

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127552.D
 Acq On : 28 Mar 2022 20:03
 Operator : CG\JU
 Sample : N2095-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03-(SB-13)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Quant Time: Mar 29 07:17:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	93659	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	343498	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	204341	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	366060	20.000	ng	0.00
76) Chrysene-d12	14.009	240	231968	20.000	ng	0.00
86) Perylene-d12	15.492	264	200185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	480600	81.908	ng	0.00
7) Phenol-d6	6.469	99	507820	63.315	ng	-0.01
23) Nitrobenzene-d5	7.404	82	687501	85.554	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	239733	110.133	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1142820	81.667	ng	0.00
79) Terphenyl-d14	12.951	244	1263770	89.185	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.269	107	18485	2.962	ng	# 48
31) Naphthalene	8.133	128	158374	8.684	ng	99
37) 2-Methylnaphthalene	8.833	142	34478	2.940	ng	92
38) 1-Methylnaphthalene	8.927	142	26210	2.260	ng	96
71) Phenanthrene	11.386	178	129026	6.761	ng	99
75) Fluoranthene	12.580	202	112969	5.382	ng	98
78) Pyrene	12.810	202	92357	4.639	ng	99
81) Benzo(a)anthracene	14.004	228	36347	2.343	ng	100
83) Chrysene	14.039	228	34620m	2.357	ng	
88) Benzo(b)fluoranthene	15.068	252	30448m	2.412	ng	
90) Benzo(a)pyrene	15.439	252	23666	2.285	ng	97

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

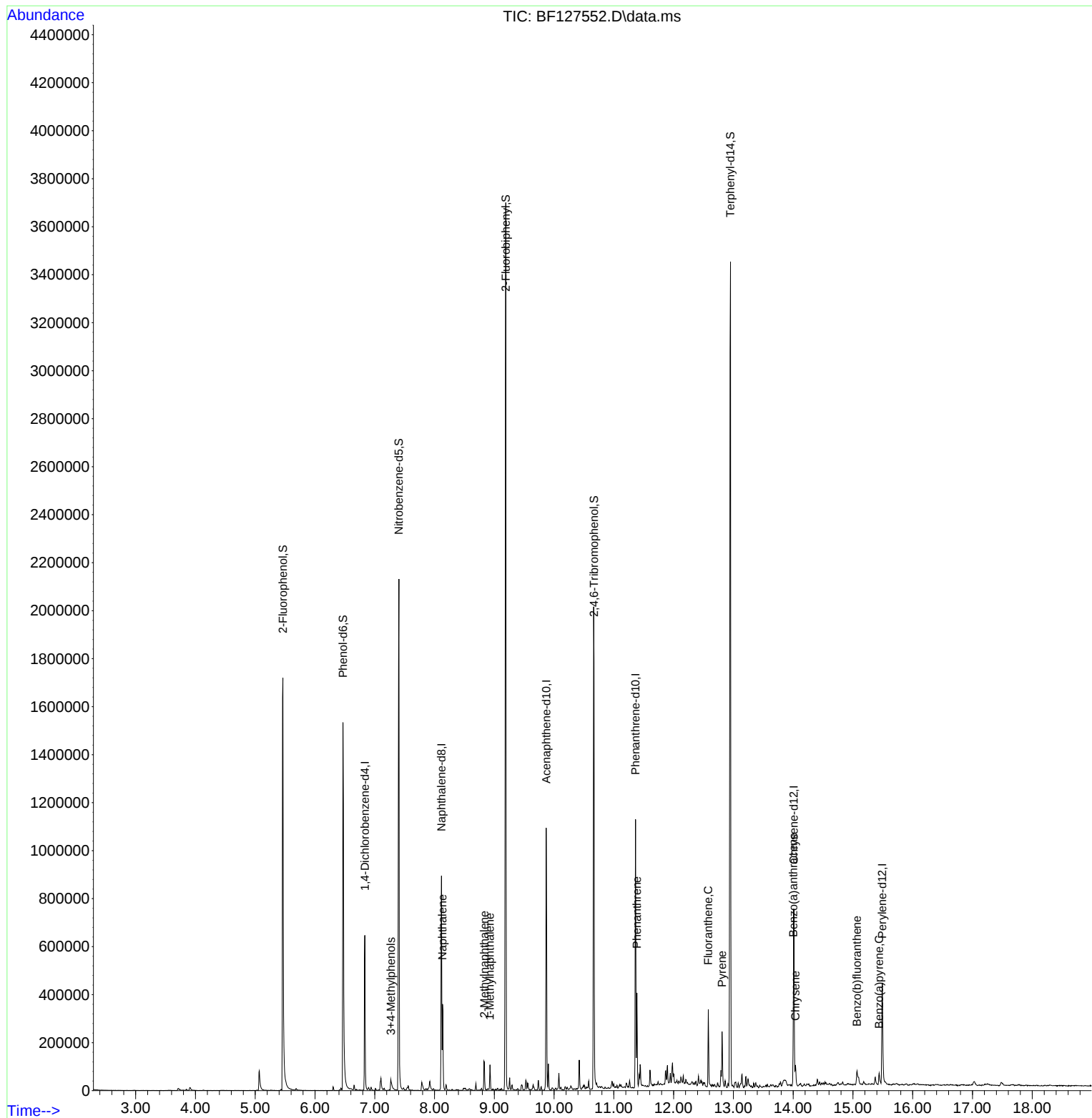
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127552.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

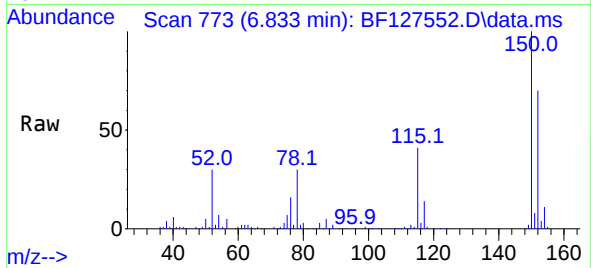
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Supervised By : mohammad ahmed 03/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

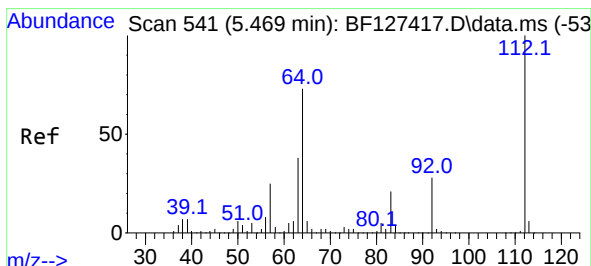
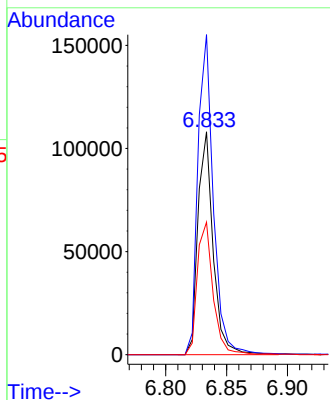
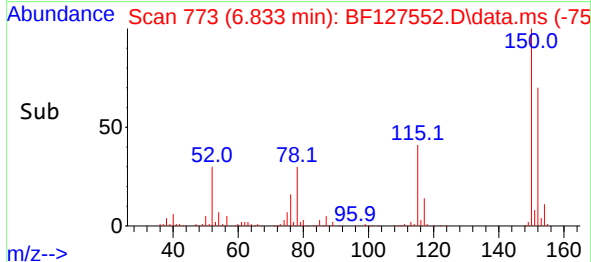
Instrument :
BNA_F
ClientSampleId :
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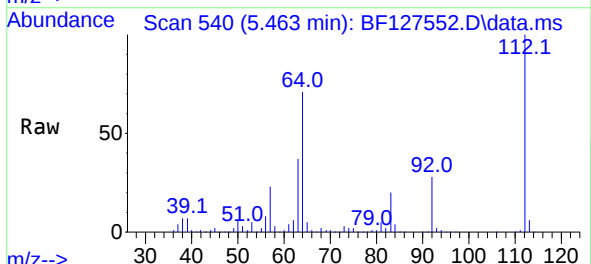
Tgt Ion:152 Resp: 93659
Ion Ratio Lower Upper
152 100
150 143.6 117.2 175.8
115 59.4 49.8 74.6

Manual Integrations
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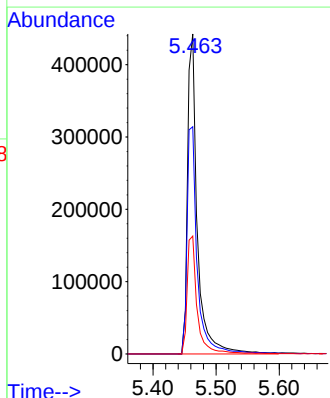
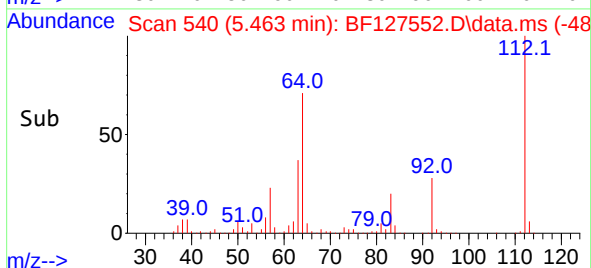
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

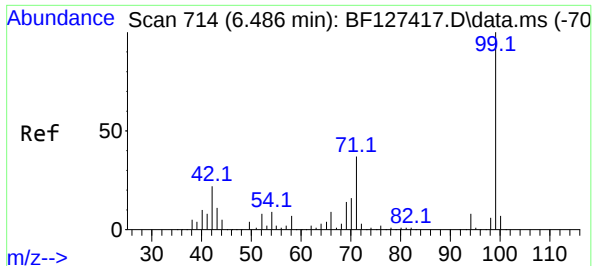


#5
2-Fluorophenol
Concen: 81.908 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



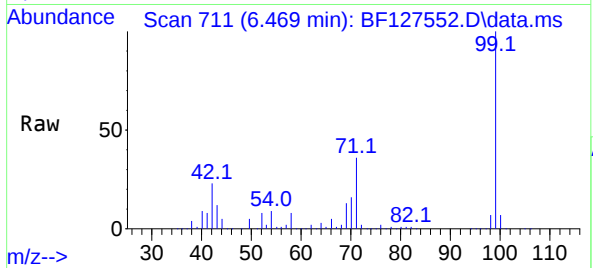
Tgt Ion:112 Resp: 480600
Ion Ratio Lower Upper
112 100
64 71.0 58.4 87.6
63 36.9 30.1 45.1





#7
Phenol-d6
Concen: 63.315 ng
RT: 6.469 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

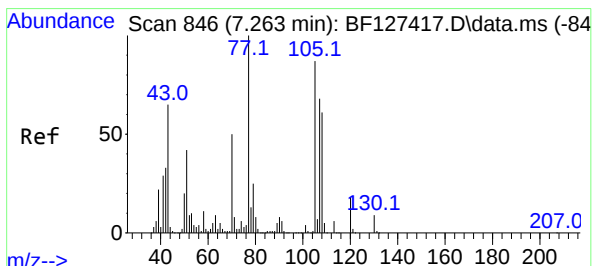
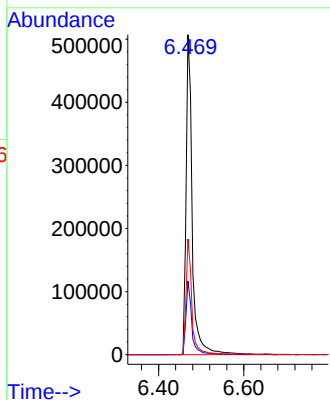
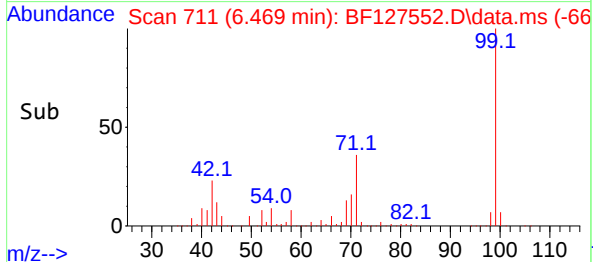
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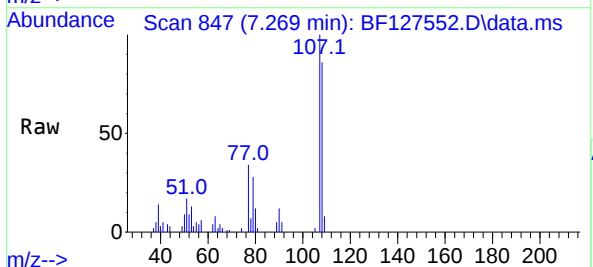
Tgt Ion: 99 Resp: 507820
Ion Ratio Lower Upper
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42 23.0 17.8 26.6
71 36.2 29.6 44.4

Manual Integrations
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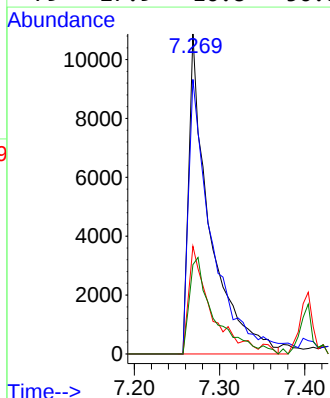
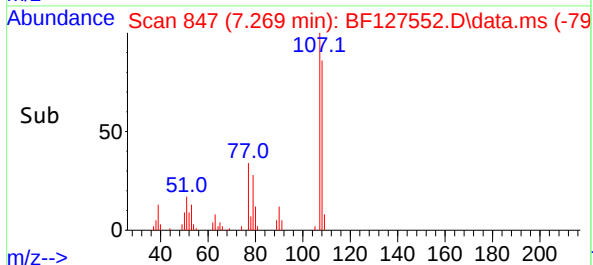
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

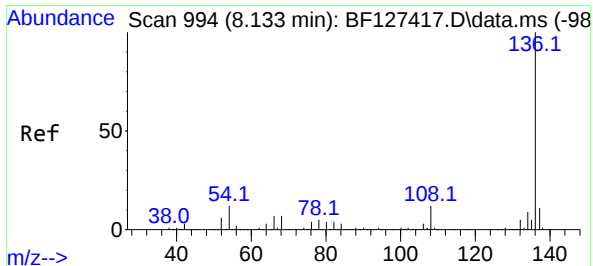


#20
3+4-Methylphenols
Concen: 2.962 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.018 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



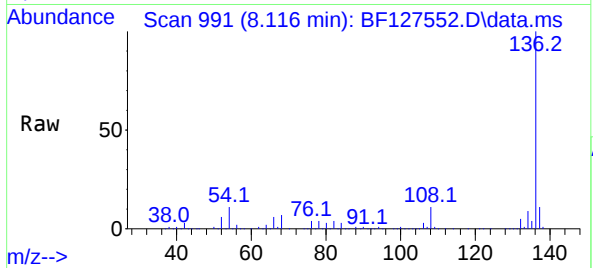
Tgt Ion:107 Resp: 18485
Ion Ratio Lower Upper
107 100
108 85.8 70.7 110.7
77 33.7 127.9 167.9#
79 27.9 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

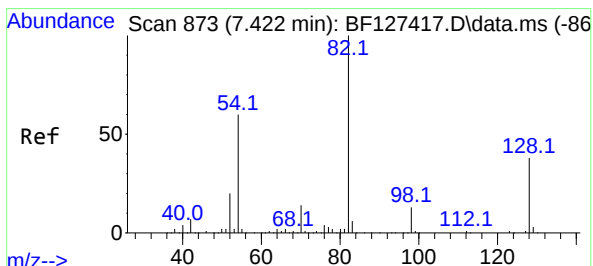
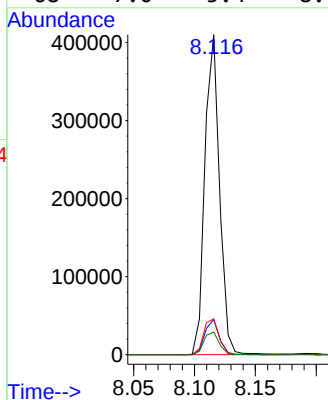
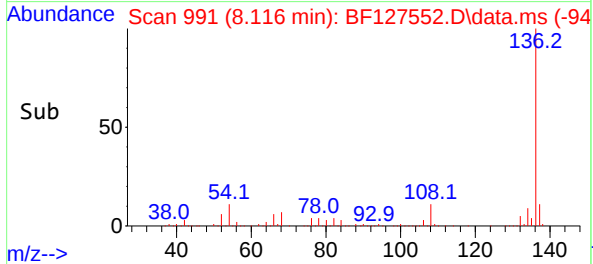
Instrument :
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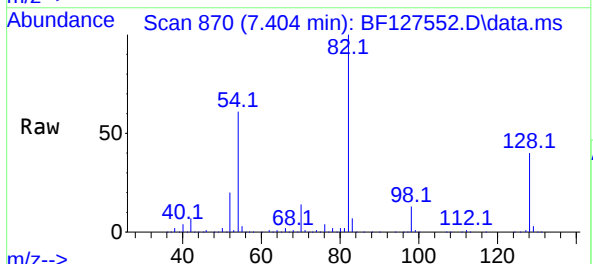
Tgt Ion:136 Resp: 343498
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.2 9.2 13.8
68 7.0 5.4 8.0

Manual Integrations
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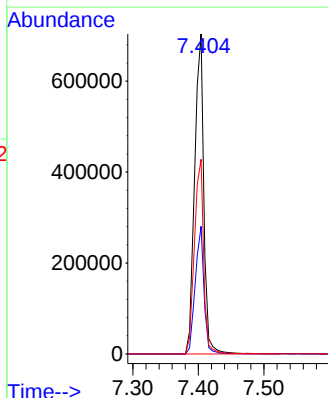
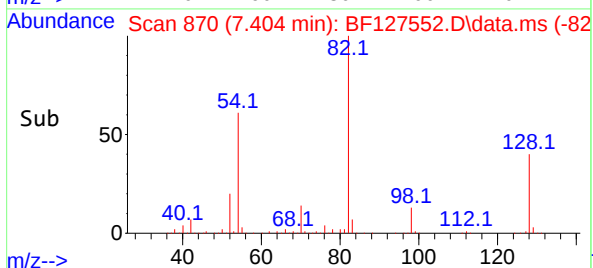
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

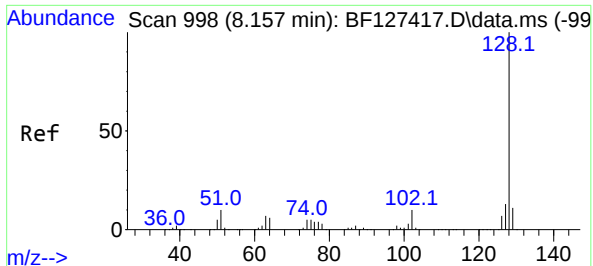


#23
Nitrobenzene-d5
Concen: 85.554 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



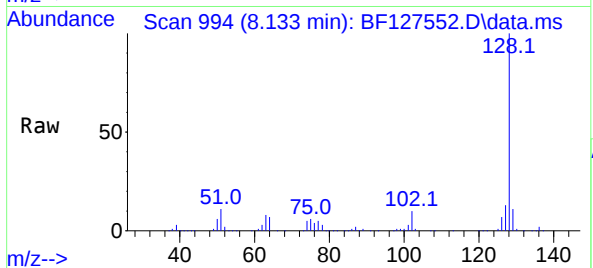
Tgt Ion: 82 Resp: 687501
Ion Ratio Lower Upper
82 100
128 39.9 30.6 45.8
54 60.8 48.2 72.2





#31
Naphthalene
Concen: 8.684 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

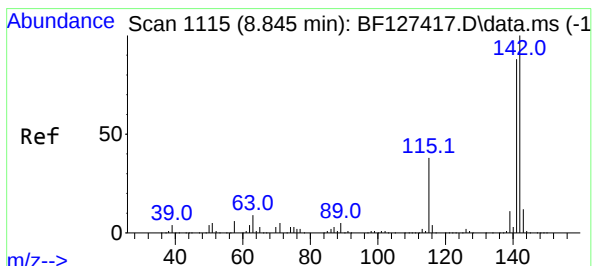
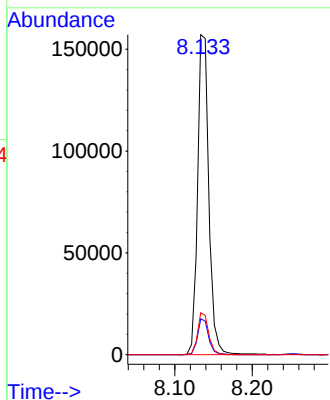
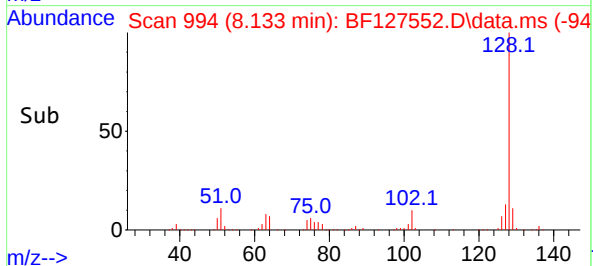
Instrument :
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ClientSampleId :
GW-03-(SB-13)



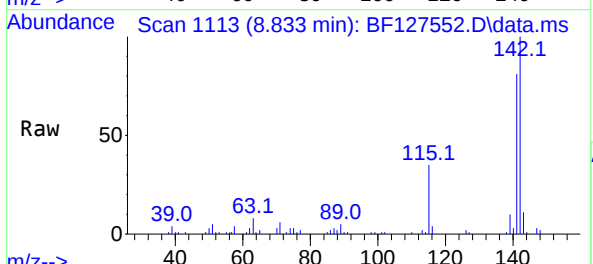
Tgt Ion:128 Resp: 158374
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.1 10.2 15.2

Manual Integrations
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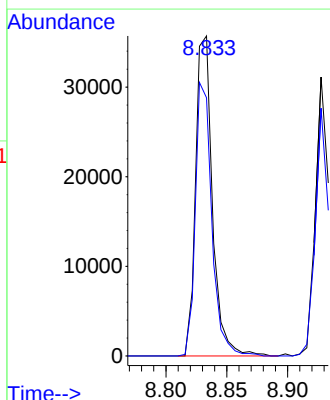
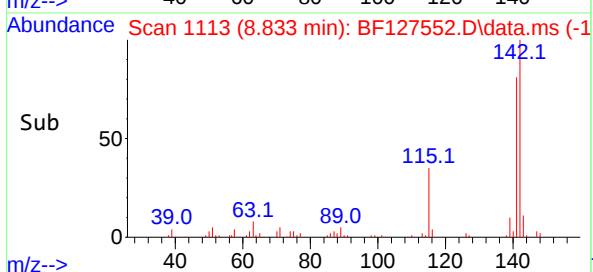
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

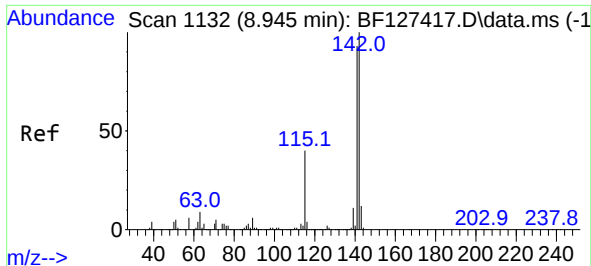


#37
2-Methylnaphthalene
Concen: 2.940 ng
RT: 8.833 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



Tgt Ion:142 Resp: 34478
Ion Ratio Lower Upper
142 100
141 80.7 70.6 106.0





#38

1-Methylnaphthalene

Concen: 2.260 ng

RT: 8.927 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF127552.D

Acq: 28 Mar 2022 20:03

Instrument :

BNA_F

ClientSampleId :

GW-03-(SB-13)

Tgt Ion:142 Resp: 26210

Ion Ratio Lower Upper

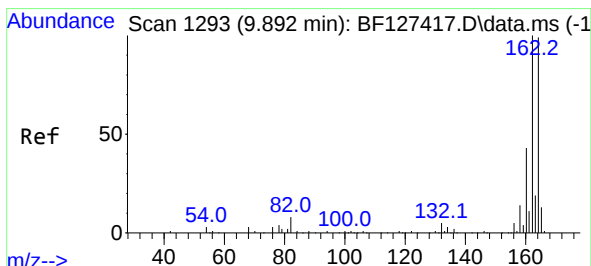
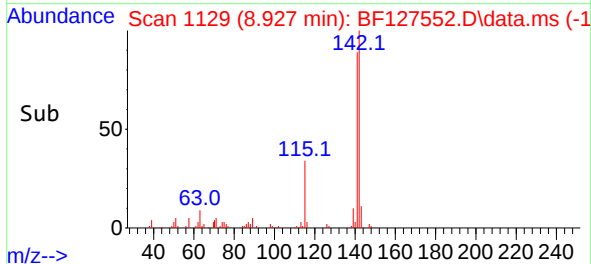
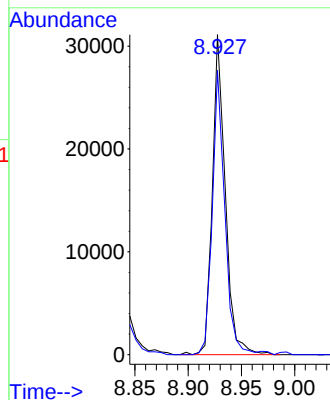
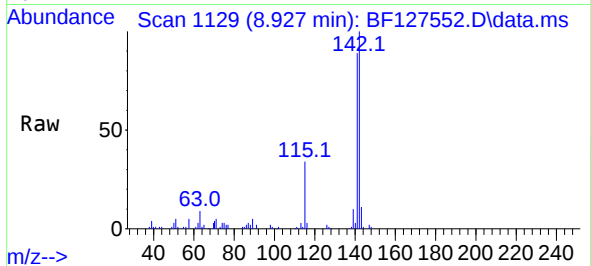
142 100

141 88.8 74.2 111.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127552.D

Acq: 28 Mar 2022 20:03

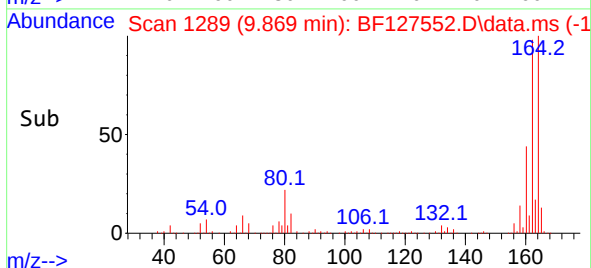
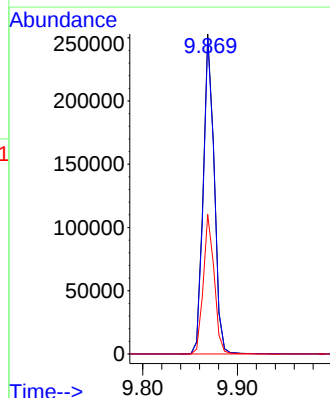
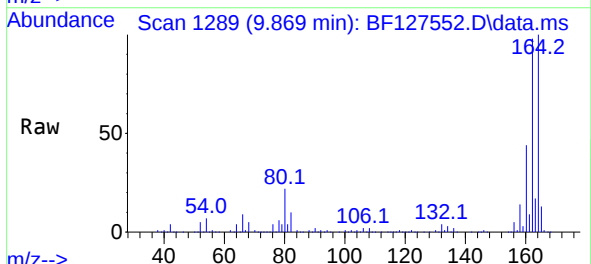
Tgt Ion:164 Resp: 204341

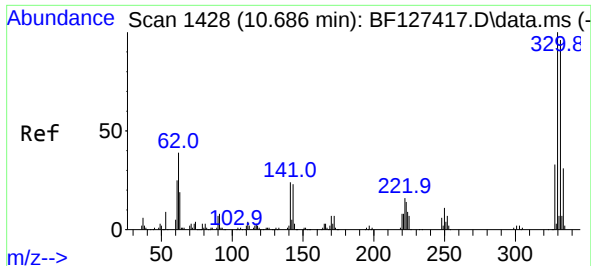
Ion Ratio Lower Upper

164 100

162 98.5 81.2 121.8

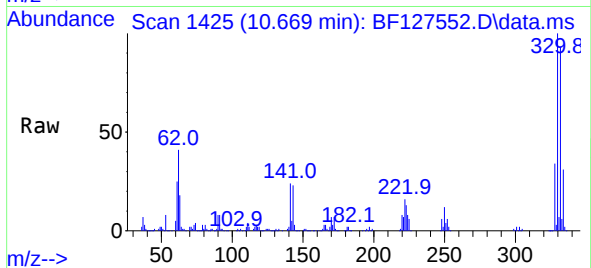
160 43.6 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 110.133 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

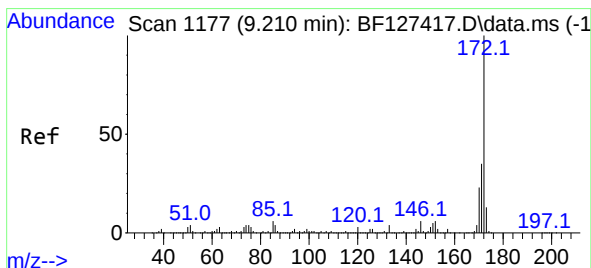
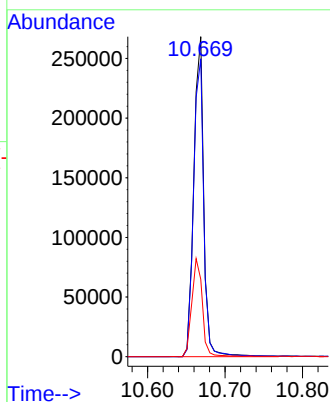
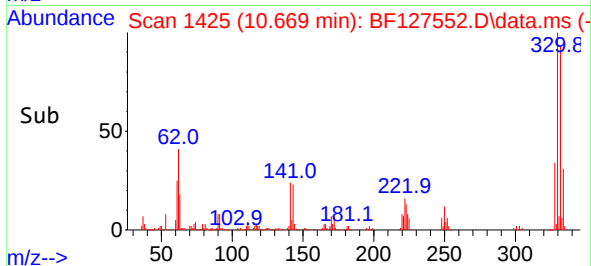
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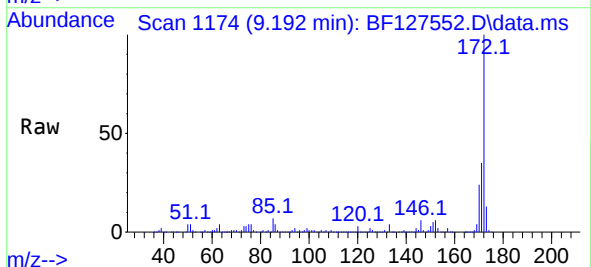
Tgt Ion: 330 Resp: 23973
Ion Ratio Lower Upper
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332 96.4 79.1 118.7
141 32.4 26.2 39.4

Manual Integrations
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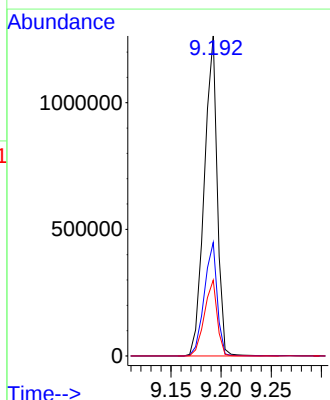
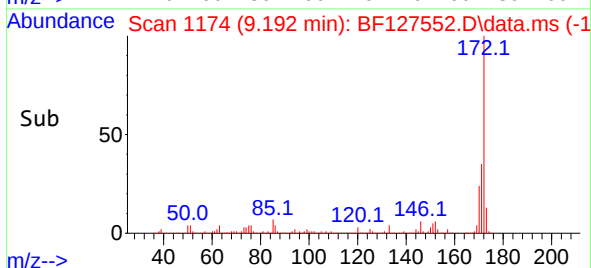
Reviewed By : Christian Giraldo 03/29/2022
Supervised By : mohammad ahmed 03/29/2022

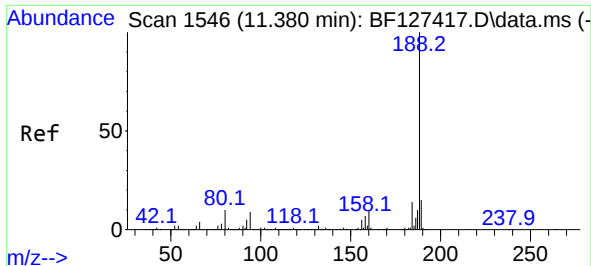


#45
2-Fluorobiphenyl
Concen: 81.667 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



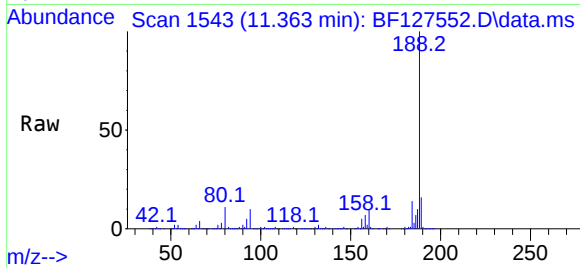
Tgt Ion: 172 Resp: 1142820
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

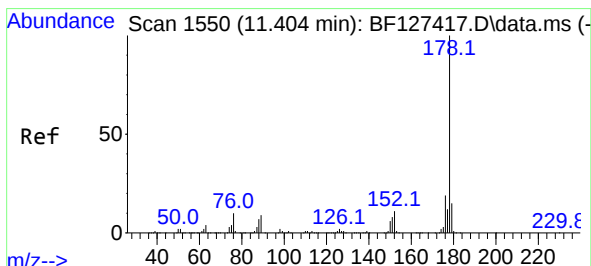
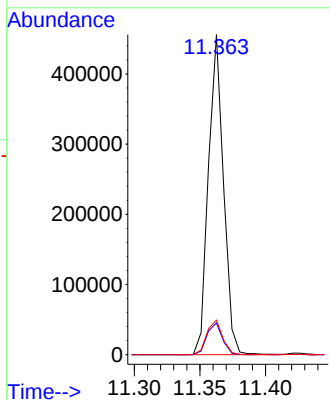
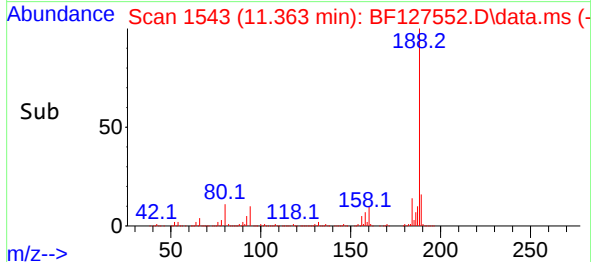
Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)



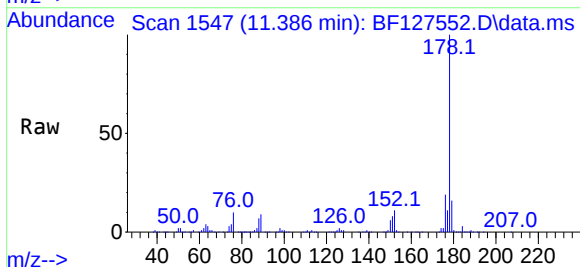
Tgt Ion:188 Resp: 366060
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.8 8.0 12.0

Manual Integrations
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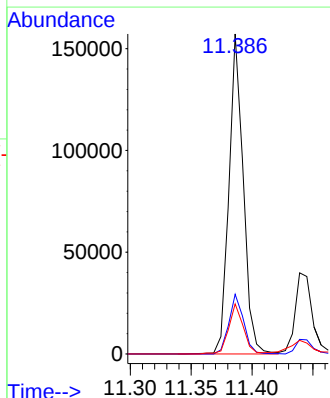
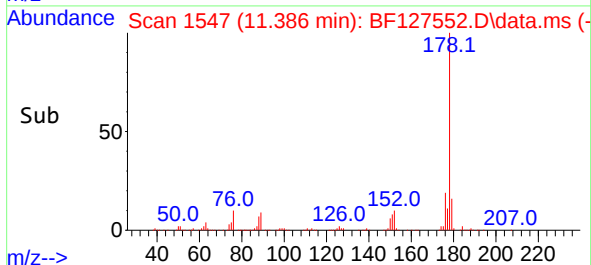
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

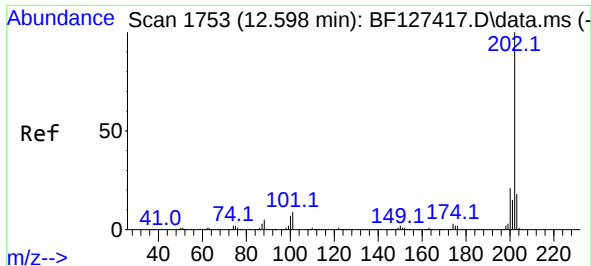


#71
Phenanthrene
Concen: 6.761 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



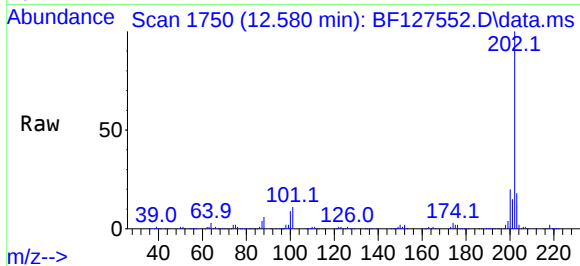
Tgt Ion:178 Resp: 129026
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.6 12.4 18.6





#75
Fluoranthene
Concen: 5.382 ng
RT: 12.580 min Scan# 112968
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

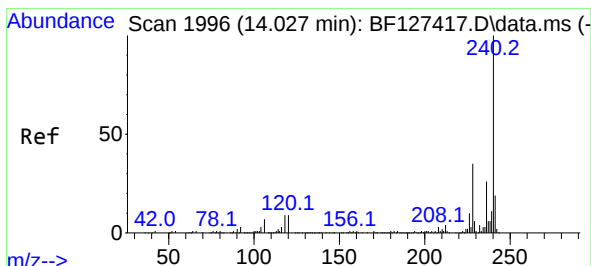
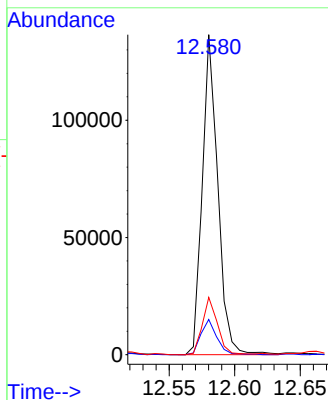
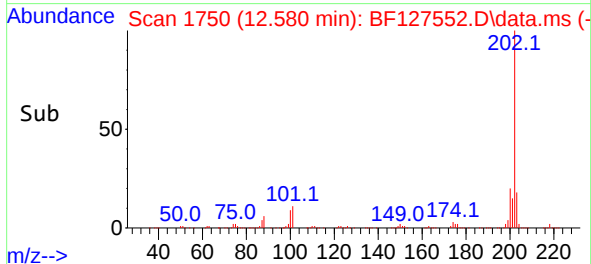
Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)



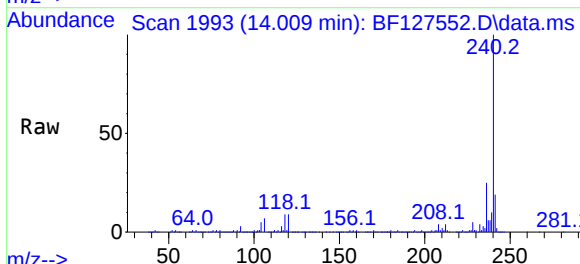
Tgt Ion:202 Resp: 112968
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.0
203 17.9 0.0 37.7

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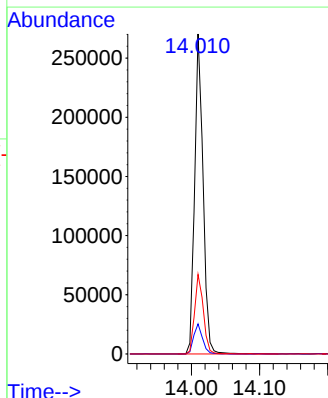
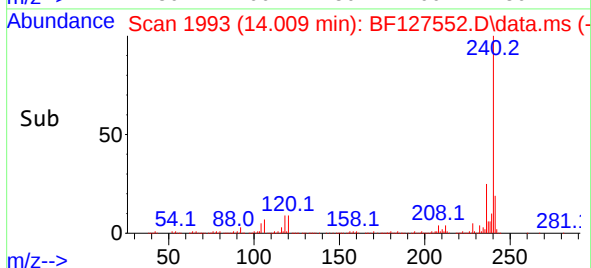
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

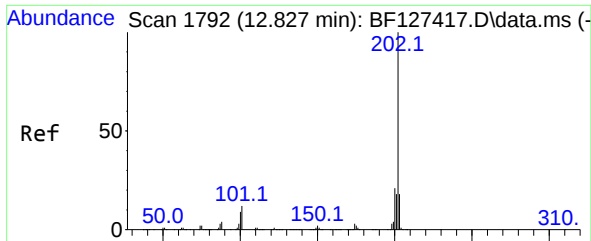


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



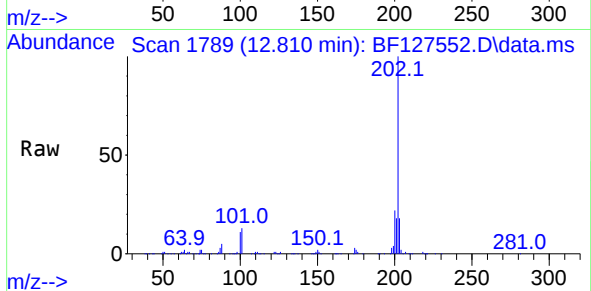
Tgt Ion:240 Resp: 231968
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 24.8 20.7 31.1





#78
Pyrene
Concen: 4.639 ng
RT: 12.810 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

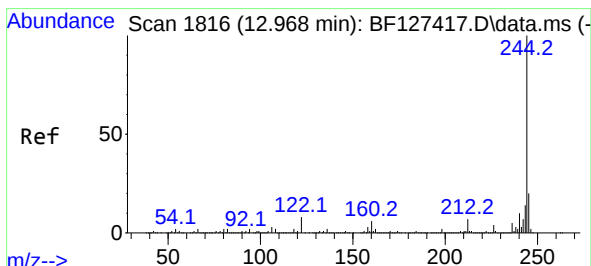
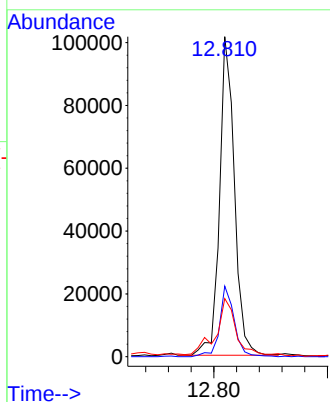
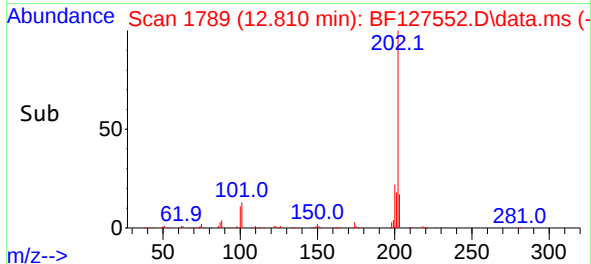
Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)



Tgt Ion:202 Resp: 9235
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.2 14.3 21.5

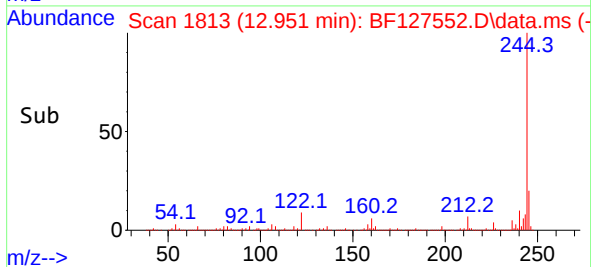
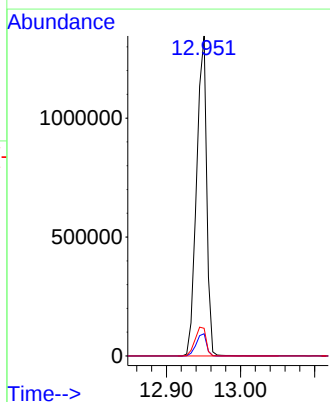
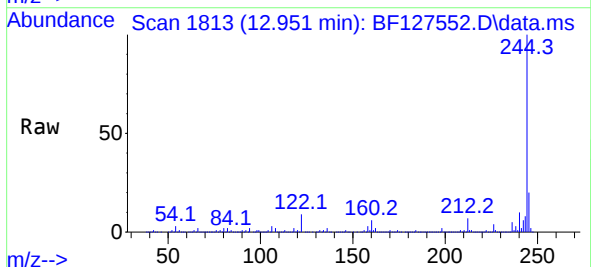
Manual Integrations
APPROVED

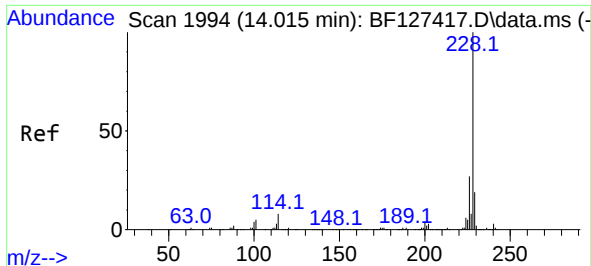
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#79
Terphenyl-d14
Concen: 89.185 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

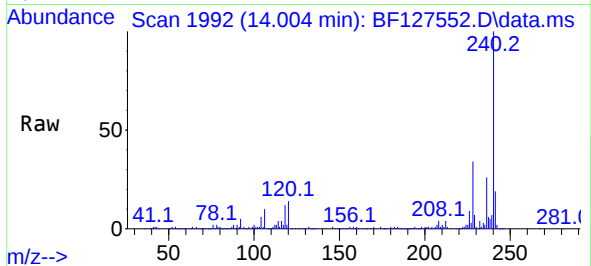
Tgt Ion:244 Resp: 1263770
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 8.6 6.2 9.2





#81
Benzo(a)anthracene
Concen: 2.343 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

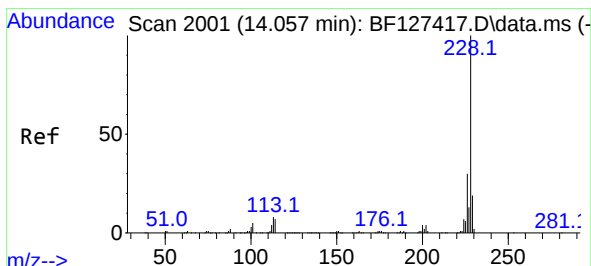
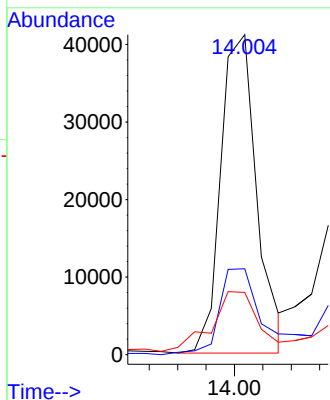
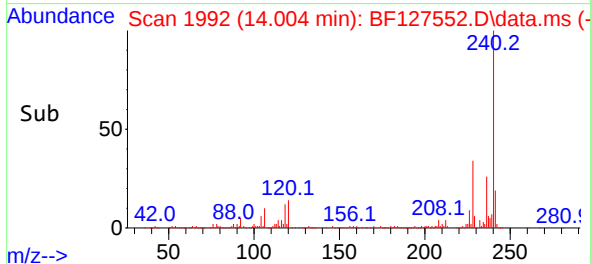
Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)



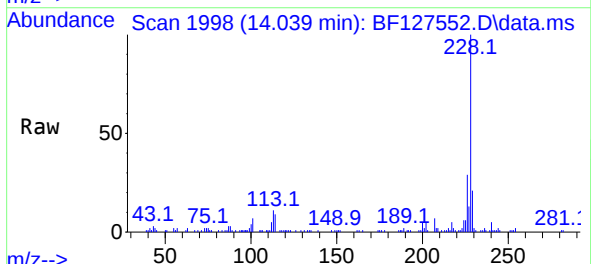
Tgt Ion:228 Resp: 3634
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.4 15.4 23.2

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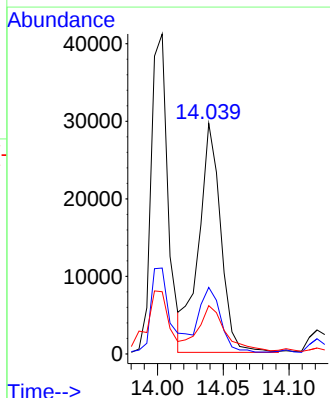
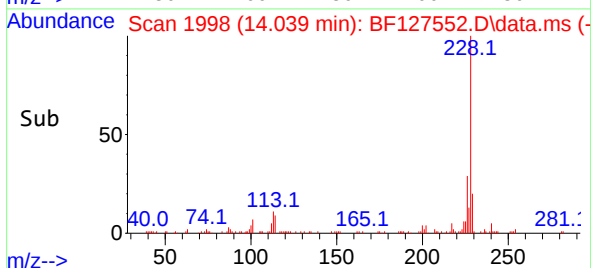
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

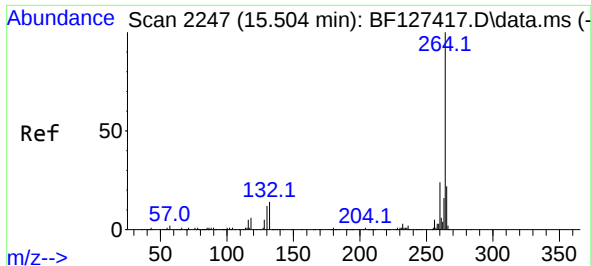


#83
Chrysene
Concen: 2.357 ng m
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



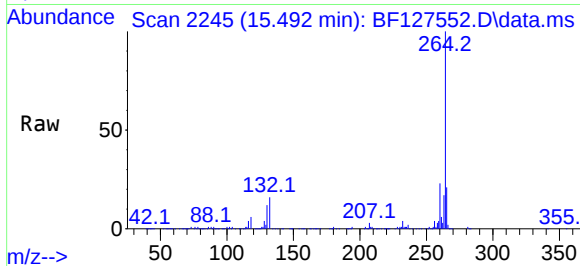
Tgt Ion:228 Resp: 34620
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.4
229 20.9 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

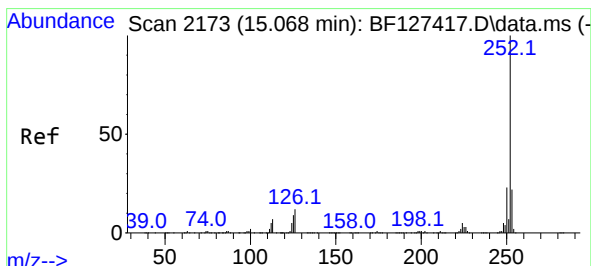
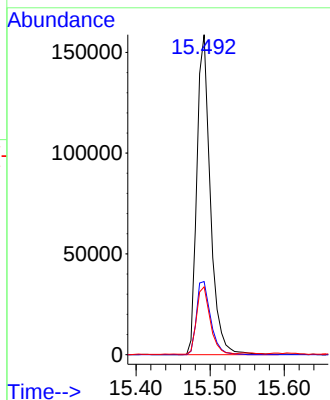
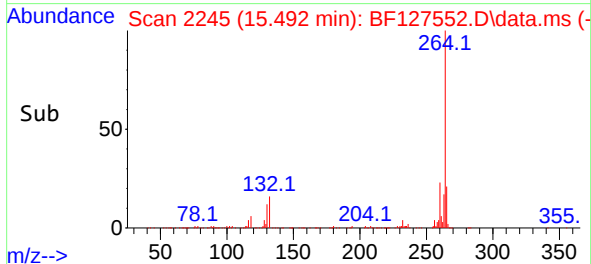
Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)



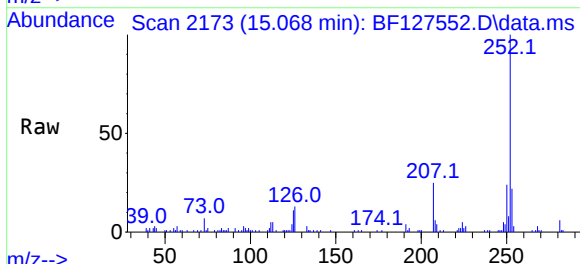
Tgt Ion:264 Resp: 200185
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 21.2 17.4 26.2

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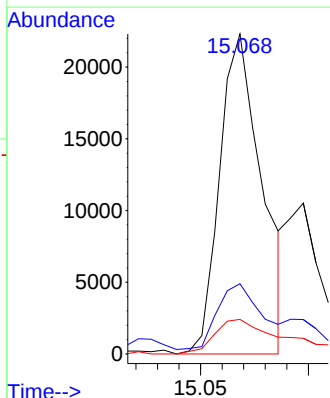
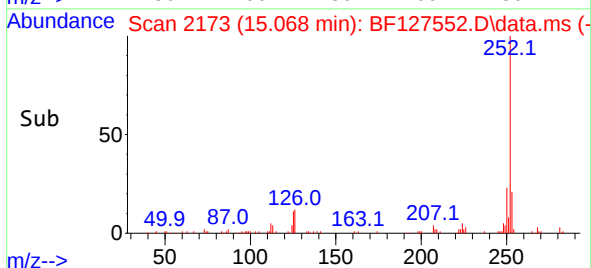
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

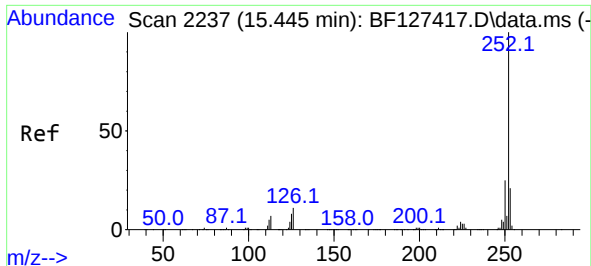


#88
Benzo(b)fluoranthene
Concen: 2.412 ng m
RT: 15.068 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03



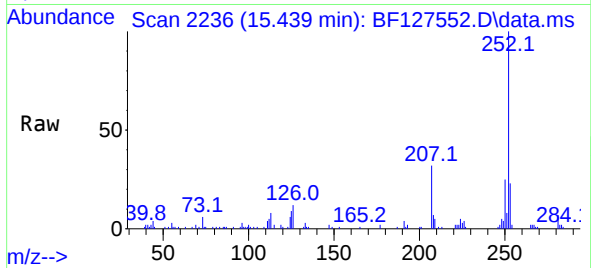
Tgt Ion:252 Resp: 30448
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.8 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 2.285 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)



Tgt Ion:252 Resp: 2366
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 8.7 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

