

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127239.D
 Acq On : 08 Mar 2022 00:21
 Operator : CG\JU
 Sample : N1802-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342

Manual Integrations
 APPROVED

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

Quant Time: Mar 08 01:55:39 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	108337	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	449751	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	221517	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356494	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	172503	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	196559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	656200	93.616	ng	0.00
7) Phenol-d6	6.510	99	875804	92.596	ng	0.00
23) Nitrobenzene-d5	7.445	82	610762	61.296	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	256450	100.550	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	960693	63.846	ng	0.00
79) Terphenyl-d14	12.998	244	787384	67.099	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	174188	8.730	ng	99
75) Fluoranthene	12.628	202	243722	12.864	ng	95
78) Pyrene	12.857	202	230932	15.409	ng	98
81) Benzo(a)anthracene	14.045	228	94293	8.108	ng	96
83) Chrysene	14.086	228	94695m	8.659	ng	
87) Indeno(1,2,3-cd)pyrene	17.057	276	64044	4.969	ng	# 85
88) Benzo(b)fluoranthene	15.110	252	134385m	10.179	ng	
89) Benzo(k)fluoranthene	15.139	252	45274m	3.556	ng	
90) Benzo(a)pyrene	15.486	252	97326m	9.438	ng	
92) Benzo(g,h,i)perylene	17.515	276	65352m	6.219	ng	

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

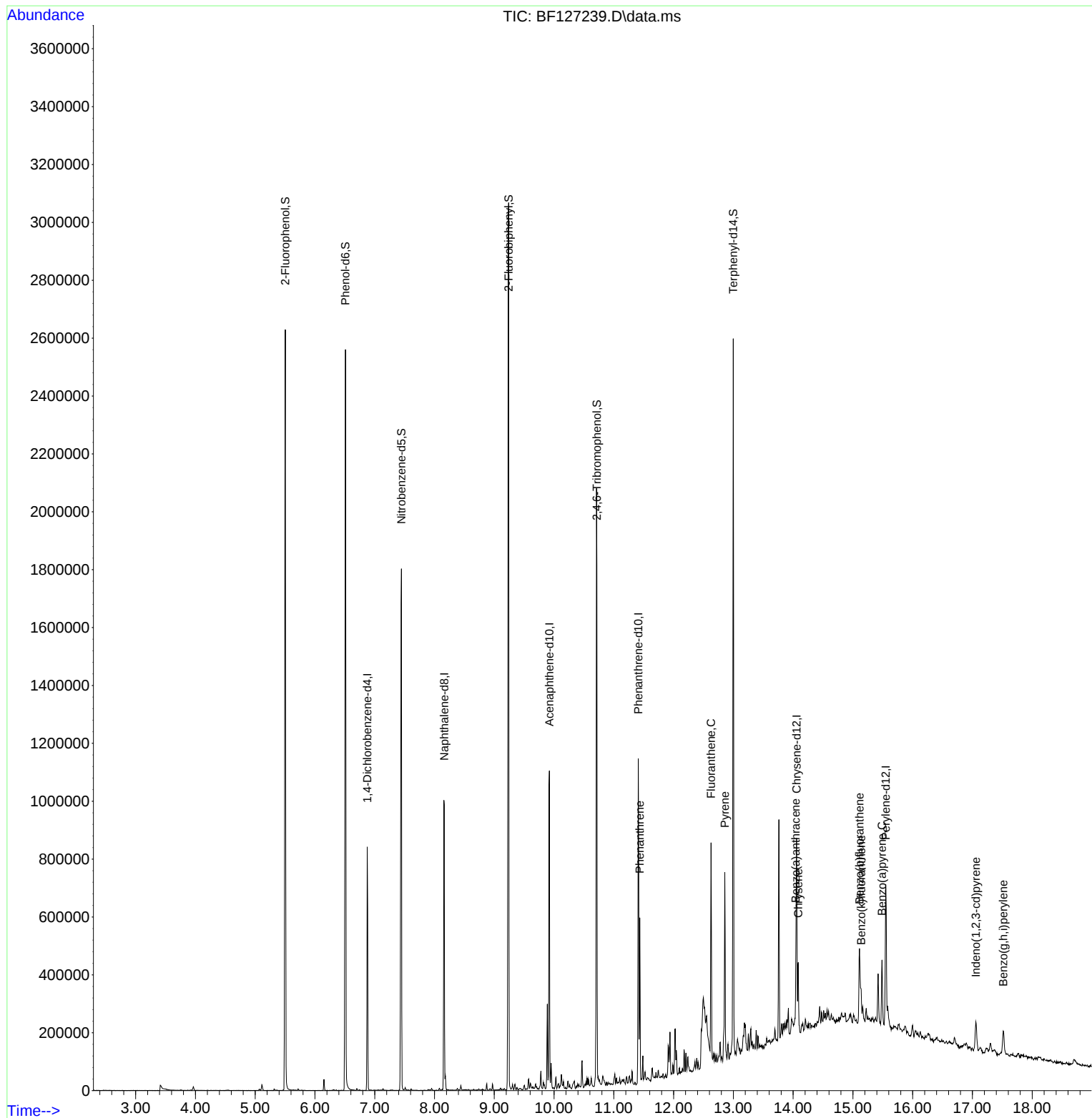
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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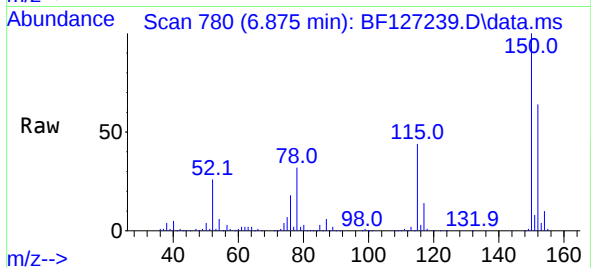
Quant Time: Mar 08 01:55:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

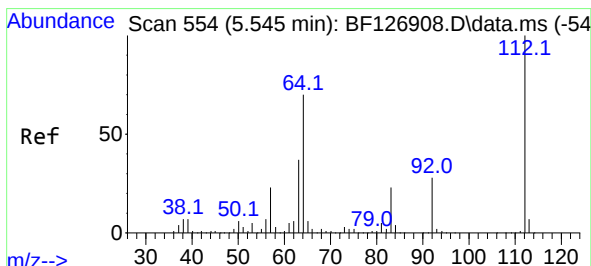
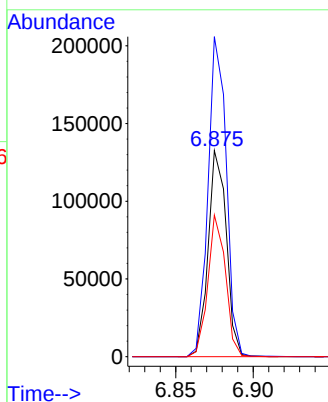
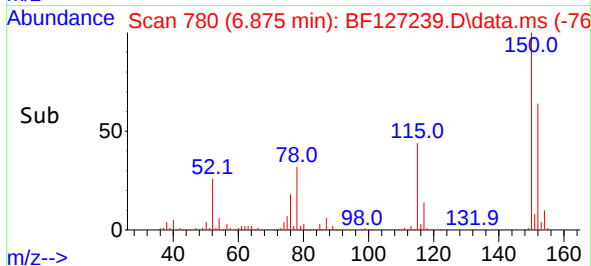
Instrument :
BNA_F
ClientSampleId :
342



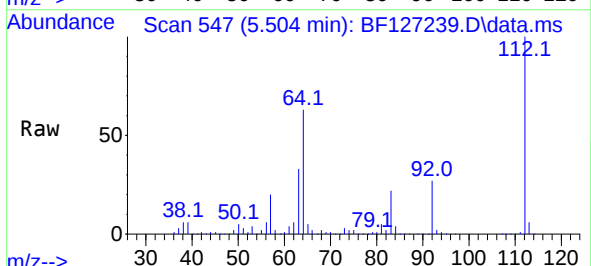
Tgt Ion:152 Resp: 10833
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 68.7 56.7 85.1

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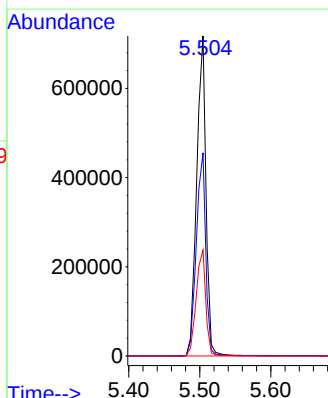
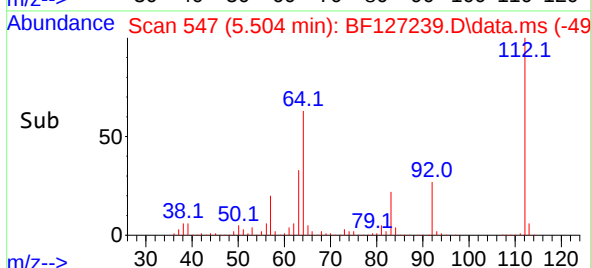
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

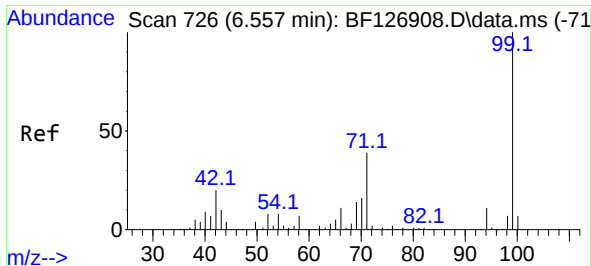


#5
2-Fluorophenol
Concen: 93.616 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21



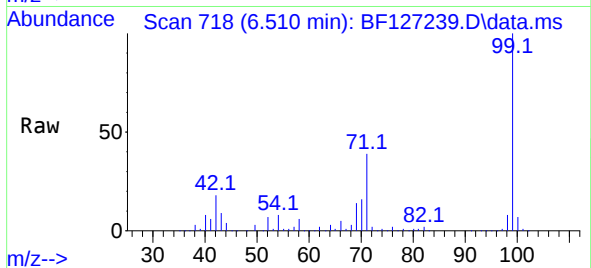
Tgt Ion:112 Resp: 656200
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 33.1 23.9 35.9





#7
Phenol-d6
Concen: 92.596 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

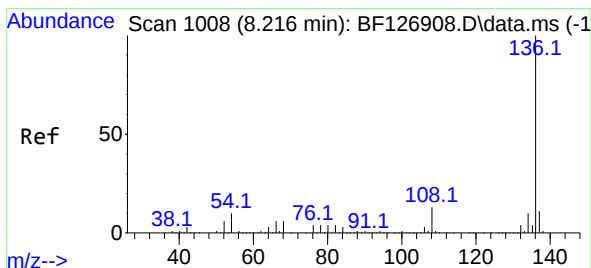
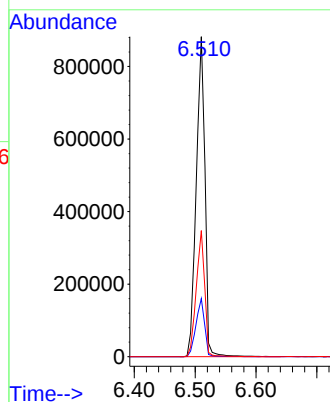
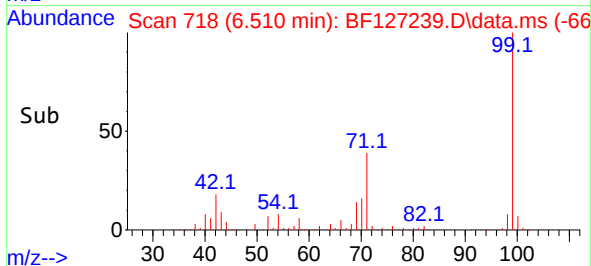
Instrument :
BNA_F
ClientSampleId :
342



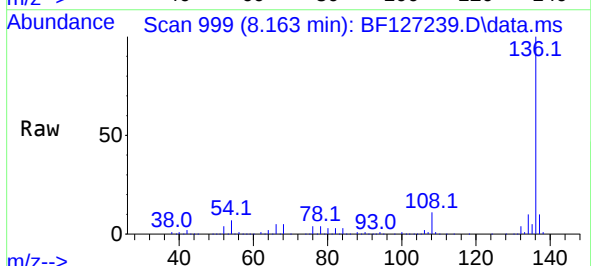
Tgt Ion: 99 Resp: 875804
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 39.4 24.3 36.5

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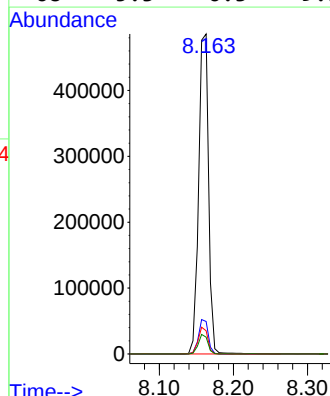
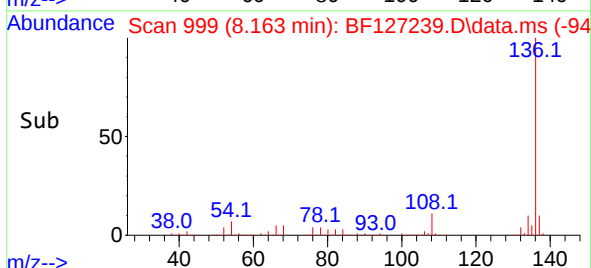
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21



Tgt Ion:136 Resp: 449751
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.2 7.8 11.6#
68 5.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 61.296 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127239.D

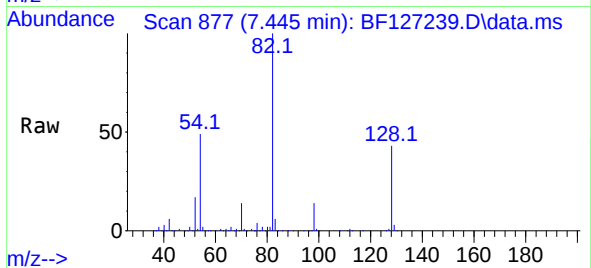
Acq: 08 Mar 2022 00:21

Instrument :

BNA_F

ClientSampleId :

342



Tgt Ion: 82 Resp: 610762

Ion Ratio Lower Upper

82 100

128 42.9 32.7 49.1

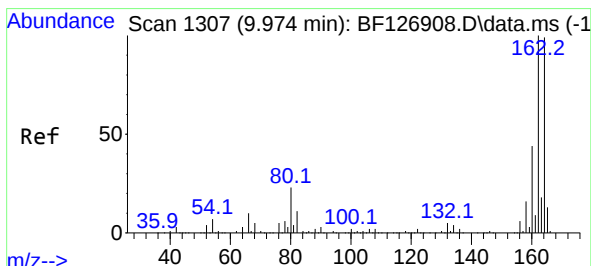
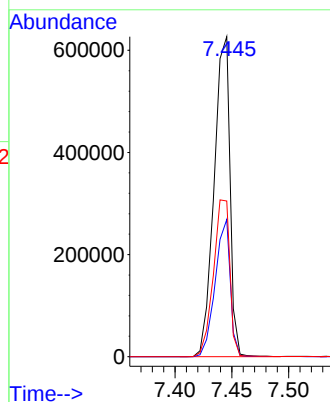
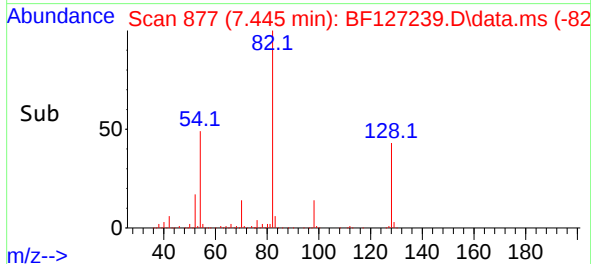
54 48.6 41.7 62.5

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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: BF127239.D

Acq: 08 Mar 2022 00:21

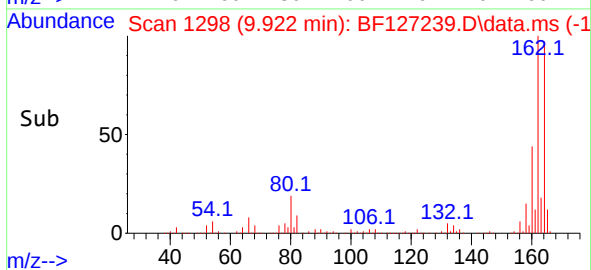
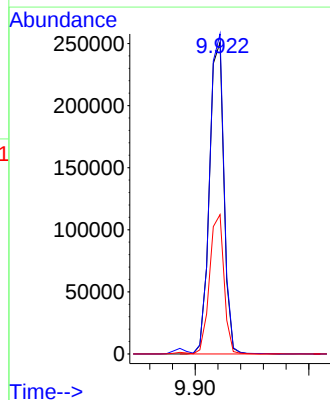
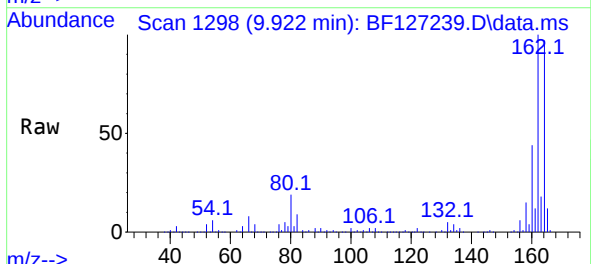
Tgt Ion:164 Resp: 221517

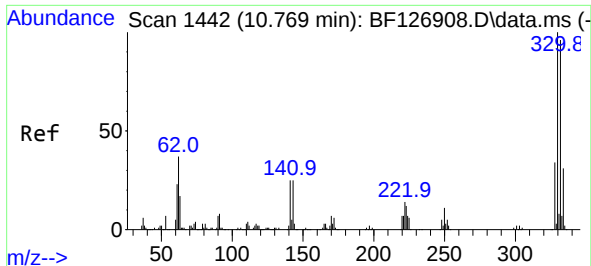
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

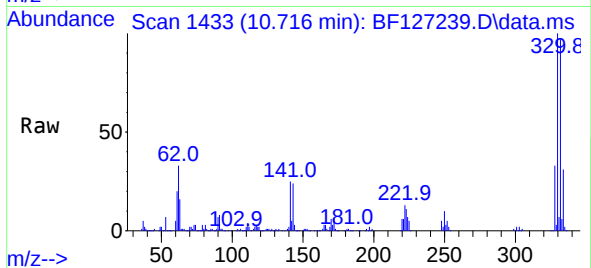
160 44.8 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 100.550 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

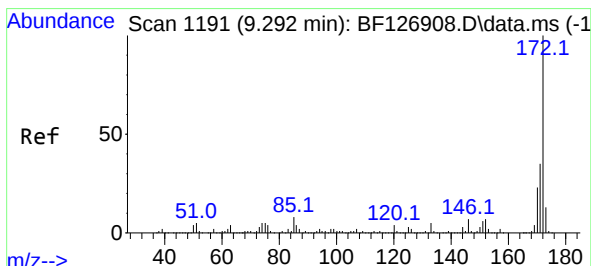
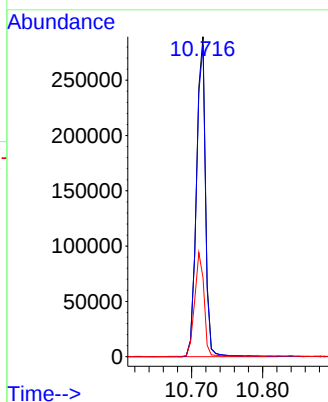
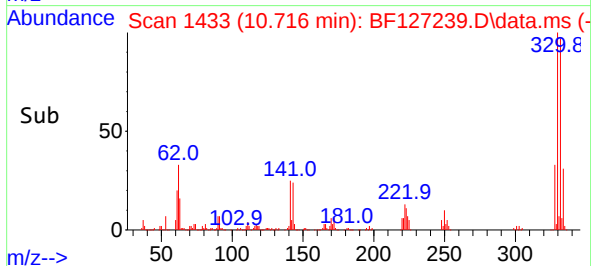
Instrument :
BNA_F
ClientSampleId :
342



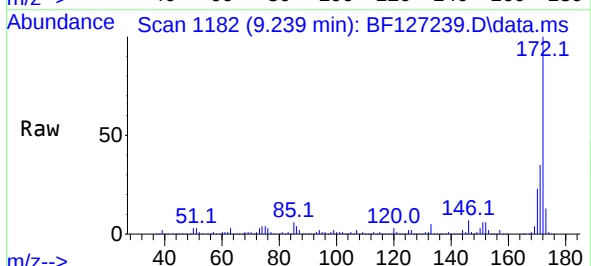
Tgt Ion:330 Resp: 256450
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 34.3 30.1 45.1

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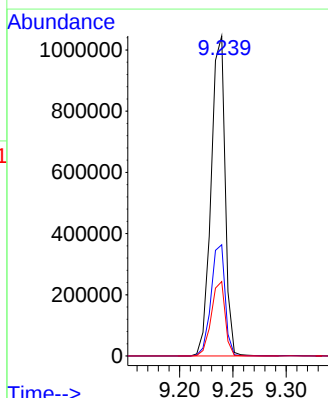
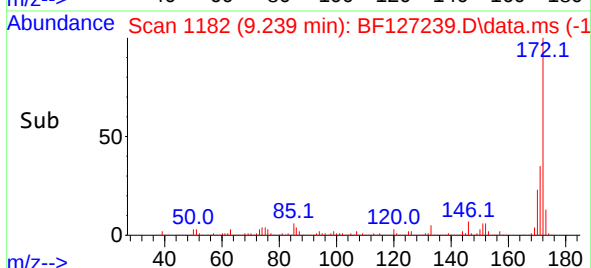
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#45
2-Fluorobiphenyl
Concen: 63.846 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21



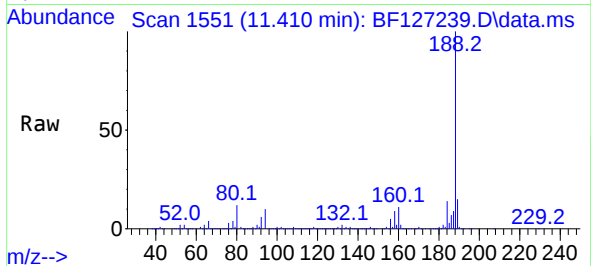
Tgt Ion:172 Resp: 960693
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

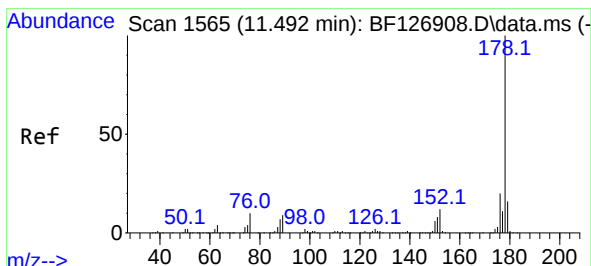
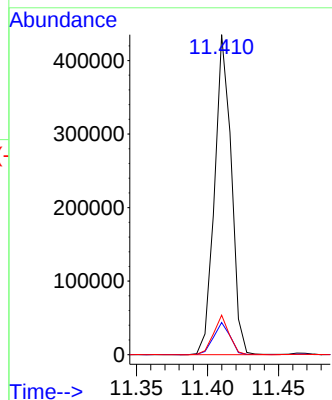
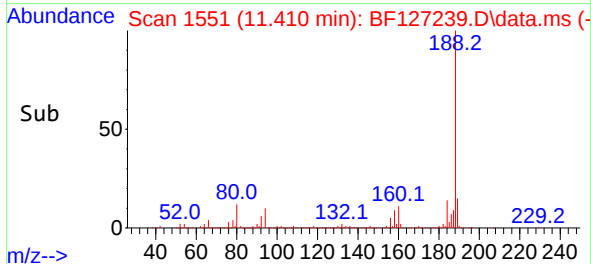
Instrument :
BNA_F
ClientSampleId :
342



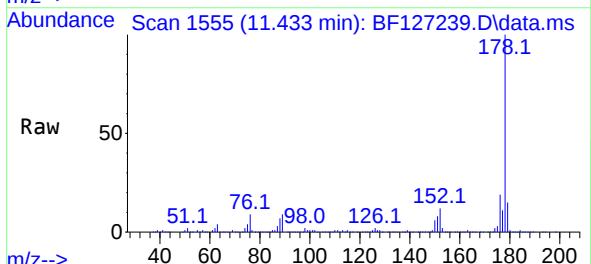
Tgt Ion:188 Resp: 356494
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1
80 12.4 11.8 17.6

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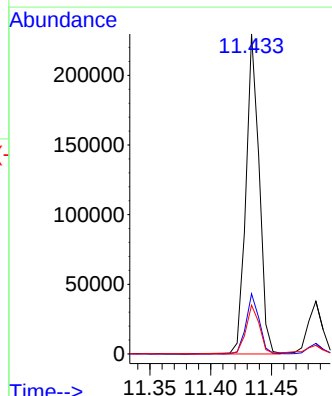
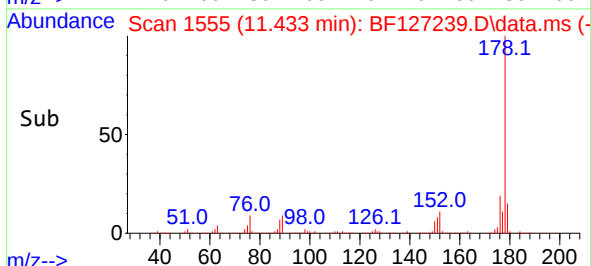
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

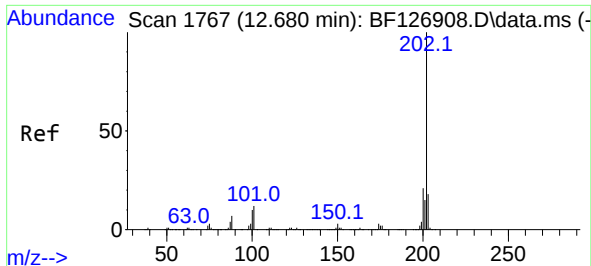


#71
Phenanthrene
Concen: 8.730 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21



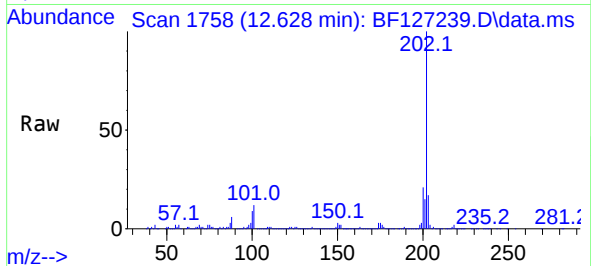
Tgt Ion:178 Resp: 174188
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.3 12.3 18.5





#75
Fluoranthene
Concen: 12.864 ng
RT: 12.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

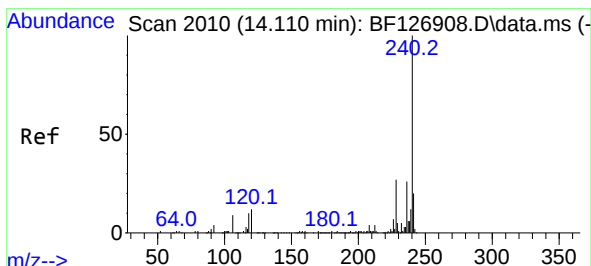
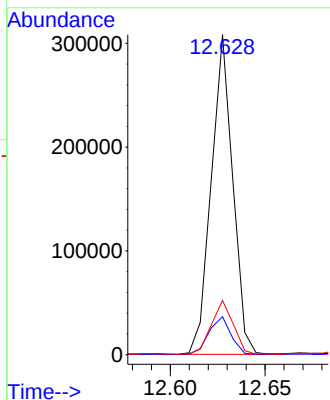
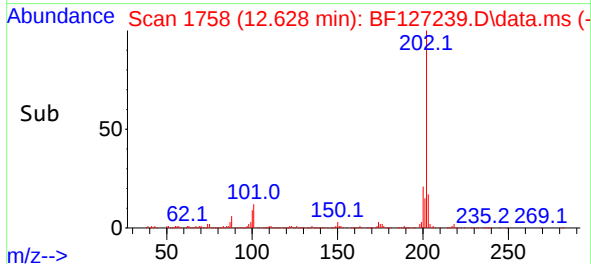
Instrument :
BNA_F
ClientSampleId :
342



Tgt Ion:202 Resp: 24372
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.7
203 16.9 0.0 37.1

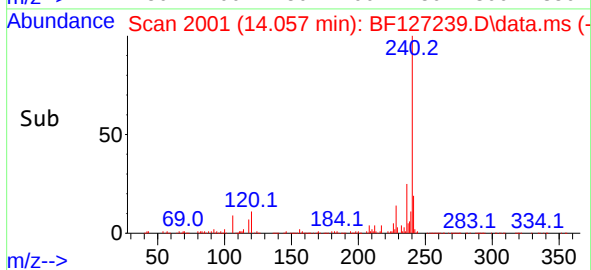
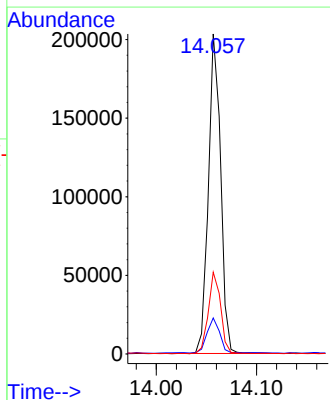
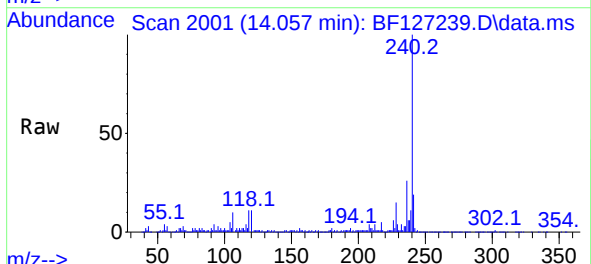
Manual Integrations
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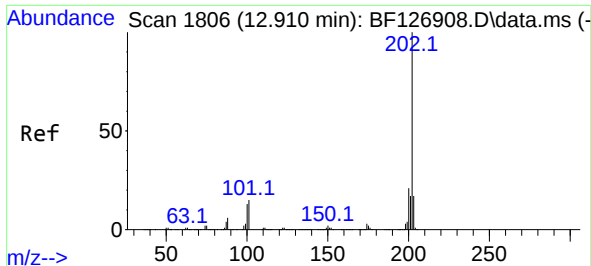
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

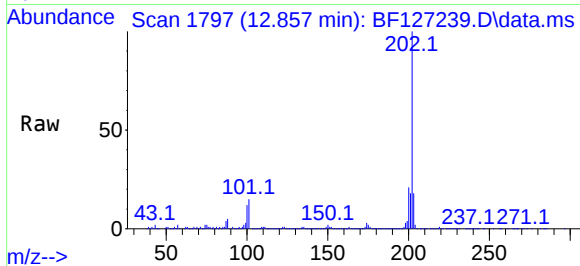
Tgt Ion:240 Resp: 172503
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6#
236 25.6 20.5 30.7





#78
Pyrene
Concen: 15.409 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

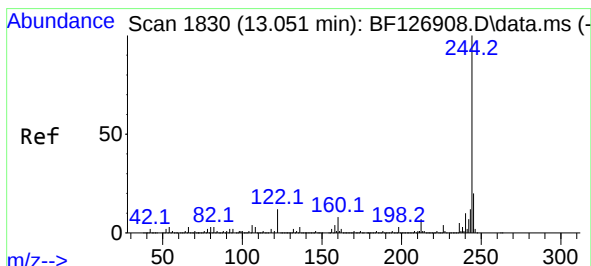
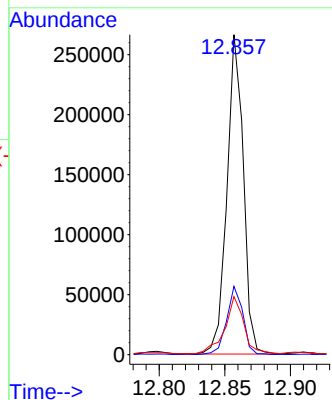
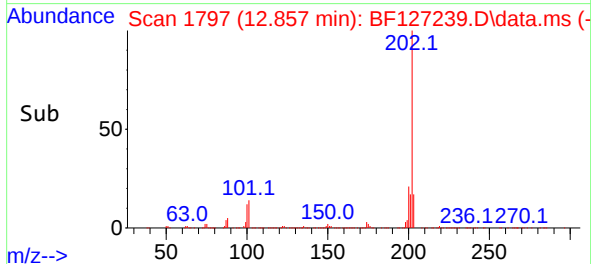
Instrument :
BNA_F
ClientSampleId :
342



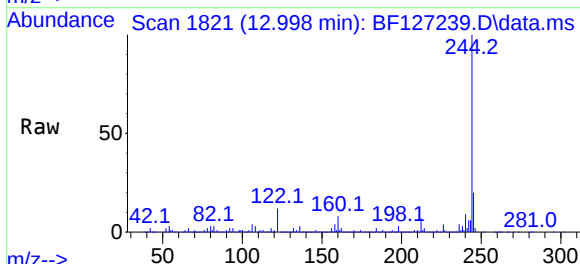
Tgt Ion:202 Resp: 23093
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 18.2 13.8 20.8

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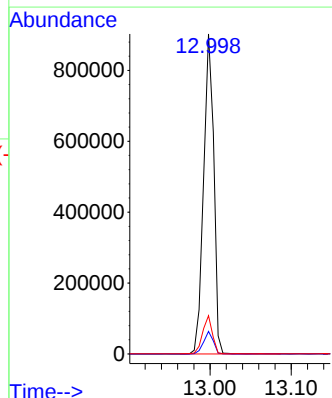
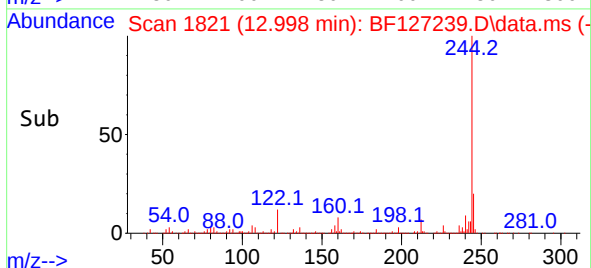
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

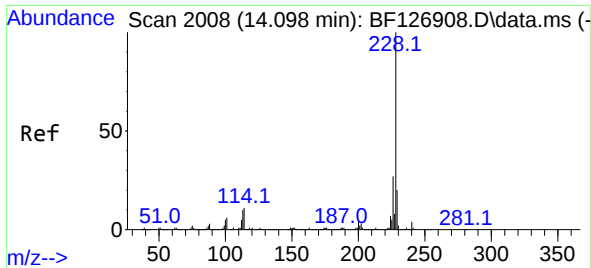


#79
Terphenyl-d14
Concen: 67.099 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21



Tgt Ion:244 Resp: 787384
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.9 13.3 19.9#





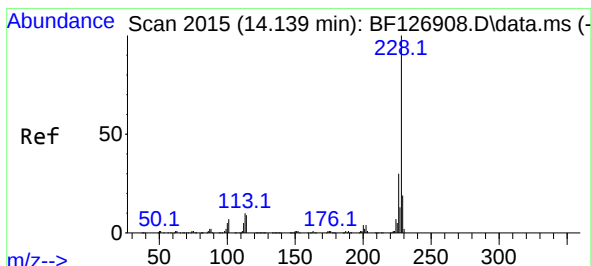
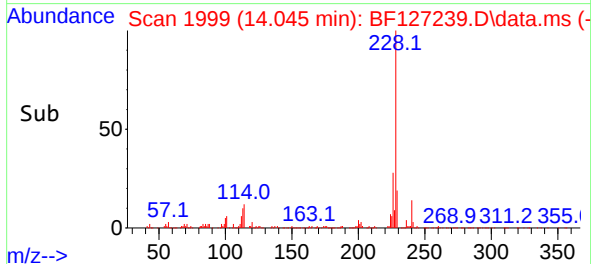
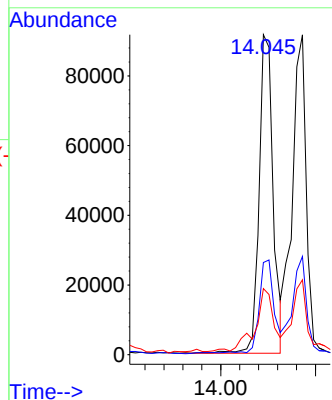
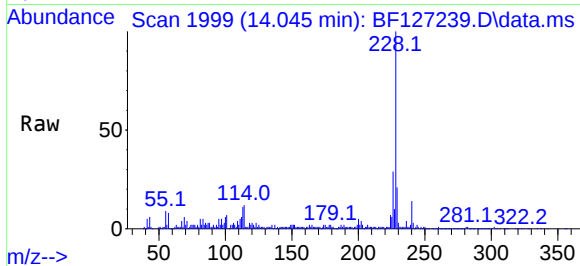
#81
Benzo(a)anthracene
Concen: 8.108 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Instrument :
BNA_F
ClientSampleId :
342

Tgt Ion:228 Resp: 9429
Ion Ratio Lower Upper
228 100
226 28.8 21.4 32.0
229 20.7 15.4 23.2

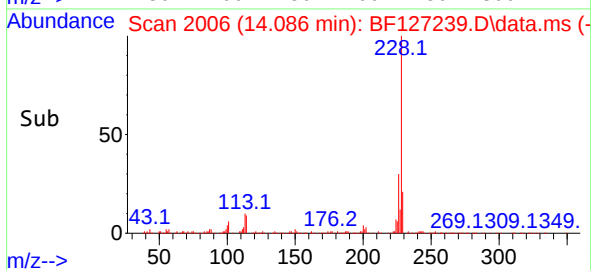
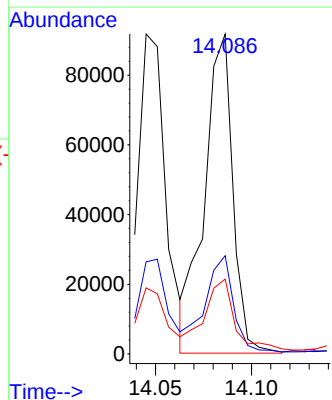
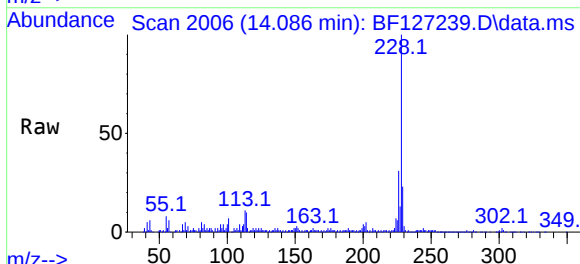
Manual Integrations
APPROVED

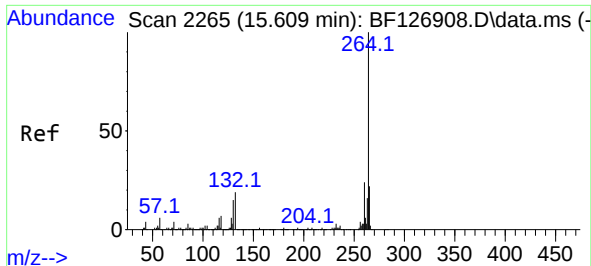
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#83
Chrysene
Concen: 8.659 ng m
RT: 14.086 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

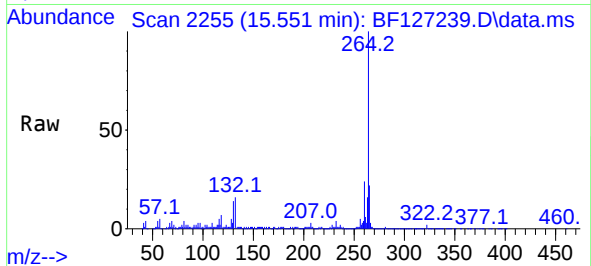
Tgt Ion:228 Resp: 94695
Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 23.4 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

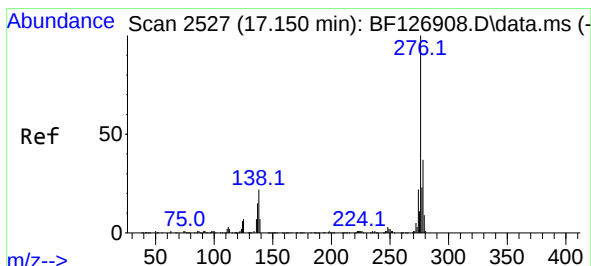
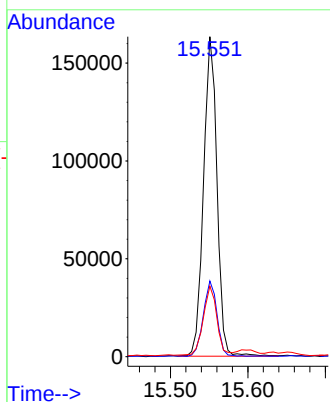
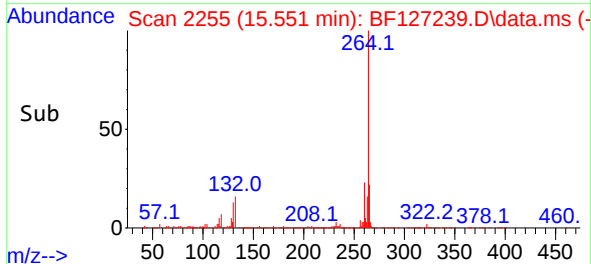
Instrument :
BNA_F
ClientSampleId :
342



Tgt Ion:264 Resp: 19655
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.1 17.4 26.2

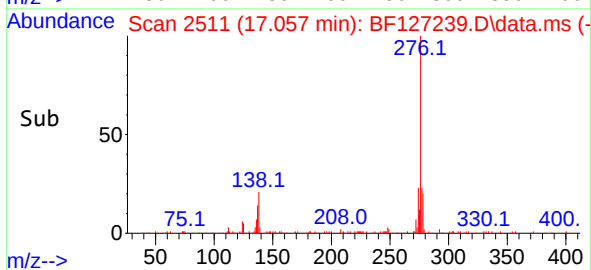
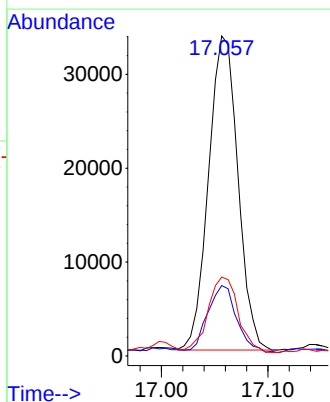
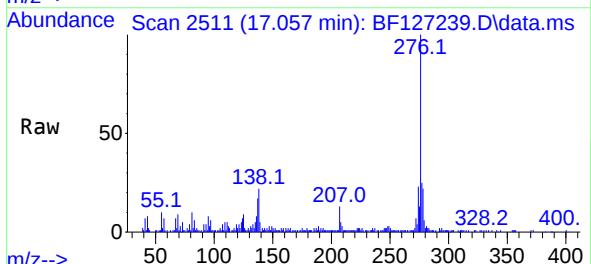
Manual Integrations
APPROVED

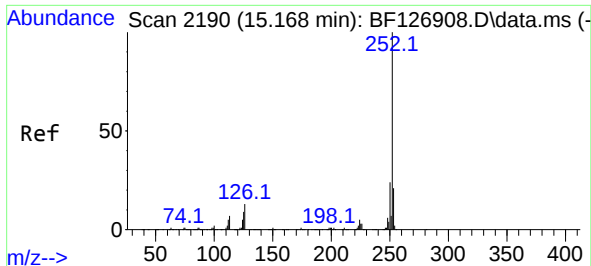
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.969 ng
RT: 17.057 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

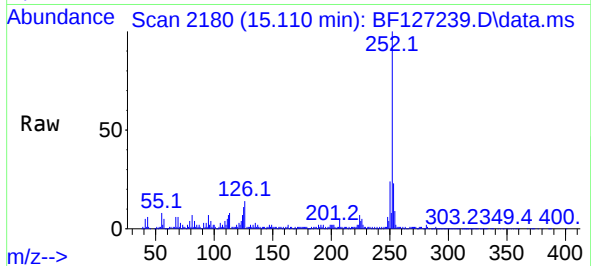
Tgt Ion:276 Resp: 64044
Ion Ratio Lower Upper
276 100
138 21.3 29.2 43.8#
277 24.6 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 10.179 ng m
RT: 15.110 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

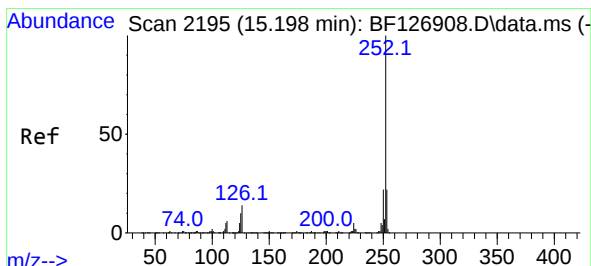
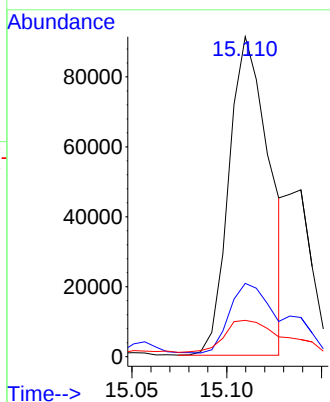
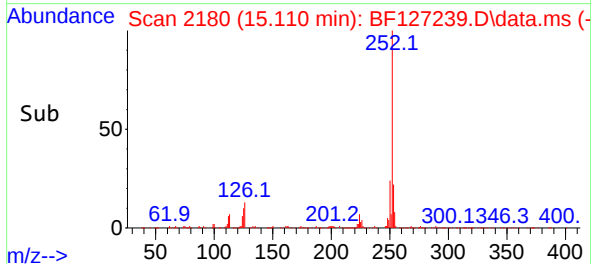
Instrument :
BNA_F
ClientSampleId :
342



Tgt Ion:252 Resp: 13438
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.3 12.4 18.6

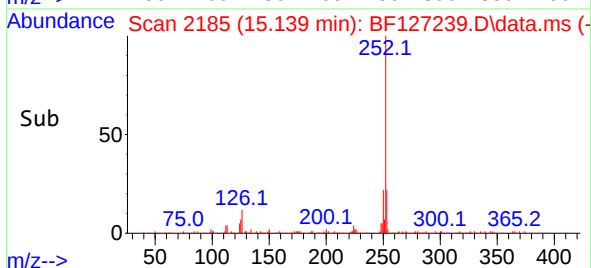
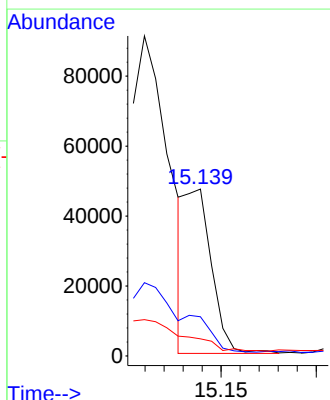
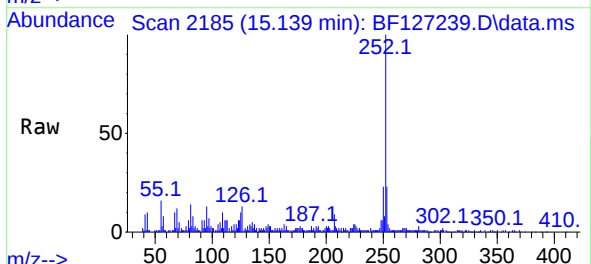
Manual Integrations
APPROVED

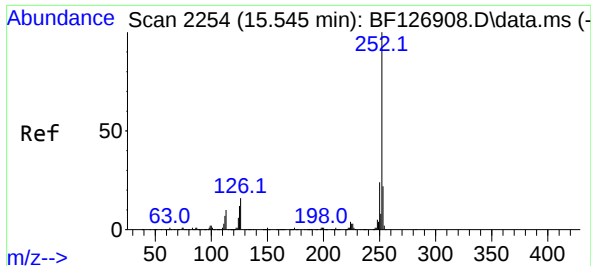
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#89
Benzo(k)fluoranthene
Concen: 3.556 ng m
RT: 15.139 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

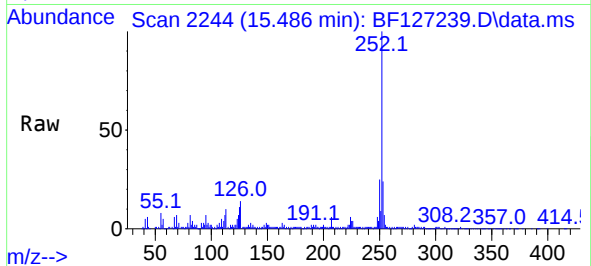
Tgt Ion:252 Resp: 45274
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.3 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 9.438 ng m
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

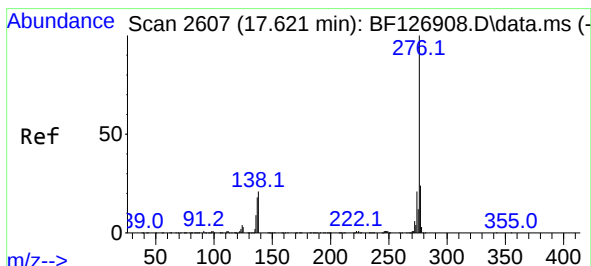
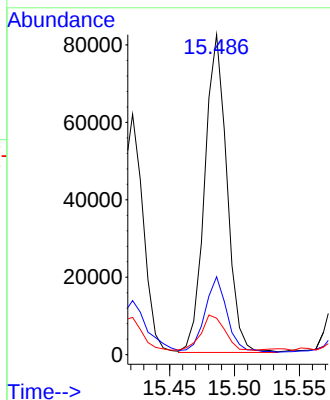
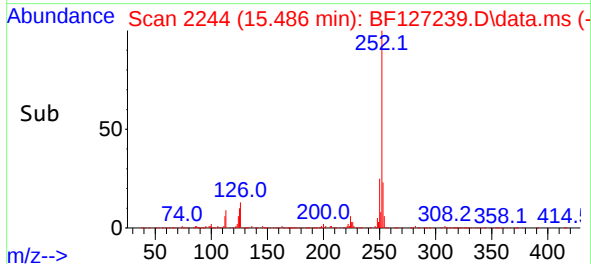
Instrument :
BNA_F
ClientSampleId :
342



Tgt Ion:252 Resp: 97320
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 11.4 13.0 19.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 6.219 ng m
RT: 17.515 min Scan# 2589
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion:276 Resp: 65352
Ion Ratio Lower Upper
276 100
277 24.7 18.5 27.7
138 20.0 25.9 38.9

