

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125906.D
 Acq On : 19 Oct 2021 18:27
 Operator : JU/CG
 Sample : M4274-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-BS

Manual Integrations
 APPROVED

mohammad
 10/20/2021 1:54:37 PM

Quant Time: Oct 20 09:28:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156653	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	610383	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	292698	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	470030	20.00	ng	0.00
76) Chrysene-d12	13.974	240	343396	20.00	ng	0.00
86) Perylene-d12	15.427	264	258908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	727842	75.90	ng	0.00
7) Phenol-d6	6.445	99	864322	70.02	ng	-0.01
23) Nitrobenzene-d5	7.380	82	494212	50.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	204943	70.92	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	939412	55.36	ng	0.00
79) Terphenyl-d14	12.921	244	891555	39.55	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	51127	2.25	ng	95
88) Benzo(b)fluoranthene	15.004	252	40821m	2.79	ng	
90) Benzo(a)pyrene	15.362	252	29485	2.28	ng	# 70

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

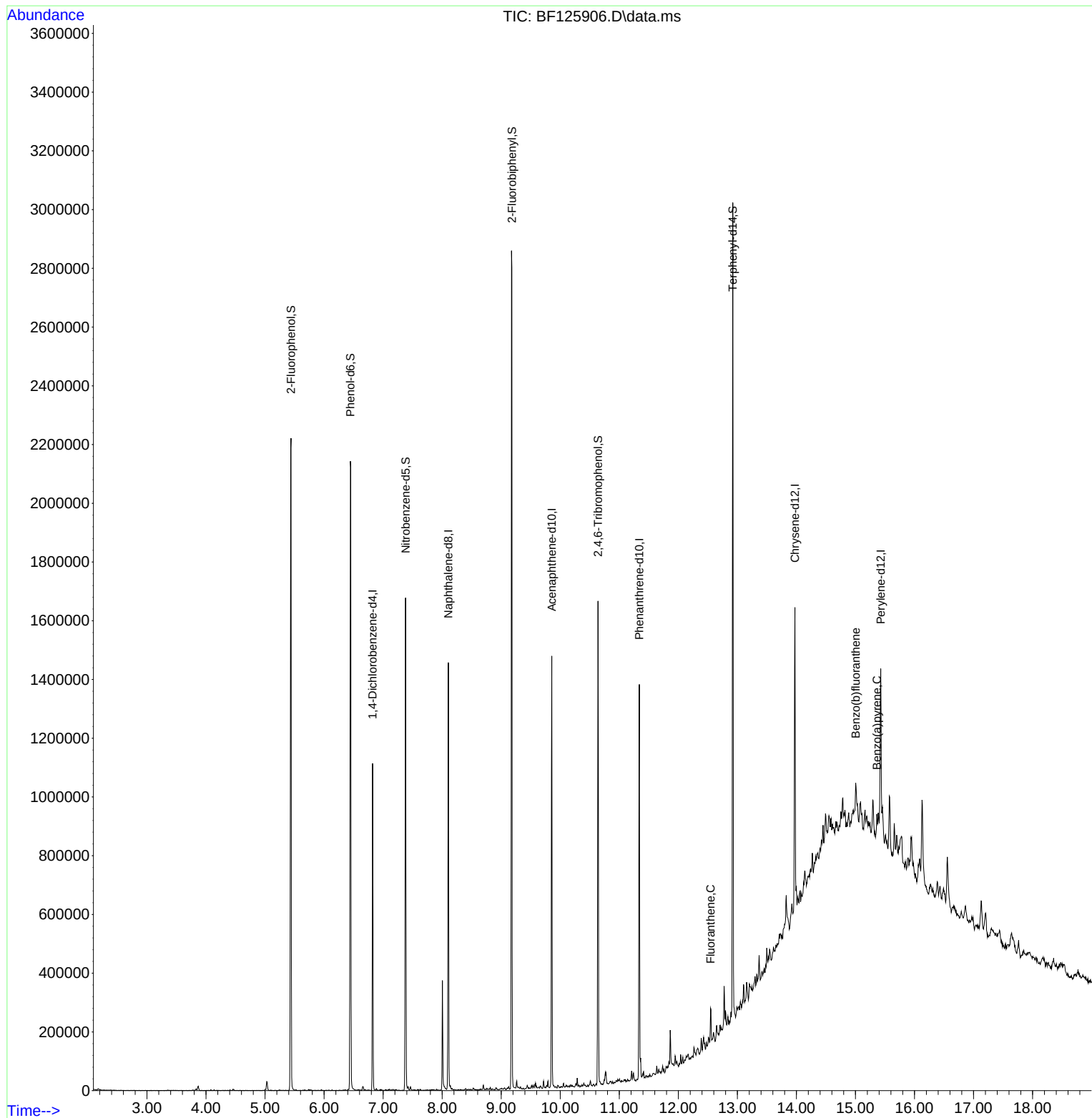
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125906.D
Acq On : 19 Oct 2021 18:27
Operator : JU/CG
Sample : M4274-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

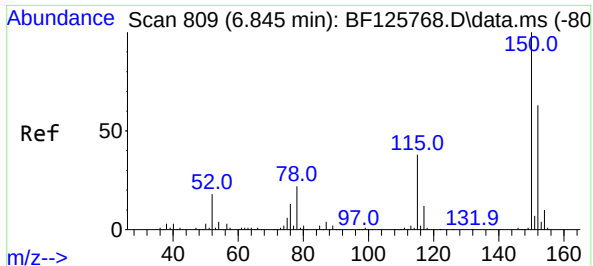
Instrument :
BNA_F
ClientSampleId :
WC-2-BS

Manual Integrations
APPROVED

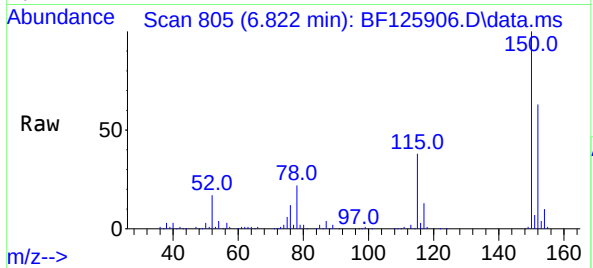
mohammad
10/20/2021 1:54:37 PM

Quant Time: Oct 20 09:28:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

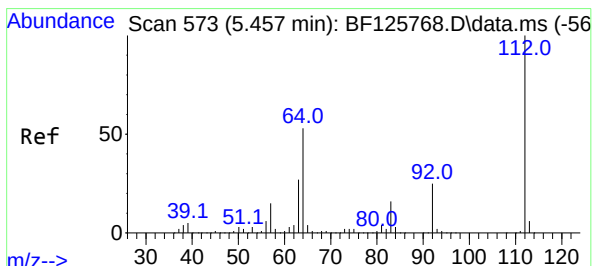
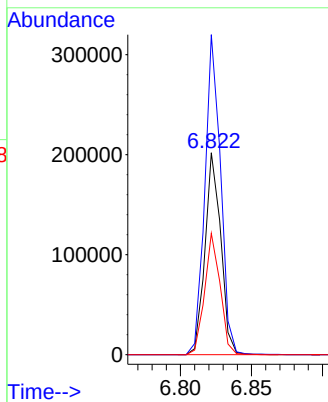
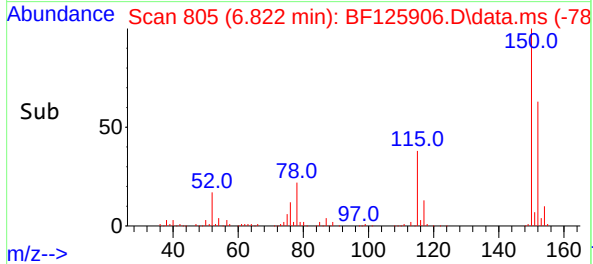




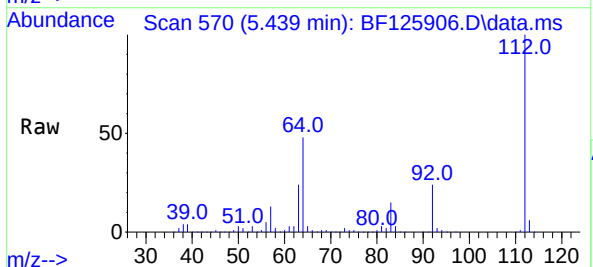
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27



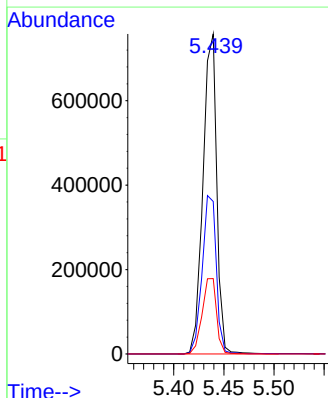
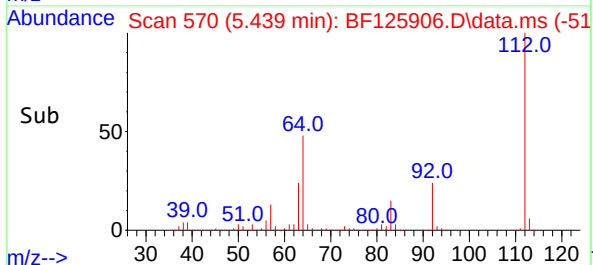
Tgt Ion:152 Resp: 156653
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 75.90 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27



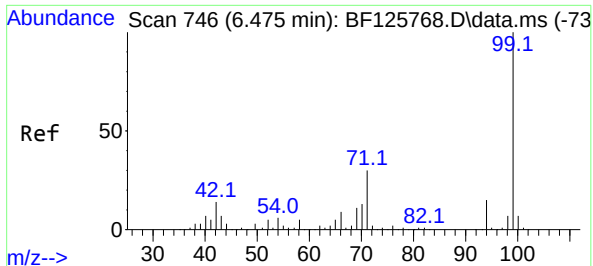
Tgt Ion:112 Resp: 727842
Ion Ratio Lower Upper
112 100
64 47.7 44.2 66.2
63 23.5 26.2 39.2#



Instrument :
BNA_F
ClientSampled :
WC-2-BS

Manual Integrations
APPROVED

mohammad
10/20/2021 1:54:37 PM



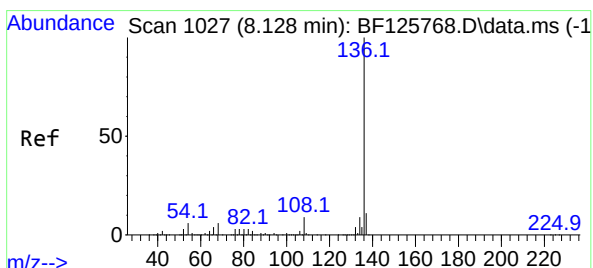
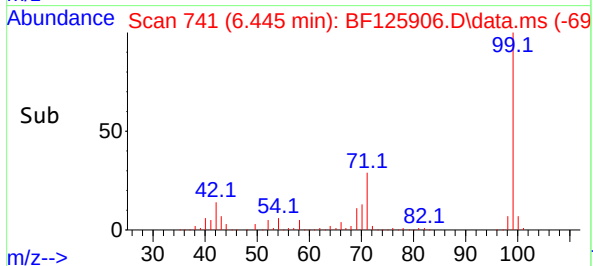
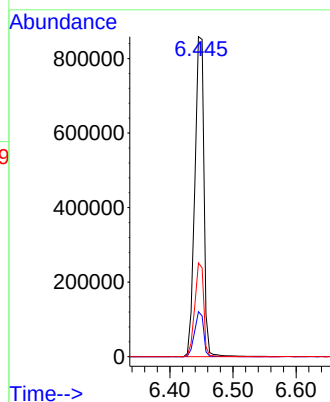
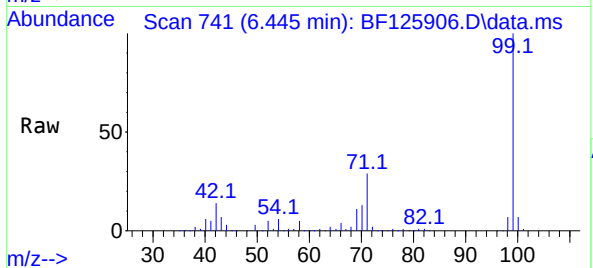
#7
Phenol-d6
Concen: 70.02 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion: 99 Resp: 864322
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.3 25.6 38.4

Instrument :
BNA_F
ClientSampled :
WC-2-BS

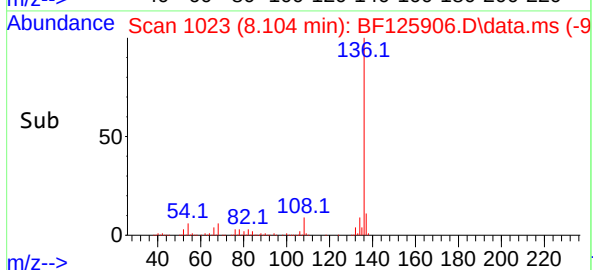
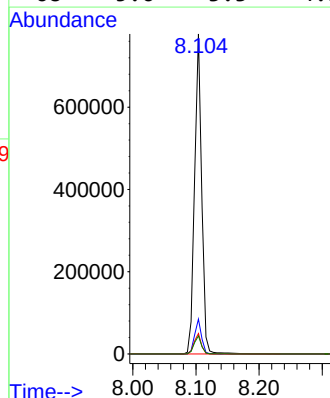
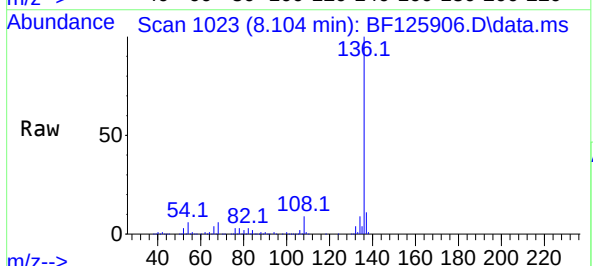
Manual Integrations
APPROVED

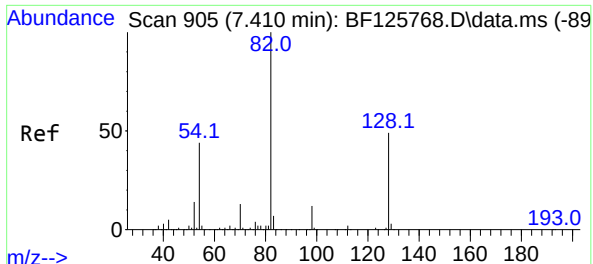
mohammad
10/20/2021 1:54:37 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

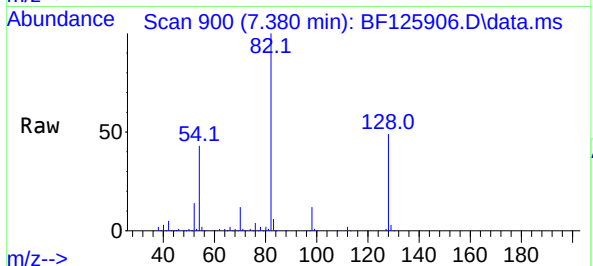
Tgt Ion: 136 Resp: 610383
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.4 6.4 9.6
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 50.33 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

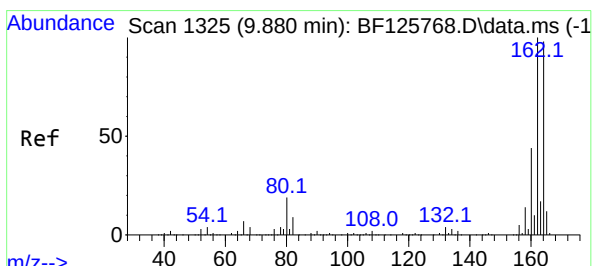
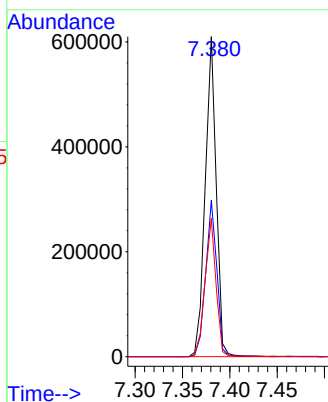
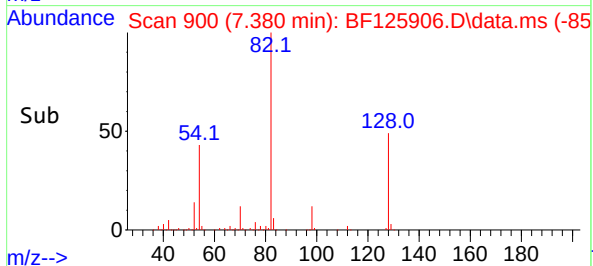
Instrument :
BNA_F
ClientSampled :
WC-2-BS



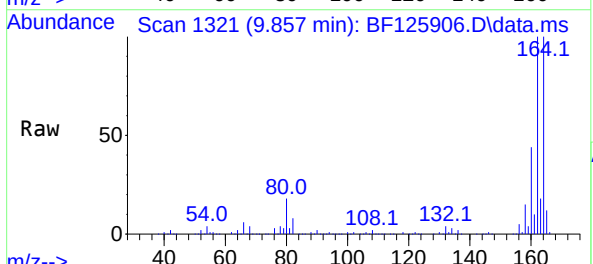
Tgt Ion: 82 Resp: 494212
Ion Ratio Lower Upper
82 100
128 48.9 40.6 60.8
54 43.2 49.6 74.4#

Manual Integrations
APPROVED

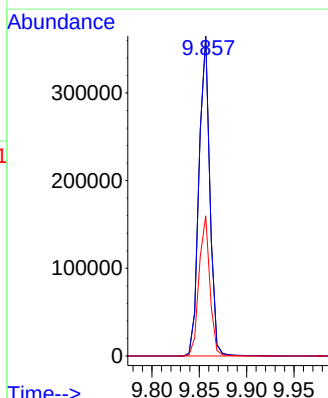
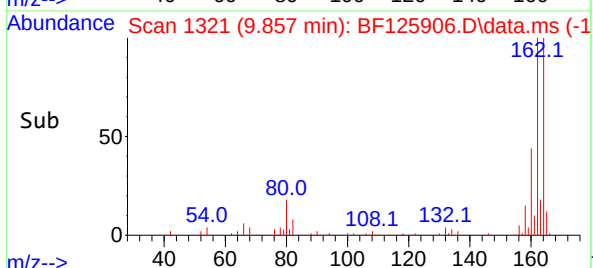
mohammad
10/20/2021 1:54:37 PM

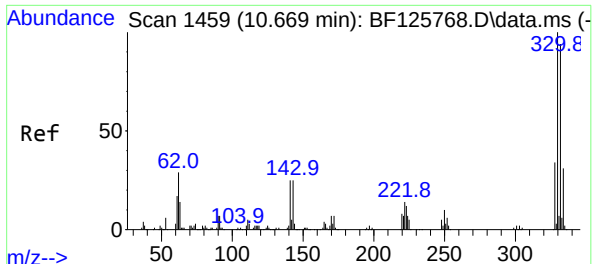


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27



Tgt Ion: 164 Resp: 292698
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 43.8 38.0 57.0





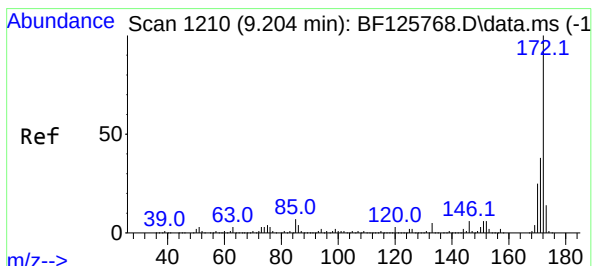
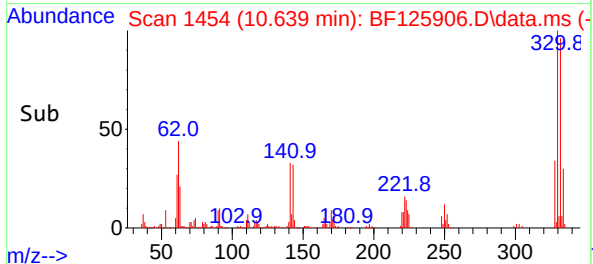
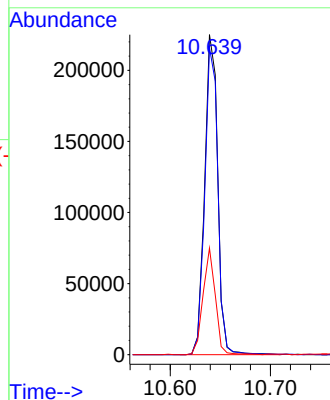
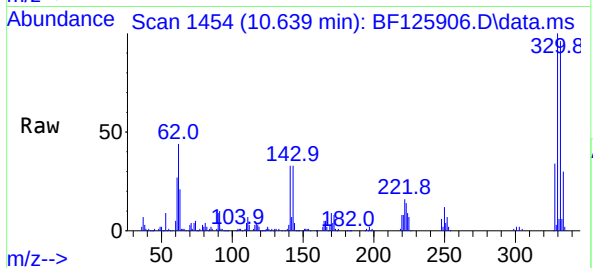
#42
2,4,6-Tribromophenol
Concen: 70.92 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion: 330 Resp: 204943
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 31.5 44.6 66.8#

Instrument :
BNA_F
ClientSampled :
WC-2-BS

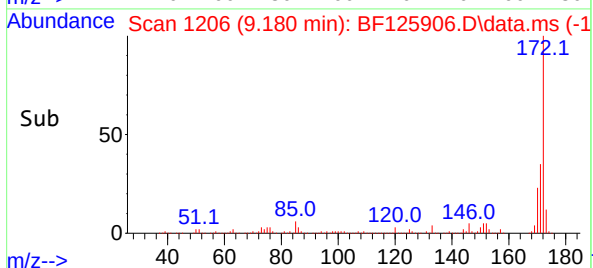
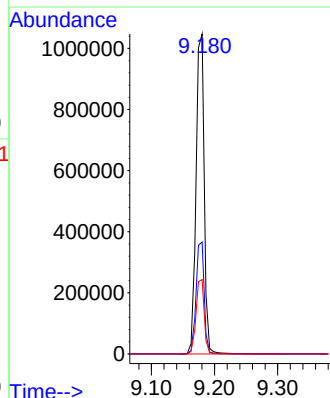
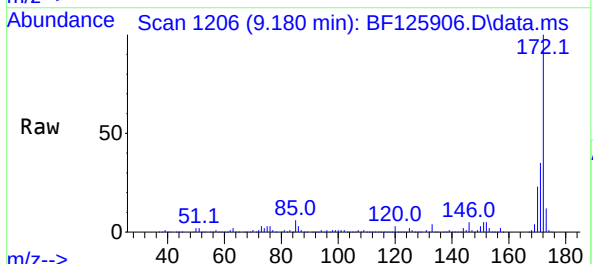
Manual Integrations
APPROVED

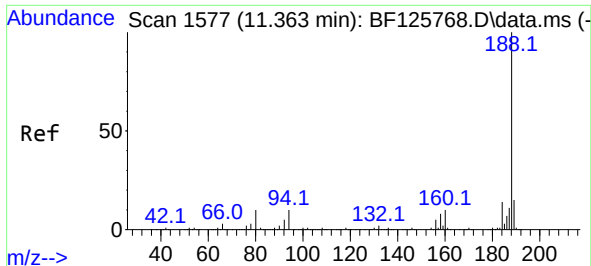
mohammad
10/20/2021 1:54:37 PM



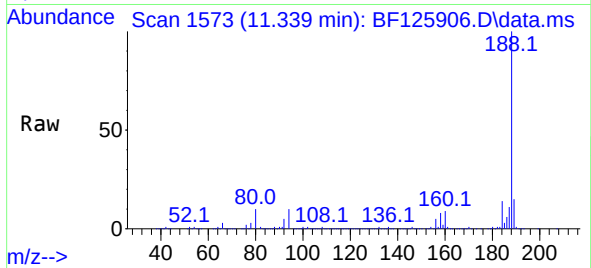
#45
2-Fluorobiphenyl
Concen: 55.36 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion: 172 Resp: 939412
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.2 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

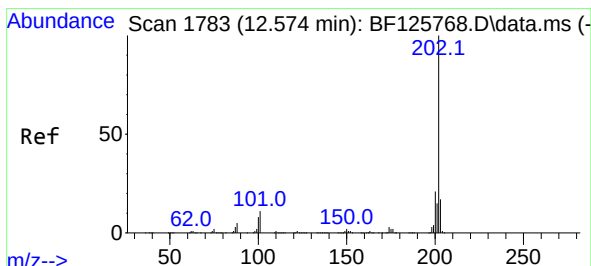
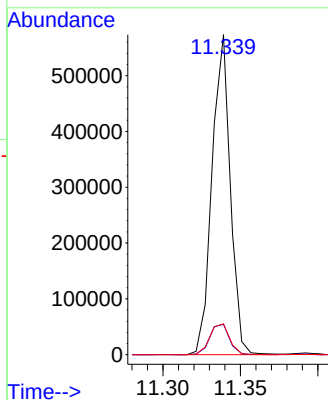
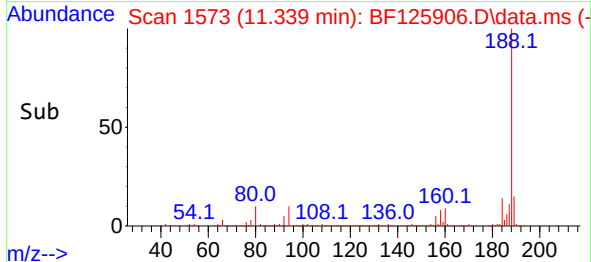


Tgt Ion:188 Resp: 470030
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 9.6 7.5 11.3

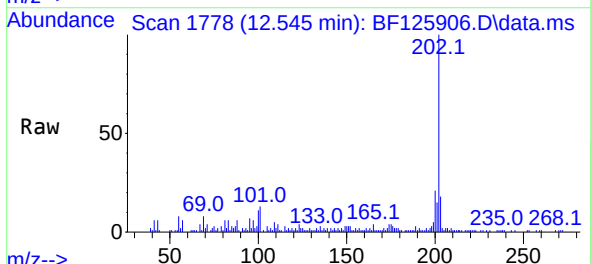
Instrument :
BNA_F
ClientSampled :
WC-2-BS

Manual Integrations
APPROVED

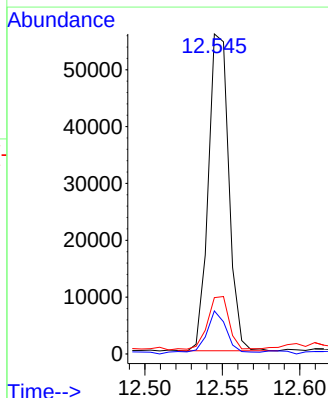
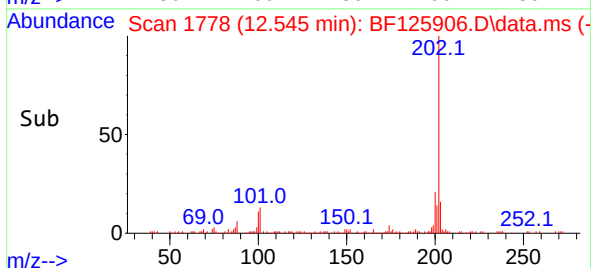
mohammad
10/20/2021 1:54:37 PM

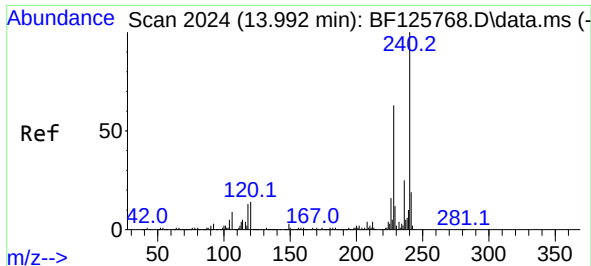


#75
Fluoranthene
Concen: 2.25 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27



Tgt Ion:202 Resp: 51127
Ion Ratio Lower Upper
202 100
101 13.4 0.0 30.7
203 17.6 0.0 36.3





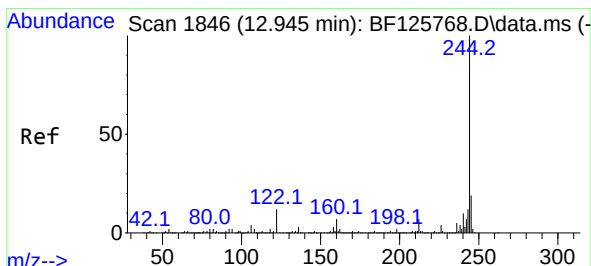
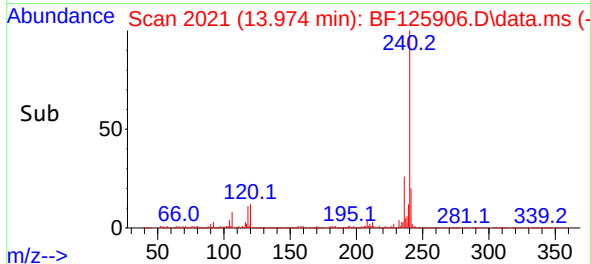
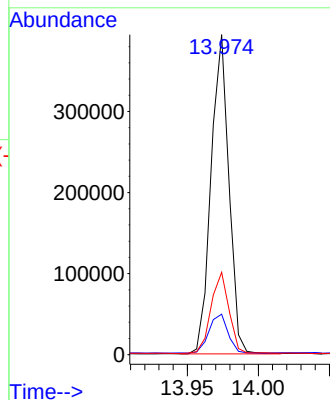
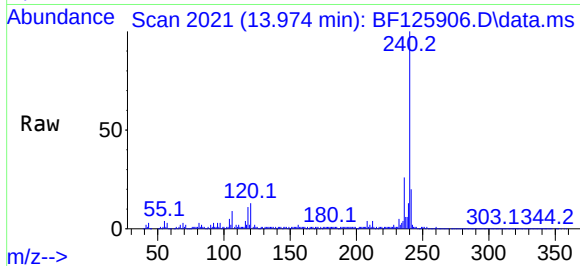
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:240 Resp: 343396
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.8 21.6 32.4

Instrument :
BNA_F
ClientSampled :
WC-2-BS

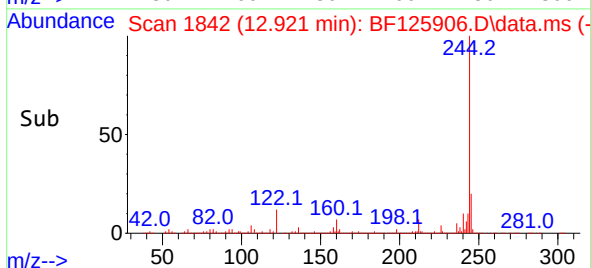
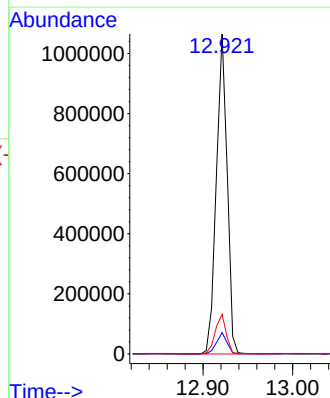
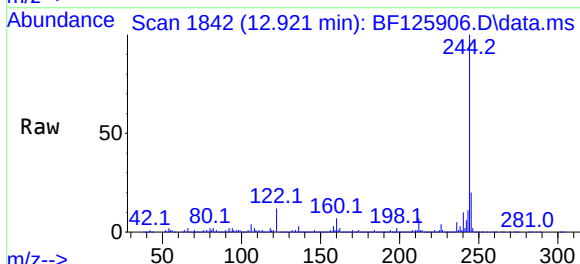
Manual Integrations
APPROVED

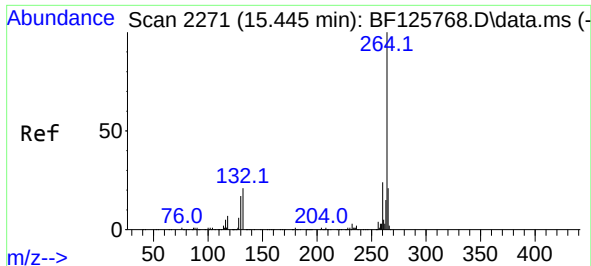
mohammad
10/20/2021 1:54:37 PM



#79
Terphenyl-d14
Concen: 39.55 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

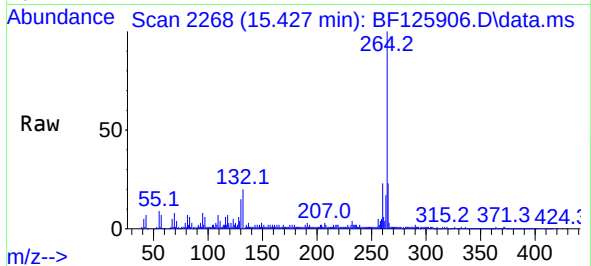
Tgt Ion:244 Resp: 891555
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 12.4 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

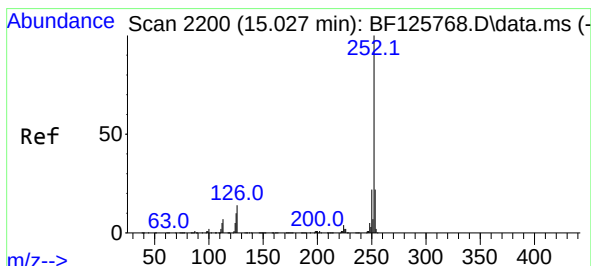
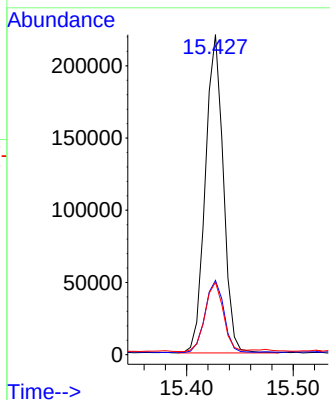
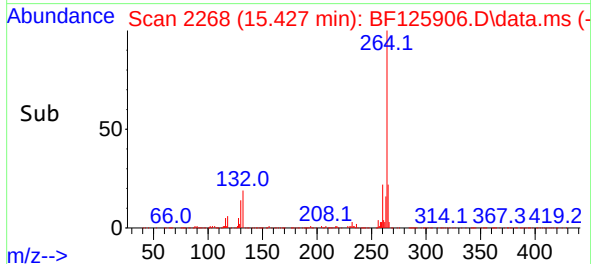
Instrument :
BNA_F
ClientSampled :
WC-2-BS



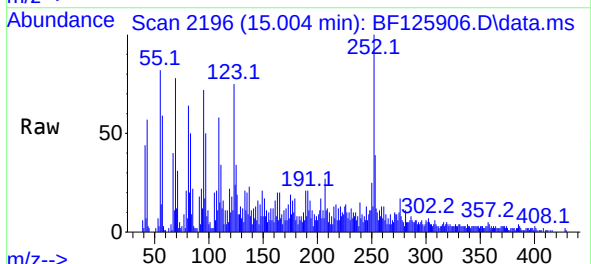
Tgt Ion:264 Resp: 258908
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 22.6 17.2 25.8

Manual Integrations
APPROVED

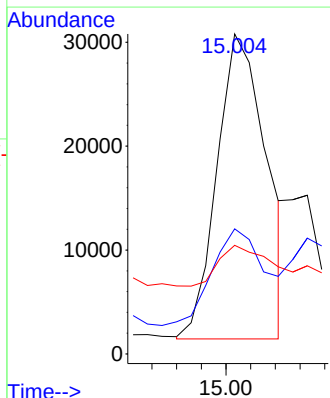
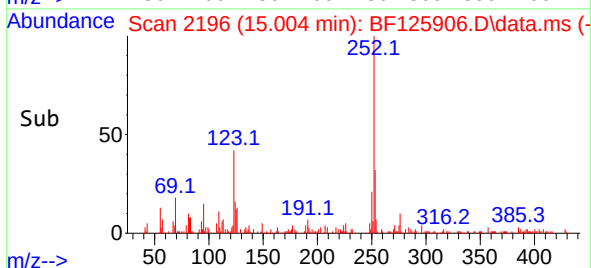
mohammad
10/20/2021 1:54:37 PM

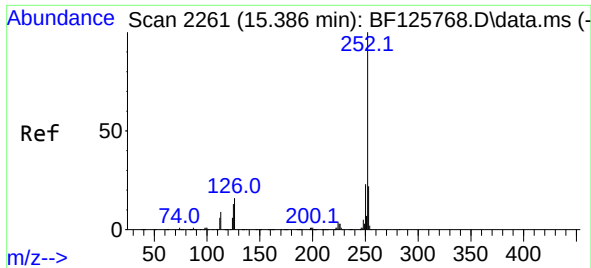


#88
Benzo(b)fluoranthene
Concen: 2.79 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27



Tgt Ion:252 Resp: 40821
Ion Ratio Lower Upper
252 100
253 39.1 16.8 25.2#
125 34.0 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 2.28 ng
RT: 15.362 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF125906.D
Acq: 19 Oct 2021 18:27

Tgt Ion:252 Resp: 29485
Ion Ratio Lower Upper
252 100
253 30.7 18.4 27.6#
125 34.9 9.9 14.9#

Instrument :
BNA_F
ClientSampleId :
WC-2-BS

Manual Integrations
APPROVED

mohammad
10/20/2021 1:54:37 PM

