

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123623.D
 Acq On : 19 Apr 2021 15:30
 Operator : JU/CG
 Sample : M2051-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0124027

Manual Integrations
 APPROVED

mohammad
 4/21/2021 8:34:36 AM

Quant Time: Apr 19 16:27:50 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 16 10:31:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	228364	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	886515	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	440200	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	850056	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	612525	20.00	ng	-0.02
86) Perylene-d12	15.521	264	520786	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1414169	100.09	ng	0.00
7) Phenol-d6	6.498	99	1823232	93.12	ng	0.00
23) Nitrobenzene-d5	7.422	82	1311294	68.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	529384	106.20	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1647745	55.80	ng	-0.01
79) Terphenyl-d14	12.986	244	1476156	46.84	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.510	94	51006	2.45	ng	96
50) Dimethylphthalate	9.616	163	202606	6.66	ng	100
71) Phenanthrene	11.416	178	288806	6.51	ng	99
75) Fluoranthene	12.610	202	395049	8.10	ng	98
78) Pyrene	12.839	202	342466	7.66	ng	98
81) Benzo(a)anthracene	14.027	228	130035	3.46	ng	98
83) Chrysene	14.063	228	130917	3.47	ng	98
88) Benzo(b)fluoranthene	15.086	252	121836m	3.31	ng	
90) Benzo(a)pyrene	15.457	252	92482	3.16	ng	94

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

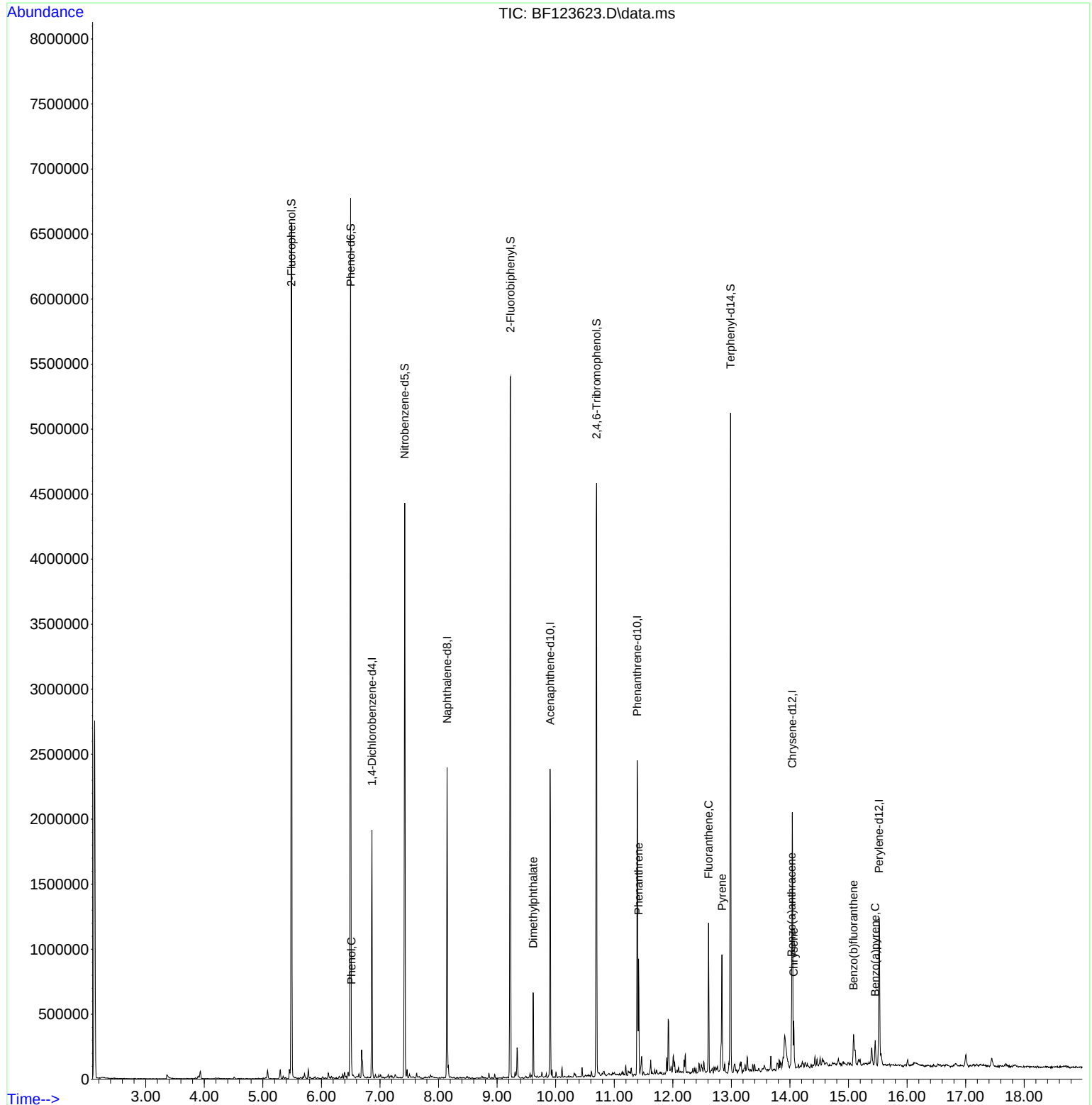
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123623.D
Acq On : 19 Apr 2021 15:30
Operator : JU/CG
Sample : M2051-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

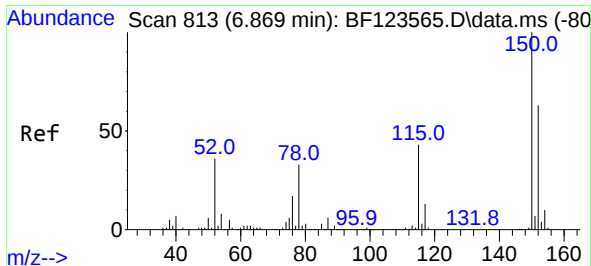
Instrument :
BNA_F
ClientSampleId :
0124027

Manual Integrations
APPROVED

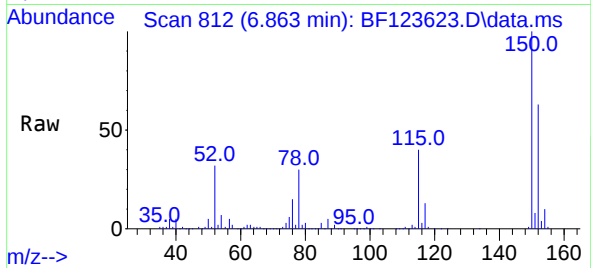
mohammad
4/21/2021 8:34:36 AM

Quant Time: Apr 19 16:27:50 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 16 10:31:33 2021
Response via : Initial Calibration

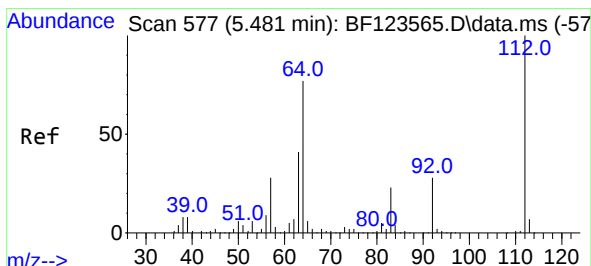
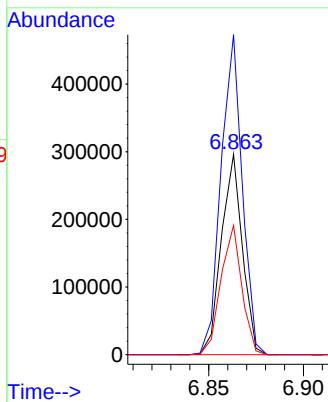
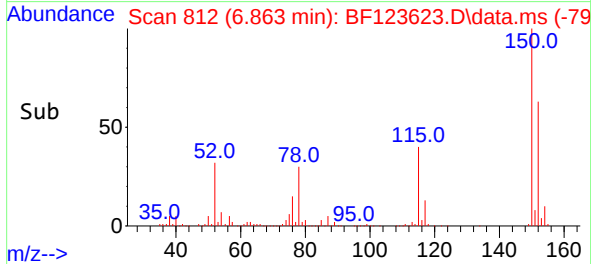




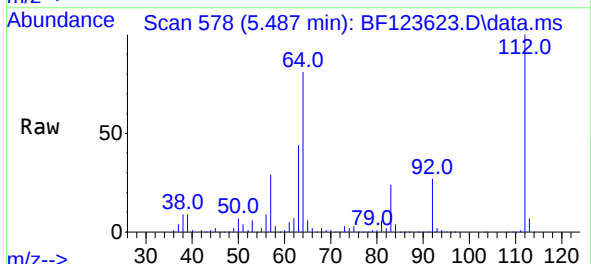
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



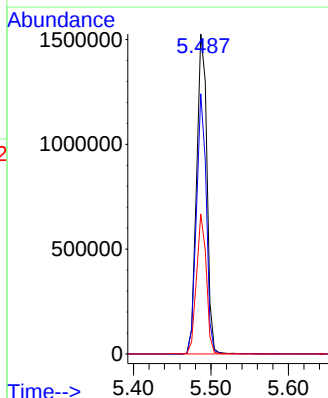
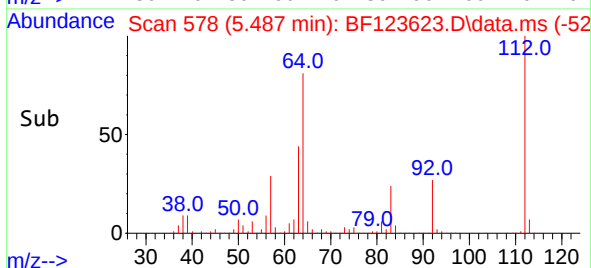
Tgt Ion:152 Resp: 228364
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 100.09 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



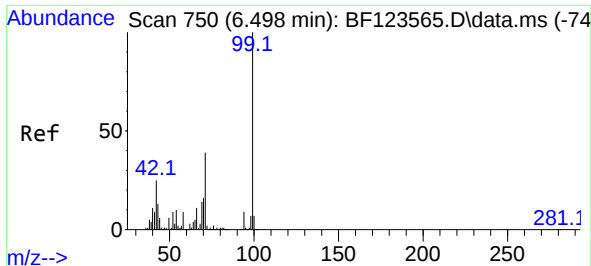
Tgt Ion:112 Resp: 1414169
Ion Ratio Lower Upper
112 100
64 81.3 61.4 92.0
63 43.7 33.0 49.4



Instrument :
BNA_F
ClientSampled :
0124027

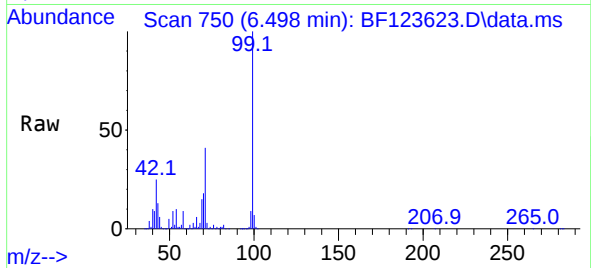
Manual Integrations
APPROVED

mohammad
4/21/2021 8:34:36 AM



#7
Phenol-d6
Concen: 93.12 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

Instrument :
BNA_F
ClientSampleId :
0124027

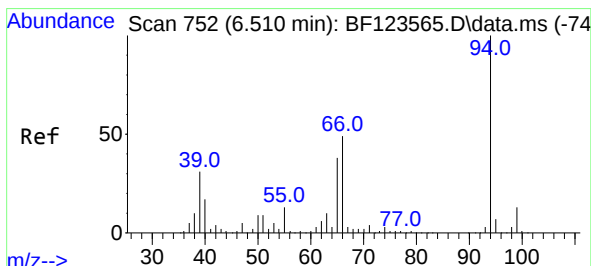
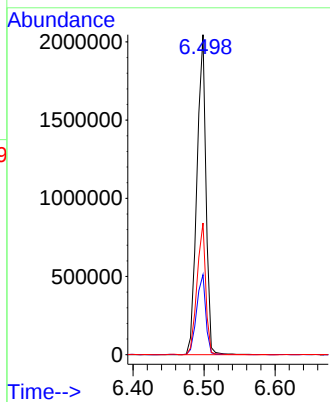
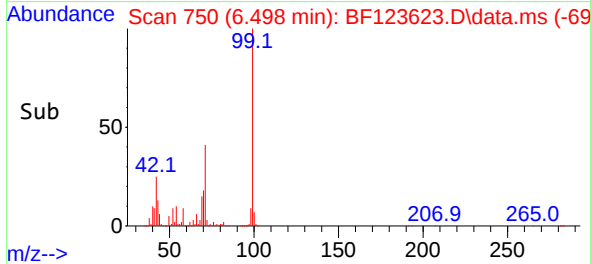


Tgt Ion: 99 Resp: 1823232

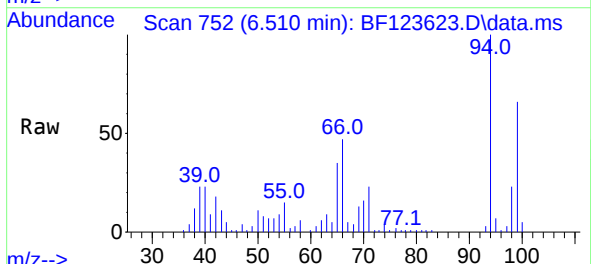
Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.8	29.8
71	41.2	31.1	46.7

Manual Integrations
APPROVED

mohammad
4/21/2021 8:34:36 AM

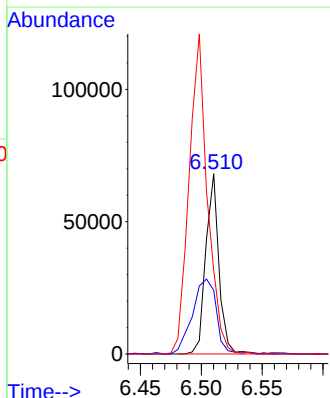
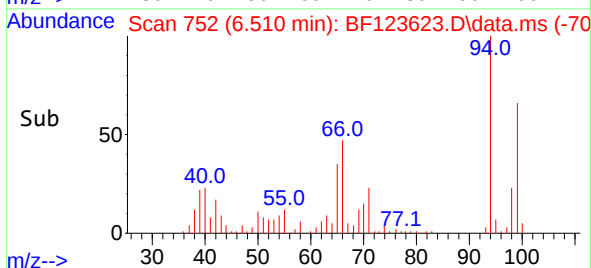


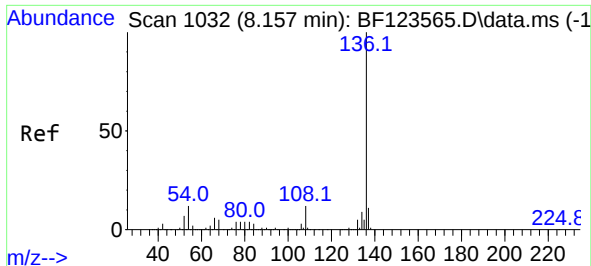
#10
Phenol
Concen: 2.45 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



Tgt Ion: 94 Resp: 51006

Ion	Ratio	Lower	Upper
94	100		
65	35.3	18.1	58.1
66	46.7	29.0	69.0





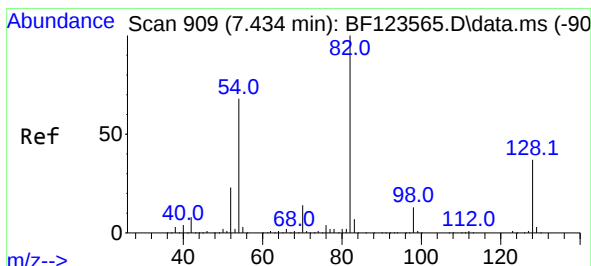
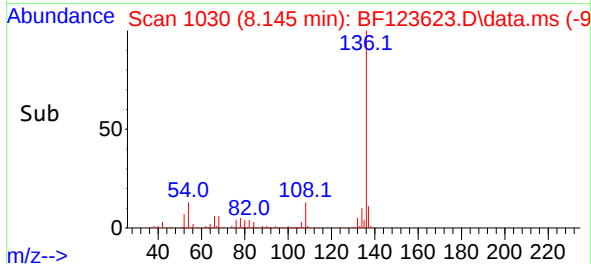
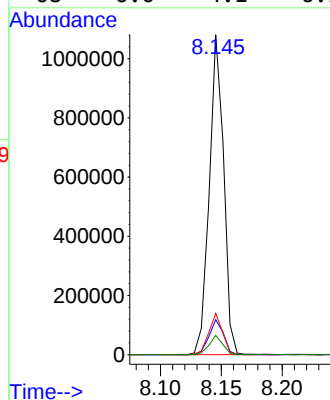
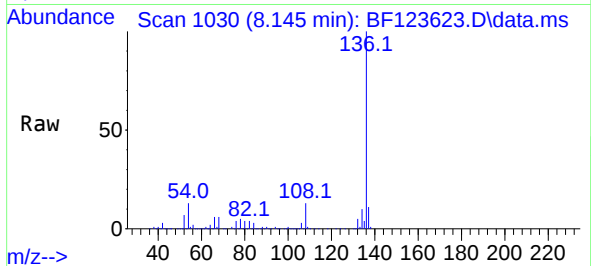
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

Tgt Ion:	136	Resp:	886515
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.9	9.8	14.6
68	6.0	4.1	6.1

Instrument :
BNA_F
ClientSampleId :
0124027

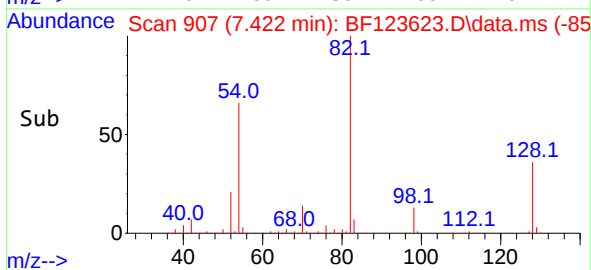
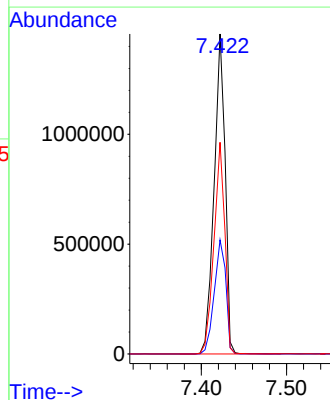
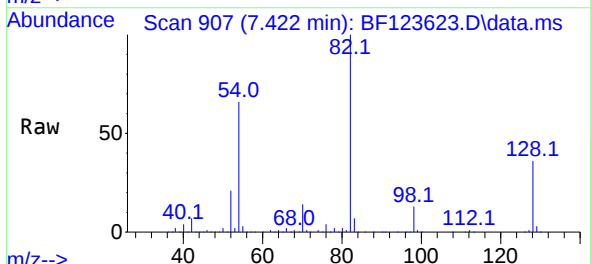
Manual Integrations
APPROVED

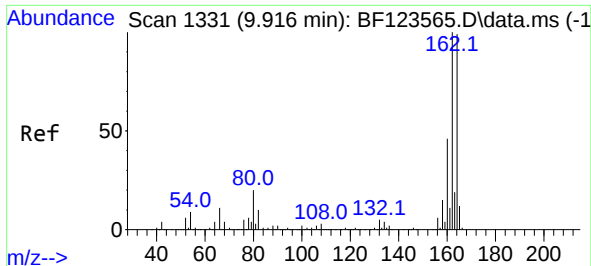
mohammad
4/21/2021 8:34:36 AM



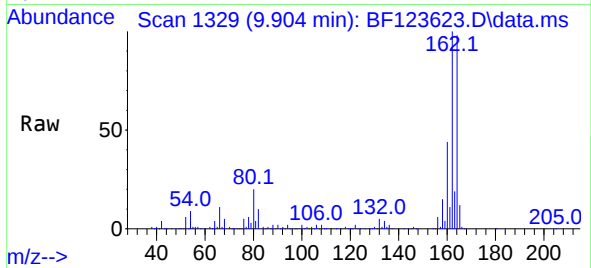
#23
Nitrobenzene-d5
Concen: 68.00 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

Tgt Ion:	82	Resp:	1311294
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.4	44.2
54	66.1	54.1	81.1

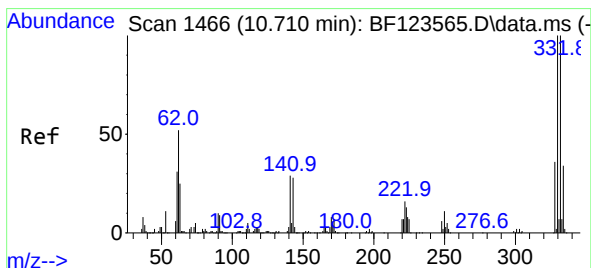
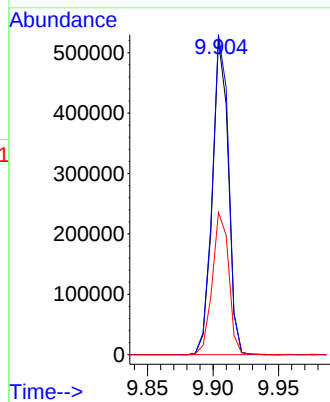
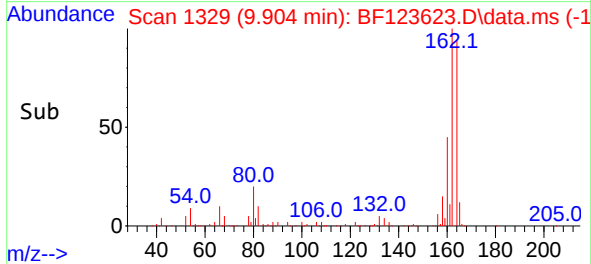




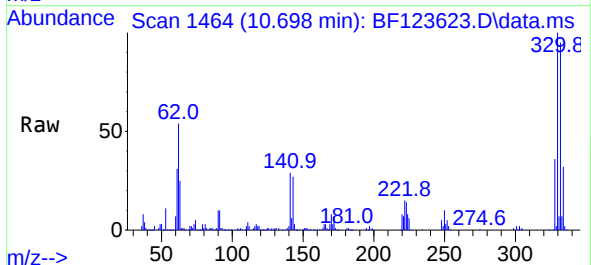
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



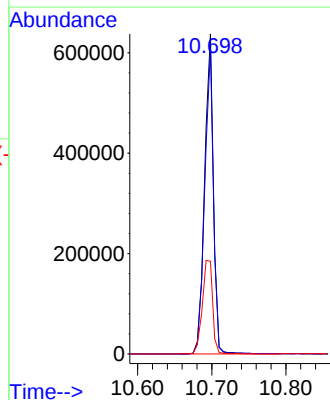
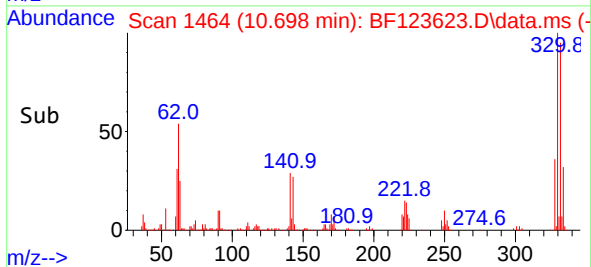
Tgt Ion:164 Resp: 440200
Ion Ratio Lower Upper
164 100
162 101.6 80.7 121.1
160 45.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 106.20 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



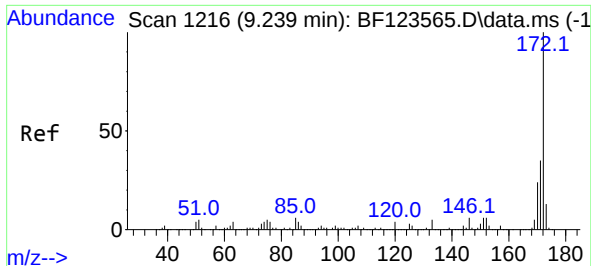
Tgt Ion:330 Resp: 529384
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 34.1 27.9 41.9



Instrument :
BNA_F
ClientSampleId :
0124027

Manual Integrations
APPROVED

mohammad
4/21/2021 8:34:36 AM



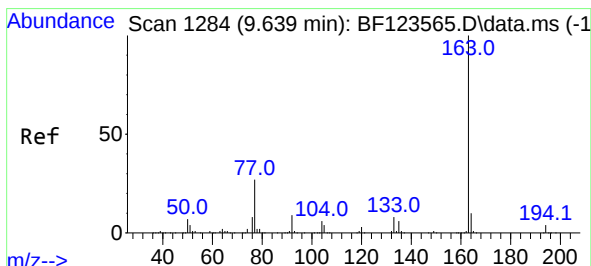
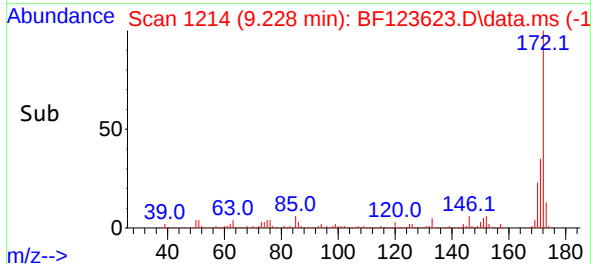
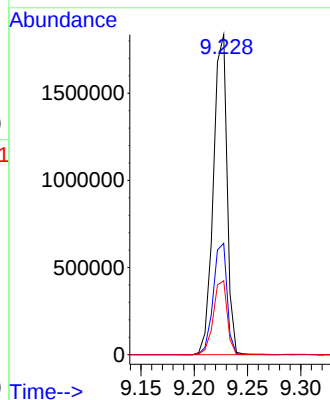
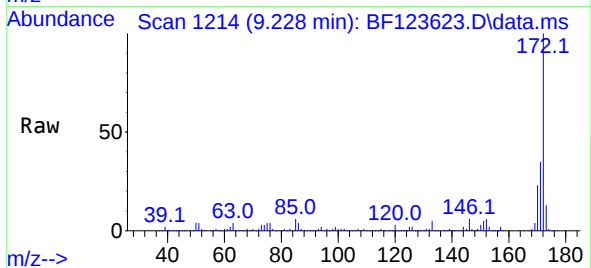
#45
2-Fluorobiphenyl
Concen: 55.80 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

Instrument :
BNA_F
ClientSampleId :
0124027

Tgt Ion:172 Resp: 1647745
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.1 19.2 28.8

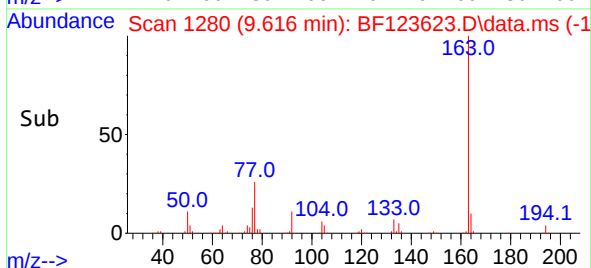
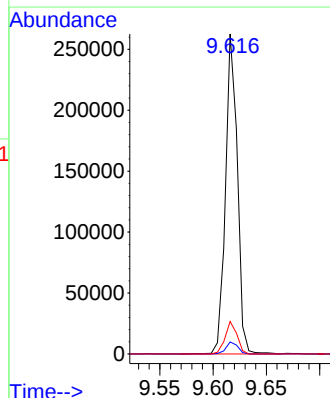
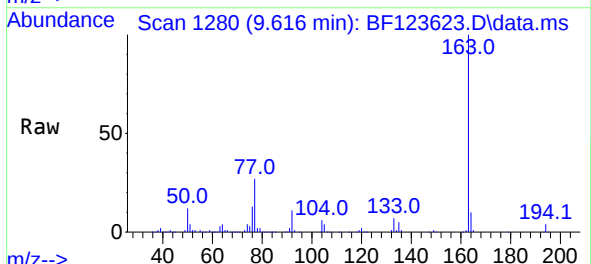
Manual Integrations
APPROVED

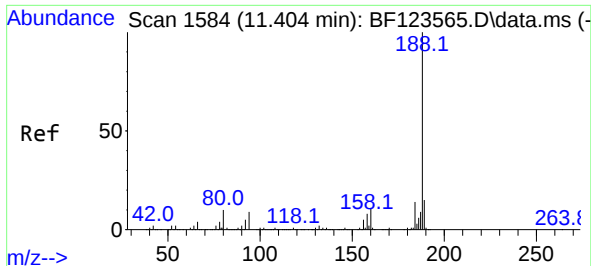
mohammad
4/21/2021 8:34:36 AM



#50
Dimethylphthalate
Concen: 6.66 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

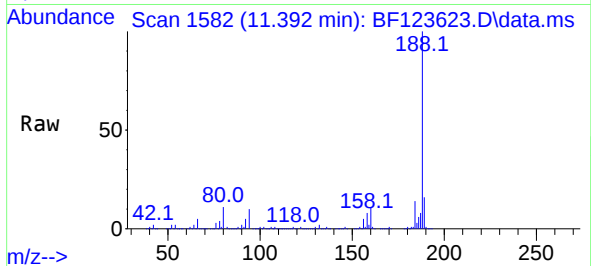
Tgt Ion:163 Resp: 202606
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

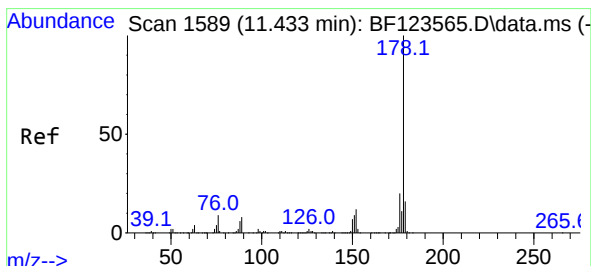
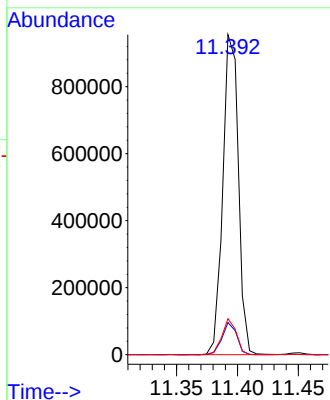
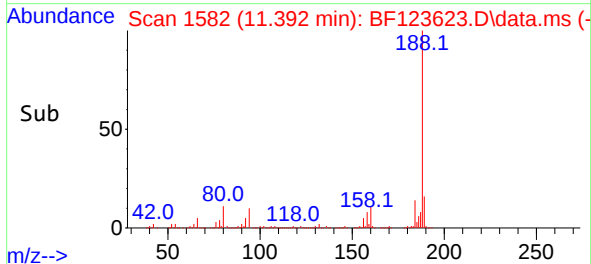
Instrument :
BNA_F
ClientSampled :
0124027



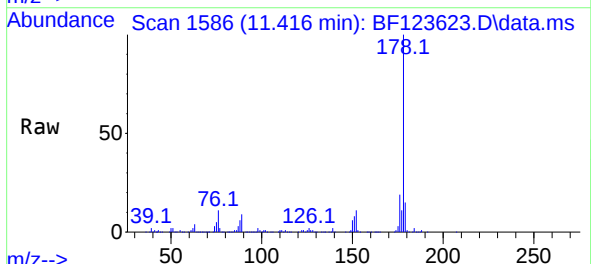
Tgt Ion:188 Resp: 850056
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.3 8.2 12.2

Manual Integrations
APPROVED

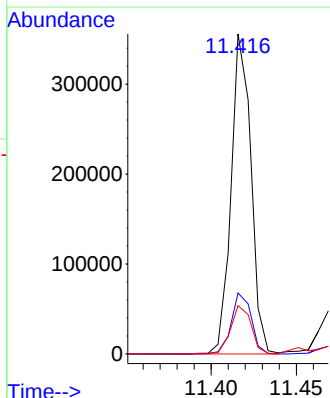
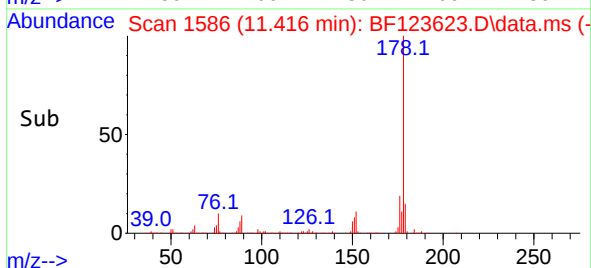
mohammad
4/21/2021 8:34:36 AM

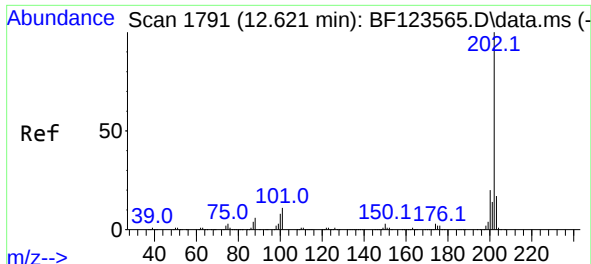


#71
Phenanthrene
Concen: 6.51 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



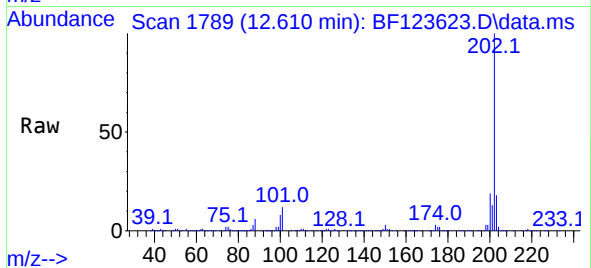
Tgt Ion:178 Resp: 288806
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.1 12.5 18.7





#75
Fluoranthene
Concen: 8.10 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

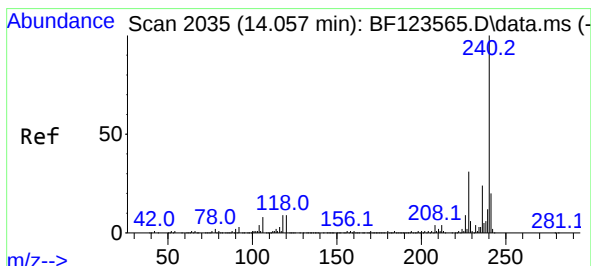
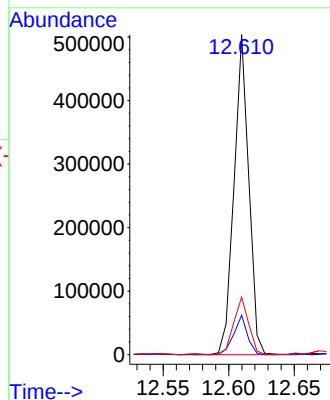
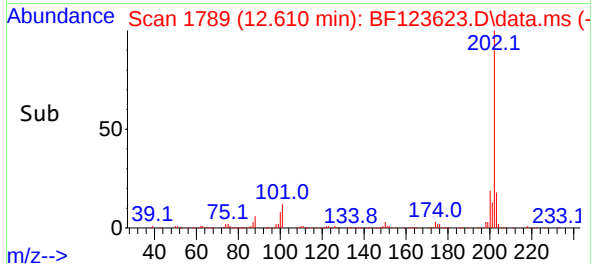
Instrument :
BNA_F
ClientSampleId :
0124027



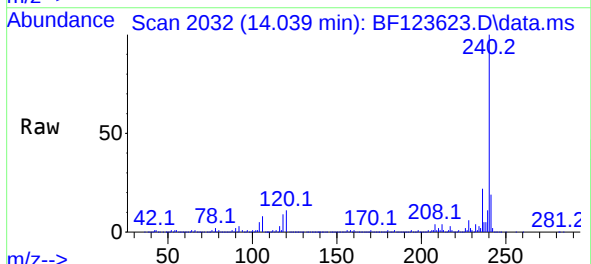
Tgt Ion:202 Resp: 395049
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.9
203 18.0 0.0 37.5

Manual Integrations
APPROVED

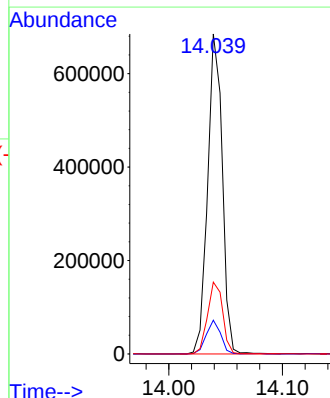
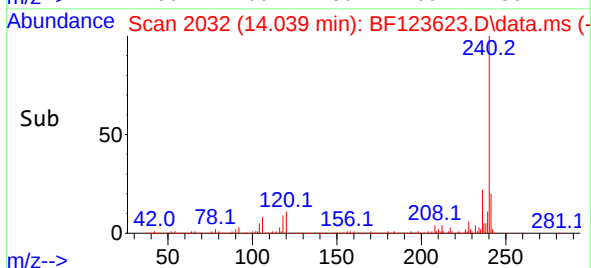
mohammad
4/21/2021 8:34:36 AM

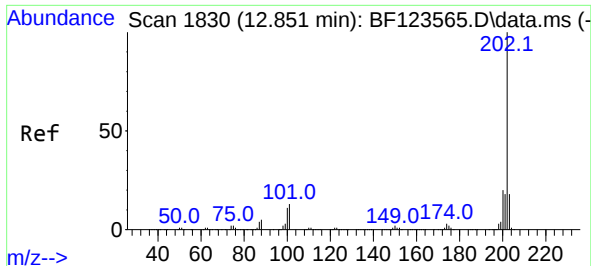


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



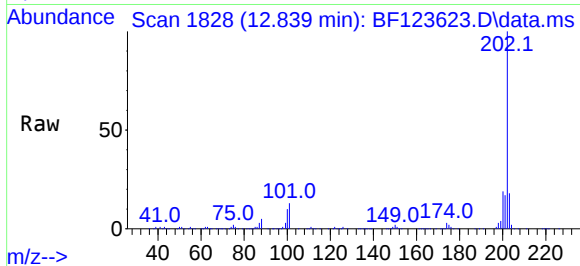
Tgt Ion:240 Resp: 612525
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 22.5 19.0 28.4





#78
Pyrene
Concen: 7.66 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

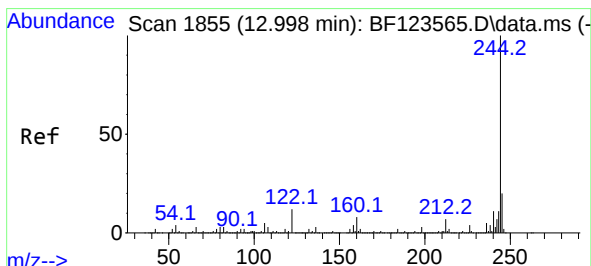
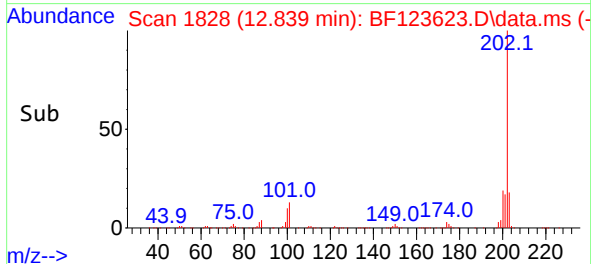
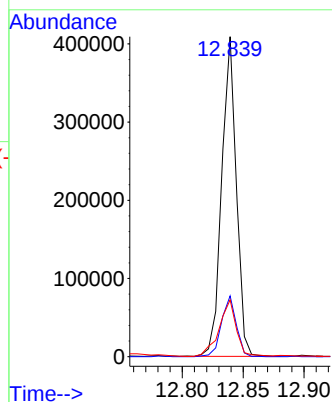
Instrument :
BNA_F
ClientSampled :
0124027



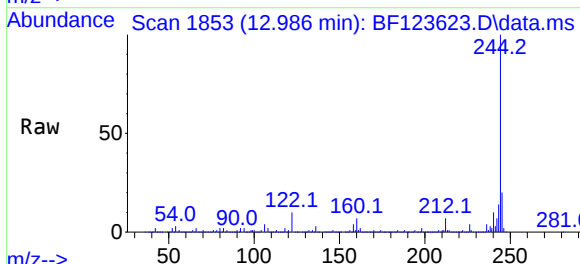
Tgt Ion:202 Resp: 342466
Ion Ratio Lower Upper
202 100
200 19.0 16.1 24.1
203 17.7 14.8 22.2

Manual Integrations
APPROVED

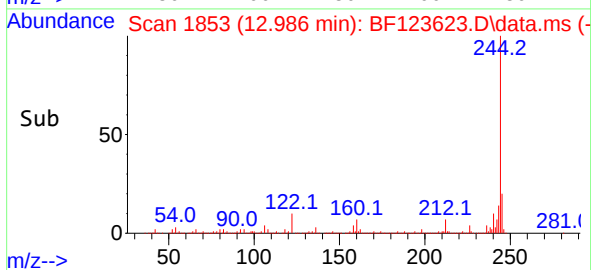
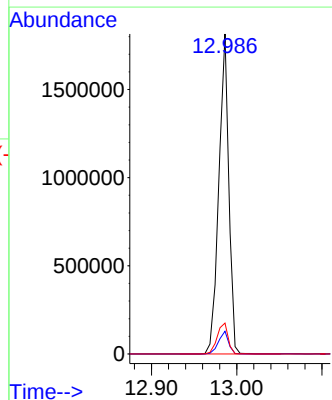
mohammad
4/21/2021 8:34:36 AM

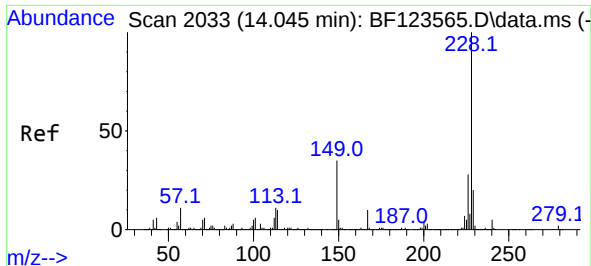


#79
Terphenyl-d14
Concen: 46.84 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



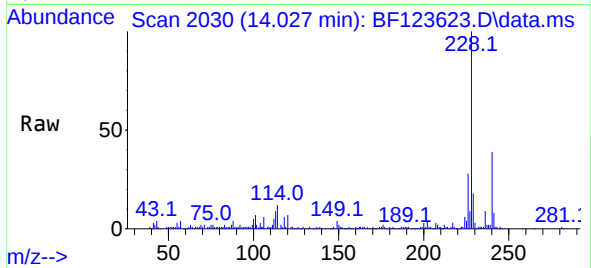
Tgt Ion:244 Resp: 1476156
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 9.7 14.5#





#81
Benzo(a)anthracene
Concen: 3.46 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

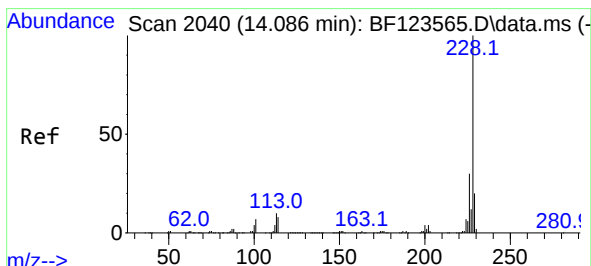
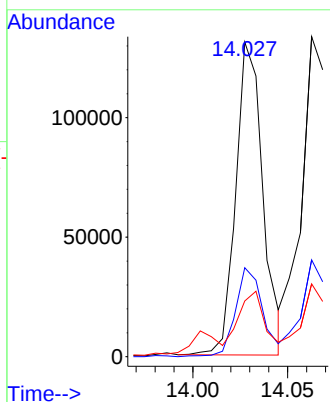
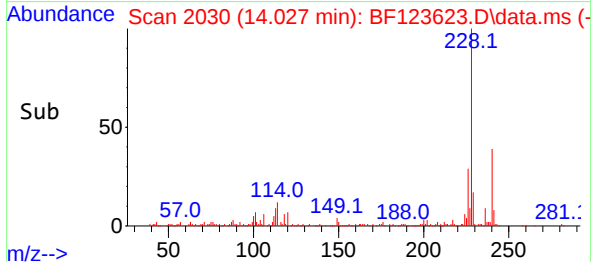
Instrument :
BNA_F
ClientSampleId :
0124027



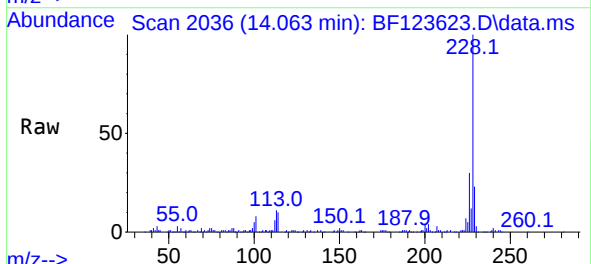
Tgt Ion:228 Resp: 130035
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 17.7 16.0 24.0

Manual Integrations
APPROVED

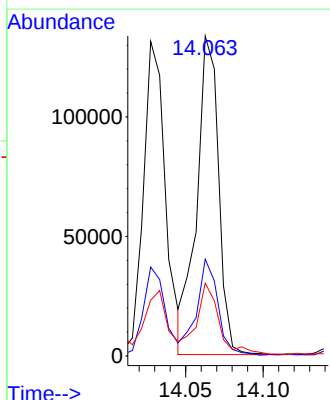
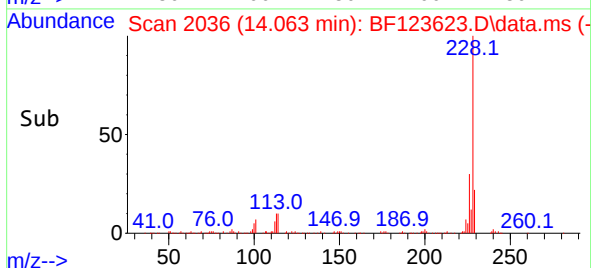
mohammad
4/21/2021 8:34:36 AM

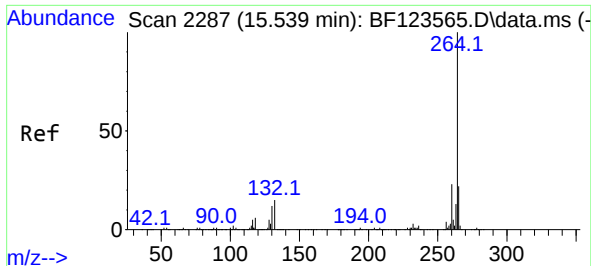


#83
Chrysene
Concen: 3.47 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.023 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

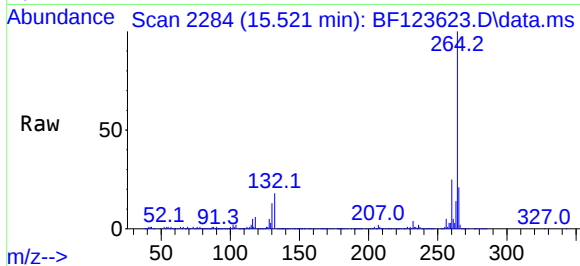


Tgt Ion:228 Resp: 130917
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.7 16.2 24.2

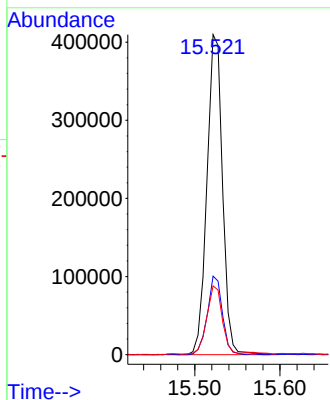
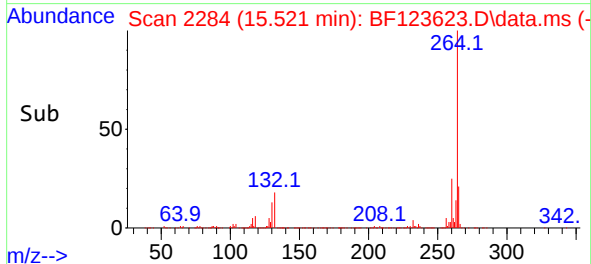




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



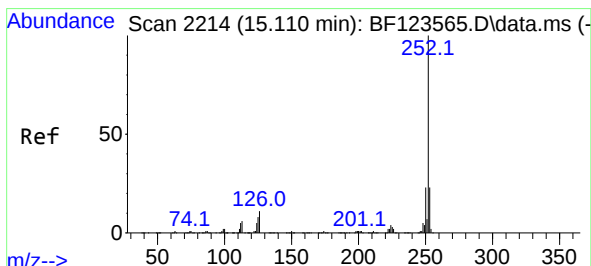
Tgt Ion: 264 Resp: 520786
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 21.5 17.8 26.8



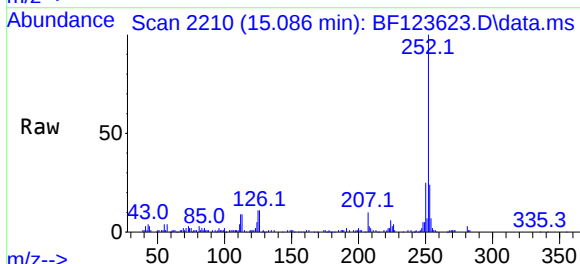
Instrument :
BNA_F
ClientSampled :
0124027

Manual Integrations
APPROVED

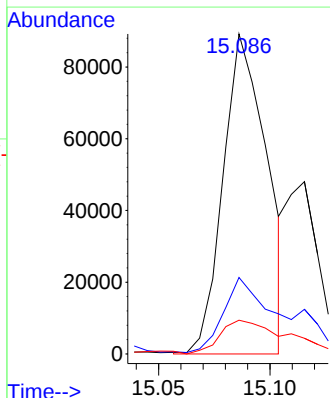
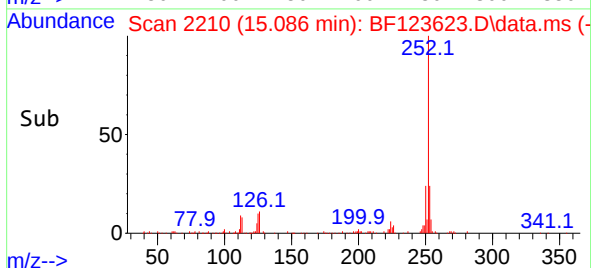
mohammad
4/21/2021 8:34:36 AM

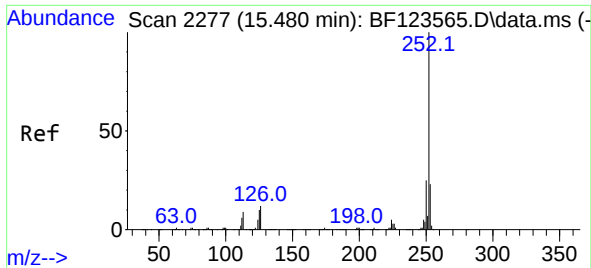


#88
Benzo(b)fluoranthene
Concen: 3.31 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.023 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30



Tgt Ion: 252 Resp: 121836
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 10.6 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 3.16 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.023 min
Lab File: BF123623.D
Acq: 19 Apr 2021 15:30

Tgt Ion:	252	Resp:	92482
Ion Ratio	Lower	Upper	
252	100		
253	19.3	18.4	27.6
125	9.7	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
0124027

Manual Integrations
APPROVED

mohammad
4/21/2021 8:34:36 AM

