

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123136.D
 Acq On : 5 Feb 2021 15:33
 Operator : JU/CG
 Sample : M1305-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-CON

Manual Integrations
 APPROVED

mohammad
 2/8/2021 12:18:22 PM

Quant Time: Feb 05 16:36:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	169949	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	653156	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	358017	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	676325	20.00	ng	0.00
76) Chrysene-d12	14.080	240	683198	20.00	ng	0.00
86) Perylene-d12	15.574	264	653476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1230690	111.70	ng	0.00
7) Phenol-d6	6.516	99	1560425	104.49	ng	0.00
23) Nitrobenzene-d5	7.457	82	979613	75.48	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	422847	108.80	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1818082	75.49	ng	0.00
79) Terphenyl-d14	13.027	244	2292459	65.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	49913	3.37	ng	96
32) Benzoic acid	7.881	122	13520m	6.42	ng	
50) Dimethylphthalate	9.645	163	79876	2.84	ng	99

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

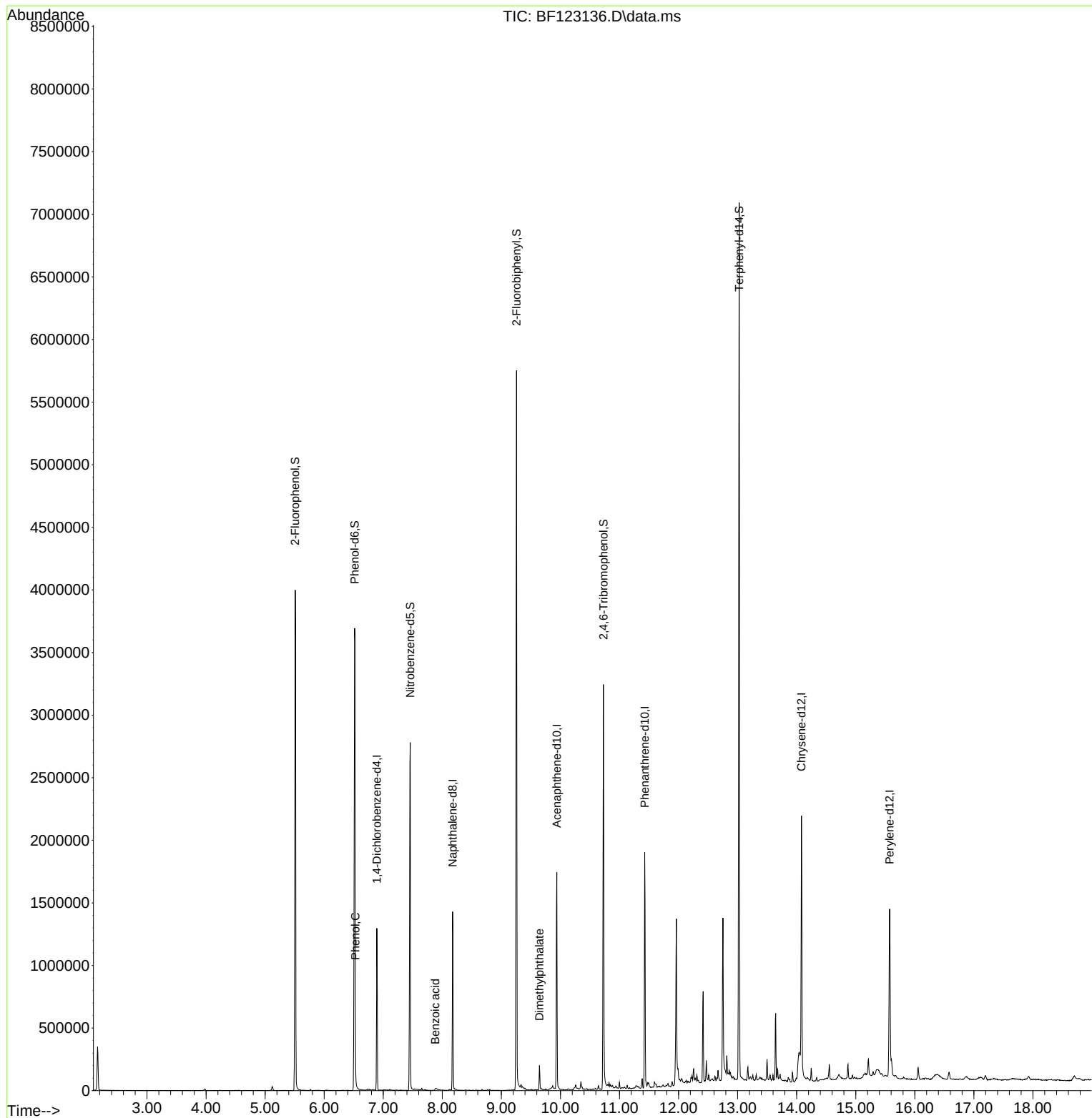
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123136.D
Acq On : 5 Feb 2021 15:33
Operator : JU/CG
Sample : M1305-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

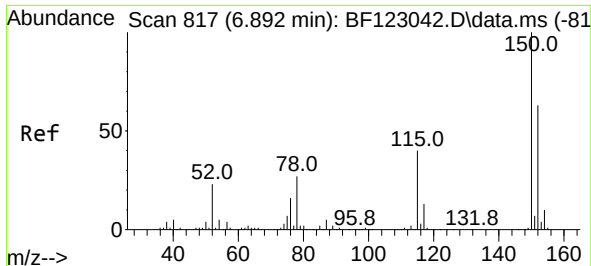
Instrument :
BNA_F
ClientSampleId :
LS-CON

Manual Integrations
APPROVED

mohammad
2/8/2021 12:18:22 PM

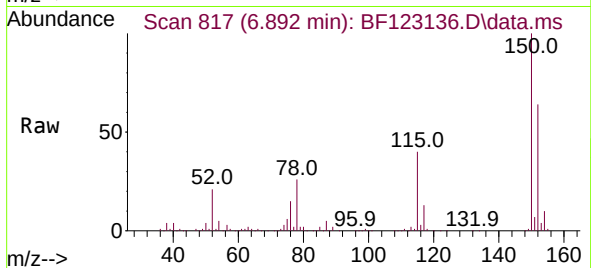
Quant Time: Feb 05 16:36:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

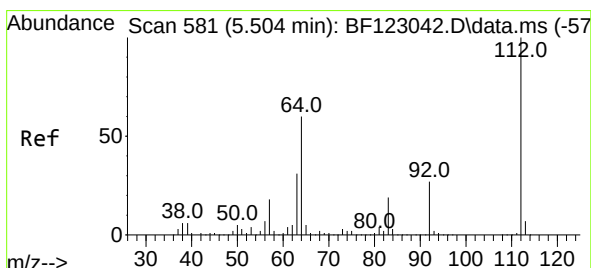
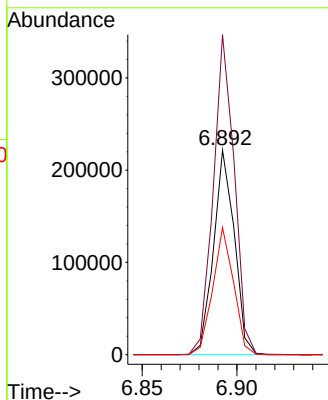
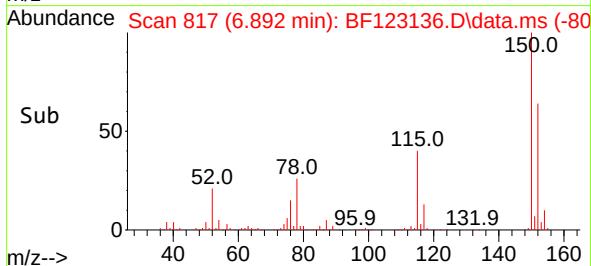
Instrument :
BNA_F
ClientSampled :
LS-CON



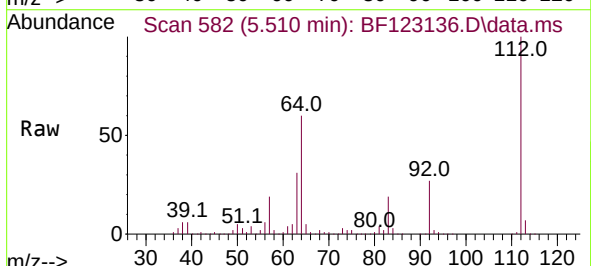
Tgt Ion:152 Resp: 169949
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 62.1 49.3 73.9

Manual Integrations
APPROVED

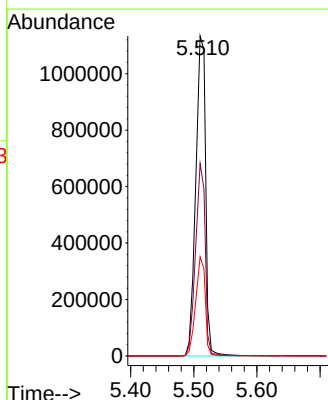
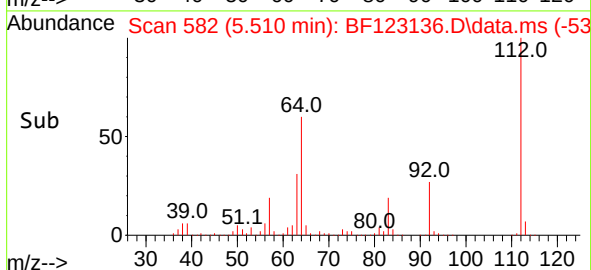
mohammad
2/8/2021 12:18:22 PM

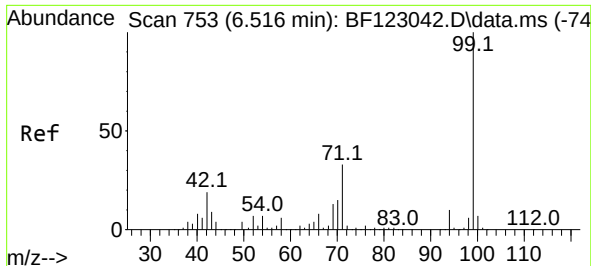


#5
2-Fluorophenol
Concen: 111.70 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33



Tgt Ion:112 Resp: 1230690
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 31.0 24.5 36.7





#7
Phenol-d6
Concen: 104.49 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

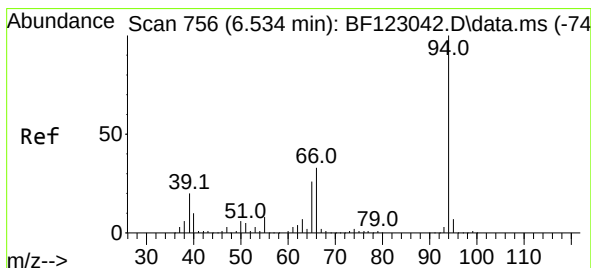
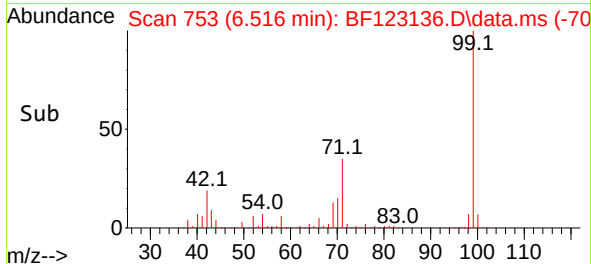
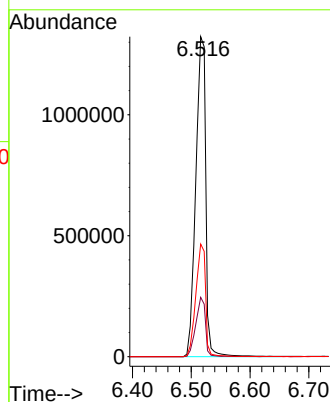
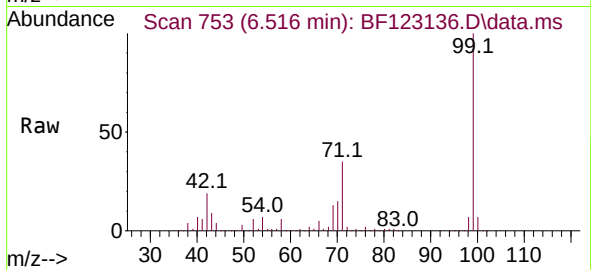
Tgt Ion: 99 Resp: 1560425

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.8	20.6
71	35.2	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
LS-CON

Manual Integrations
APPROVED

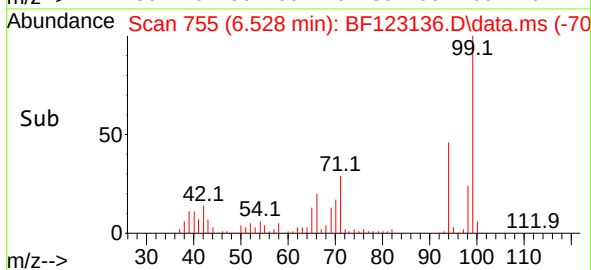
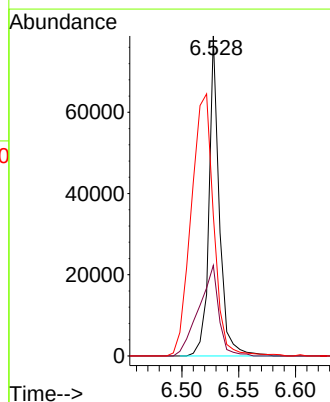
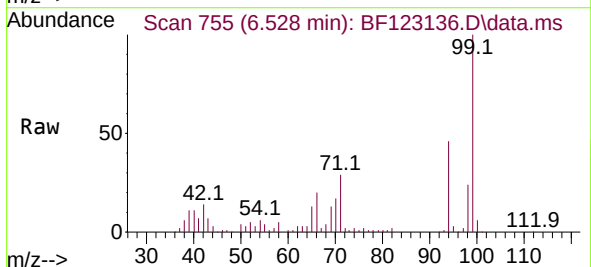
mohammad
2/8/2021 12:18:22 PM

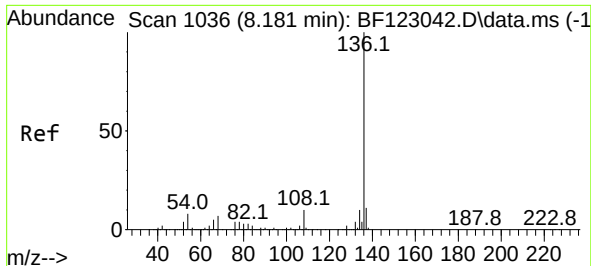


#10
Phenol
Concen: 3.37 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion: 94 Resp: 49913

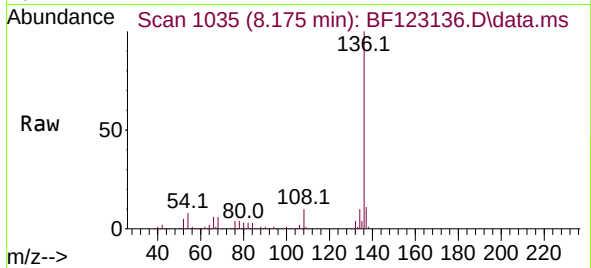
Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.2	51.2
66	43.9	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

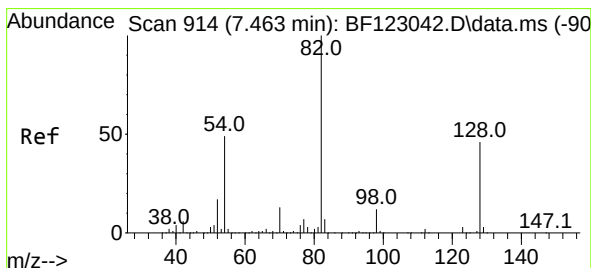
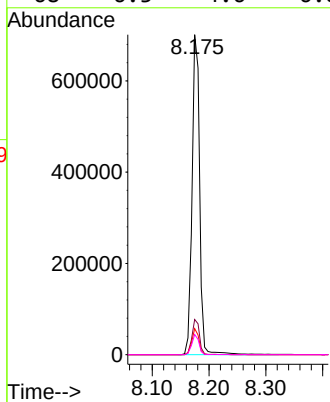
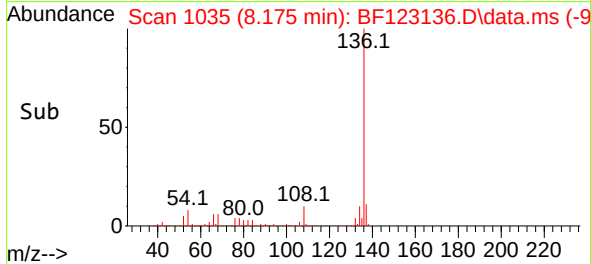
Instrument :
BNA_F
ClientSampled :
LS-CON



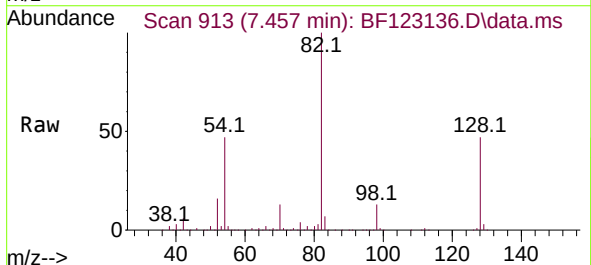
Tgt Ion:136 Resp: 653156
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.5 8.3
68 6.3 4.6 6.8

Manual Integrations
APPROVED

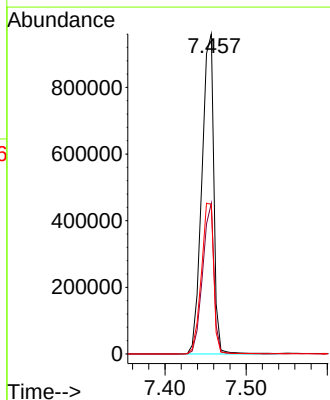
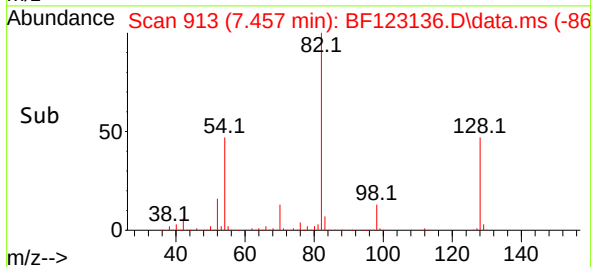
mohammad
2/8/2021 12:18:22 PM

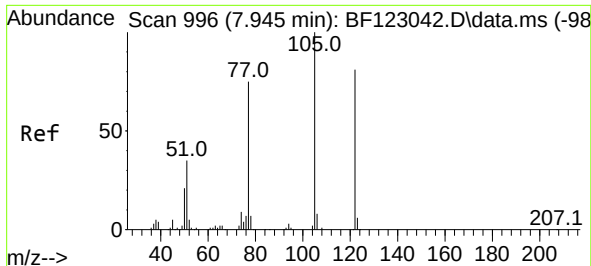


#23
Nitrobenzene-d5
Concen: 75.48 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33



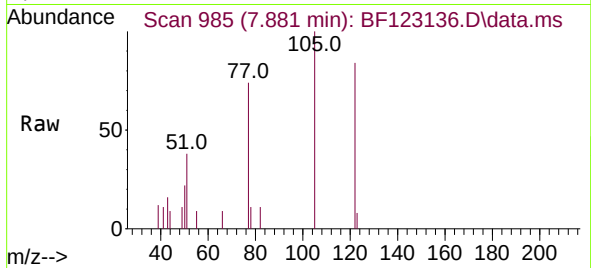
Tgt Ion: 82 Resp: 979613
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 46.7 38.4 57.6





#32
Benzoic acid
Concen: 6.42 ng m
RT: 7.881 min Scan# 985
Delta R.T. -0.064 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

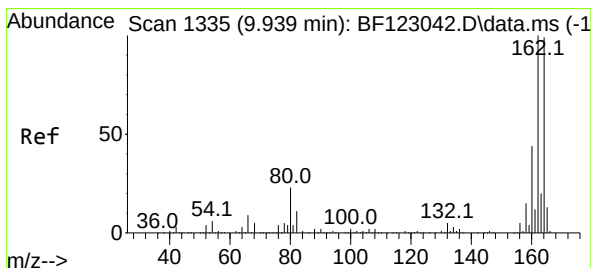
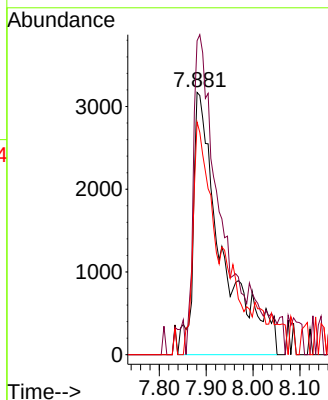
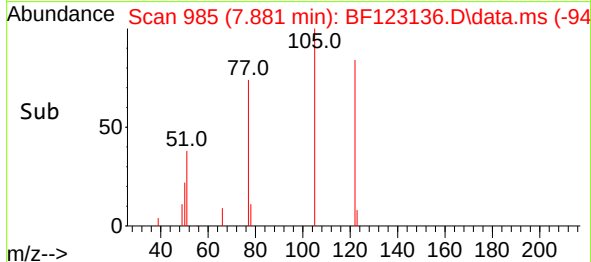
Instrument :
BNA_F
ClientSampled :
LS-CON



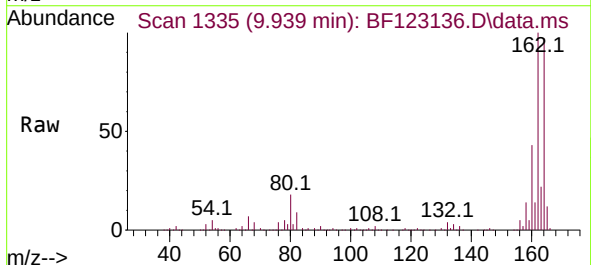
Tgt Ion:122 Resp: 13520
Ion Ratio Lower Upper
122 100
105 119.7 104.8 144.8
77 88.7 71.0 111.0

Manual Integrations
APPROVED

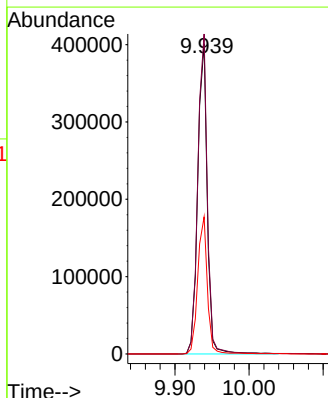
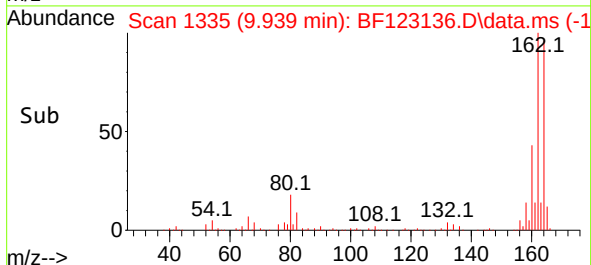
mohammad
2/8/2021 12:18:22 PM

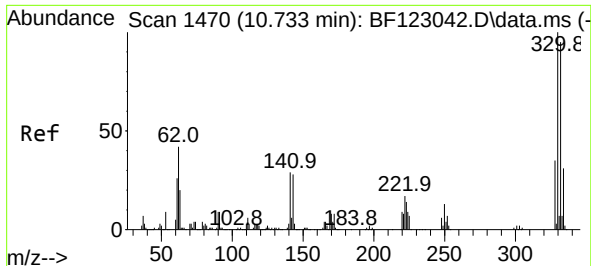


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

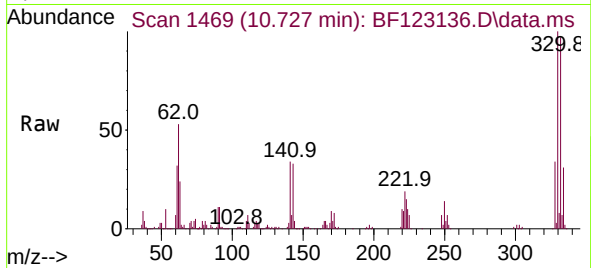


Tgt Ion:164 Resp: 358017
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.2 35.4 53.0

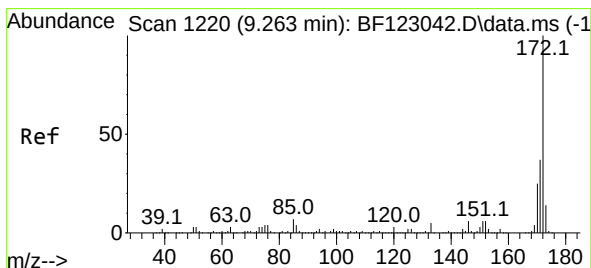
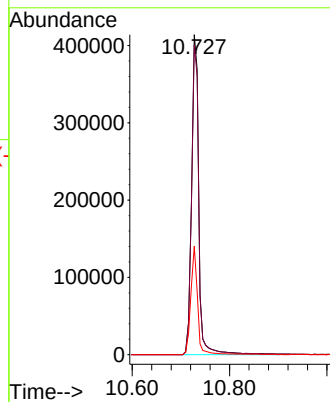
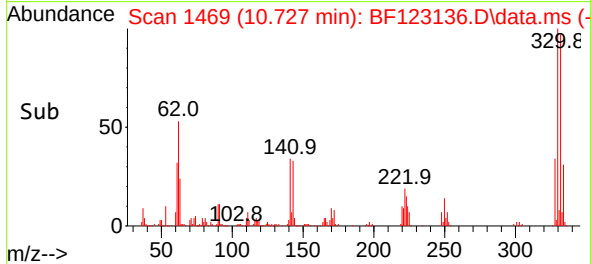




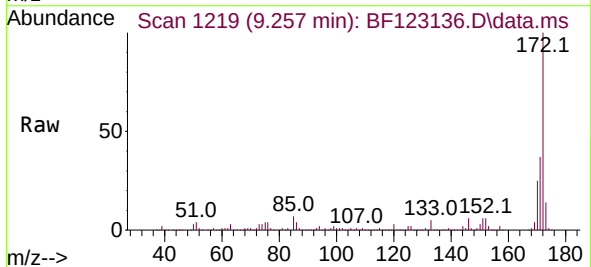
#42
2,4,6-Tribromophenol
Concen: 108.80 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33



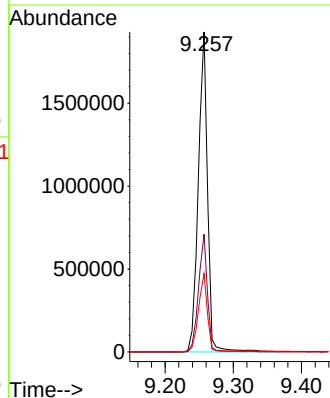
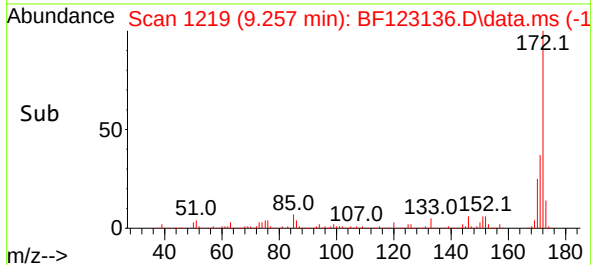
Tgt Ion: 330 Resp: 422847
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 75.49 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33



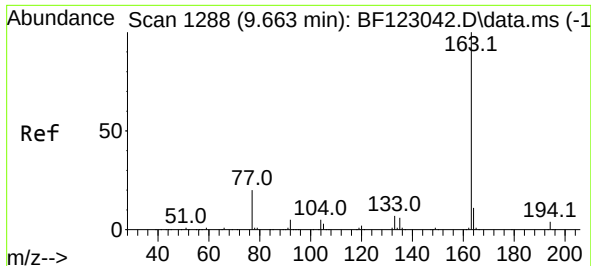
Tgt Ion: 172 Resp: 1818082
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.5 19.5 29.3



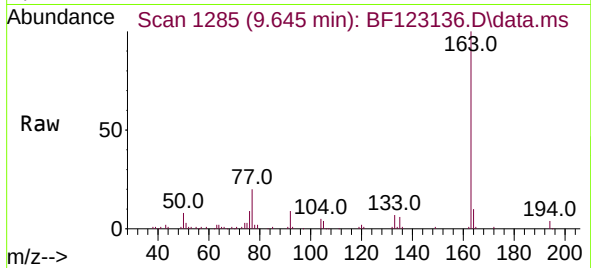
Instrument :
BNA_F
ClientSampled :
LS-CON

Manual Integrations
APPROVED

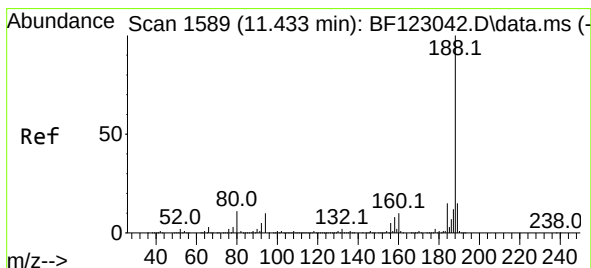
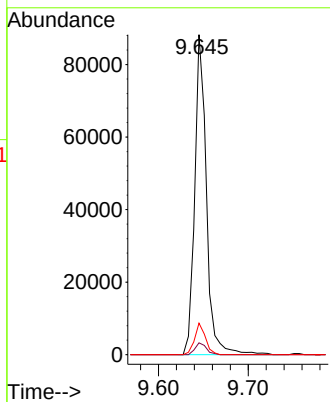
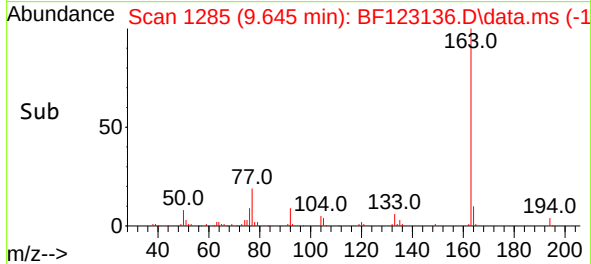
mohammad
2/8/2021 12:18:22 PM



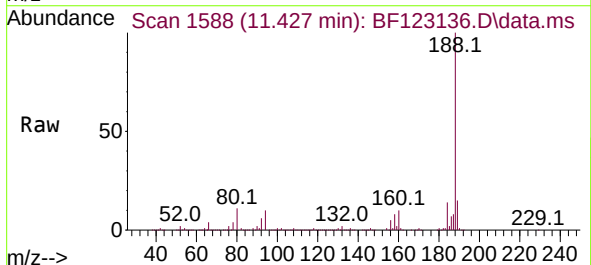
#50
Dimethylphthalate
Concen: 2.84 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33



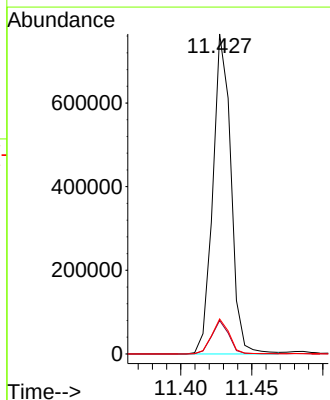
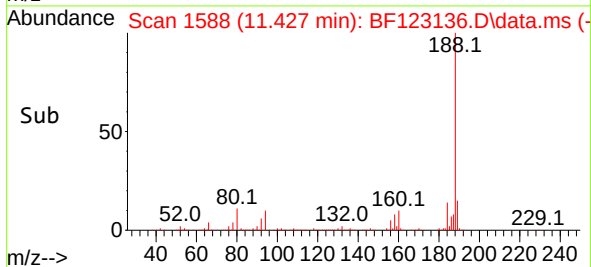
Tgt Ion:163 Resp: 79876
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33



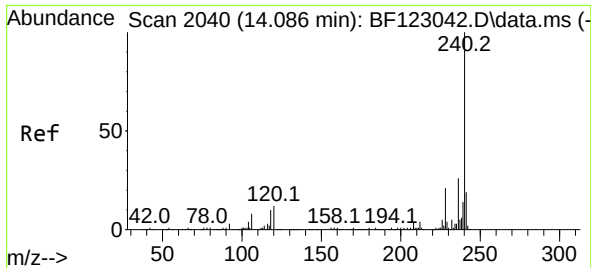
Tgt Ion:188 Resp: 676325
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.0 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
LS-CON

Manual Integrations
APPROVED

mohammad
2/8/2021 12:18:22 PM



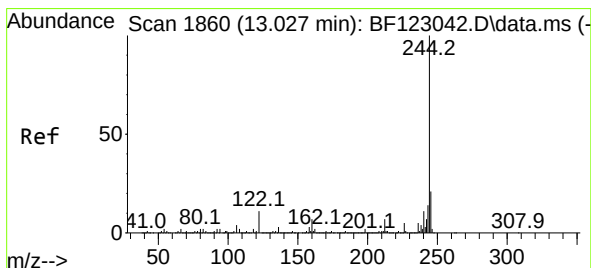
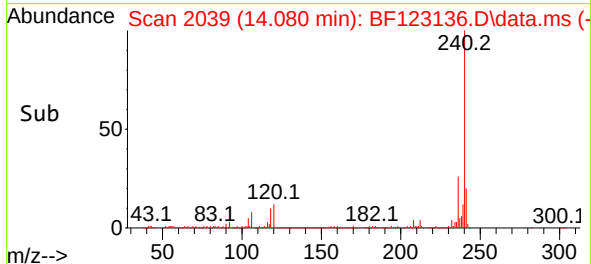
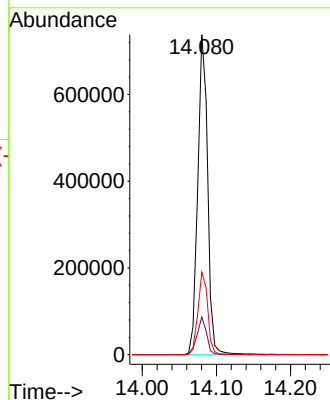
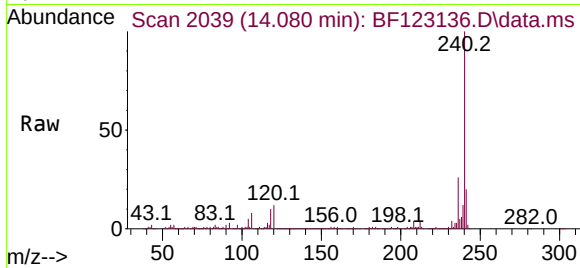
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion:240 Resp: 683198
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.8 20.3 30.5

Instrument :
BNA_F
ClientSampleId :
LS-CON

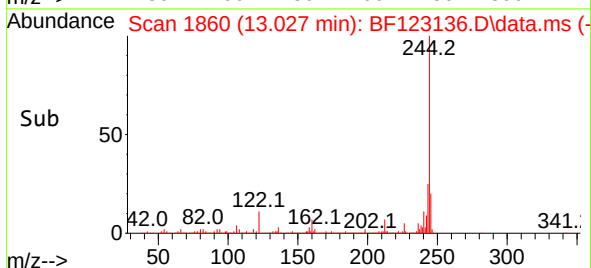
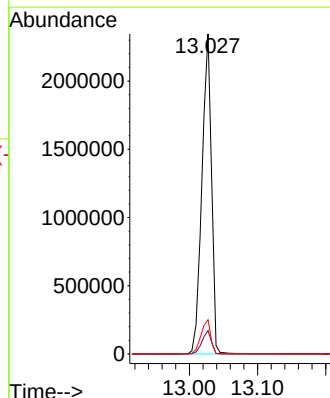
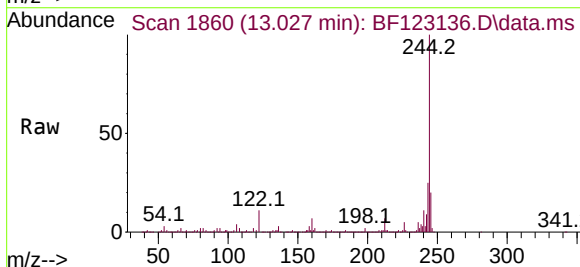
Manual Integrations
APPROVED

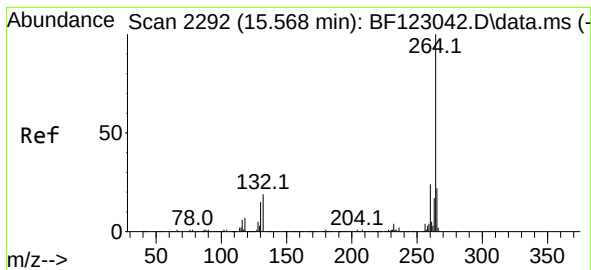
mohammad
2/8/2021 12:18:22 PM



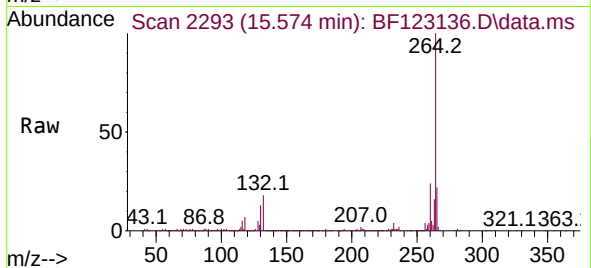
#79
Terphenyl-d14
Concen: 65.93 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion:244 Resp: 2292459
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.7 8.3 12.5

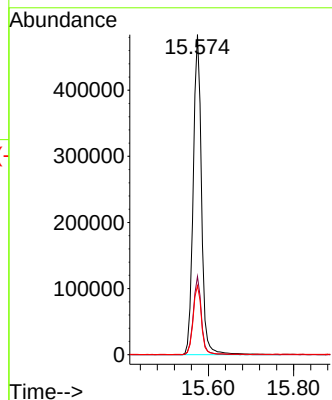
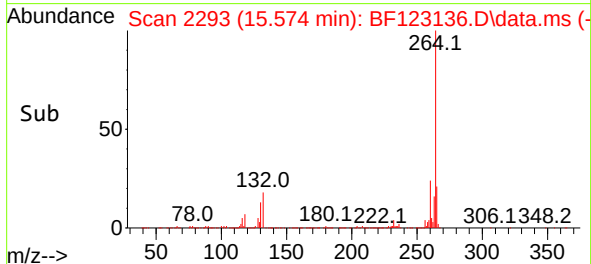




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF123136.D
 Acq: 5 Feb 2021 15:33



Tgt Ion: 264 Resp: 653476
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.6 17.0 25.6



Instrument :
 BNA_F
 ClientSampleId :
 LS-CON

Manual Integrations
 APPROVED

mohammad
 2/8/2021 12:18:22 PM