

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124877.D
 Acq On : 30 Jul 2021 15:39
 Operator : JU/CG
 Sample : M3210-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(1.0-5.0)

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:44:42 PM

Quant Time: Jul 30 16:11:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6414	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26347	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16307	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	29568	20.000	ng	0.00
76) Chrysene-d12	14.039	240	15295	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	13672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	17013	44.911	ng	0.00
7) Phenol-d6	6.498	99	48649	102.439	ng	0.00
23) Nitrobenzene-d5	7.434	82	39063	88.243	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.233	172	83632	75.326	ng	0.00
79) Terphenyl-d14	12.986	244	86858	97.344	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	2352	5.172	ng	90
71) Phenanthrene	11.422	178	7212	4.535	ng	# 97
75) Fluoranthene	12.610	202	7570	4.665	ng	97
78) Pyrene	12.839	202	6185	5.108	ng	98
81) Benzo(a)anthracene	14.027	228	2541	2.542	ng	93
83) Chrysene	14.063	228	2148m	2.230	ng	
88) Benzo(b)fluoranthene	15.080	252	2764m	2.871	ng	
90) Benzo(a)pyrene	15.451	252	1730	2.151	ng	# 58

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

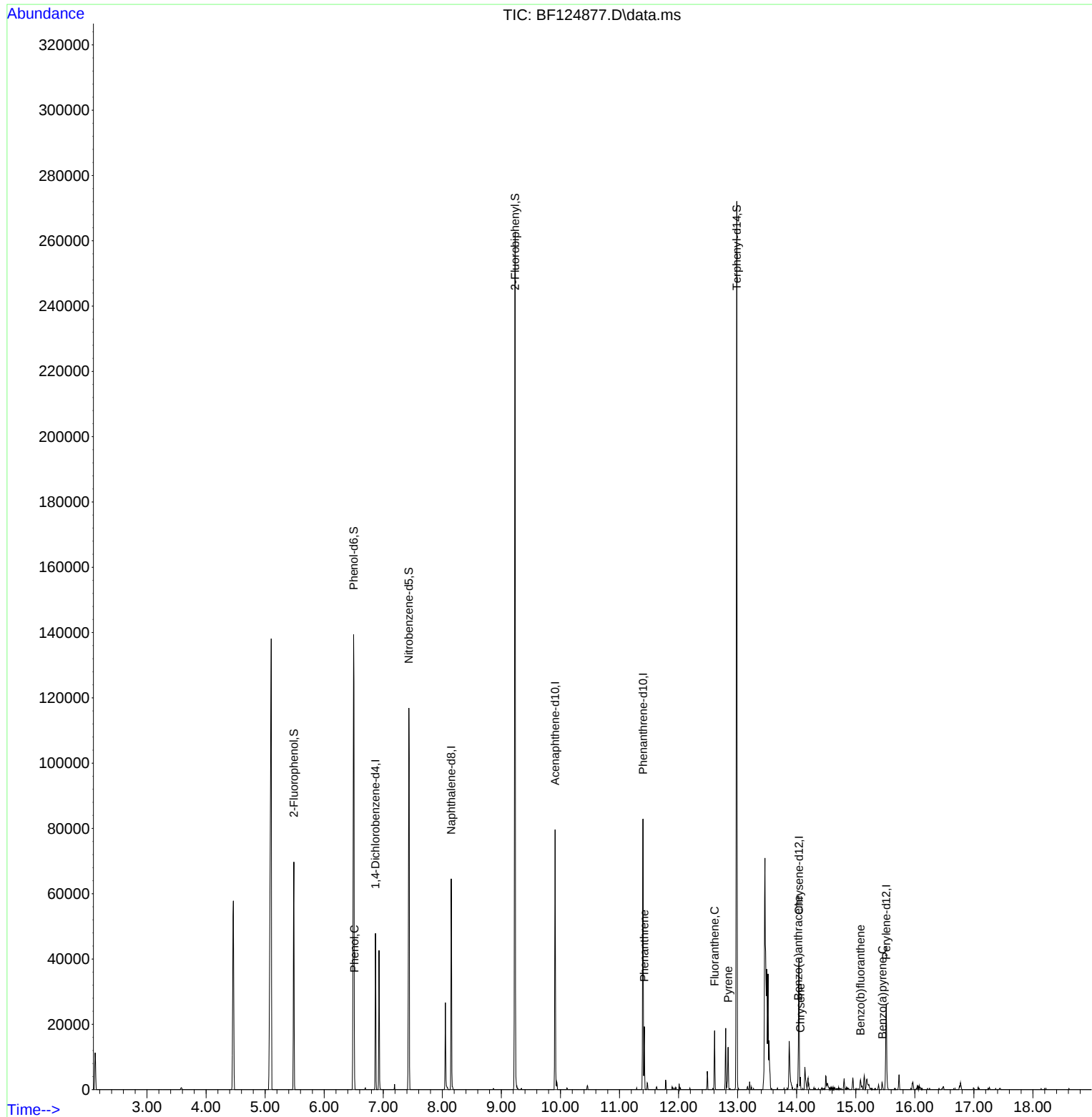
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124877.D
Acq On : 30 Jul 2021 15:39
Operator : JU/CG
Sample : M3210-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:42 PM

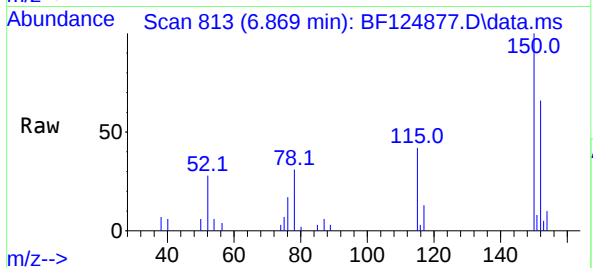
Quant Time: Jul 30 16:11:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

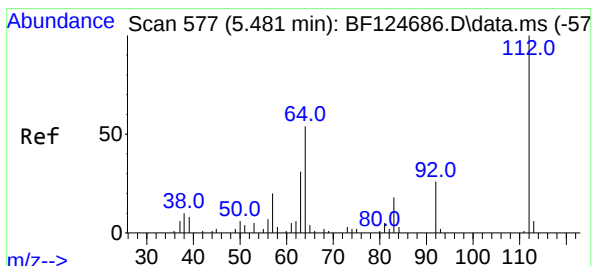
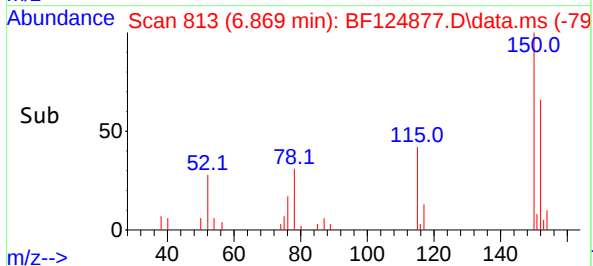
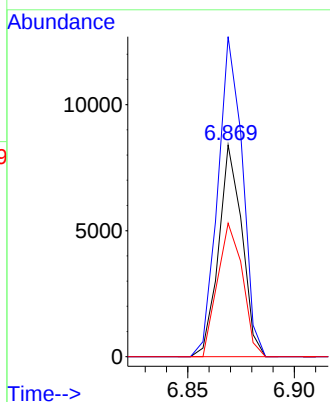
Instrument :
BNA_F
ClientSampled :
SB-5(1.0-5.0)



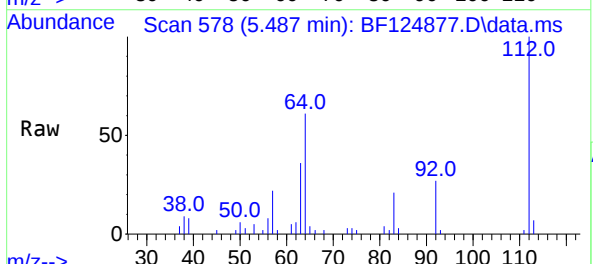
Tgt Ion:152 Resp: 6414
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 63.1 47.1 70.7

Manual Integrations
APPROVED

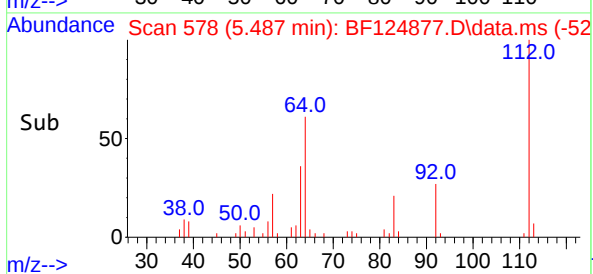
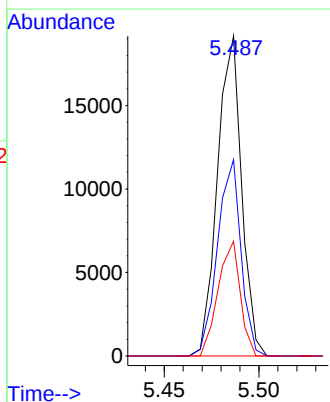
mohammad
8/2/2021 3:44:42 PM

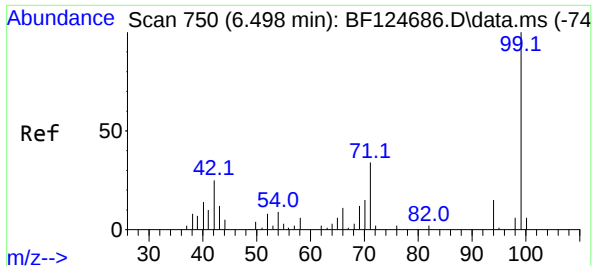


#5
2-Fluorophenol
Concen: 44.911 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39



Tgt Ion:112 Resp: 17013
Ion Ratio Lower Upper
112 100
64 61.4 44.2 66.2
63 35.8 26.2 39.2





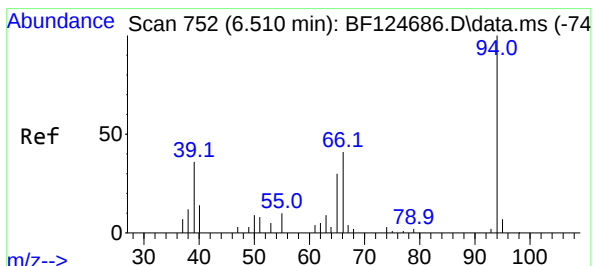
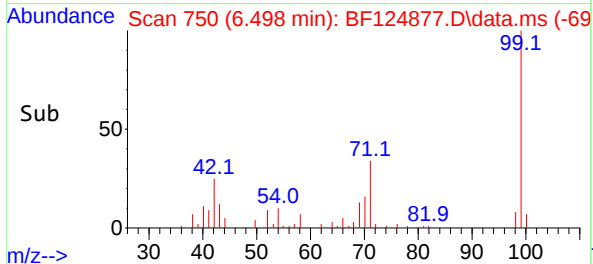
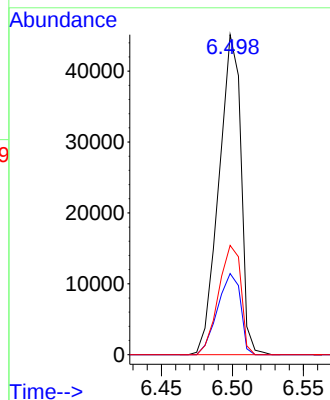
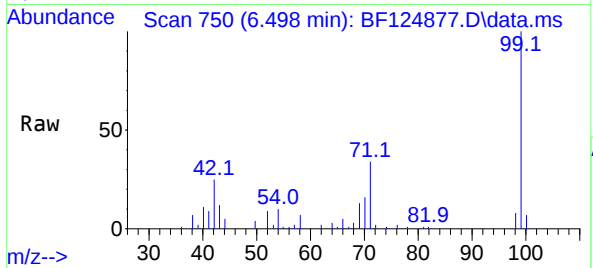
#7
Phenol-d6
Concen: 102.439 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:	99	Resp:	48649
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	34.2	25.6	38.4

Instrument :
BNA_F
ClientSampled :
SB-5(1.0-5.0)

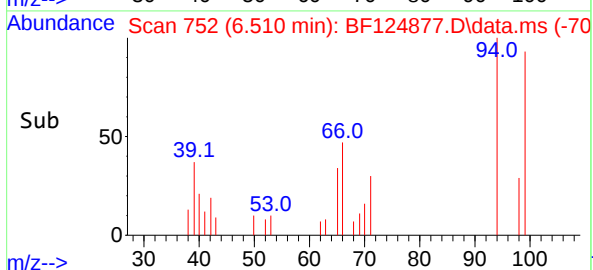
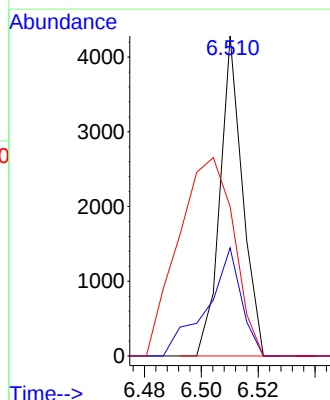
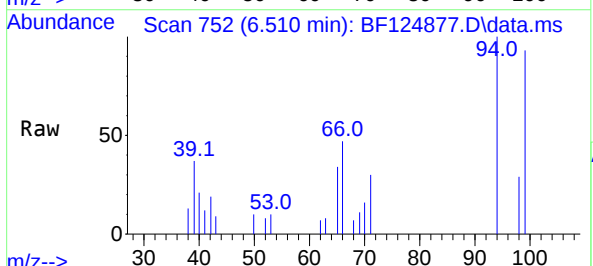
Manual Integrations
APPROVED

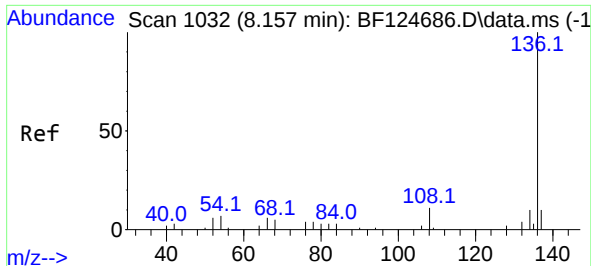
mohammad
8/2/2021 3:44:42 PM



#10
Phenol
Concen: 5.172 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:	94	Resp:	2352
Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.3	49.3
66	46.7	20.3	60.3





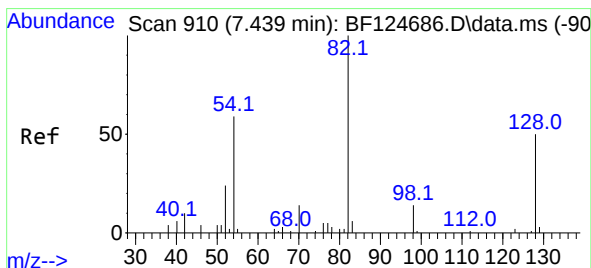
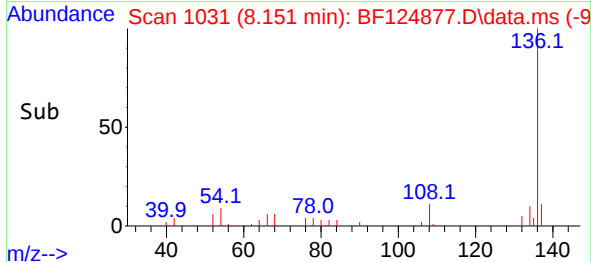
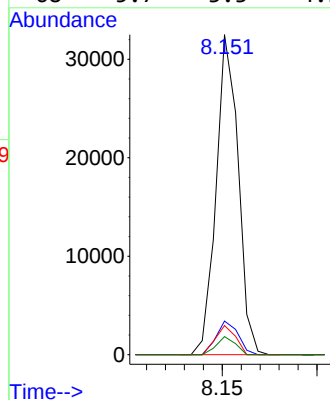
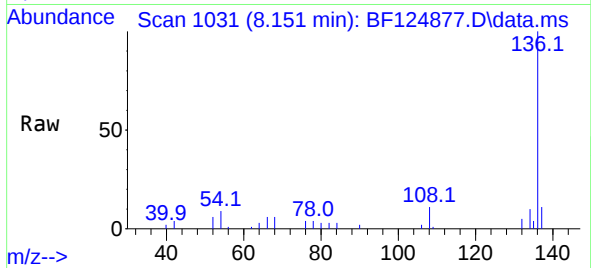
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:	136	Resp:	26347
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	9.1	6.4	9.6
68	5.7	3.3	4.9#

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

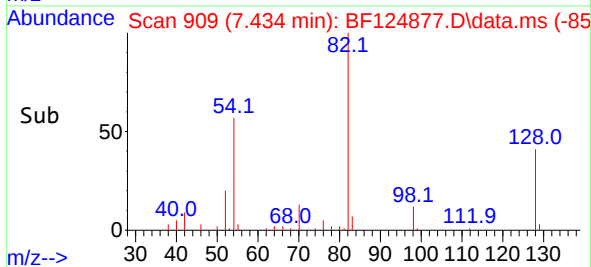
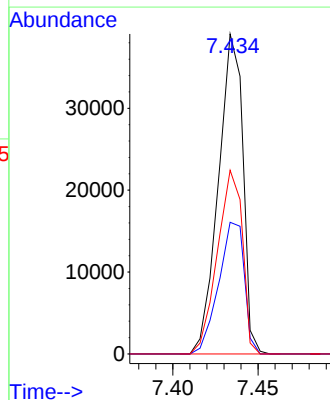
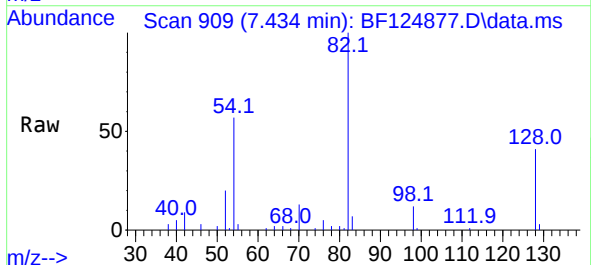
Manual Integrations
APPROVED

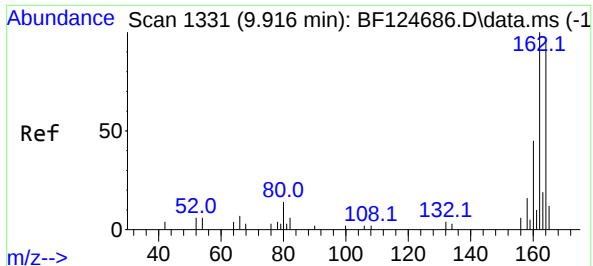
mohammad
8/2/2021 3:44:42 PM



#23
Nitrobenzene-d5
Concen: 88.243 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

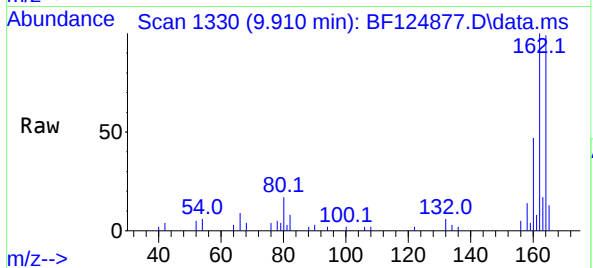
Tgt Ion:	82	Resp:	39063
Ion Ratio	Lower	Upper	
82	100		
128	41.2	40.6	60.8
54	57.4	49.6	74.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

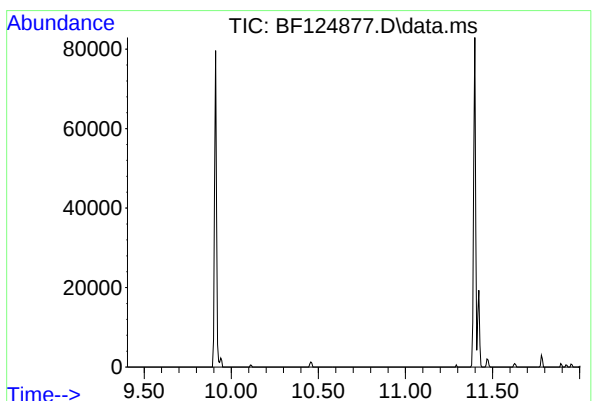
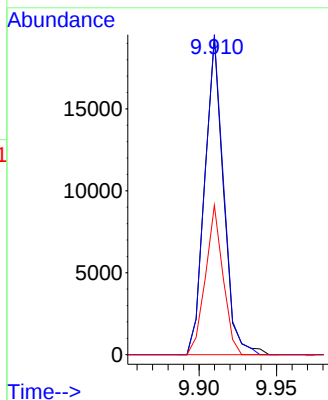
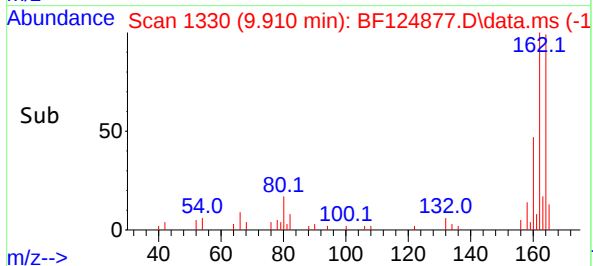
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)



Tgt Ion:164 Resp: 16307
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 47.2 38.0 57.0

Manual Integrations
APPROVED

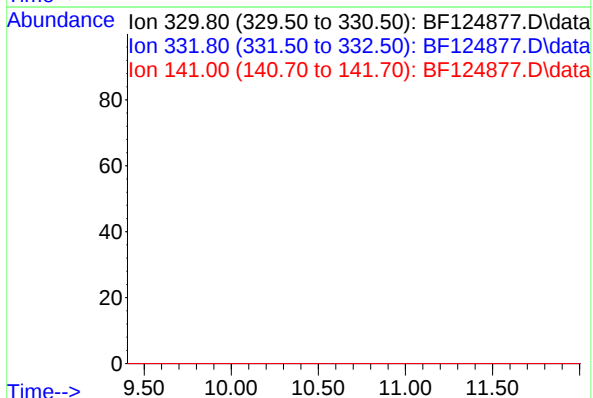
mohammad
8/2/2021 3:44:42 PM

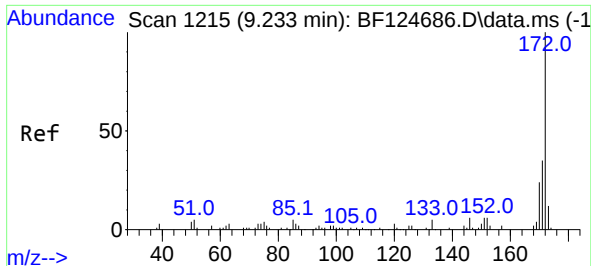


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7





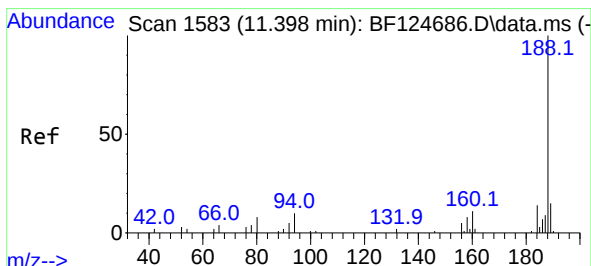
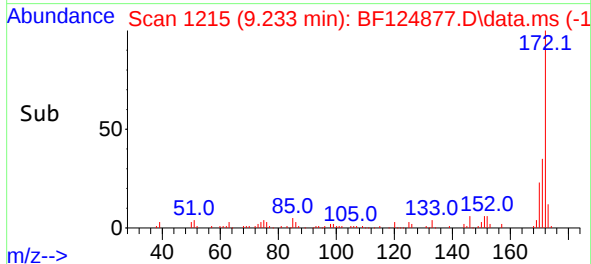
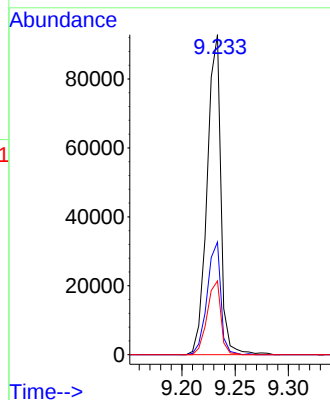
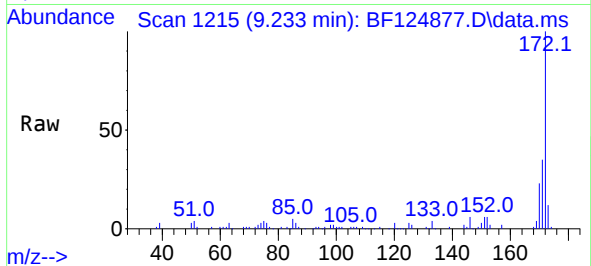
#45
2-Fluorobiphenyl
Concen: 75.326 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:172 Resp: 83632
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.1 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

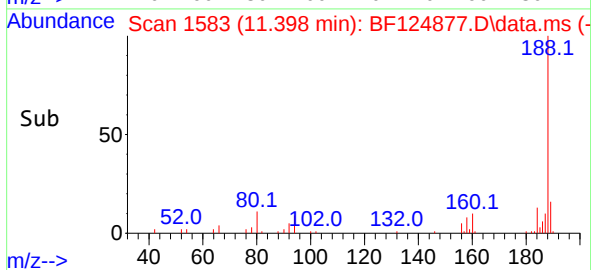
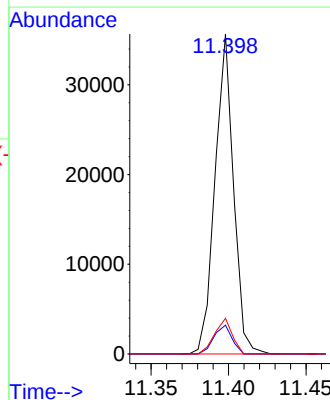
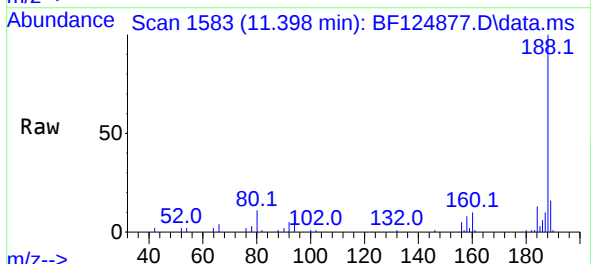
Manual Integrations
APPROVED

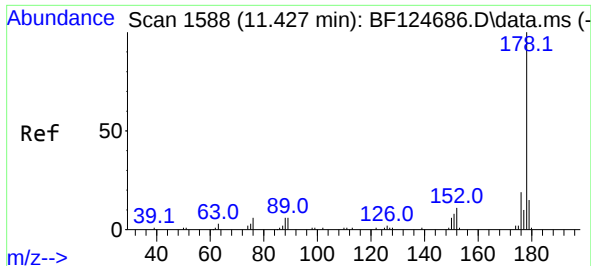
mohammad
8/2/2021 3:44:42 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

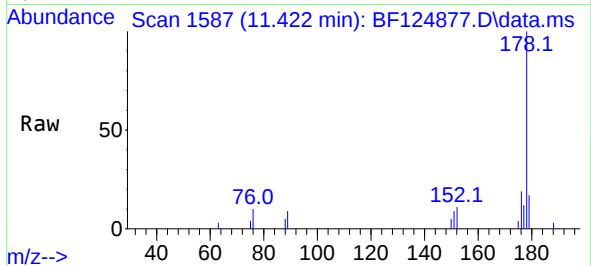
Tgt Ion:188 Resp: 29568
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 11.1 7.5 11.3





#71
Phenanthrene
Concen: 4.535 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

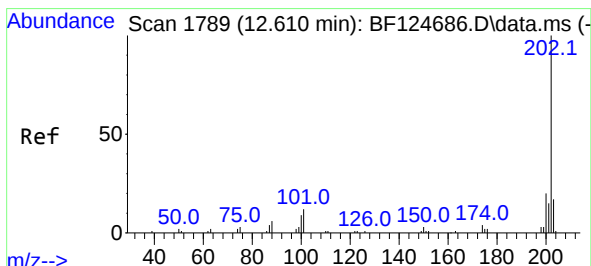
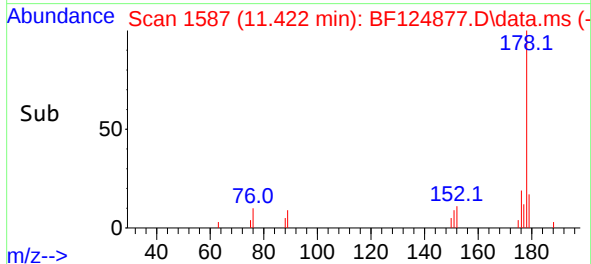
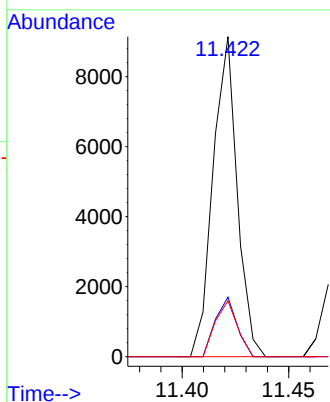
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)



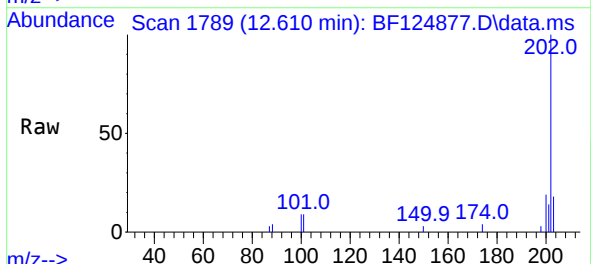
Tgt Ion:178 Resp: 7212
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 17.4 11.5 17.3#

Manual Integrations
APPROVED

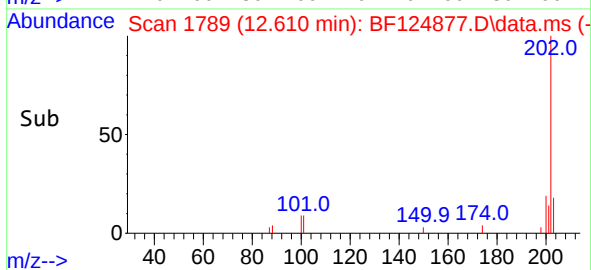
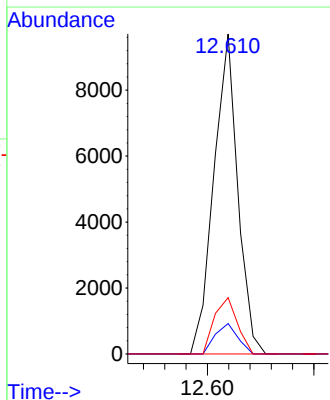
mohammad
8/2/2021 3:44:42 PM

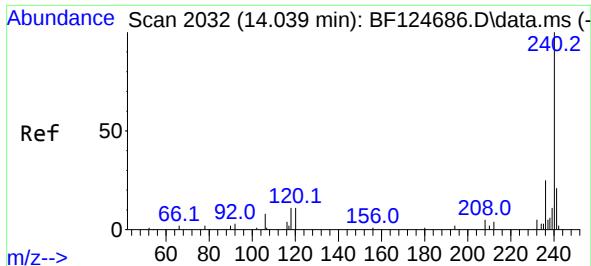


#75
Fluoranthene
Concen: 4.665 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39



Tgt Ion:202 Resp: 7570
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.6 0.0 36.3





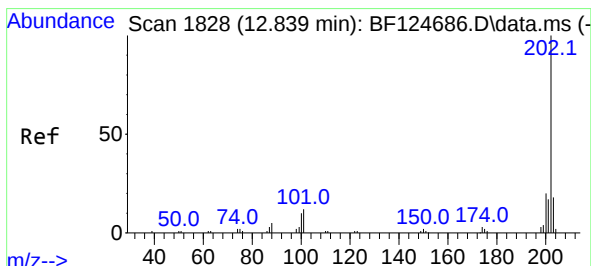
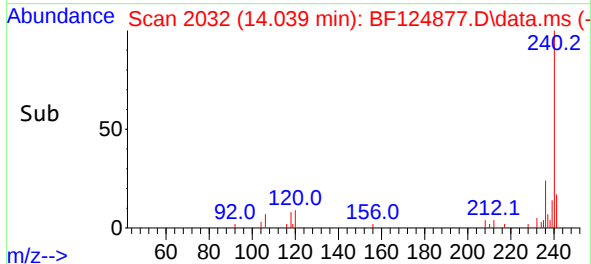
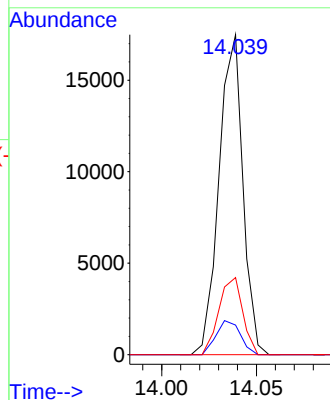
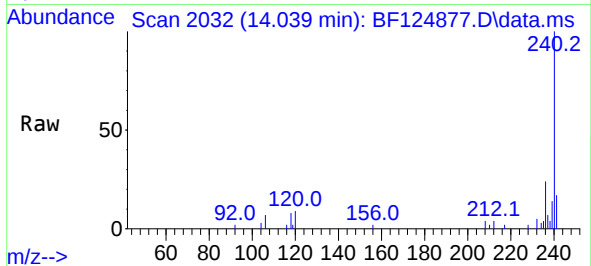
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:240 Resp: 15295
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 24.1 21.6 32.4

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

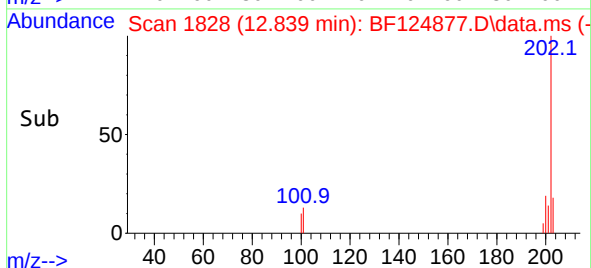
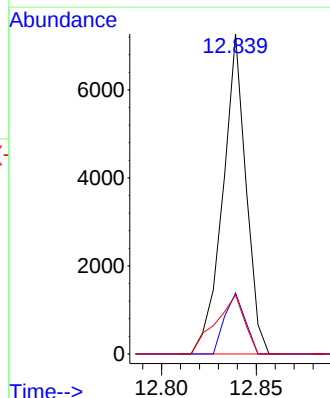
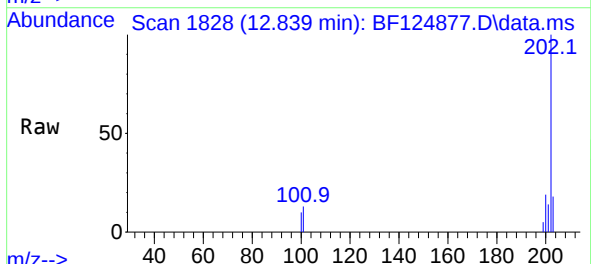
Manual Integrations
APPROVED

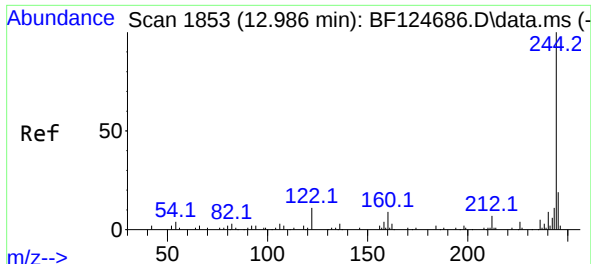
mohammad
8/2/2021 3:44:42 PM



#78
Pyrene
Concen: 5.108 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

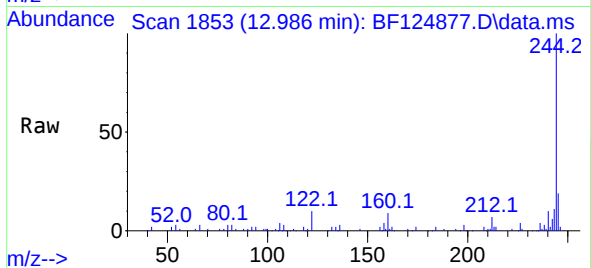
Tgt Ion:202 Resp: 6185
Ion Ratio Lower Upper
202 100
200 19.0 15.3 22.9
203 18.4 13.4 20.0





#79
 Terphenyl-d14
 Concen: 97.344 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124877.D
 Acq: 30 Jul 2021 15:39

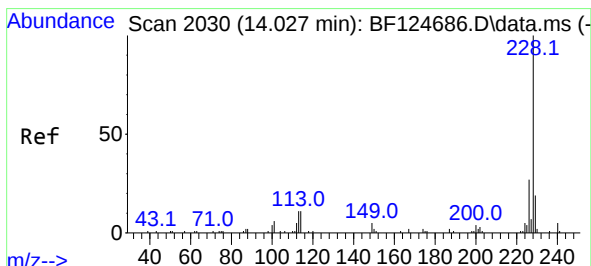
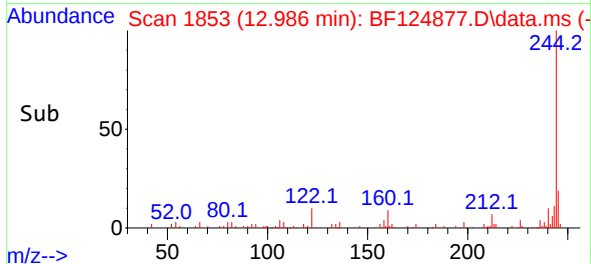
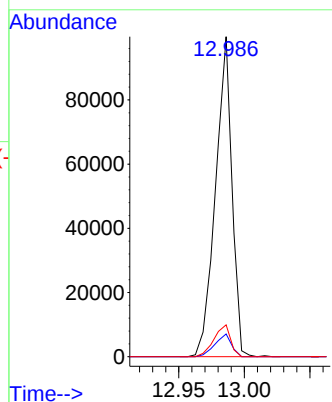
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(1.0-5.0)



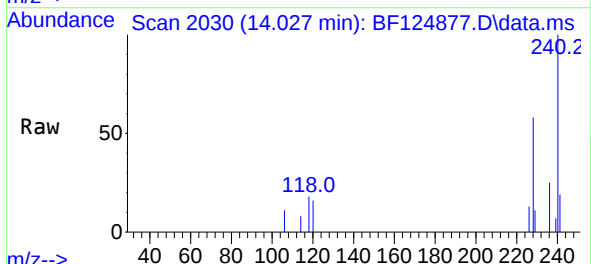
Tgt Ion:244 Resp: 86858
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 9.0 13.4

Manual Integrations
 APPROVED

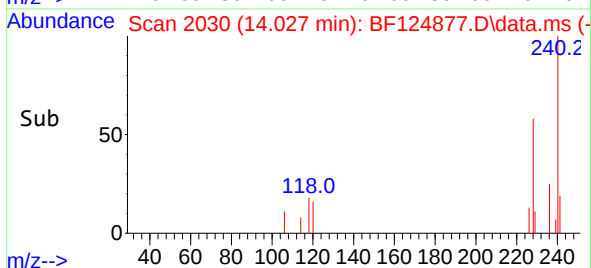
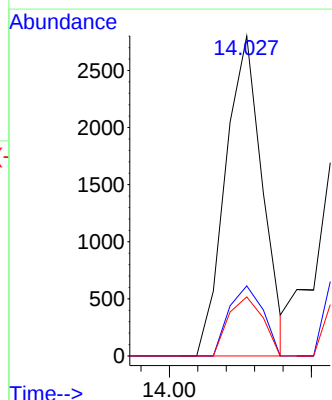
mohammad
 8/2/2021 3:44:42 PM

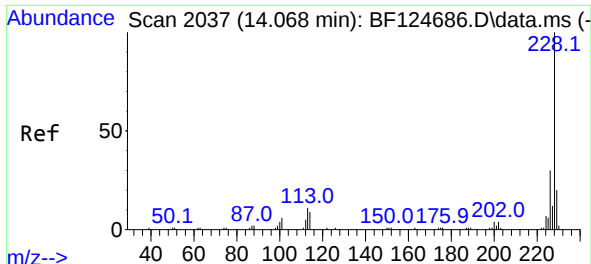


#81
 Benzo(a)anthracene
 Concen: 2.542 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF124877.D
 Acq: 30 Jul 2021 15:39



Tgt Ion:228 Resp: 2541
 Ion Ratio Lower Upper
 228 100
 226 21.9 21.6 32.4
 229 18.5 15.6 23.4





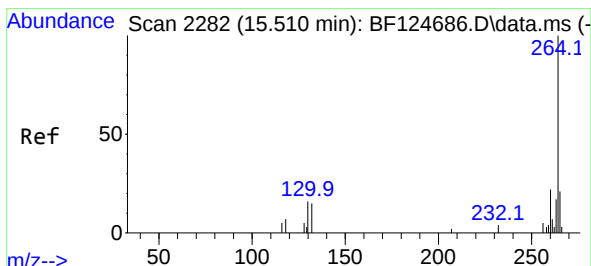
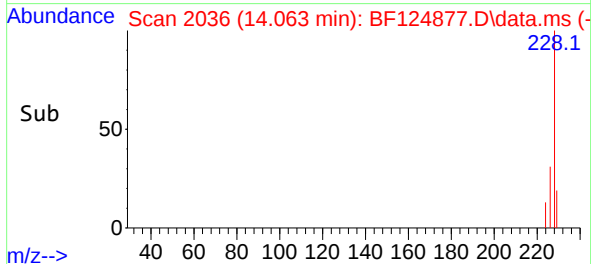
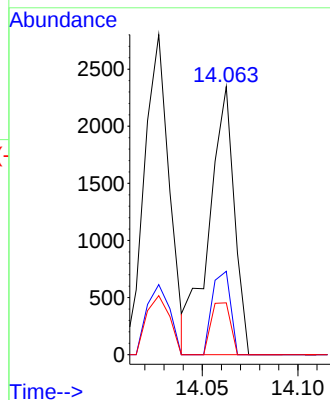
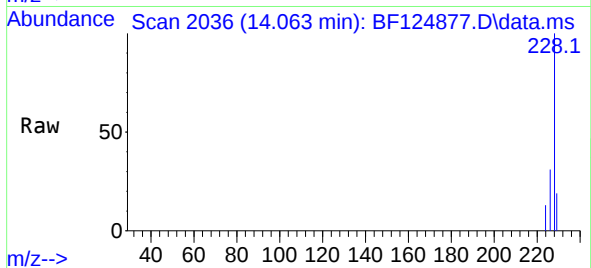
#83
Chrysene
Concen: 2.230 ng m
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion: 228	Resp: 2148
Ion Ratio	Lower Upper
228 100	
226 31.1	22.6 34.0
229 19.3	15.9 23.9

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

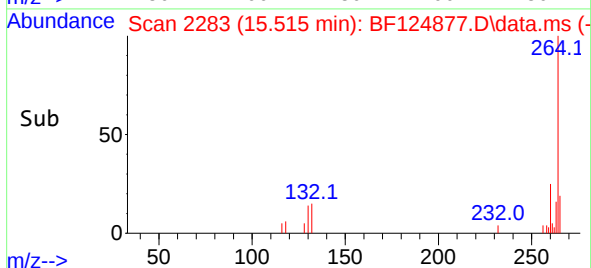
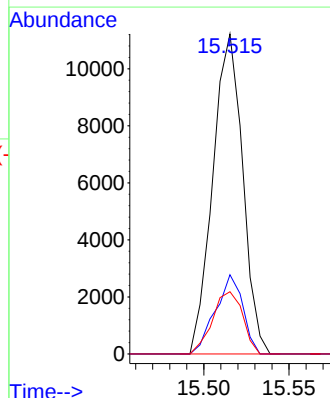
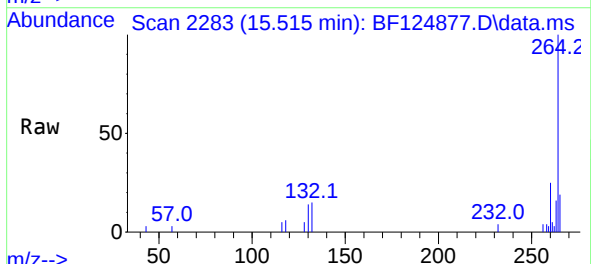
Manual Integrations
APPROVED

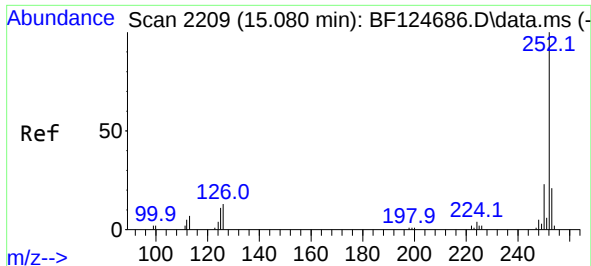
mohammad
8/2/2021 3:44:42 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt	Ion:264	Resp:	13672
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	19.4	17.2	25.8





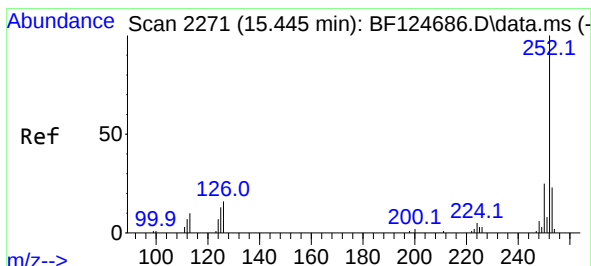
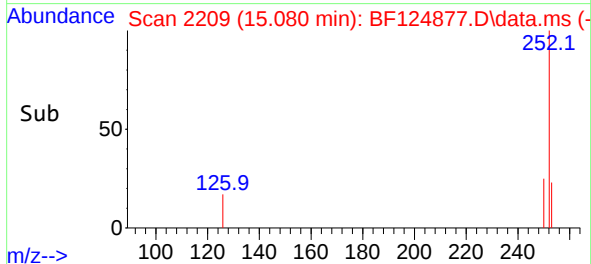
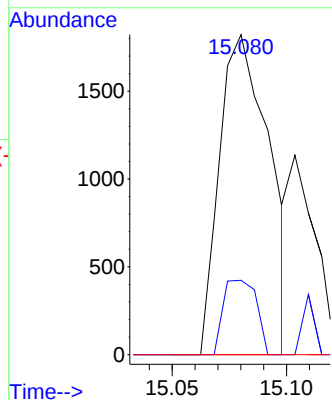
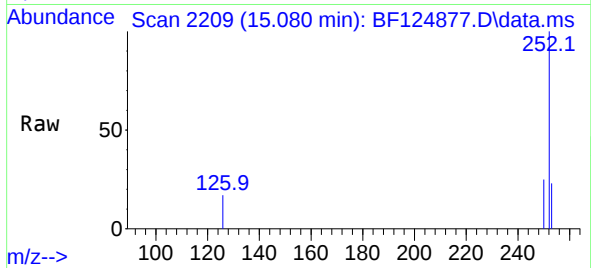
#88
Benzo(b)fluoranthene
Concen: 2.871 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:252 Resp: 2764
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 0.0 9.8 14.8#

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:42 PM



#90
Benzo(a)pyrene
Concen: 2.151 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:252 Resp: 1730
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 9.9 14.9#

