

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
 Data File : BF123235.D
 Acq On : 19 Feb 2021 20:07
 Operator : JU/CG
 Sample : M1399-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

mohammad
 2/22/2021 2:10:05 PM

Quant Time: Feb 19 23:09:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	123785	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	471012	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	201329	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	350911	20.00	ng	0.01
76) Chrysene-d12	14.062	240	301480	20.00	ng	0.02
86) Perylene-d12	15.521	264	303913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	492191	57.23	ng	0.01
7) Phenol-d6	6.486	99	292534	25.04	ng	0.00
23) Nitrobenzene-d5	7.422	82	992380	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	154041	75.14	ng	0.02
45) 2-Fluorobiphenyl	9.222	172	1508417	107.62	ng	0.00
79) Terphenyl-d14	13.010	244	284153m	18.12	ng	0.02
Target Compounds						Qvalue
10) Phenol	6.504	94	47675	3.74	ng	95
32) Benzoic acid	7.910	122	59274	11.42	ng	# 48
84) Bis(2-ethylhexyl)phtha...	14.039	149	42782	3.12	ng	99

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

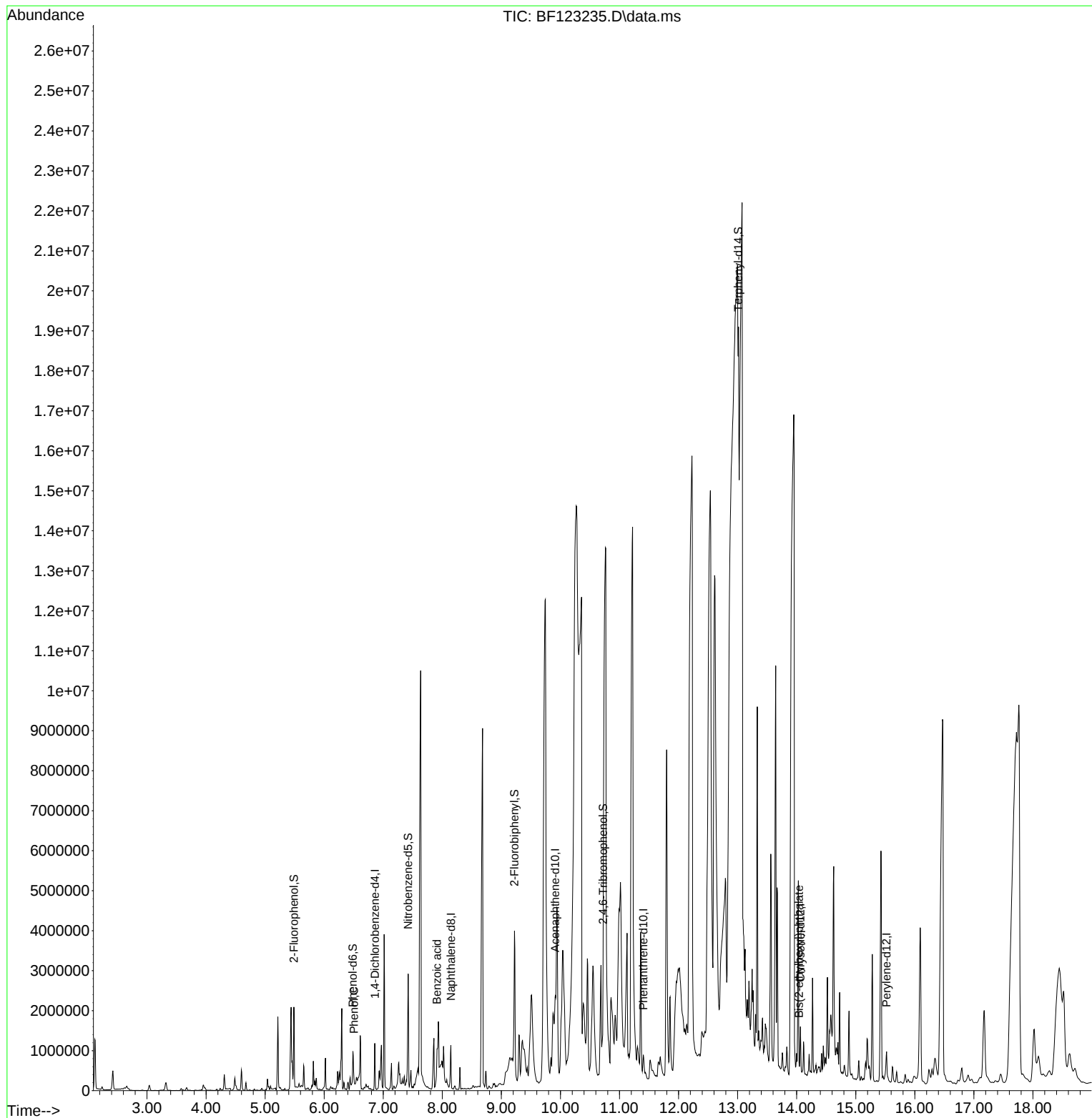
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123235.D
Acq On : 19 Feb 2021 20:07
Operator : JU/CG
Sample : M1399-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

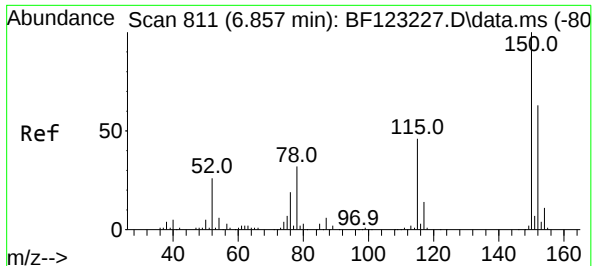
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Manual Integrations
APPROVED

mohammad
2/22/2021 2:10:05 PM

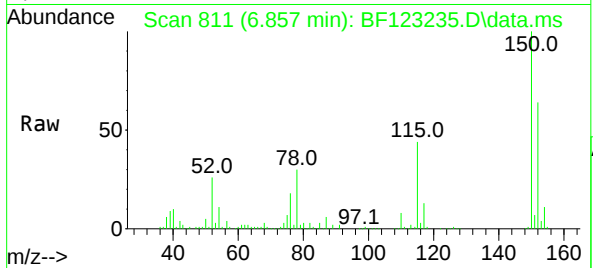
Quant Time: Feb 19 23:09:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

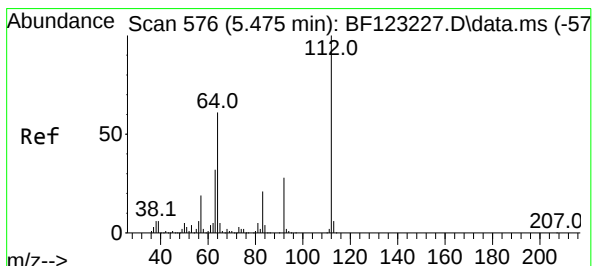
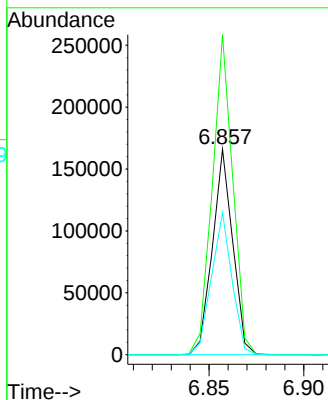
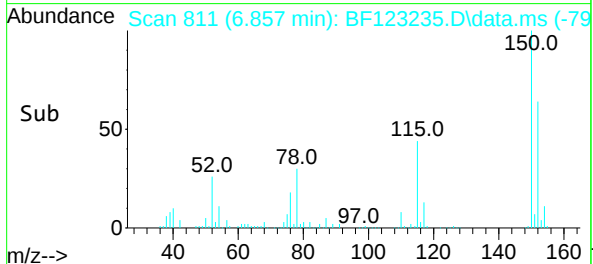
Instrument :
BNA_F
ClientSampled :
EFF-WW



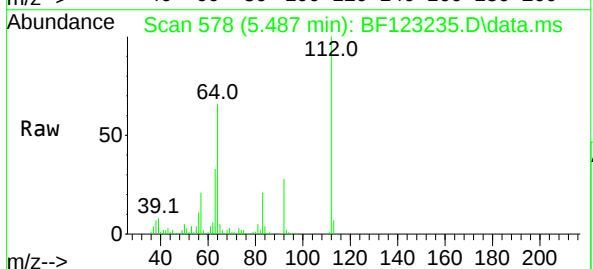
Tgt Ion:152 Resp: 123785
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 69.3 49.3 73.9

Manual Integrations
APPROVED

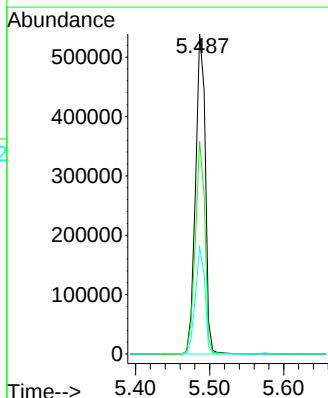
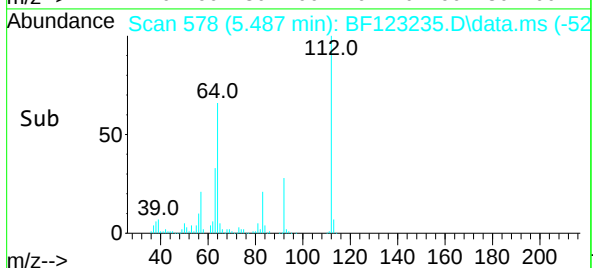
mohammad
2/22/2021 2:10:05 PM

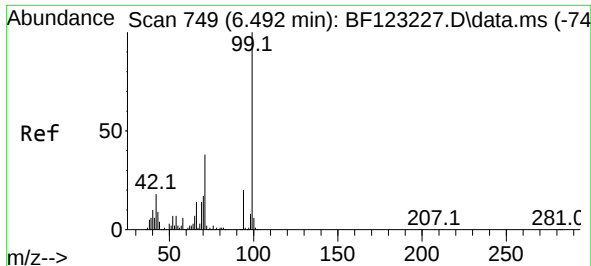


#5
2-Fluorophenol
Concen: 57.23 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07



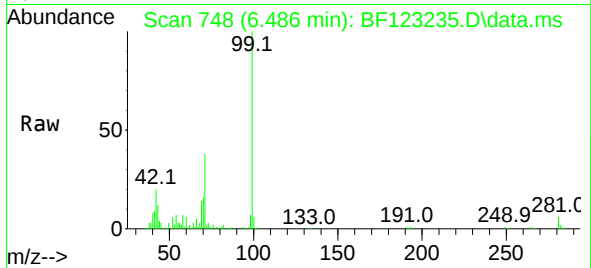
Tgt Ion:112 Resp: 492191
Ion Ratio Lower Upper
112 100
64 66.4 46.9 70.3
63 33.5 24.5 36.7





#7
Phenol-d6
Concen: 25.04 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

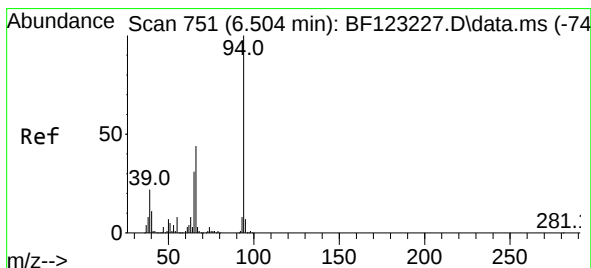
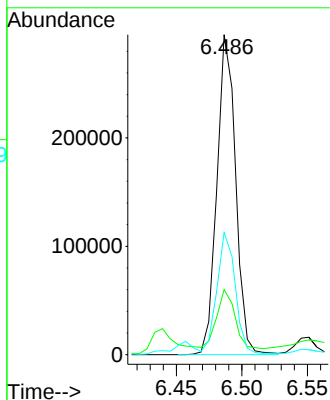
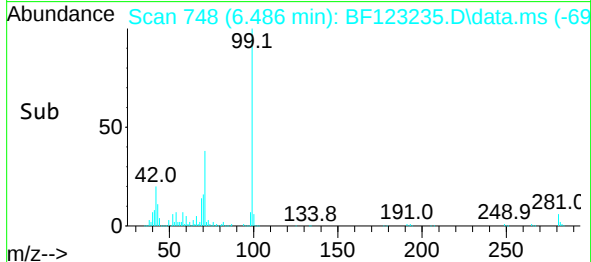
Instrument :
BNA_F
ClientSampleId :
EFF-WW



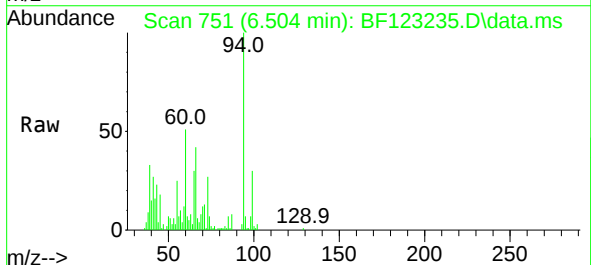
Tgt Ion: 99 Resp: 292534
Ion Ratio Lower Upper
99 100
42 20.3 13.8 20.6
71 38.2 26.9 40.3

Manual Integrations
APPROVED

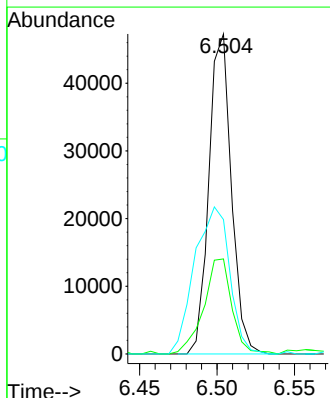
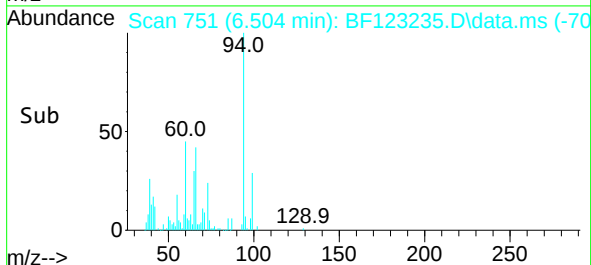
mohammad
2/22/2021 2:10:05 PM

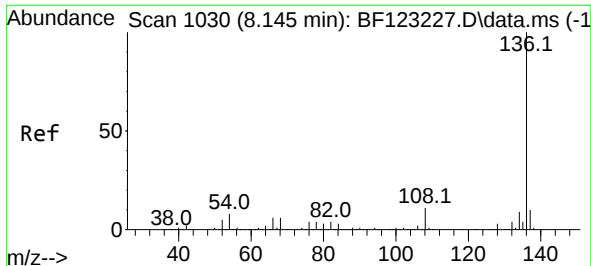


#10
Phenol
Concen: 3.74 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

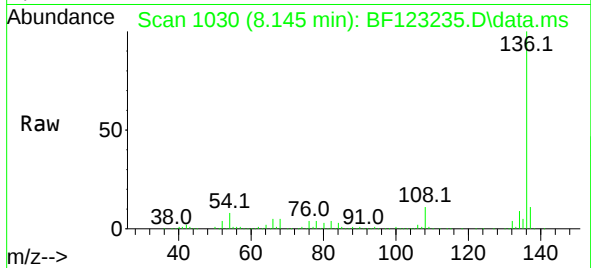


Tgt Ion: 94 Resp: 47675
Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 42.0 25.8 65.8

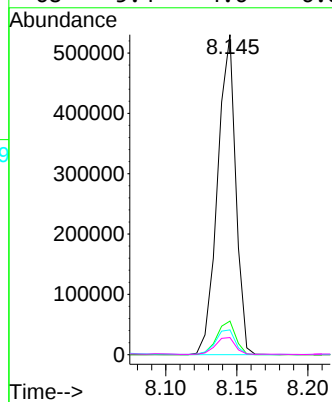
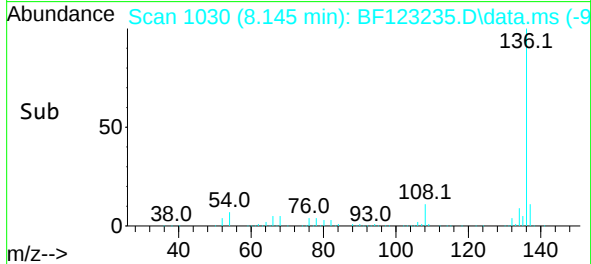




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07



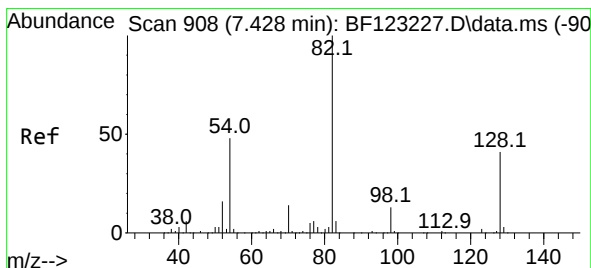
Tgt Ion:	136	Resp:	471012
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.8	5.5	8.3
68	5.4	4.6	6.8



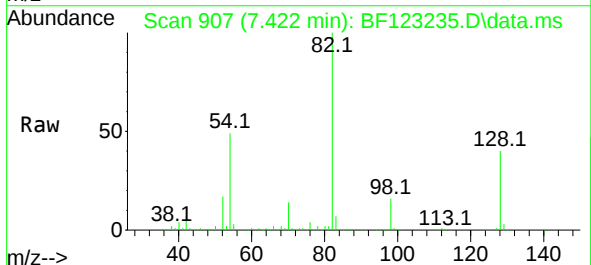
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Manual Integrations
APPROVED

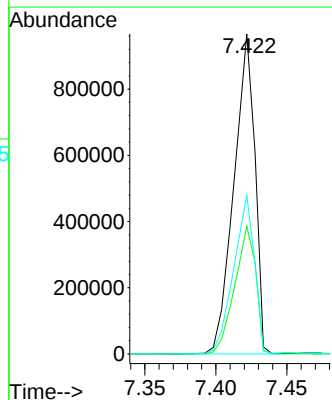
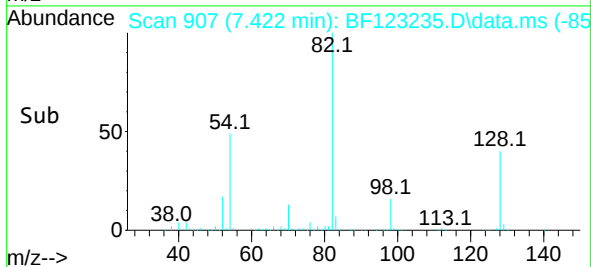
mohammad
2/22/2021 2:10:05 PM

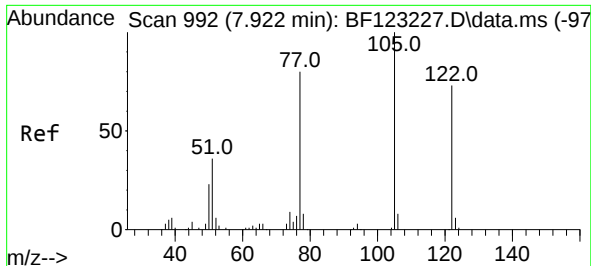


#23
Nitrobenzene-d5
Concen: 96.45 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07



Tgt Ion:	82	Resp:	992380
Ion	Ratio	Lower	Upper
82	100		
128	39.9	37.0	55.4
54	49.5	38.4	57.6





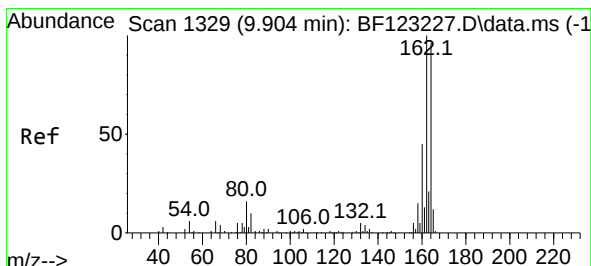
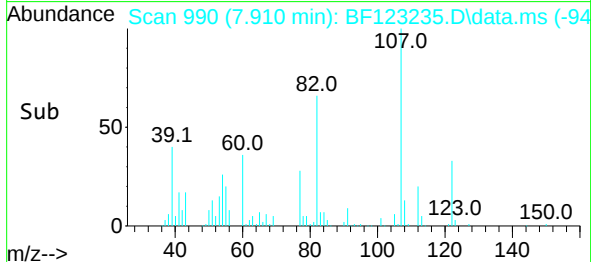
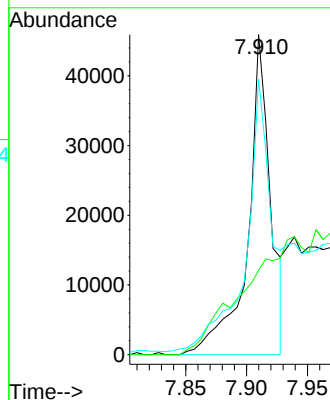
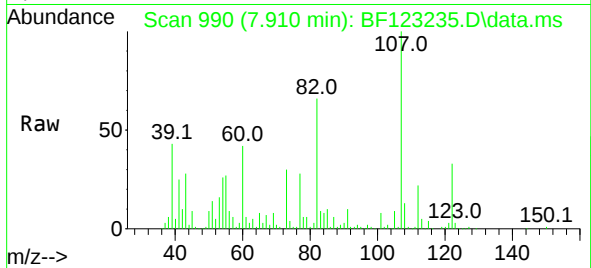
#32
Benzoic acid
Concen: 11.42 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

Tgt Ion:122 Resp: 59274
Ion Ratio Lower Upper
122 100
105 26.3 104.8 144.8#
77 86.2 71.0 111.0

Instrument :
BNA_F
ClientSampled :
EFF-WW

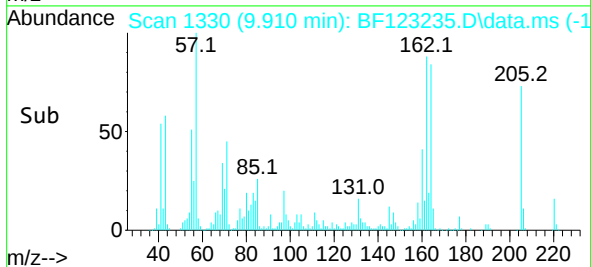
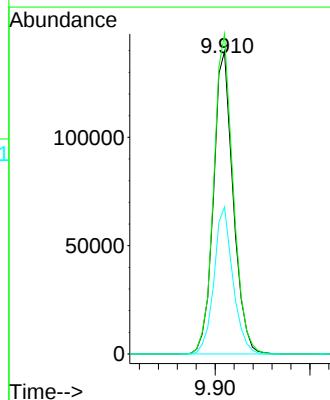
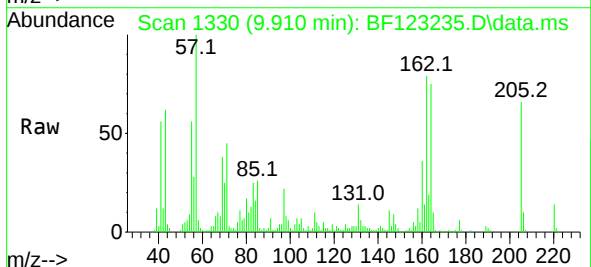
Manual Integrations
APPROVED

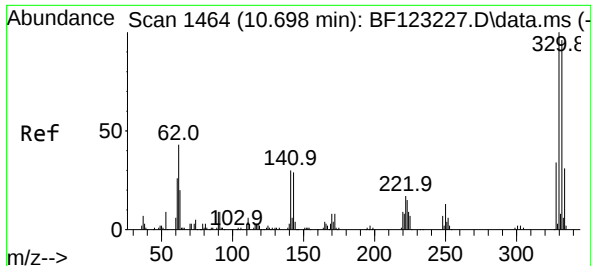
mohammad
2/22/2021 2:10:05 PM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

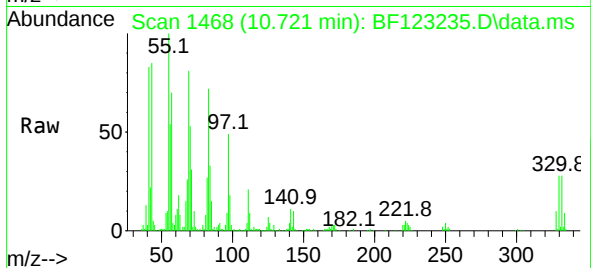
Tgt Ion:164 Resp: 201329
Ion Ratio Lower Upper
164 100
162 105.8 80.8 121.2
160 48.7 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 75.14 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.023 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

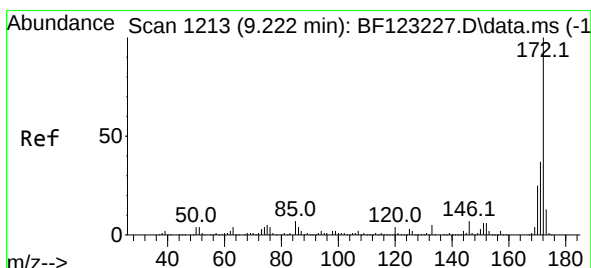
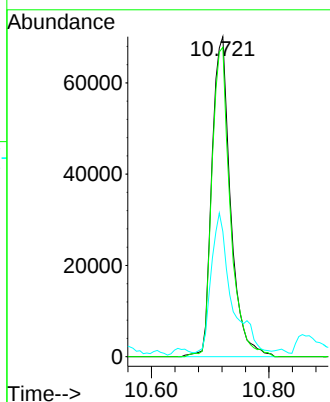
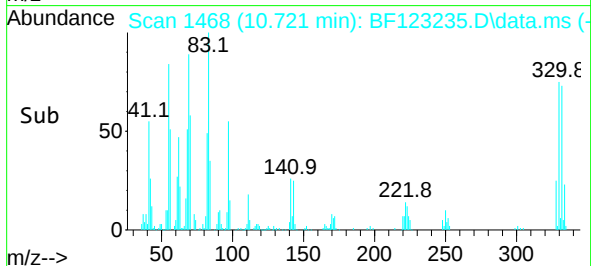
Instrument :
BNA_F
ClientSampled :
EFF-WW



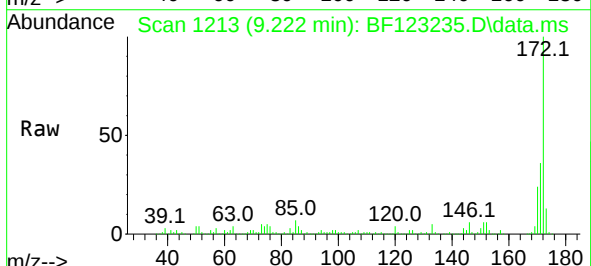
Tgt Ion:330 Resp: 154041
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 46.8 23.8 35.8#

Manual Integrations
APPROVED

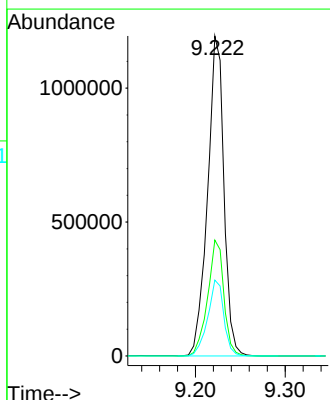
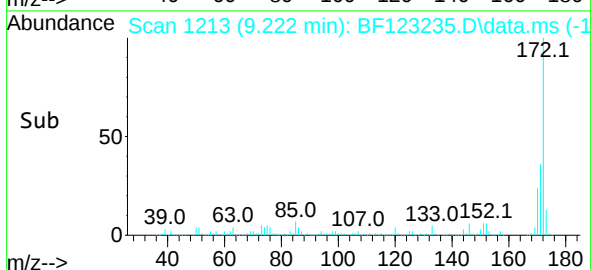
mohammad
2/22/2021 2:10:05 PM

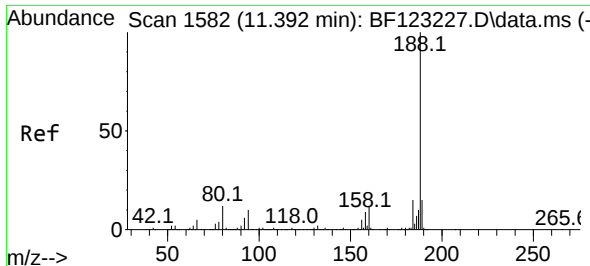


#45
2-Fluorobiphenyl
Concen: 107.62 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07



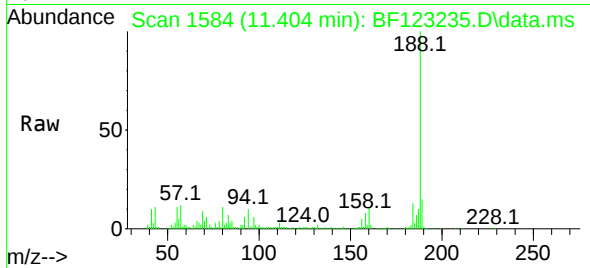
Tgt Ion:172 Resp: 1508417
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

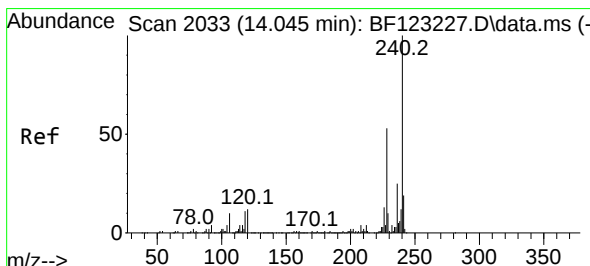
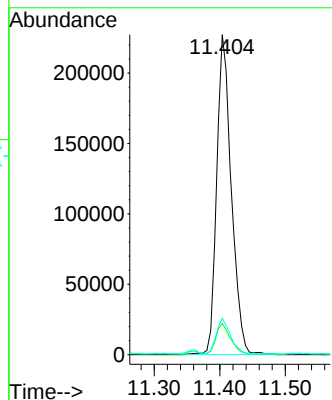
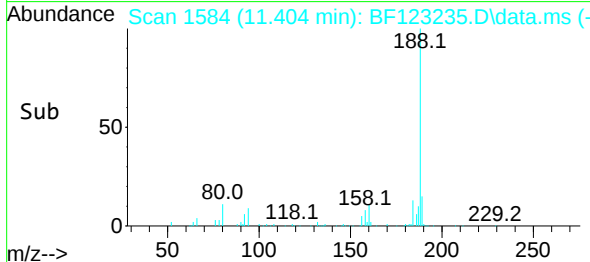
Instrument :
BNA_F
ClientSampleId :
EFF-WW



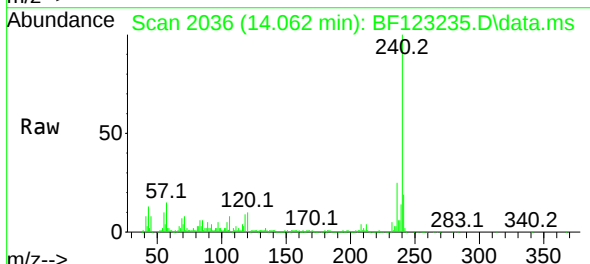
Tgt Ion:188 Resp: 350911
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.4 8.2 12.4

Manual Integrations
APPROVED

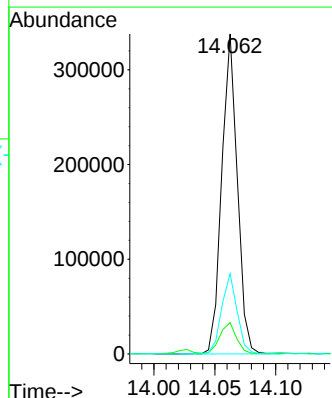
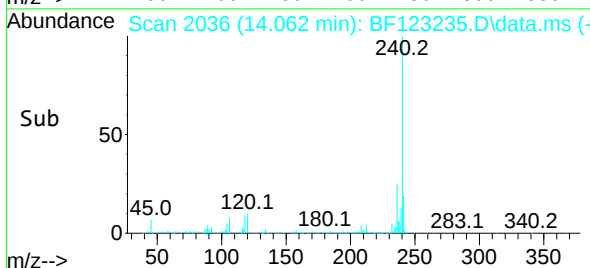
mohammad
2/22/2021 2:10:05 PM

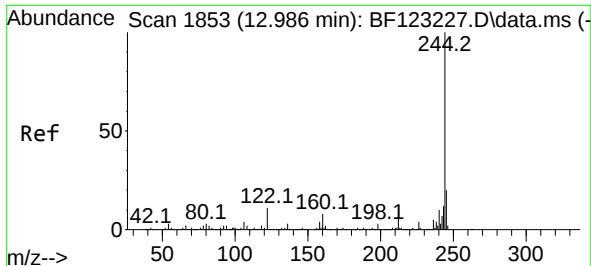


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07

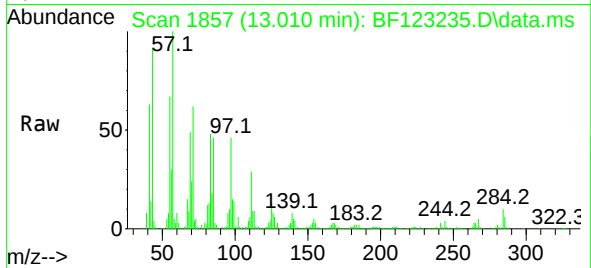


Tgt Ion:240 Resp: 301480
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.1 20.3 30.5

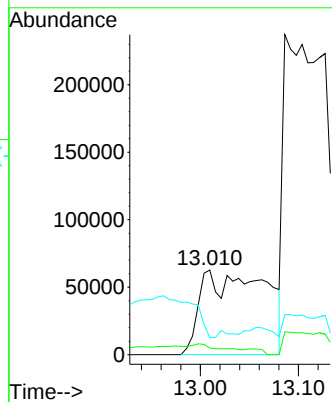
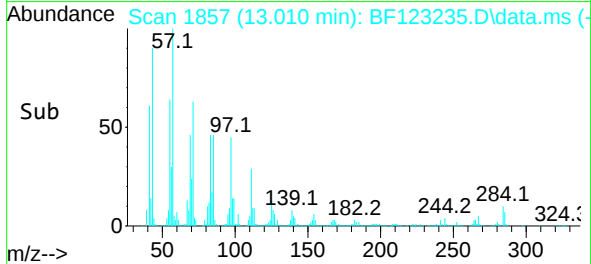




#79
Terphenyl-d14
Concen: 18.12 ng m
RT: 13.010 min Scan# 1857
Delta R.T. 0.024 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07



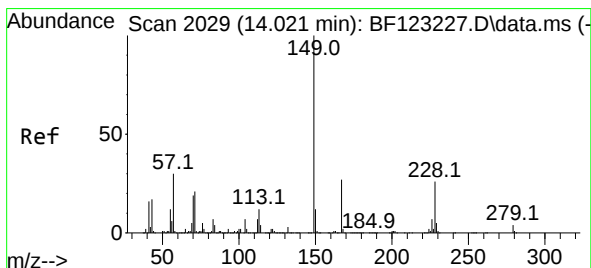
Tgt Ion:244 Resp: 284153
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 20.1 8.3 12.5#



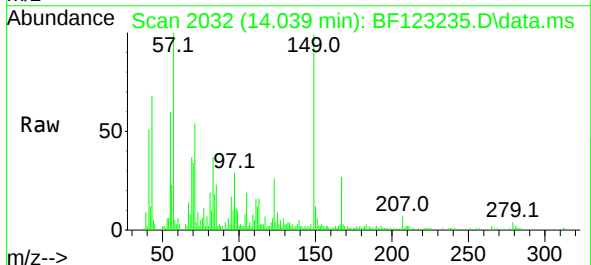
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Manual Integrations
APPROVED

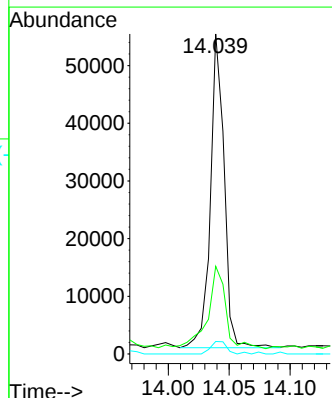
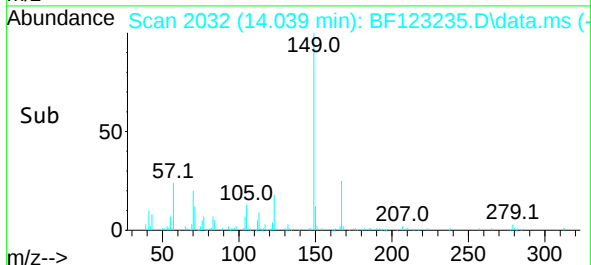
mohammad
2/22/2021 2:10:05 PM

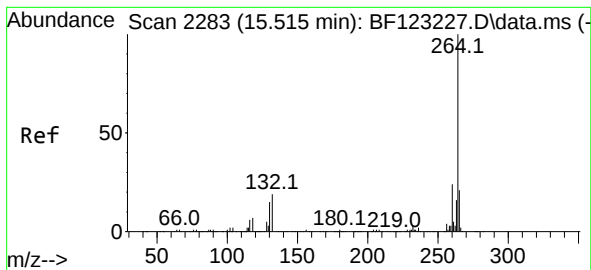


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.12 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.018 min
Lab File: BF123235.D
Acq: 19 Feb 2021 20:07



Tgt Ion:149 Resp: 42782
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.2
279 3.9 3.4 5.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.521 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF123235.D

Acq: 19 Feb 2021 20:07

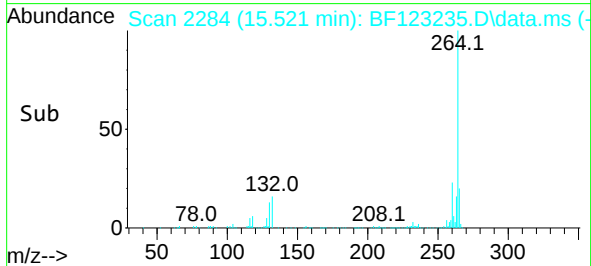
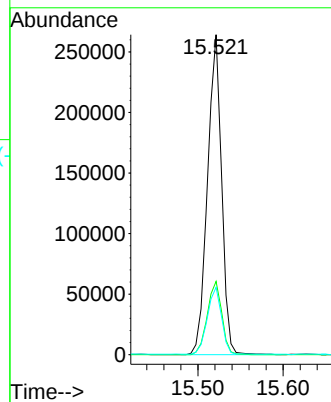
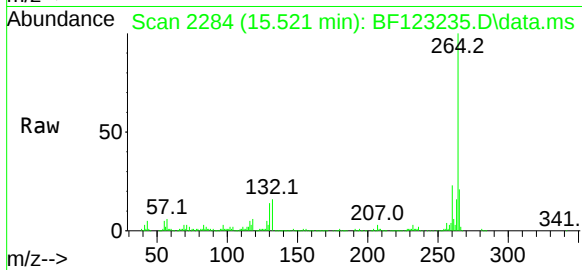
Tgt Ion: 264 Resp: 303913

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.0 17.0 25.6



Instrument :

BNA_F

ClientSampleId :

EFF-WW

Manual Integrations

APPROVED

mohammad
2/22/2021 2:10:05 PM