

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127240.D
 Acq On : 08 Mar 2022 00:50
 Operator : CG\JU
 Sample : N1806-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-22

Quant Time: Mar 08 01:55:48 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	95050	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	391710	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	199451	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	319862	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	158590	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	173151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	578101	94.003	ng	0.00
7) Phenol-d6	6.510	99	758402	91.393	ng	0.00
23) Nitrobenzene-d5	7.445	82	531672	61.265	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	226144	98.477	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	897357	66.234	ng	0.00
79) Terphenyl-d14	12.998	244	723829	67.095	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	47614	2.660	ng	98
75) Fluoranthene	12.627	202	97716	5.748	ng	93
78) Pyrene	12.857	202	78090	5.668	ng	98
81) Benzo(a)anthracene	14.045	228	37335	3.492	ng	94
83) Chrysene	14.080	228	36781	3.658	ng	96
84) Bis(2-ethylhexyl)phtha...	14.021	149	18457	2.155	ng	# 88
87) Indeno(1,2,3-cd)pyrene	17.051	276	23516	2.071	ng	# 82
88) Benzo(b)fluoranthene	15.110	252	59200m	5.091	ng	
90) Benzo(a)pyrene	15.480	252	38044	4.188	ng	97
92) Benzo(g,h,i)perylene	17.509	276	23383	2.526	ng	# 82

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

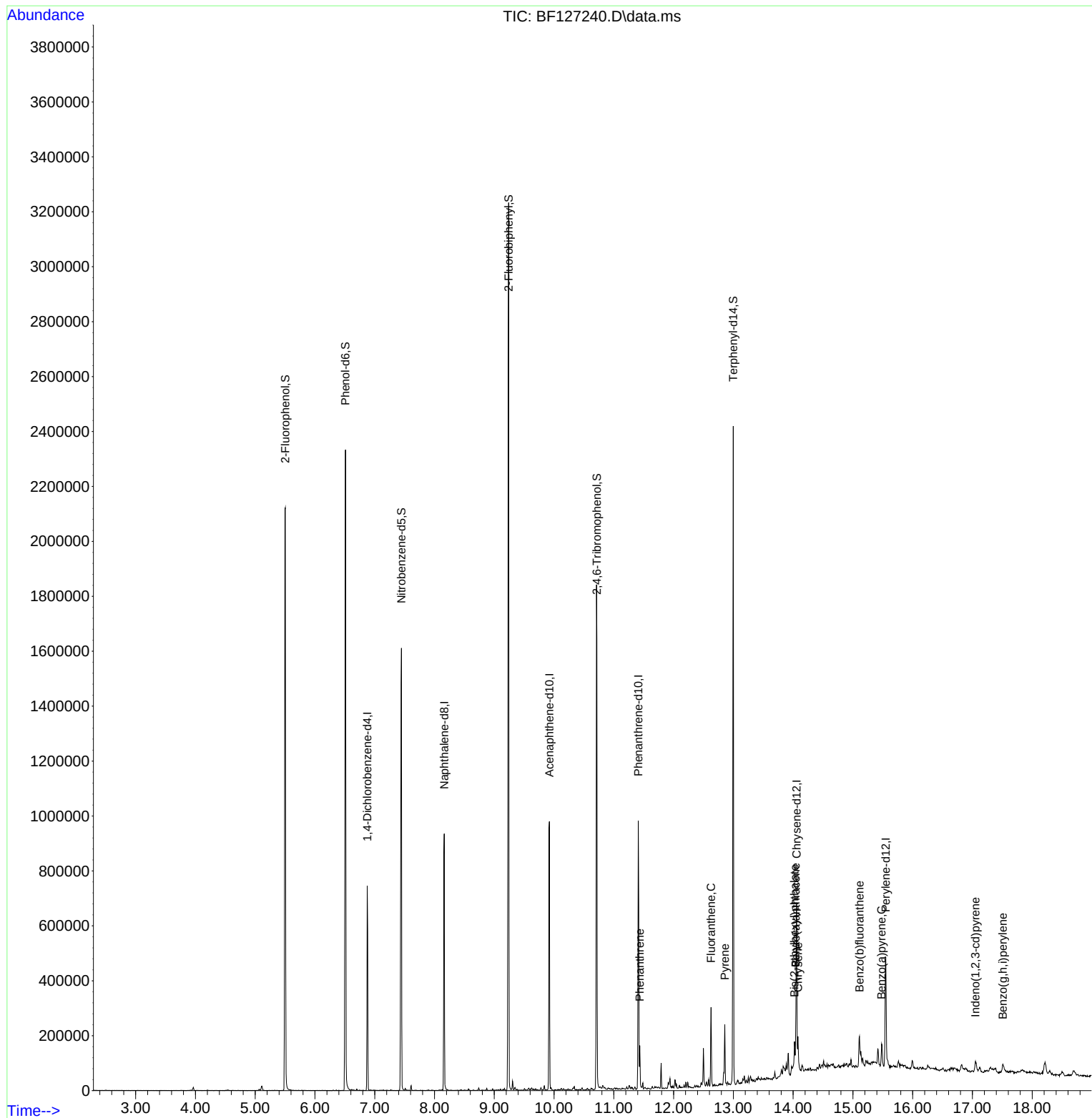
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127240.D
Acq On : 08 Mar 2022 00:50
Operator : CG\JU
Sample : N1806-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

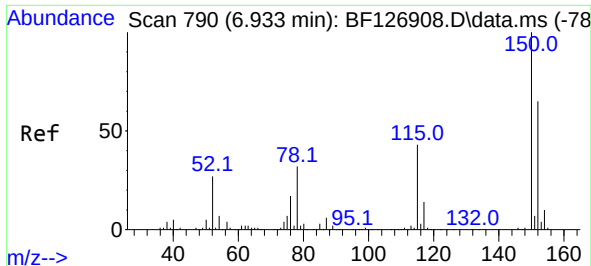
Instrument :
BNA_F
ClientSampleId :
DUM-22

Quant Time: Mar 08 01:55:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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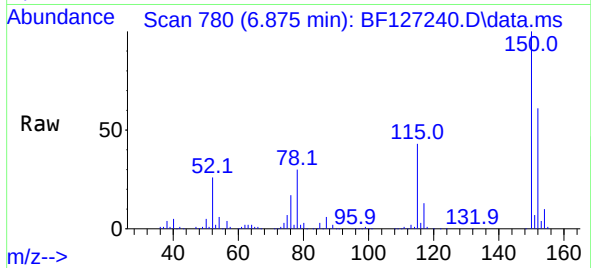
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Supervised By : Jagrut Upadhyay 03/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

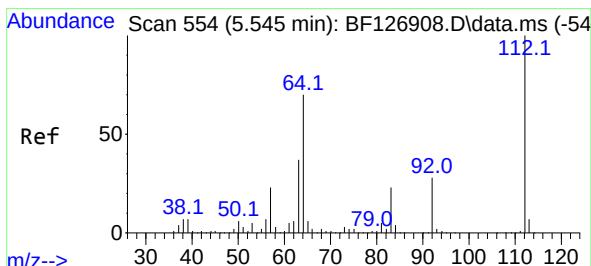
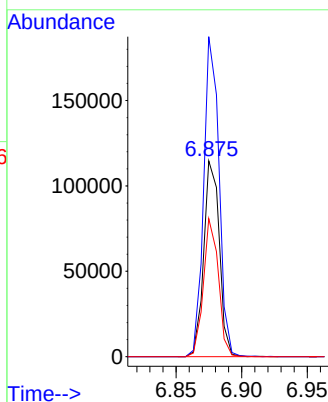
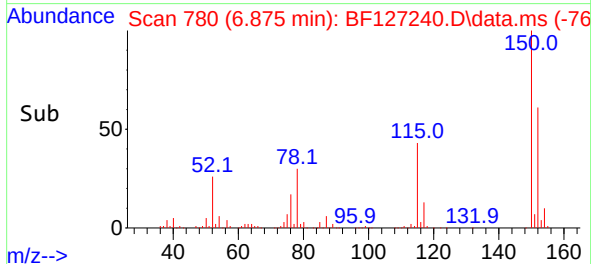
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BNA_F
ClientSampleId :
DUM-22



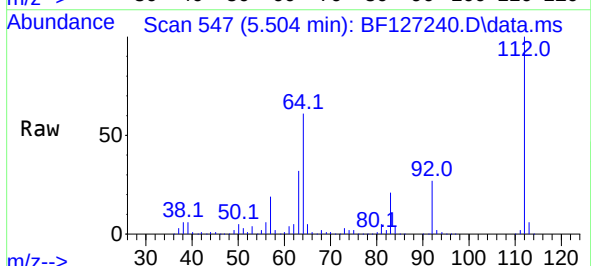
Tgt Ion:152 Resp: 95050
Ion Ratio Lower Upper
152 100
150 163.4 128.1 192.1
115 70.5 56.7 85.1

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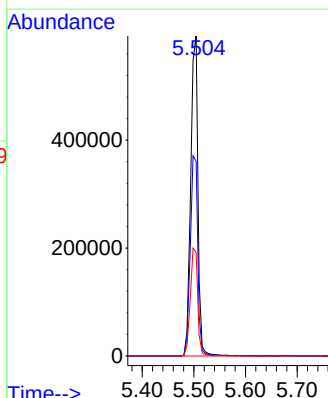
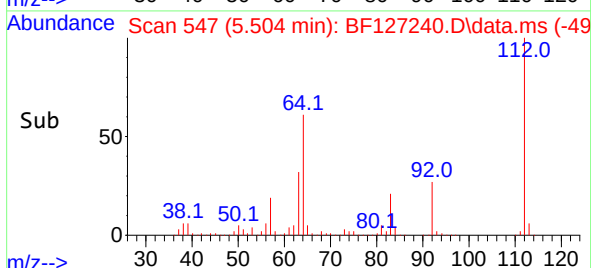
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

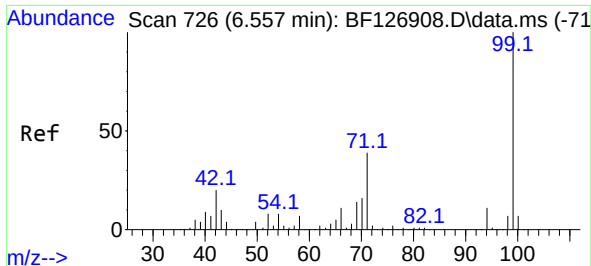


#5
2-Fluorophenol
Concen: 94.003 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



Tgt Ion:112 Resp: 578101
Ion Ratio Lower Upper
112 100
64 60.8 49.5 74.3
63 32.4 23.9 35.9





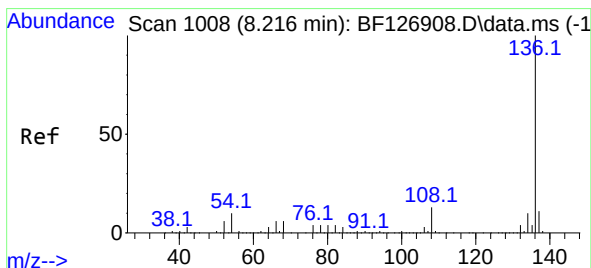
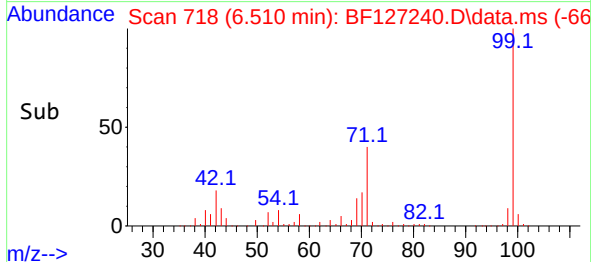
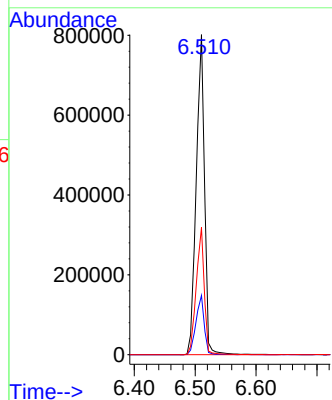
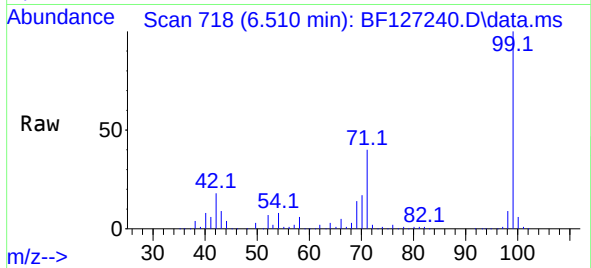
#7
Phenol-d6
Concen: 91.393 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

Instrument :
BNA_F
ClientSampleId :
DUM-22

Tgt Ion: 99 Resp: 75840
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 39.7 24.3 36.5

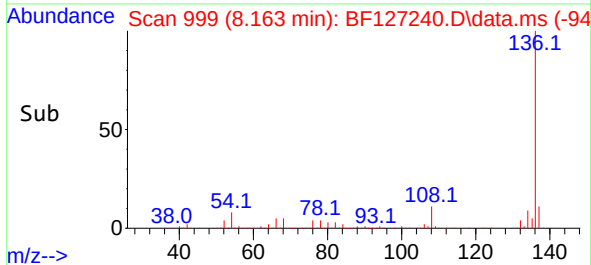
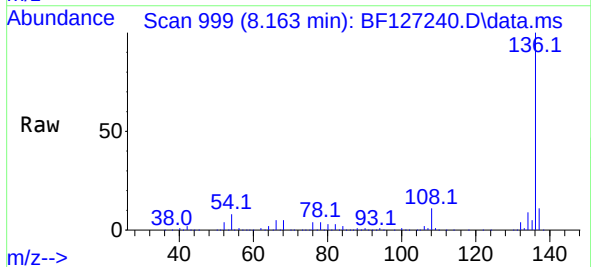
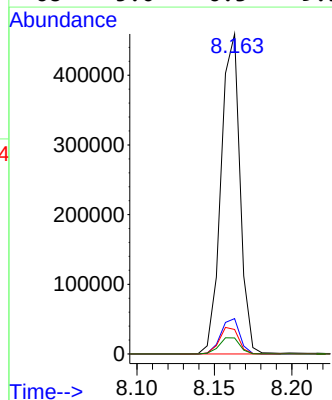
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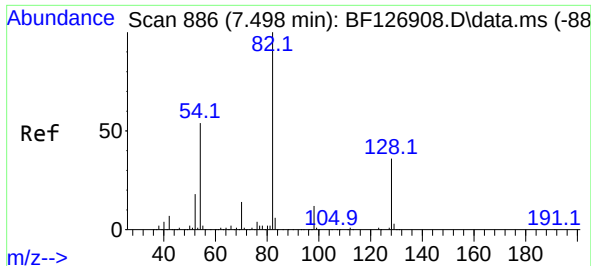
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

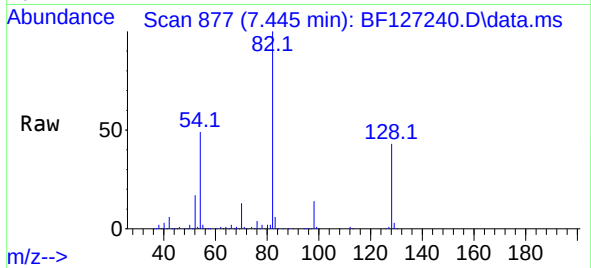
Tgt Ion:136 Resp: 391710
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.7 7.8 11.6#
68 5.0 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 61.265 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

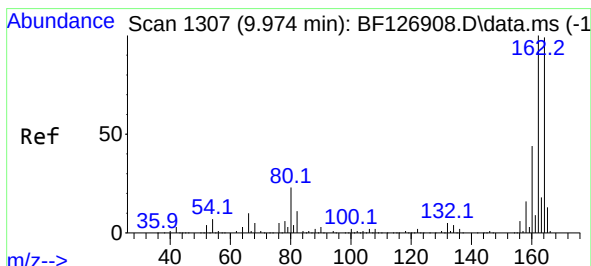
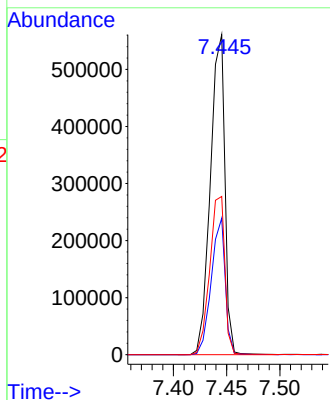
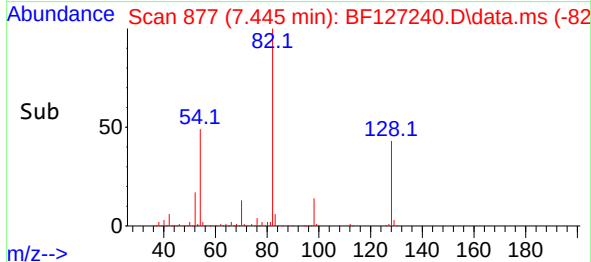
Instrument :
BNA_F
ClientSampleId :
DUM-22



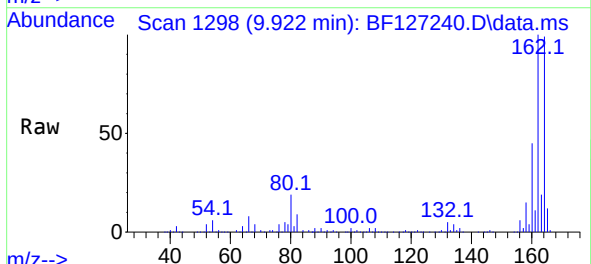
Tgt Ion: 82 Resp: 531672
Ion Ratio Lower Upper
82 100
128 42.6 32.7 49.1
54 49.5 41.7 62.5

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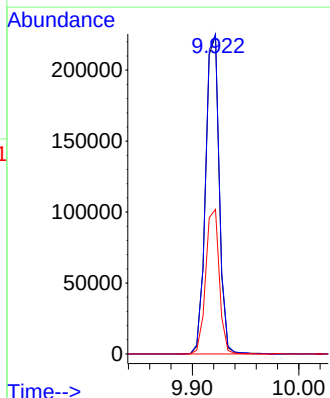
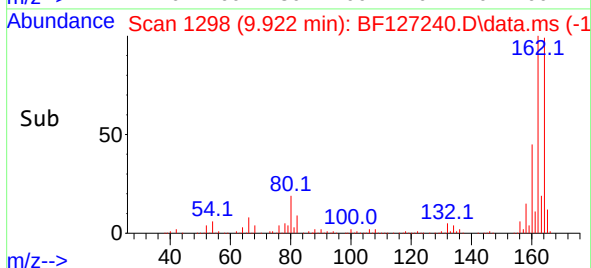
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

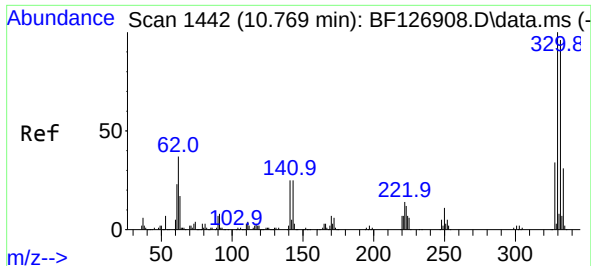


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



Tgt Ion:164 Resp: 199451
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.5 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 98.477 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

Instrument :

BNA_F

ClientSampleId :

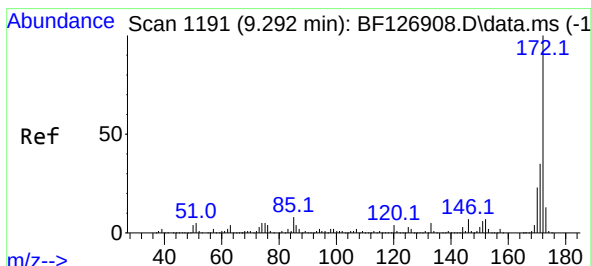
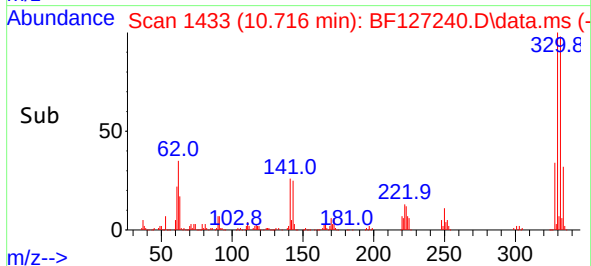
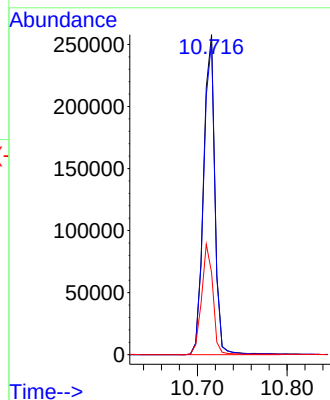
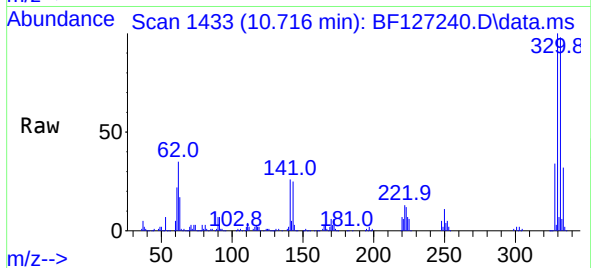
DUM-22

Tgt Ion:330 Resp: 226144
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 34.4 30.1 45.1

Manual Integrations

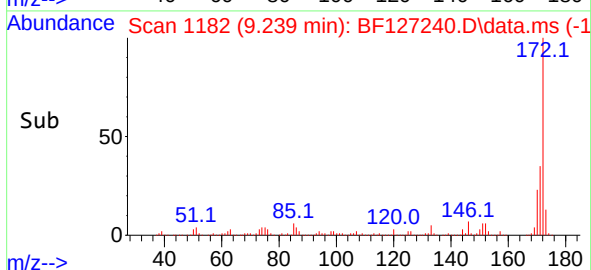
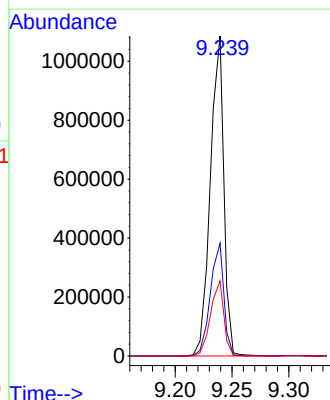
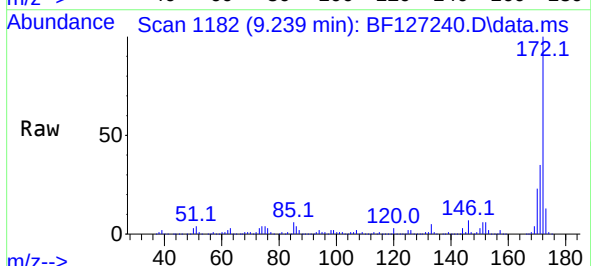
APPROVED

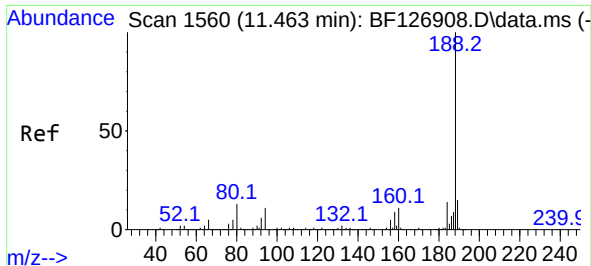
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#45
2-Fluorobiphenyl
Concen: 66.234 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

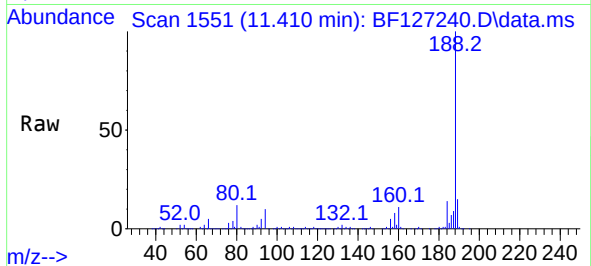
Tgt Ion:172 Resp: 897357
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

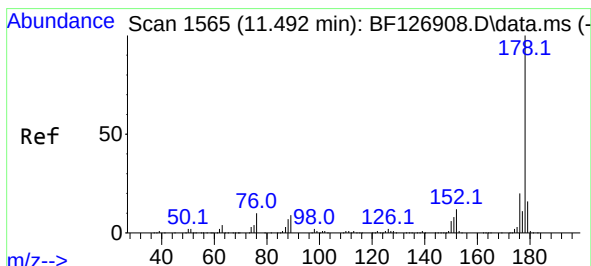
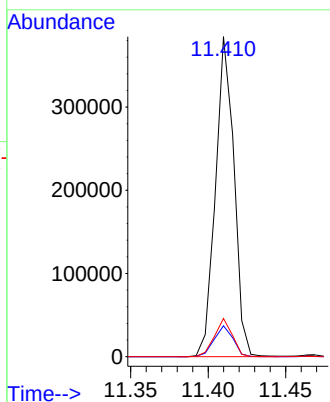
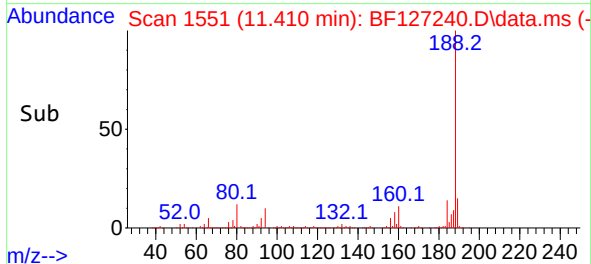
Instrument :
BNA_F
ClientSampleId :
DUM-22



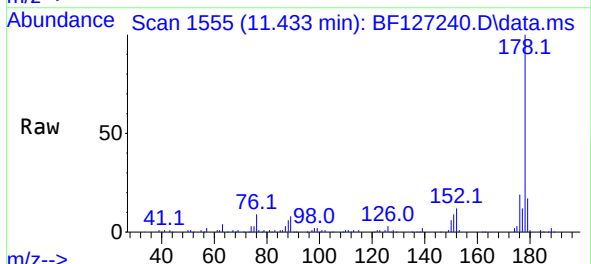
Tgt Ion:188 Resp: 31986
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1
80 11.9 11.8 17.6

Manual Integrations
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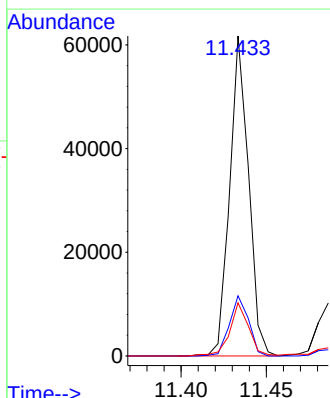
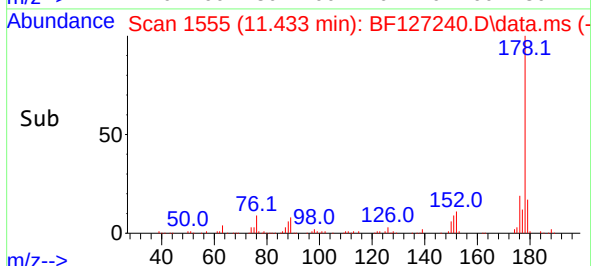
Reviewed By :Christian Giraldo 03/08/2022
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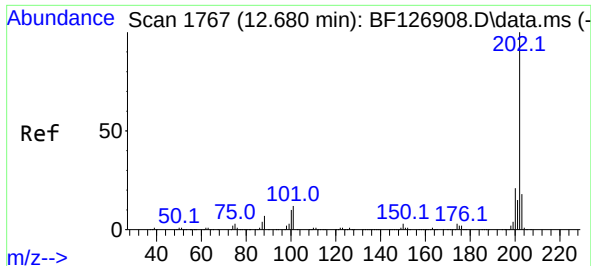


#71
Phenanthrene
Concen: 2.660 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



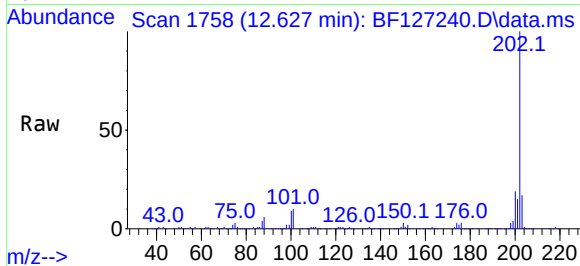
Tgt Ion:178 Resp: 47614
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 16.6 12.3 18.5





#75
Fluoranthene
Concen: 5.748 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

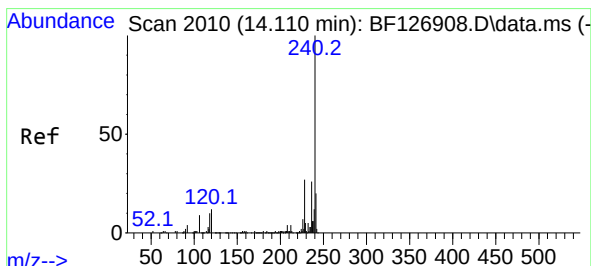
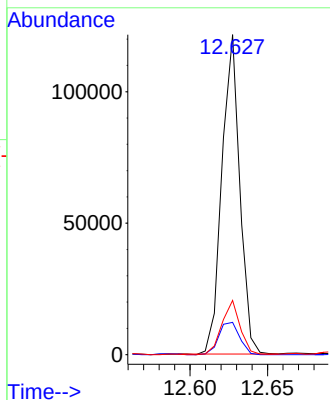
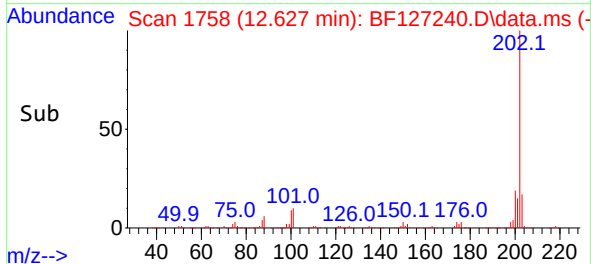
Instrument :
BNA_F
ClientSampleId :
DUM-22



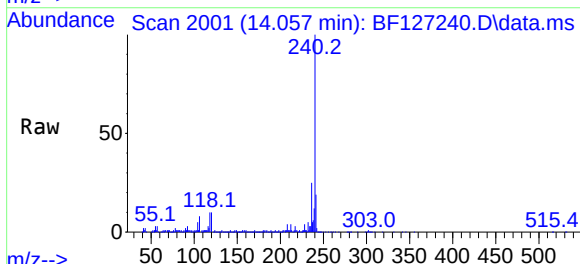
Tgt Ion:202 Resp: 97710
Ion Ratio Lower Upper
202 100
101 10.1 0.0 35.7
203 16.9 0.0 37.1

Manual Integrations
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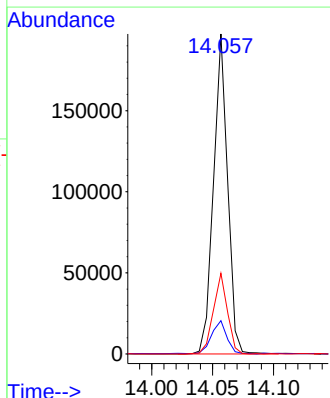
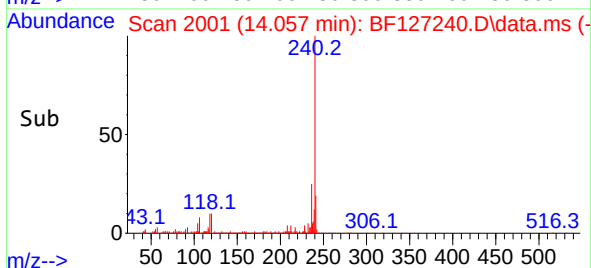
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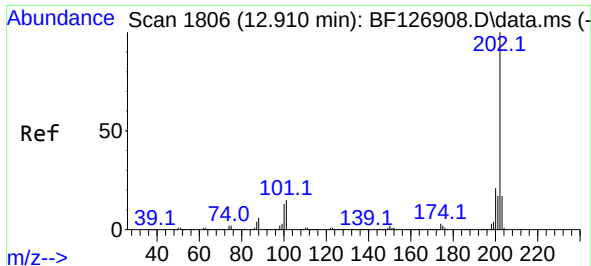


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



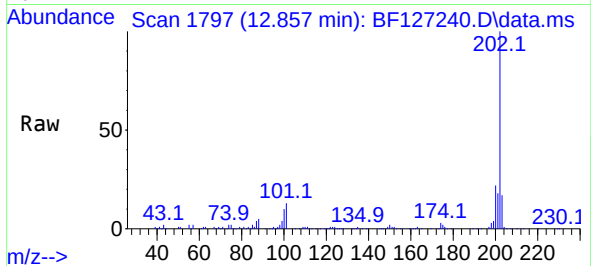
Tgt Ion:240 Resp: 158590
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.2 20.5 30.7





#78
Pyrene
Concen: 5.668 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

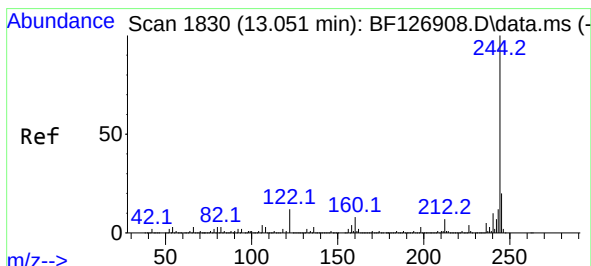
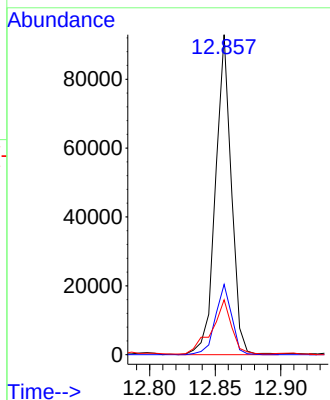
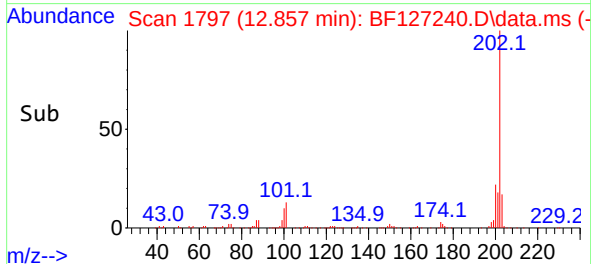
Instrument :
BNA_F
ClientSampleId :
DUM-22



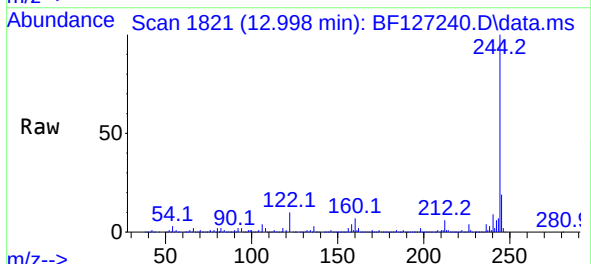
Tgt Ion:202 Resp: 78090
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 17.1 13.8 20.8

Manual Integrations
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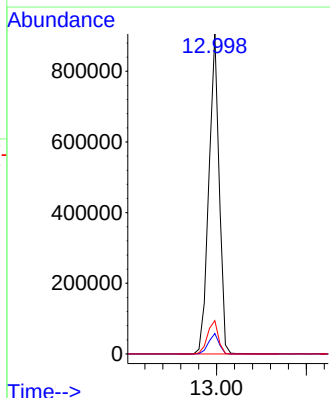
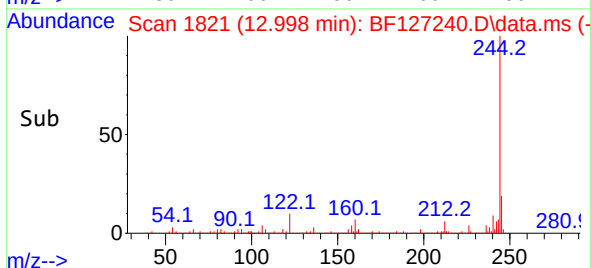
Reviewed By :Christian Giraldo 03/08/2022
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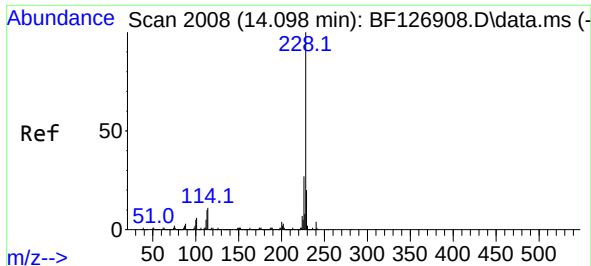


#79
Terphenyl-d14
Concen: 67.095 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



Tgt Ion:244 Resp: 723829
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.4 13.3 19.9#





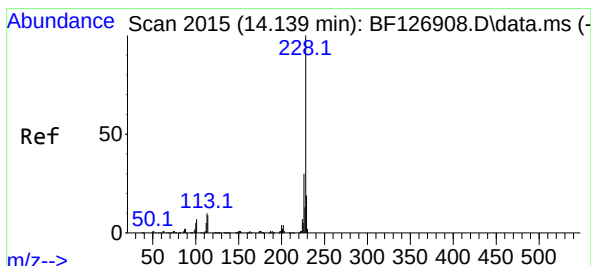
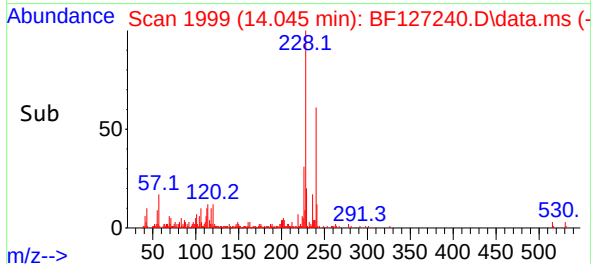
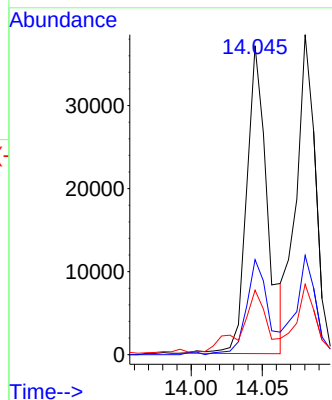
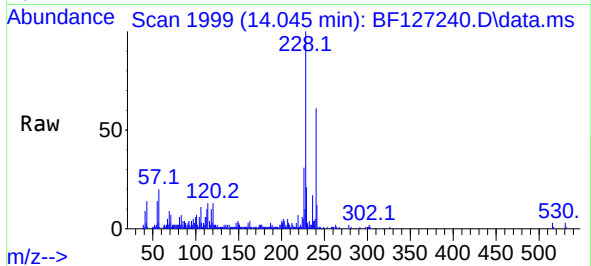
#81
Benzo(a)anthracene
Concen: 3.492 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

Instrument :
BNA_F
ClientSampleId :
DUM-22

Tgt Ion:228 Resp: 37335
Ion Ratio Lower Upper
228 100
226 30.7 21.4 32.0
229 20.9 15.4 23.2

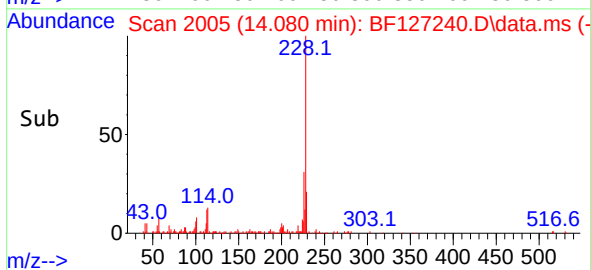
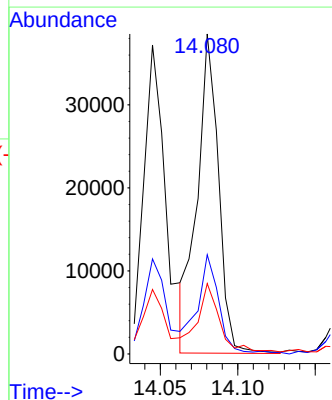
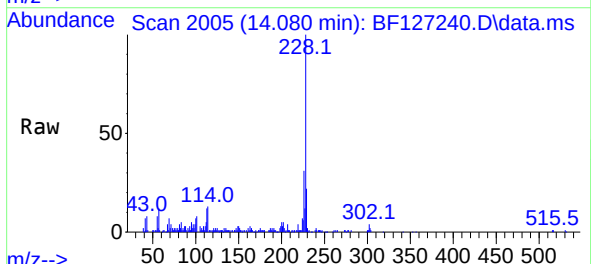
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APPROVED

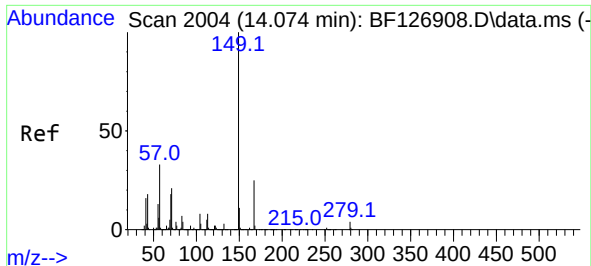
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#83
Chrysene
Concen: 3.658 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

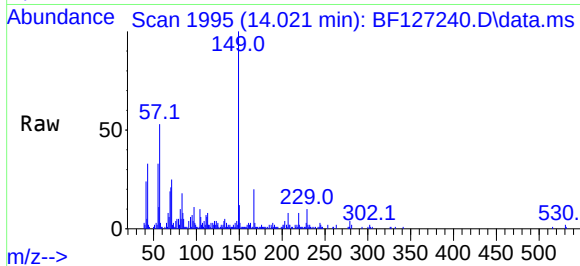
Tgt Ion:228 Resp: 36781
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 22.0 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.155 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

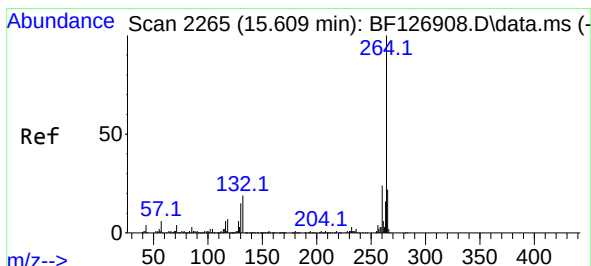
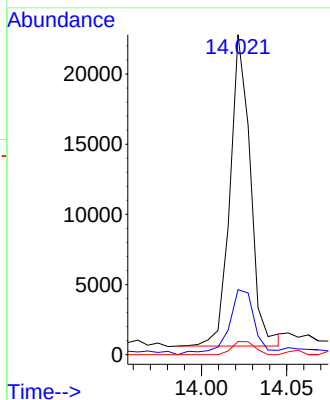
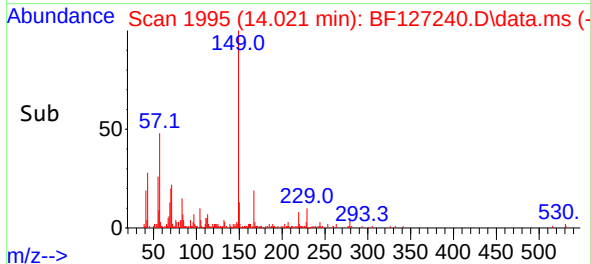
Instrument :
BNA_F
ClientSampleId :
DUM-22



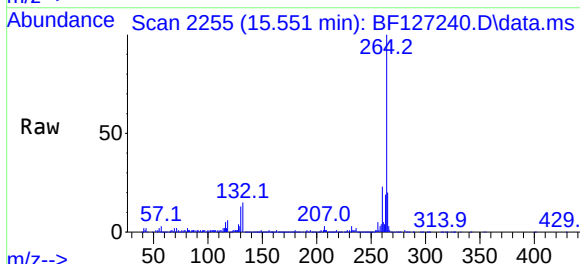
Tgt Ion:149 Resp: 1845
Ion Ratio Lower Upper
149 100
167 20.3 21.4 32.2
279 4.1 2.4 3.6

Manual Integrations
APPROVED

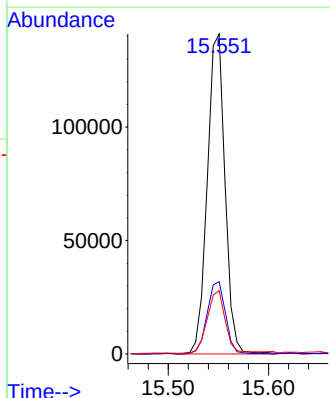
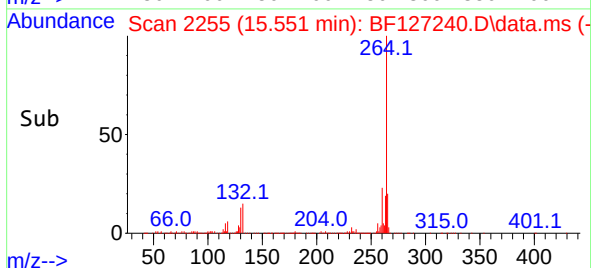
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

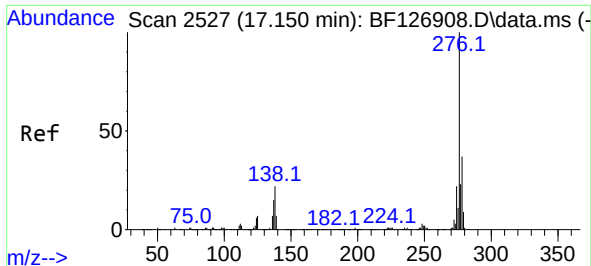


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



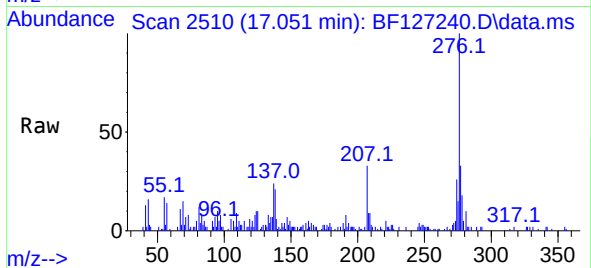
Tgt Ion:264 Resp: 173151
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 19.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.071 ng
RT: 17.051 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

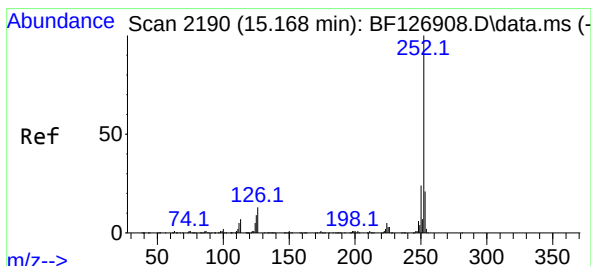
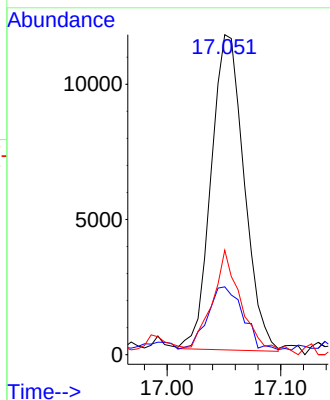
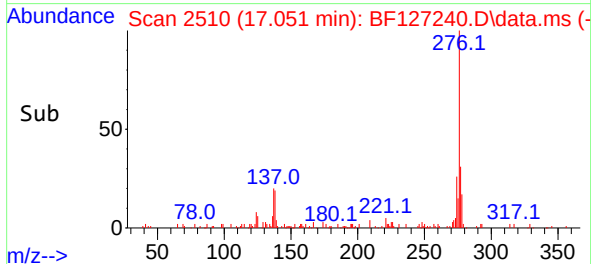
Instrument :
BNA_F
ClientSampleId :
DUM-22



Tgt Ion: 276 Resp: 23510
Ion Ratio Lower Upper
276 100
138 23.3 29.2 43.8
277 30.7 19.8 29.8

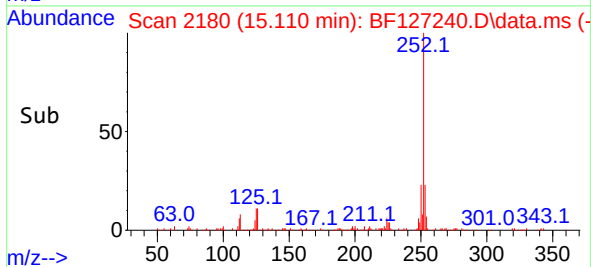
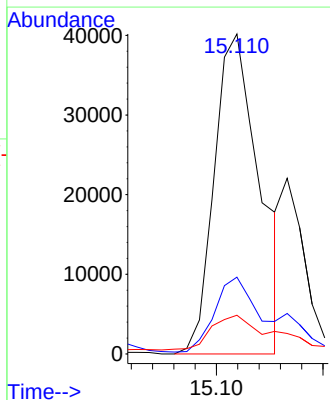
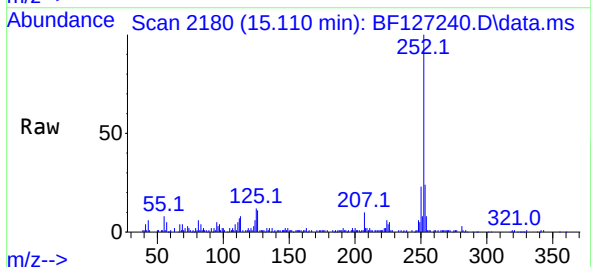
Manual Integrations
APPROVED

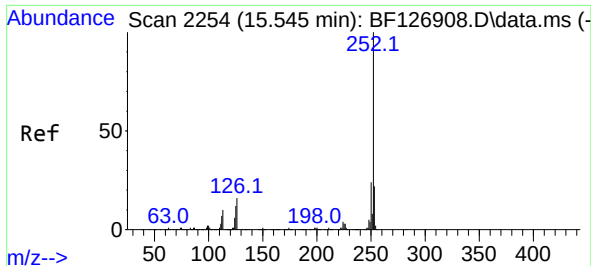
Reviewed By : Christian Giraldo 03/08/2022
Supervised By : Jagrut Upadhyay 03/08/2022



#88
Benzo(b)fluoranthene
Concen: 5.091 ng m
RT: 15.110 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

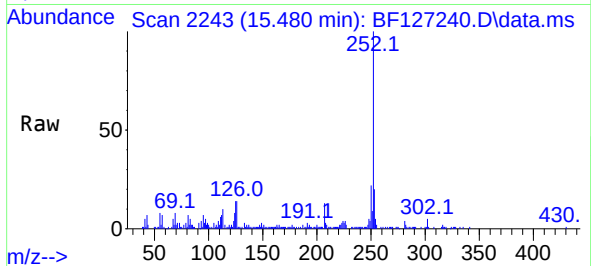
Tgt Ion: 252 Resp: 59200
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 12.1 12.4 18.6





#90
Benzo(a)pyrene
Concen: 4.188 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50

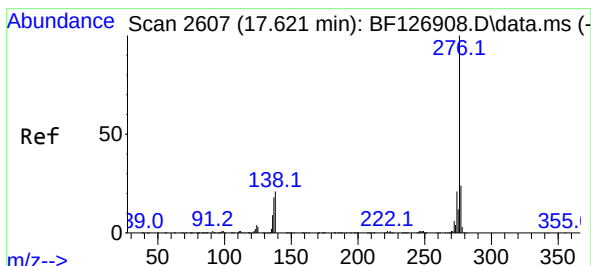
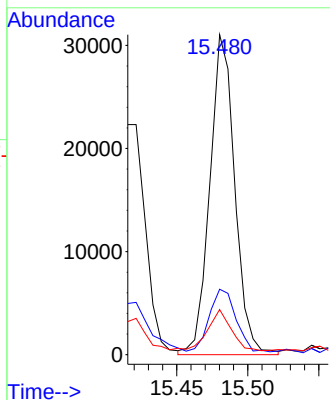
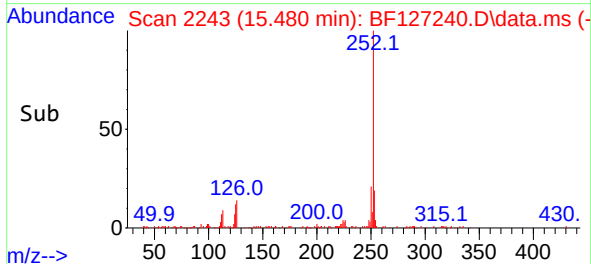
Instrument :
BNA_F
ClientSampleId :
DUM-22



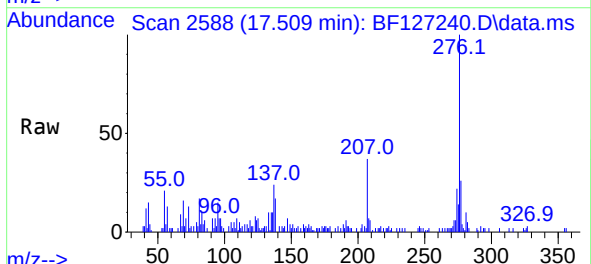
Tgt Ion:252 Resp: 3804
Ion Ratio Lower Upper
252 100
253 20.4 17.1 25.7
125 14.1 13.0 19.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 2.526 ng
RT: 17.509 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF127240.D
Acq: 08 Mar 2022 00:50



Tgt Ion:276 Resp: 23383
Ion Ratio Lower Upper
276 100
277 25.7 18.5 27.7
138 17.1 25.9 38.9#

