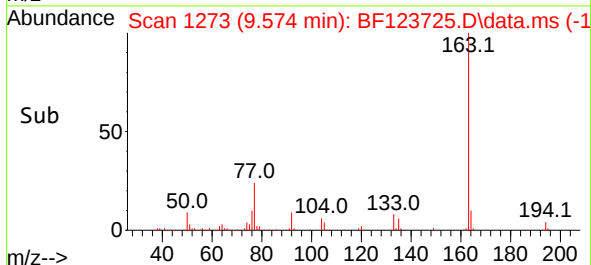
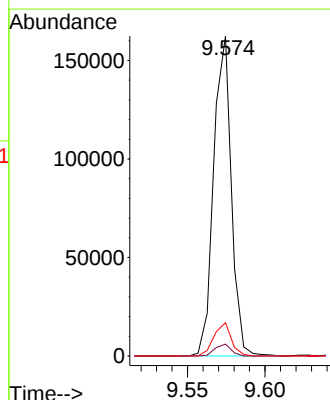
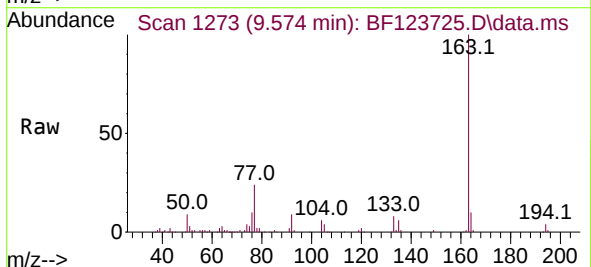
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

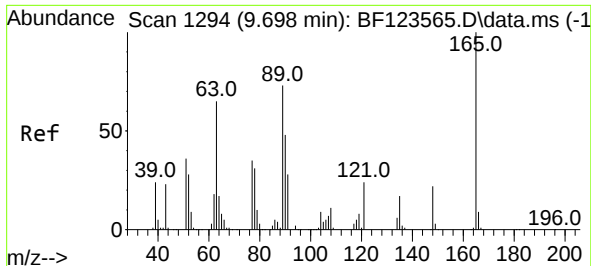
Tgt Ion:172 Resp: 2553666
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.4 19.2 28.8



#50
Dimethylphthalate
Concen: 4.68 ng
RT: 9.574 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion:163 Resp: 128887
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.4 8.2 12.2

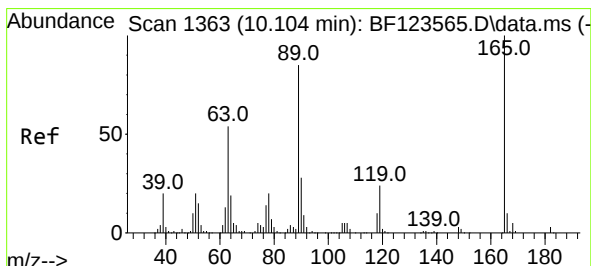
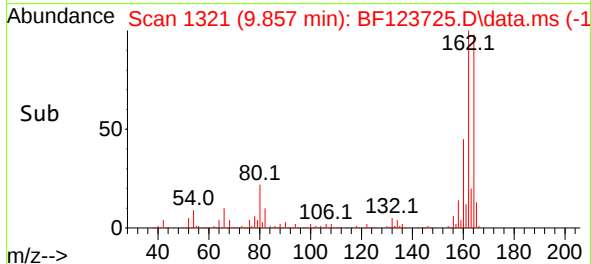
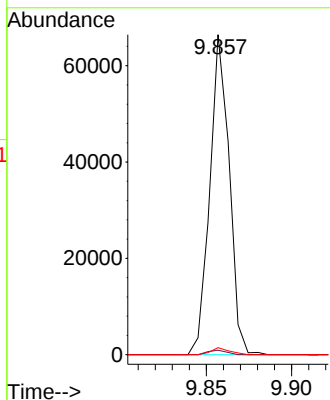
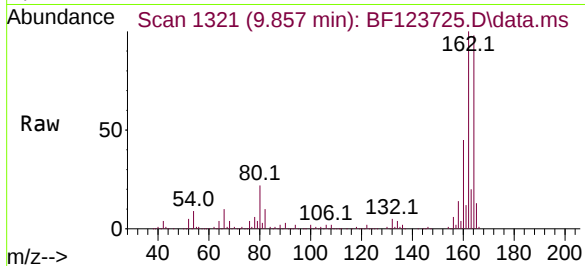




#51
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

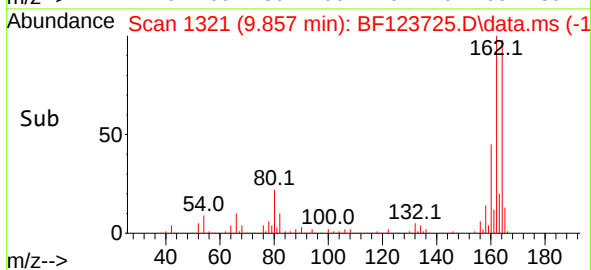
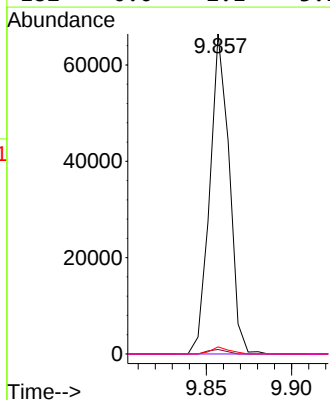
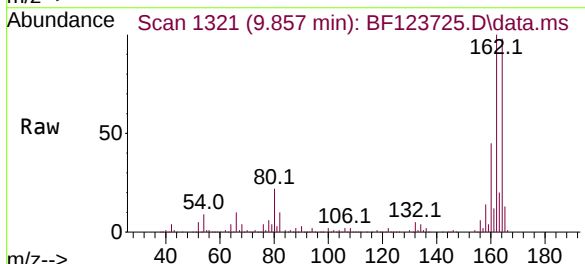
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

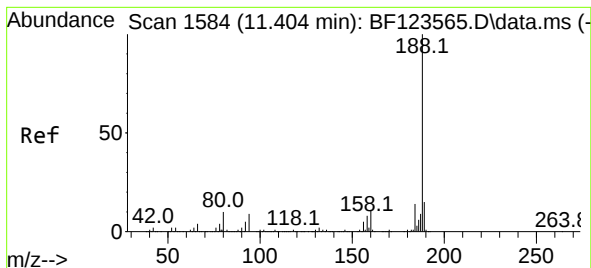
Tgt Ion:165 Resp: 52485
Ion Ratio Lower Upper
165 100
63 1.4 67.7 101.5#
89 2.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion:165 Resp: 52485
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 2.2 67.7 101.5#
182 0.0 2.1 3.1#

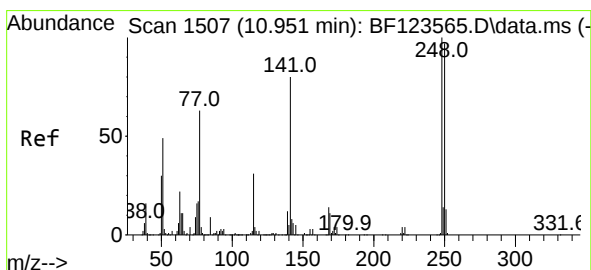
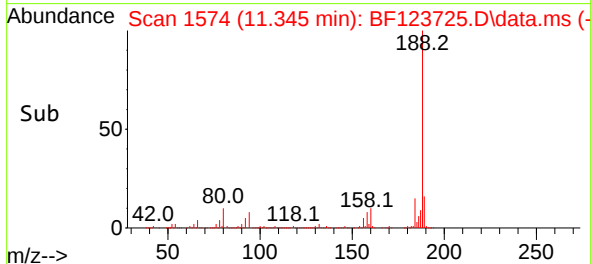
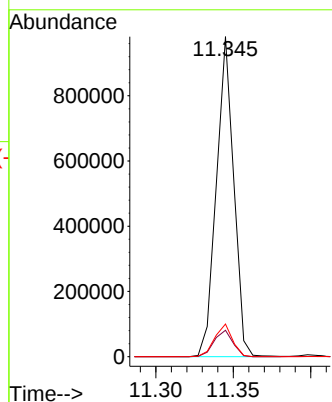
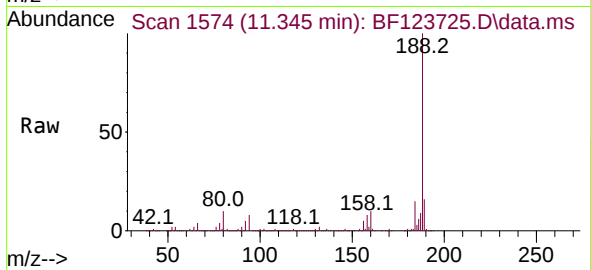




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

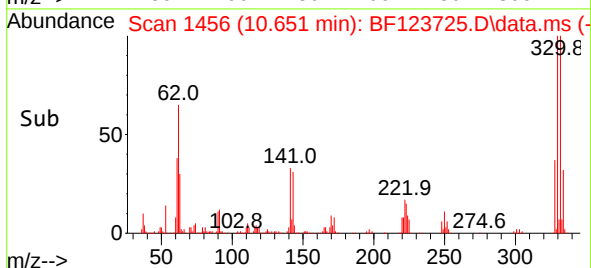
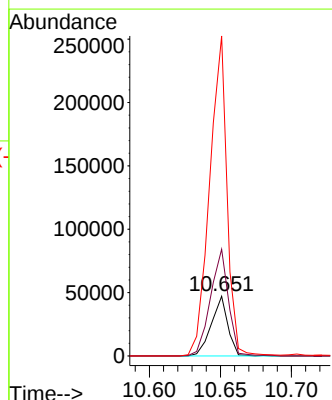
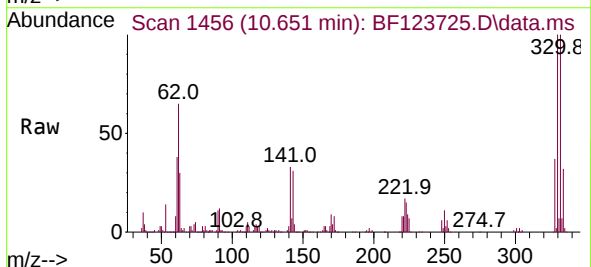
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

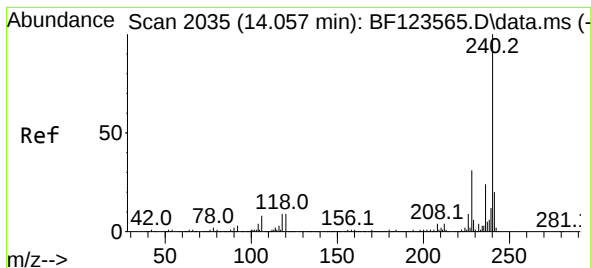
Tgt Ion:188 Resp: 764837
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 10.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion:248 Resp: 38274
Ion Ratio Lower Upper
248 100
250 178.8 77.4 116.2#
141 536.3 63.7 95.5#

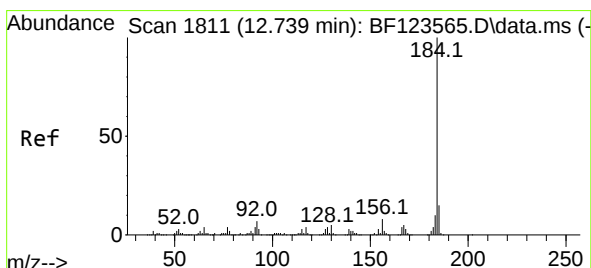
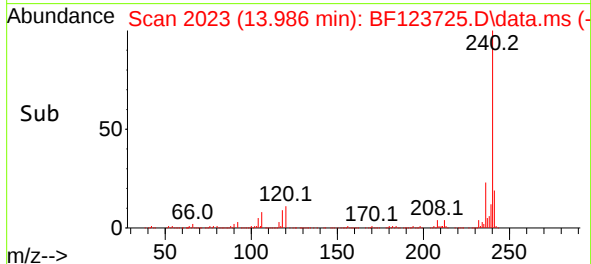
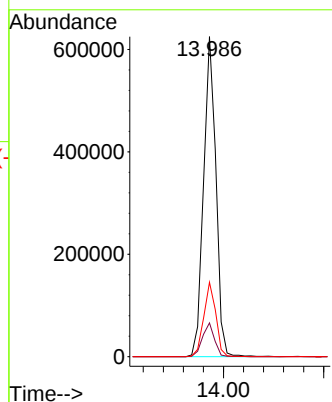
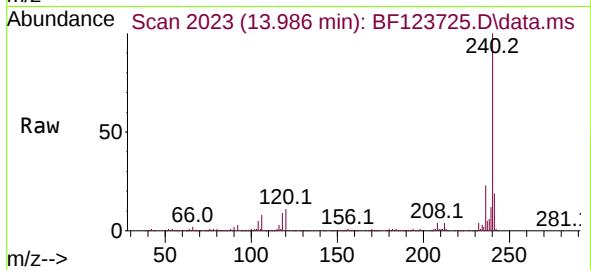




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

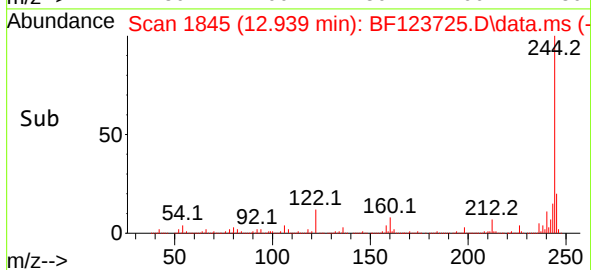
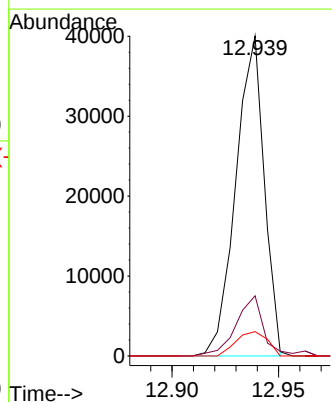
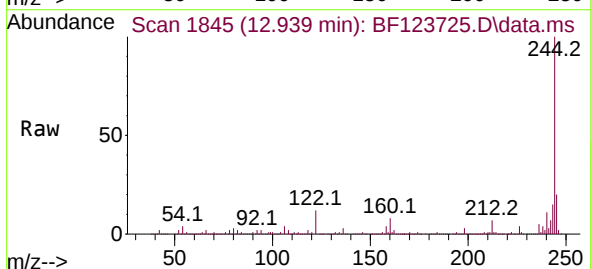
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

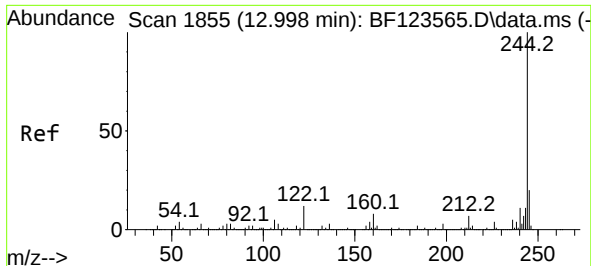
Tgt Ion:240 Resp: 536082
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 23.2 19.0 28.4



#77
Benzidine
Concen: 2.55 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.229 min
Lab File: BF123725.D
Acq: 24 Apr 2021 19:24

Tgt Ion:184 Resp: 37156
Ion Ratio Lower Upper
184 100
185 18.8 12.1 18.1#
183 7.6 7.8 11.8#

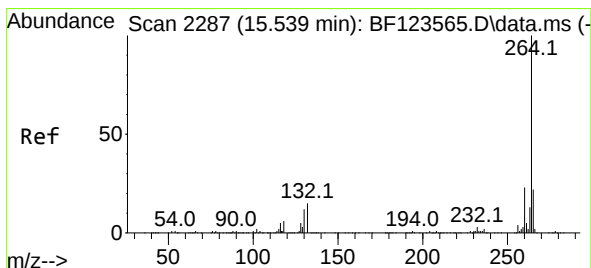
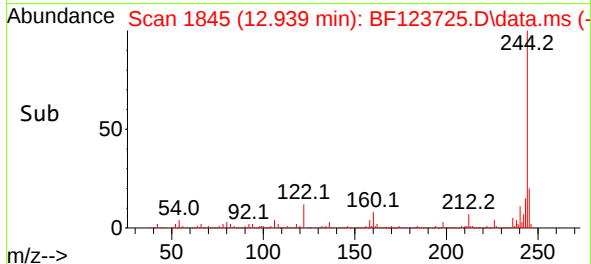
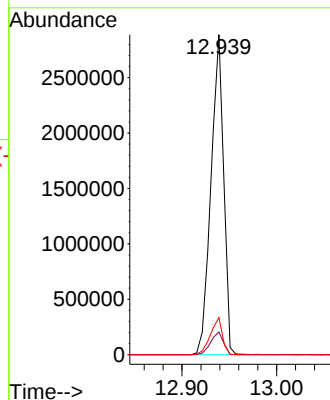
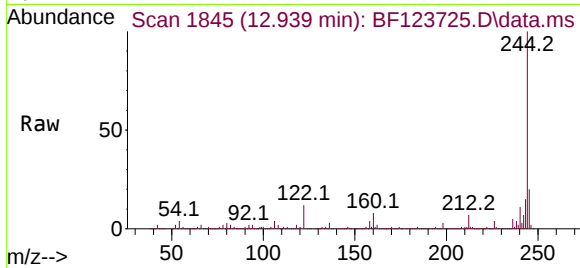




#79
 Terphenyl-d14
 Concen: 97.02 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.024 min
 Lab File: BF123725.D
 Acq: 24 Apr 2021 19:24

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:244 Resp: 2676144
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.6 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.041 min
 Lab File: BF123725.D
 Acq: 24 Apr 2021 19:24

Tgt Ion:264 Resp: 392717
 Ion Ratio Lower Upper
 264 100
 260 25.9 18.7 28.1
 265 21.6 17.8 26.8

