

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127237.D
 Acq On : 07 Mar 2022 23:22
 Operator : CG\JU
 Sample : N1806-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-24

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 00:04:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	98159	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	401274	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	211013	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	373087	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	185952	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	174245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	593293	93.418	ng	0.00
7) Phenol-d6	6.510	99	773641	90.276	ng	0.00
23) Nitrobenzene-d5	7.440	82	547216	61.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	252953	104.116	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	914524	63.803	ng	0.00
79) Terphenyl-d14	12.998	244	941524	74.432	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	57489	2.753	ng	96
75) Fluoranthene	12.627	202	97732	4.929	ng	94
78) Pyrene	12.857	202	81361	5.036	ng	99
81) Benzo(a)anthracene	14.045	228	30150	2.405	ng	97
83) Chrysene	14.080	228	26441m	2.243	ng	
88) Benzo(b)fluoranthene	15.104	252	38402m	3.281	ng	
90) Benzo(a)pyrene	15.480	252	25849	2.828	ng	95

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

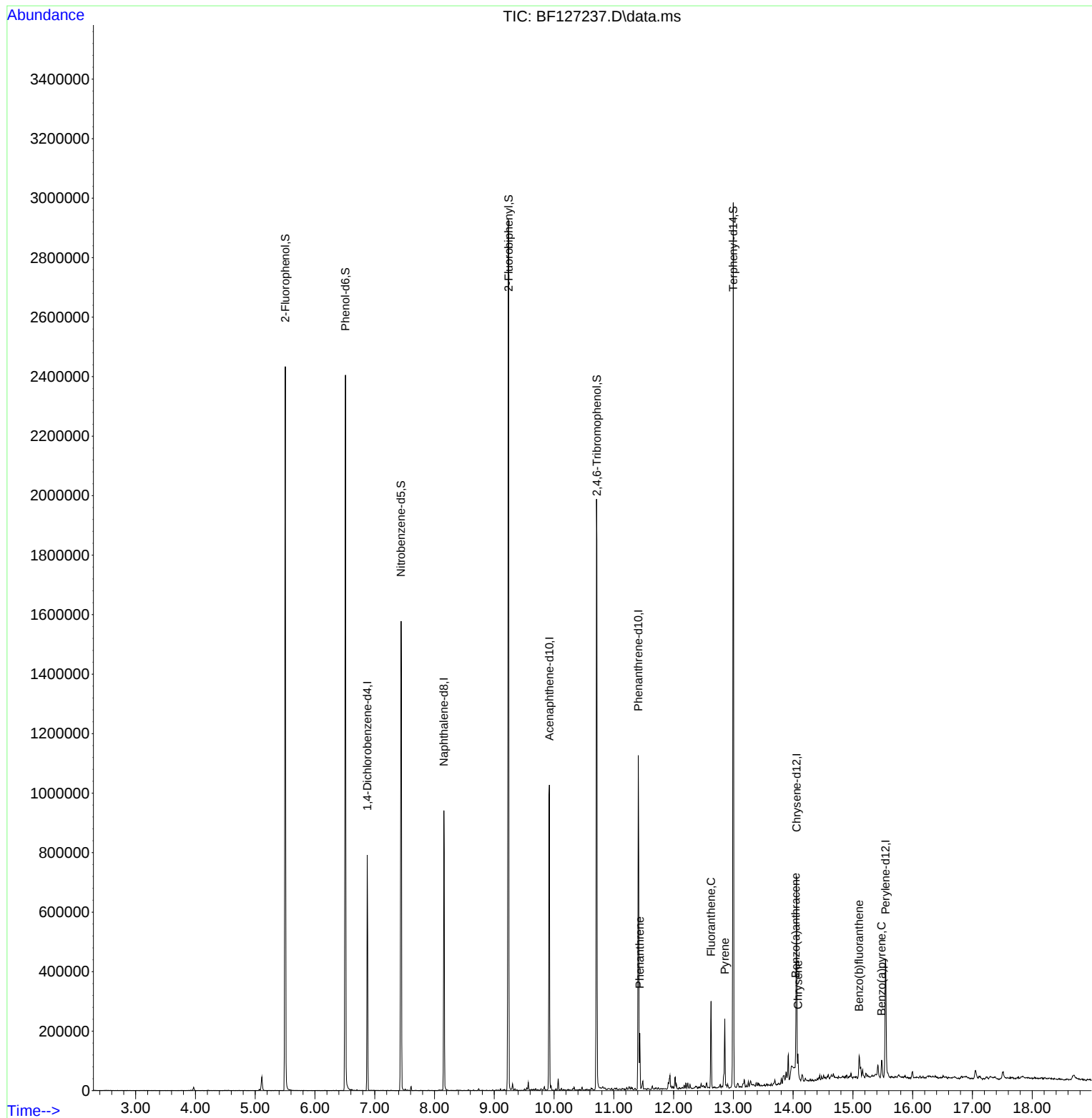
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127237.D
Acq On : 07 Mar 2022 23:22
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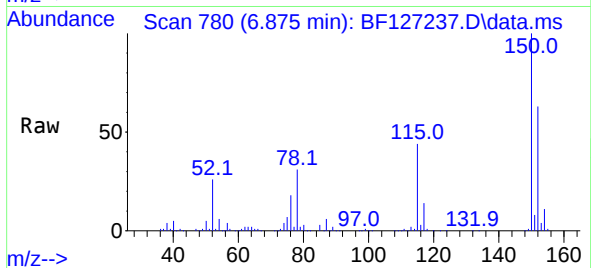
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Instrument :

BNA_F

ClientSampleId :

DUM-24

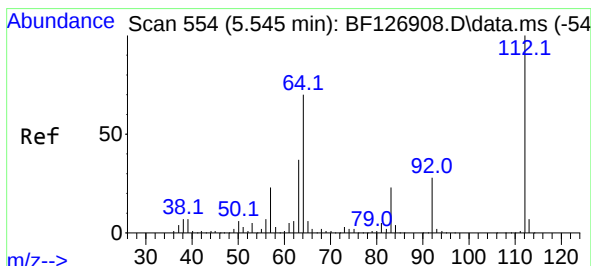
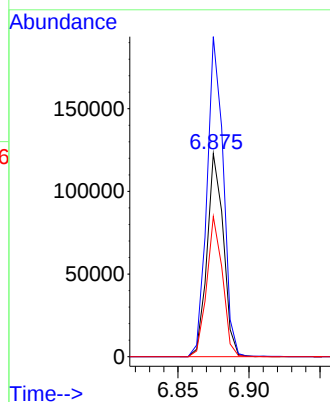
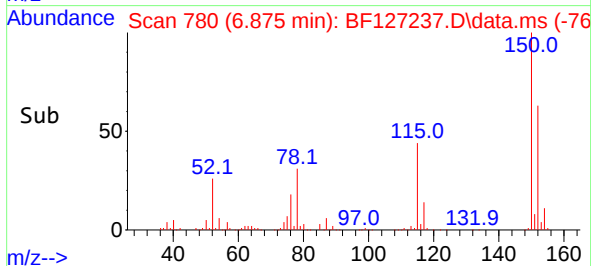


Tgt Ion:152 Resp: 98159
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 69.1 56.7 85.1

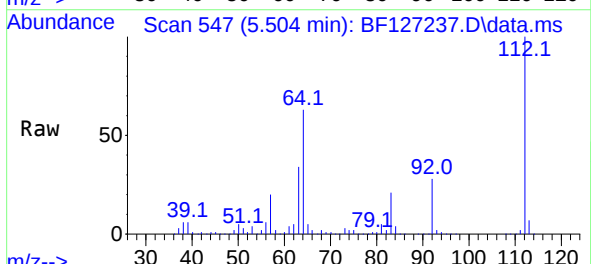
Manual Integrations

APPROVED

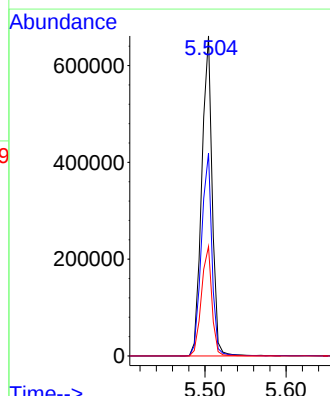
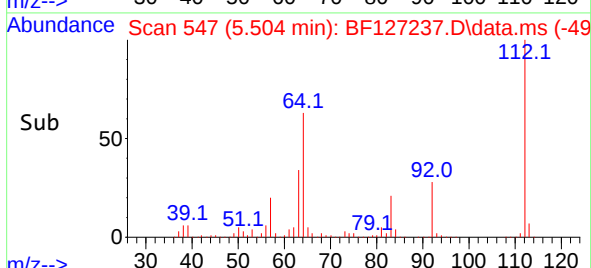
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#5
2-Fluorophenol
Concen: 93.418 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22



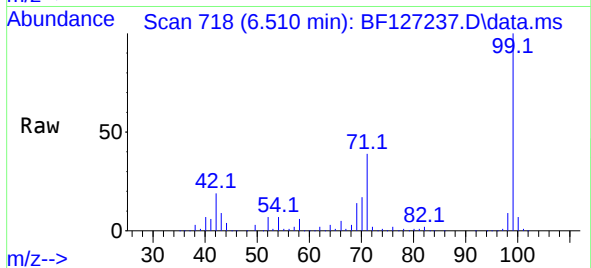
Tgt Ion:112 Resp: 593293
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 34.2 23.9 35.9





#7
Phenol-d6
Concen: 90.276 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

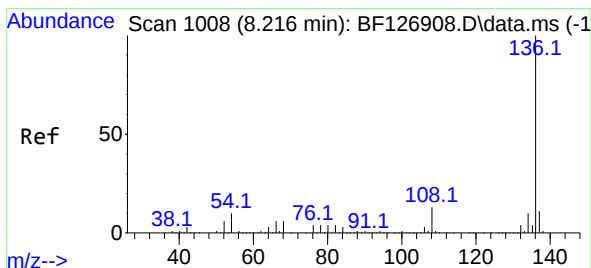
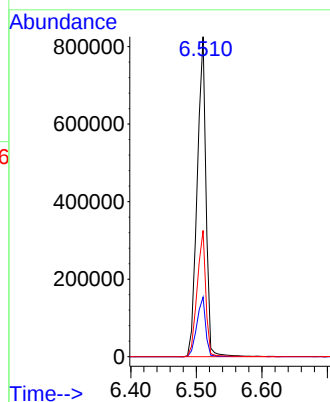
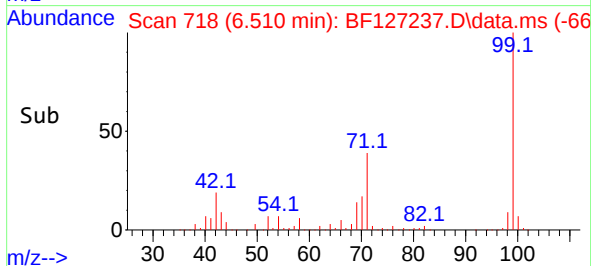
Instrument :
BNA_F
ClientSampleId :
DUM-24



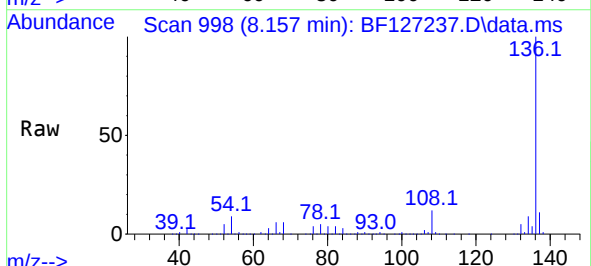
Tgt Ion: 99 Resp: 77364
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 39.4 24.3 36.5

Manual Integrations
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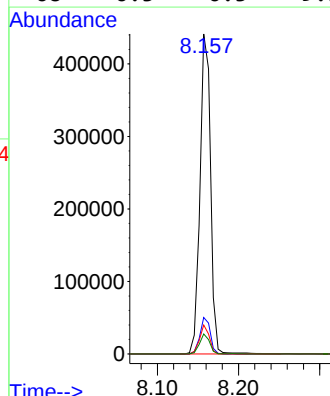
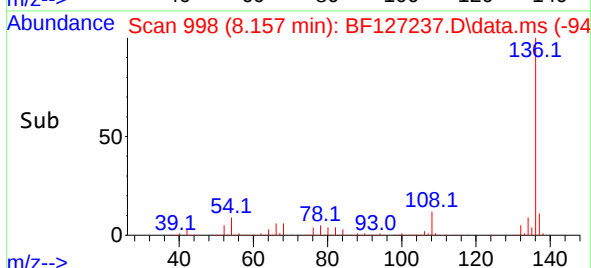
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22



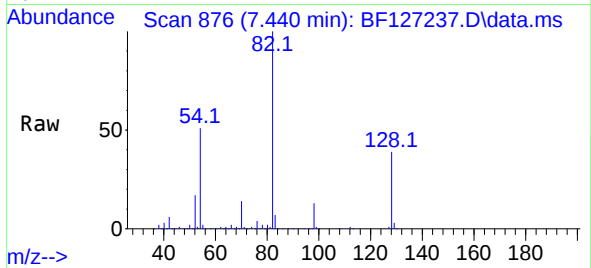
Tgt Ion:136 Resp: 401274
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.1 7.8 11.6
68 6.3 6.3 9.5





#23
Nitrobenzene-d5
Concen: 61.554 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

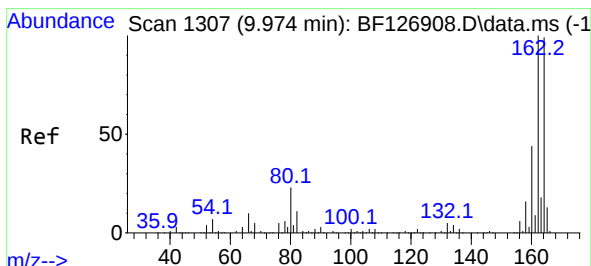
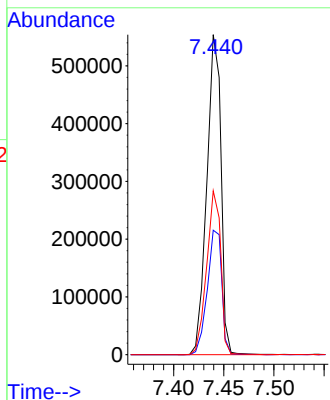
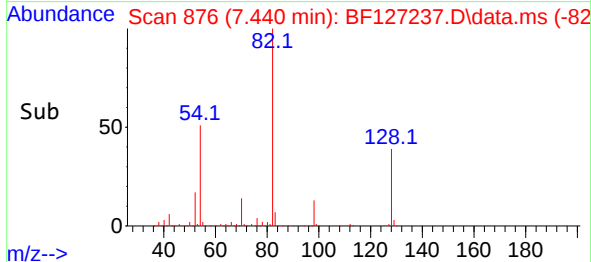
Instrument :
BNA_F
ClientSampleId :
DUM-24



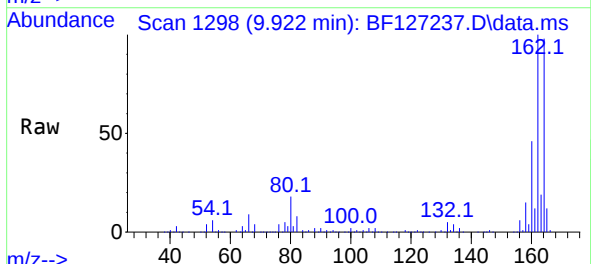
Tgt Ion: 82 Resp: 547210
Ion Ratio Lower Upper
82 100
128 38.9 32.7 49.1
54 51.2 41.7 62.5

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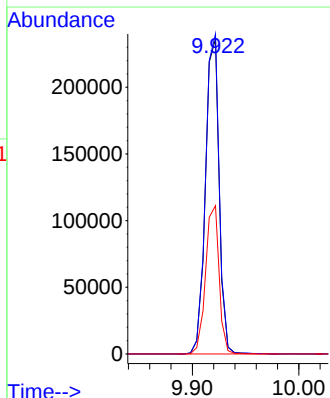
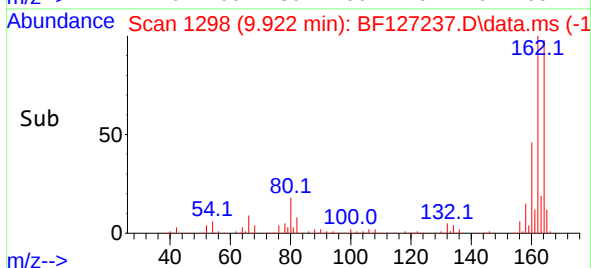
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22



Tgt Ion:164 Resp: 211013
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 47.1 36.6 54.8





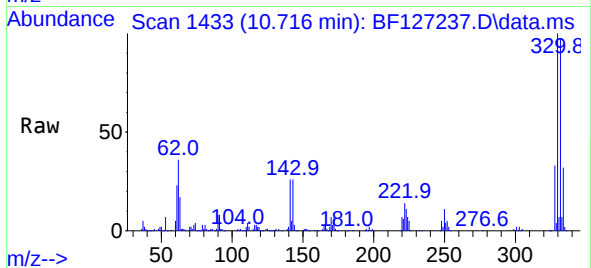
#42
2,4,6-Tribromophenol
Concen: 104.116 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Instrument :

BNA_F

ClientSampleId :

DUM-24

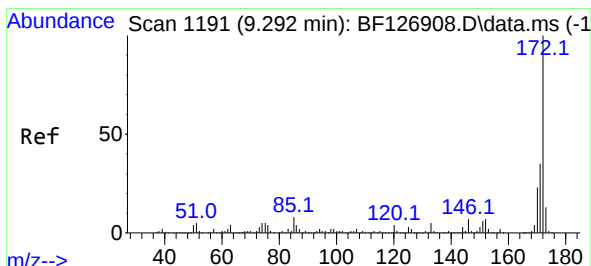
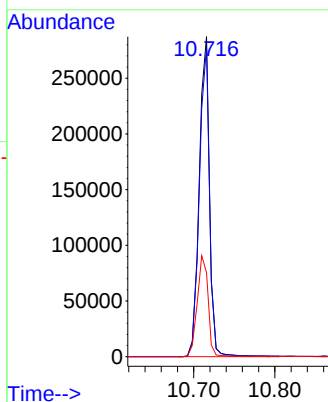
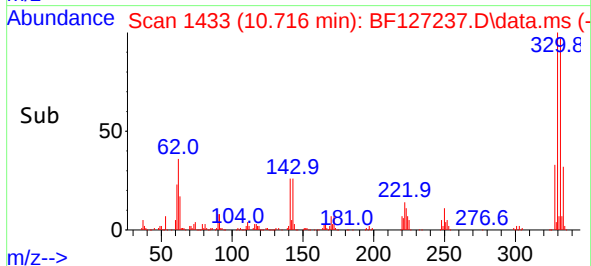


Tgt Ion:330 Resp: 25295
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 33.6 30.1 45.1

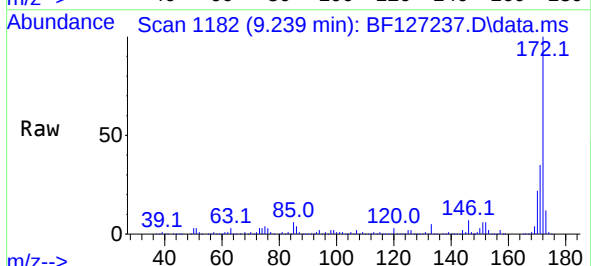
Manual Integrations

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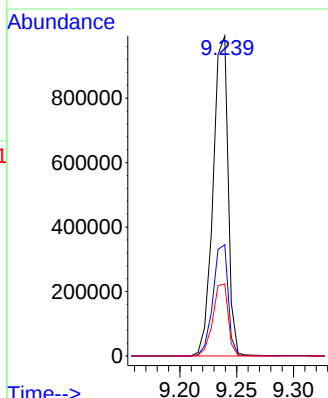
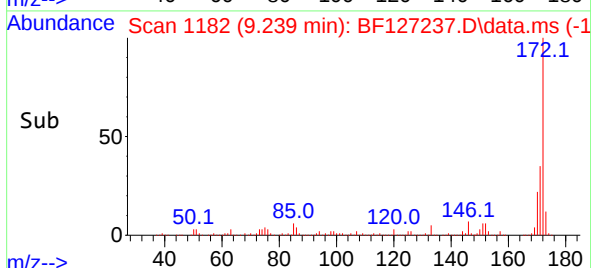
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#45
2-Fluorobiphenyl
Concen: 63.803 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22



Tgt Ion:172 Resp: 914524
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.5 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Instrument :

BNA_F

ClientSampleId :

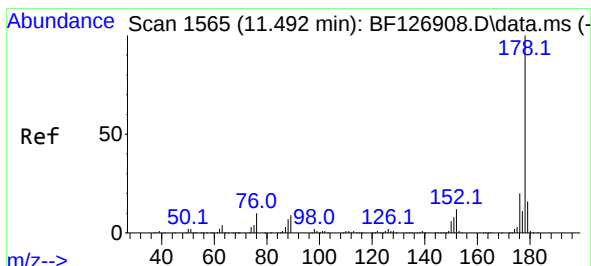
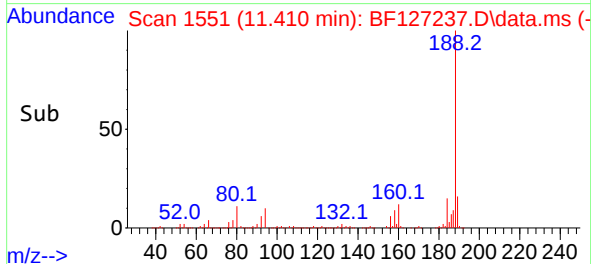
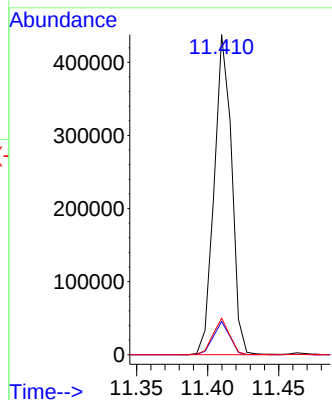
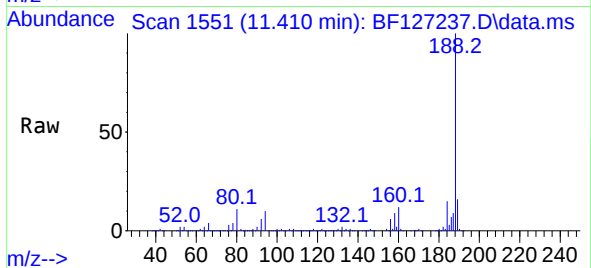
DUM-24

Tgt Ion:188 Resp: 37308
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.4 11.8 17.6

Manual Integrations

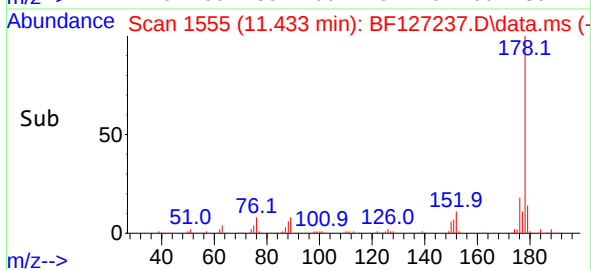
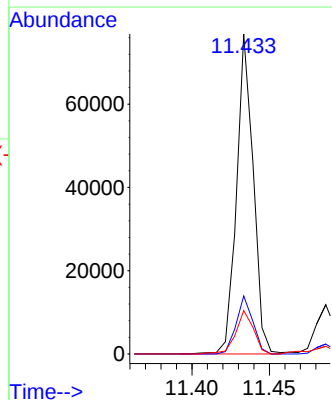
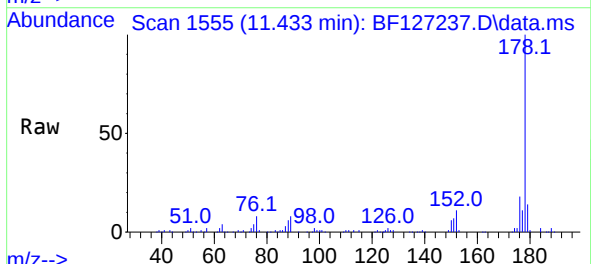
APPROVED

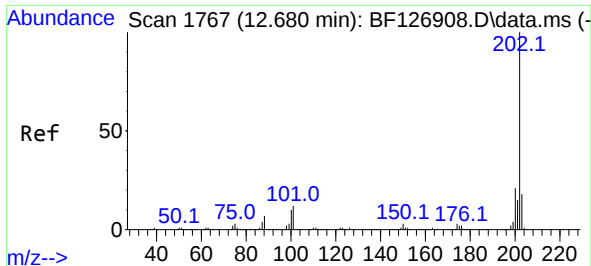
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#71
Phenanthrene
Concen: 2.753 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

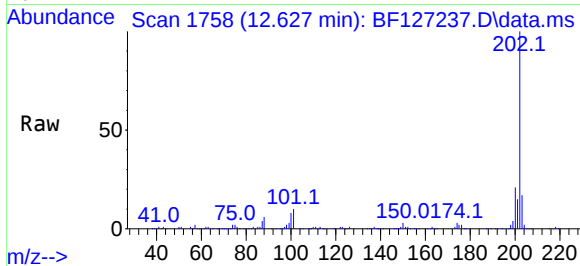
Tgt Ion:178 Resp: 57489
Ion Ratio Lower Upper
178 100
176 18.1 15.7 23.5
179 13.6 12.3 18.5





#75
Fluoranthene
Concen: 4.929 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

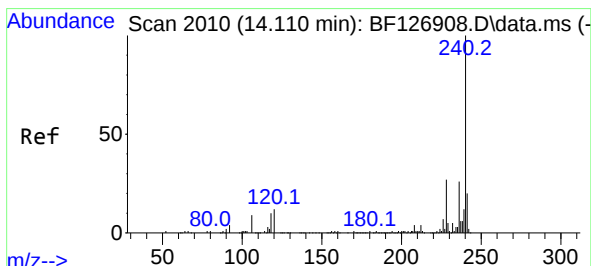
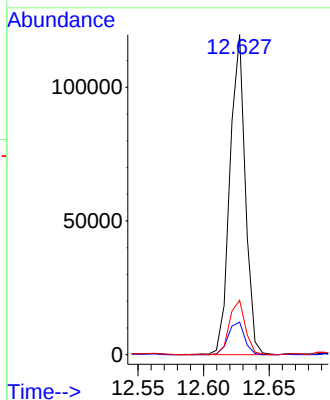
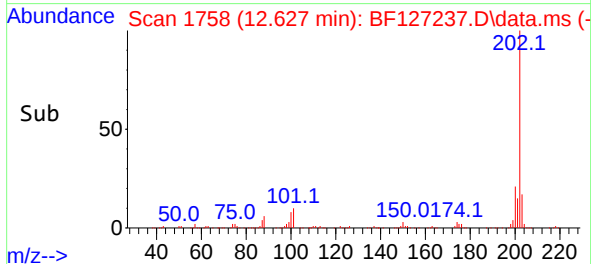
Instrument :
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DUM-24



Tgt Ion:202 Resp: 97732
Ion Ratio Lower Upper
202 100
101 10.1 0.0 35.7
203 17.0 0.0 37.1

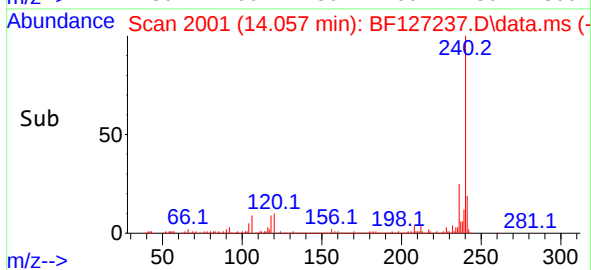
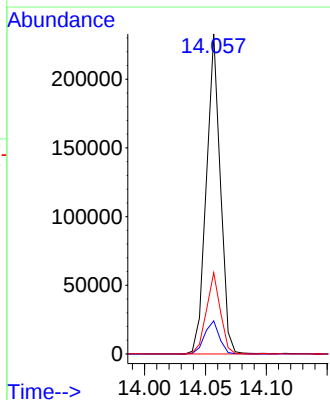
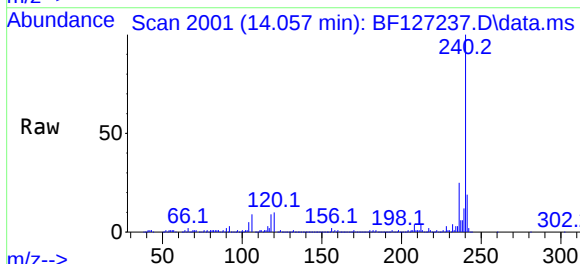
Manual Integrations
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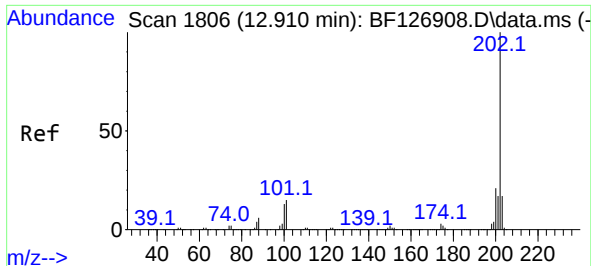
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

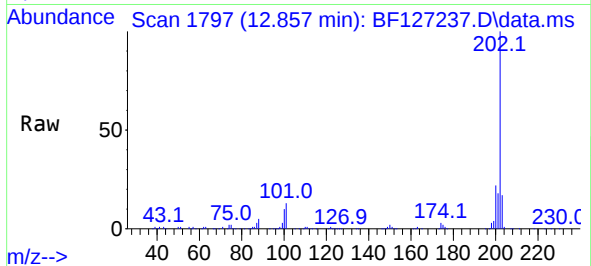
Tgt Ion:240 Resp: 185952
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.4 20.5 30.7





#78
Pyrene
Concen: 5.036 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

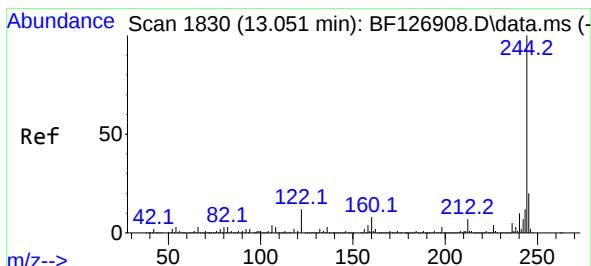
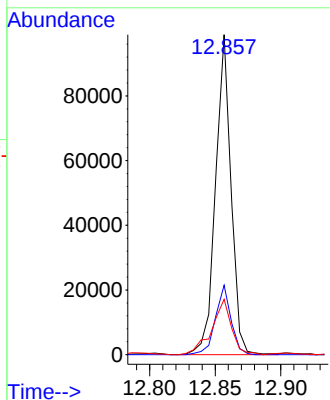
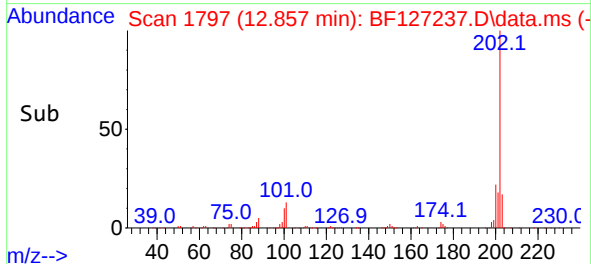
Instrument :
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DUM-24



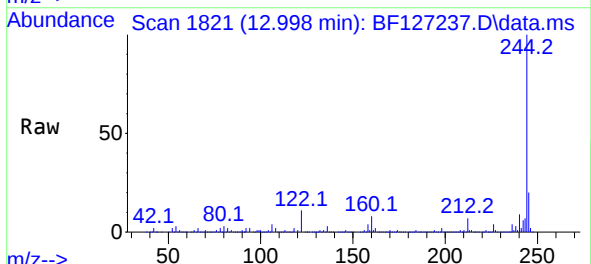
Tgt Ion:202 Resp: 8136
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 17.3 13.8 20.8

Manual Integrations
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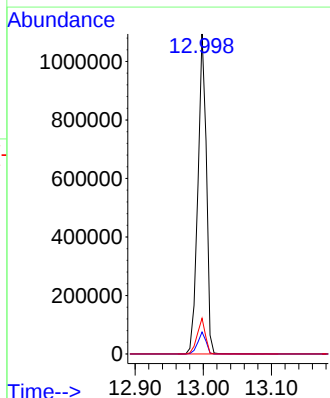
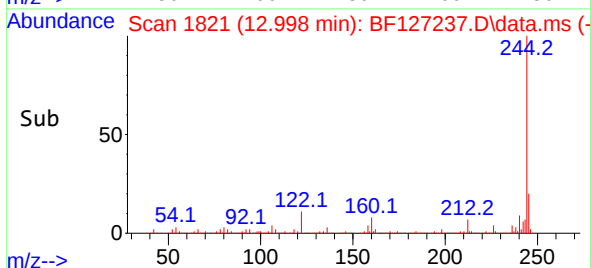
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

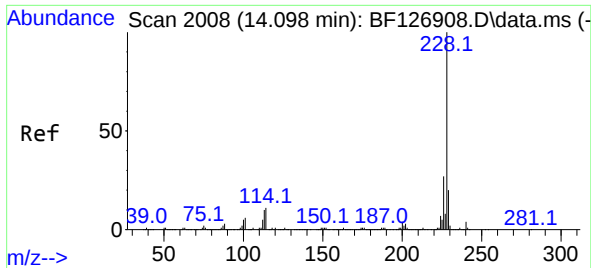


#79
Terphenyl-d14
Concen: 74.432 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22



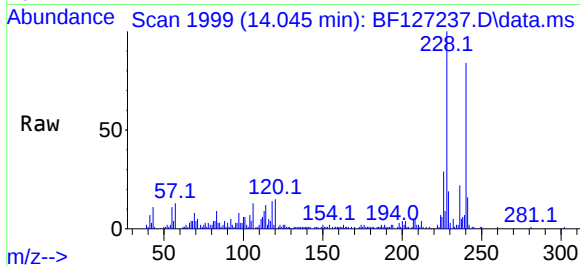
Tgt Ion:244 Resp: 941524
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.1 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.405 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

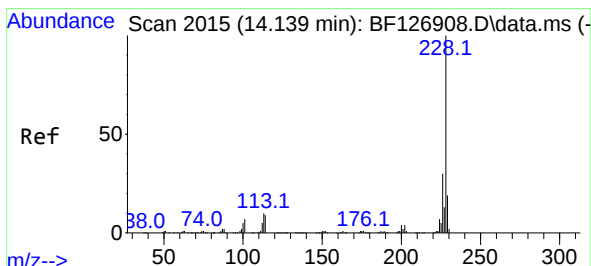
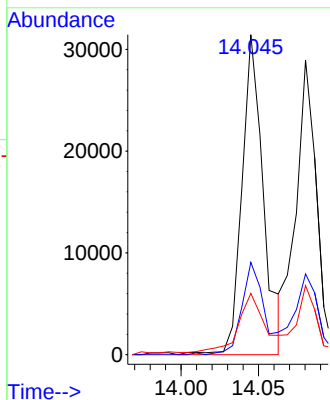
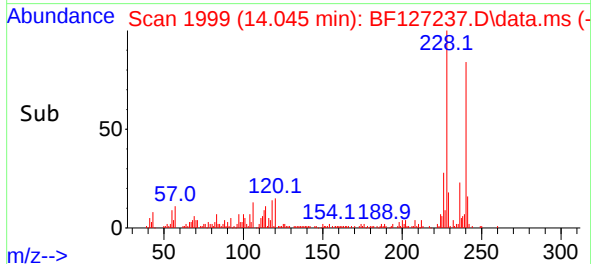
Instrument :
BNA_F
ClientSampleId :
DUM-24



Tgt Ion:228 Resp: 30150
Ion Ratio Lower Upper
228 100
226 28.8 21.4 32.0
229 19.1 15.4 23.2

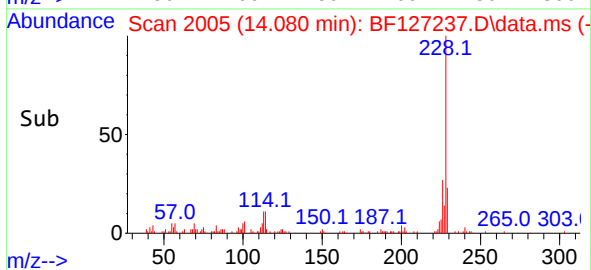
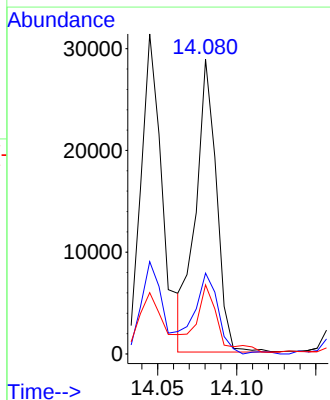
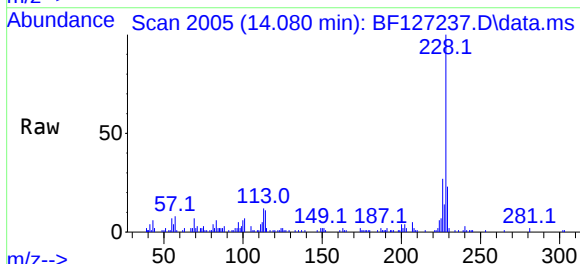
Manual Integrations
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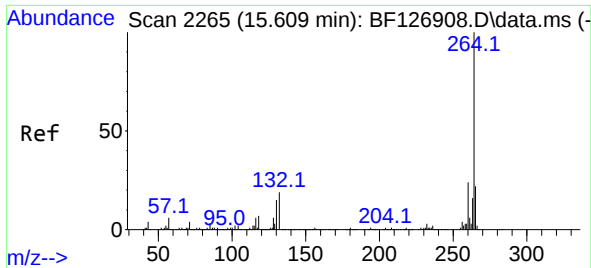
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#83
Chrysene
Concen: 2.243 ng m
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

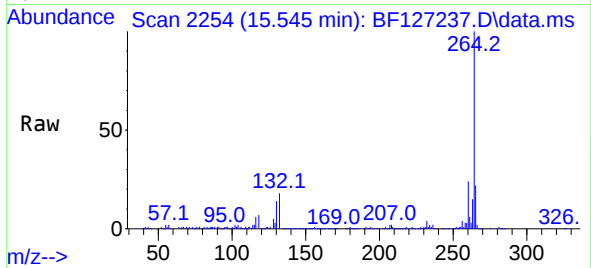
Tgt Ion:228 Resp: 26441
Ion Ratio Lower Upper
228 100
226 27.4 23.7 35.5
229 23.4 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

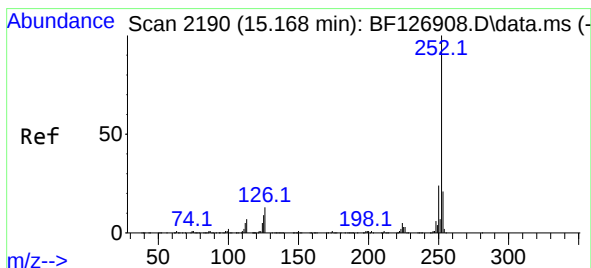
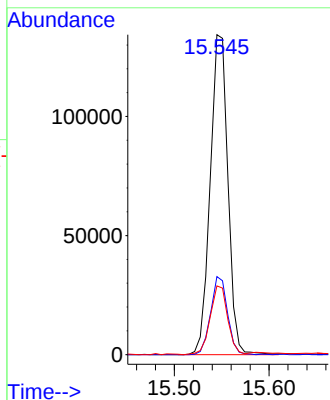
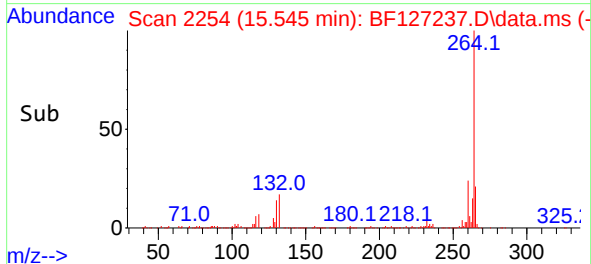
Instrument :
BNA_F
ClientSampleId :
DUM-24



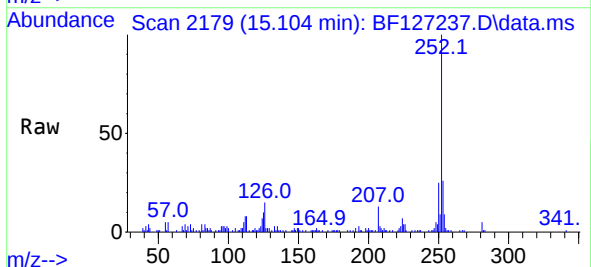
Tgt Ion:264 Resp: 17424
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.5 17.4 26.2

Manual Integrations
APPROVED

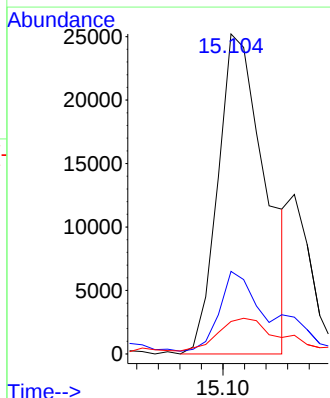
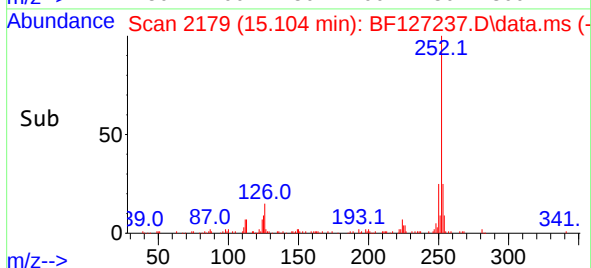
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

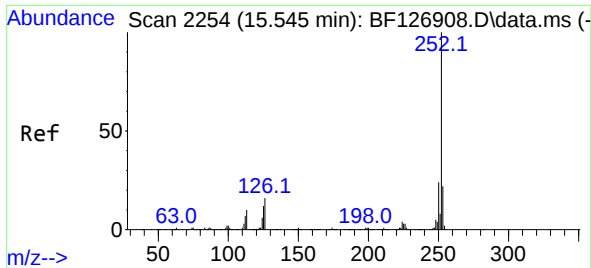


#88
Benzo(b)fluoranthene
Concen: 3.281 ng m
RT: 15.104 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22



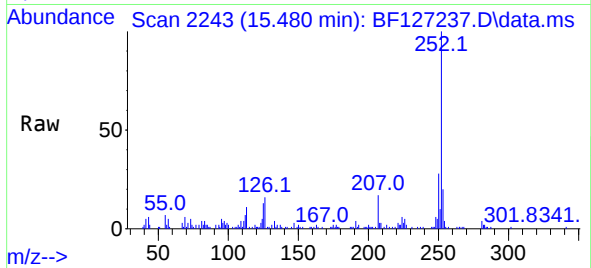
Tgt Ion:252 Resp: 38402
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.8
125 10.2 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 2.828 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Instrument :
BNA_F
ClientSampleId :
DUM-24



Tgt Ion:252 Resp: 25849
Ion Ratio Lower Upper
252 100
253 19.7 17.1 25.7
125 13.2 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

