

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126524.D
 Acq On : 6 Jan 2022 18:04
 Operator : JU/CG
 Sample : N1038-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RP-RB21137

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:33:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	90669	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	380574	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	174259	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	268604	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	162302	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	185662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	581254	92.062	ng	0.00
7) Phenol-d6	6.410	99	733015	89.637	ng	-0.01
23) Nitrobenzene-d5	7.339	82	463614	62.550	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	133317	99.004	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	665873	67.242	ng	-0.01
79) Terphenyl-d14	12.892	244	483138	57.837	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.327	178	71160	5.182	ng	98
72) Anthracene	11.374	178	45882	3.339	ng	98
75) Fluoranthene	12.516	202	144634	11.540	ng	99
78) Pyrene	12.745	202	124751	9.095	ng	99
81) Benzo(a)anthracene	13.933	228	62766	6.725	ng	99
83) Chrysene	13.968	228	101080	10.558	ng	97
87) Indeno(1,2,3-cd)pyrene	16.804	276	71434	5.749	ng	97
88) Benzo(b)fluoranthene	14.974	252	165132m	14.930	ng	
89) Benzo(k)fluoranthene	15.004	252	52212m	4.873	ng	
90) Benzo(a)pyrene	15.327	252	103810	11.194	ng	99
91) Dibenzo(a,h)anthracene	16.815	278	21124	2.107	ng	95
92) Benzo(g,h,i)perylene	17.233	276	63917	5.987	ng	97

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

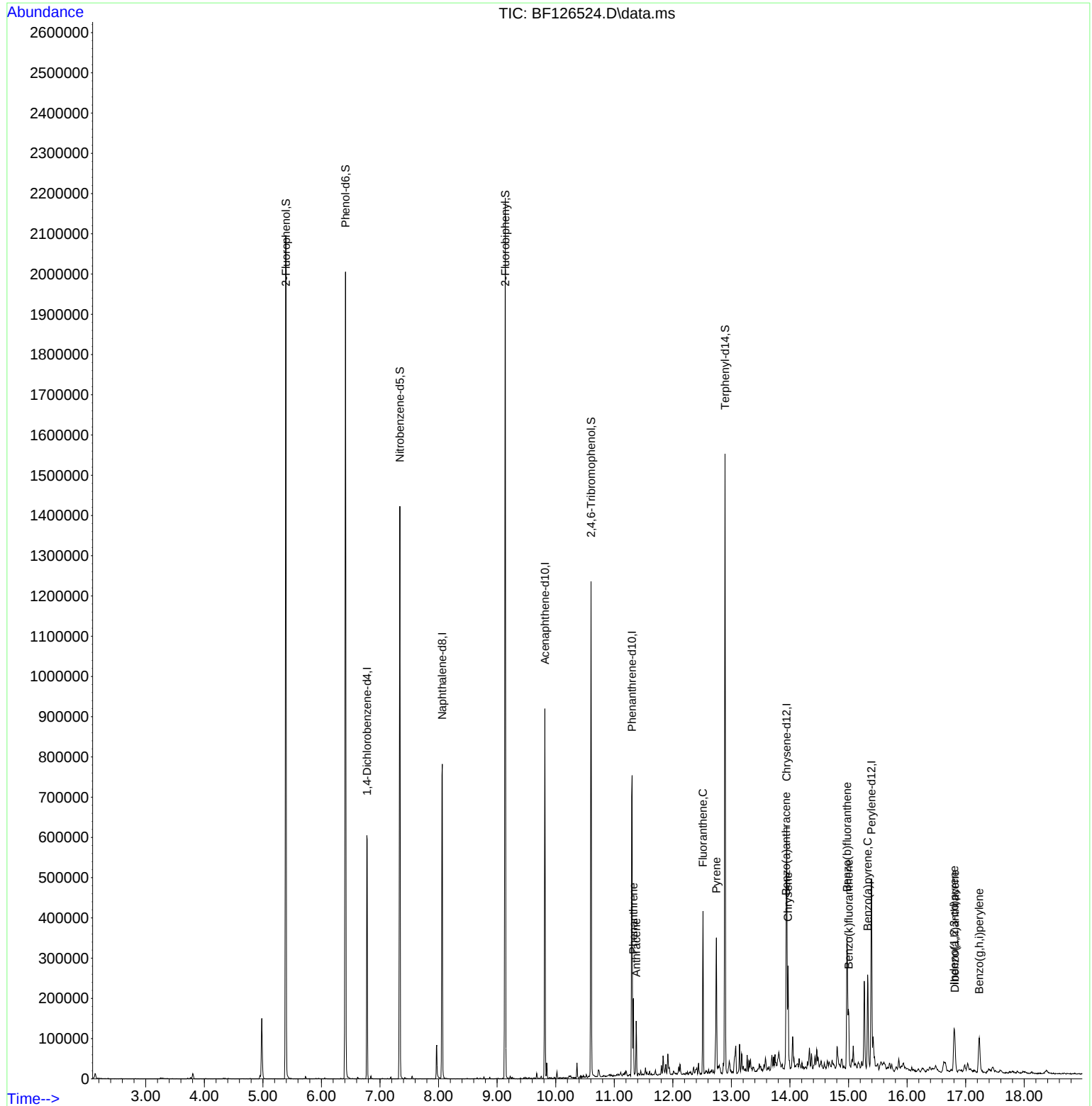
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126524.D
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Sample : N1038-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

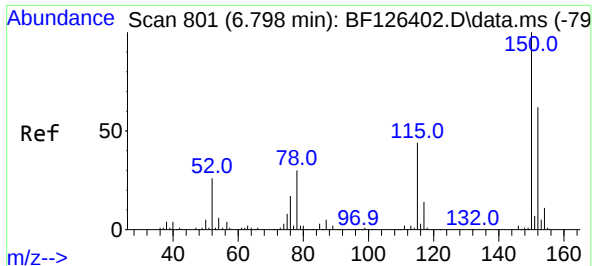
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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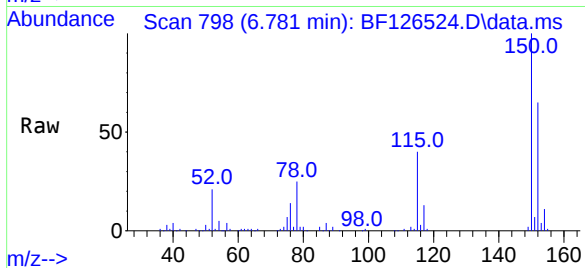
Reviewed By : Christian Giraldo 01/07/2022
Supervised By : Jagrut Upadhyay 01/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

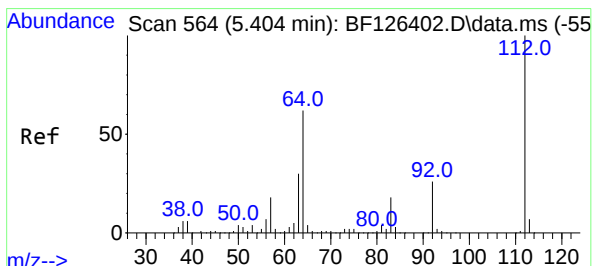
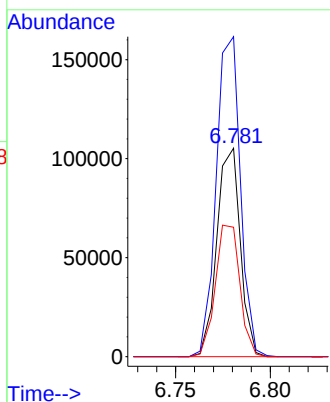
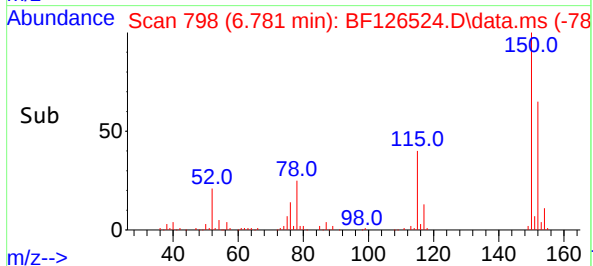
Instrument :
BNA_F
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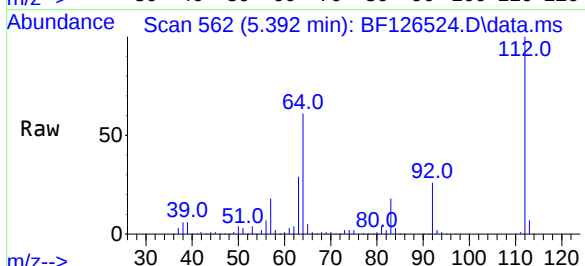
Tgt Ion:152 Resp: 90669
Ion Ratio Lower Upper
152 100
150 153.5 128.1 192.1
115 62.1 56.7 85.1

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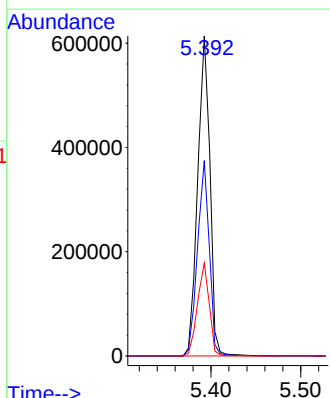
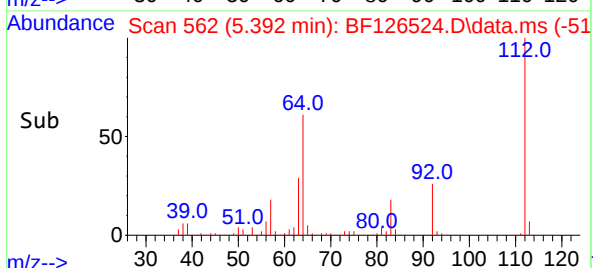
Reviewed By :Christian Giraldo 01/07/2022
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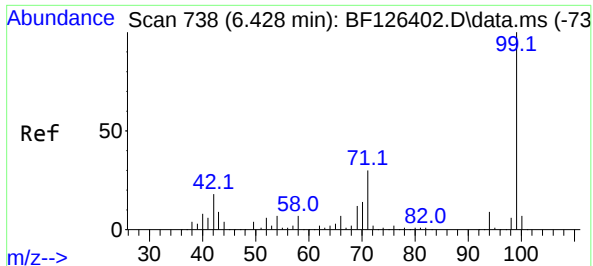


#5
2-Fluorophenol
Concen: 92.062 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04



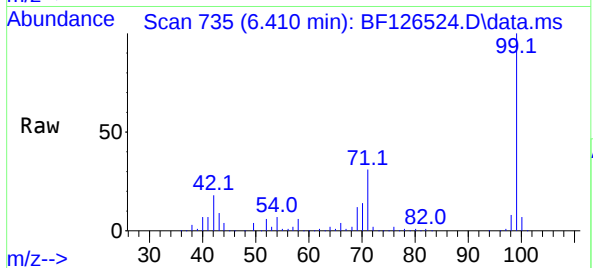
Tgt Ion:112 Resp: 581254
Ion Ratio Lower Upper
112 100
64 61.0 49.5 74.3
63 29.0 23.9 35.9





#7
Phenol-d6
Concen: 89.637 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

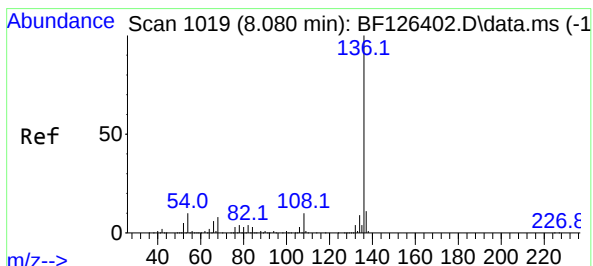
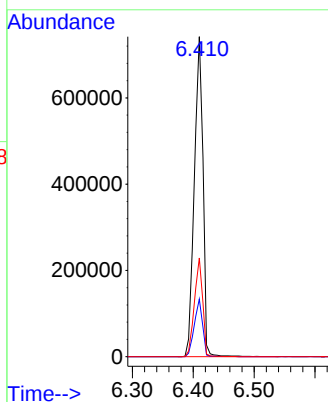
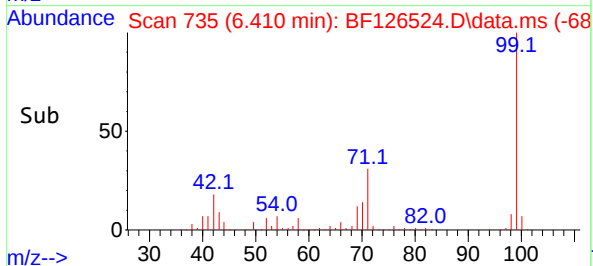
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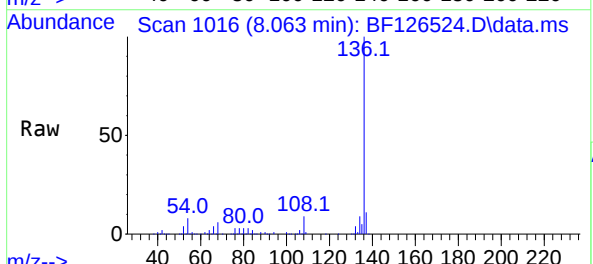
Tgt Ion: 99 Resp: 733015
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 30.8 24.3 36.5

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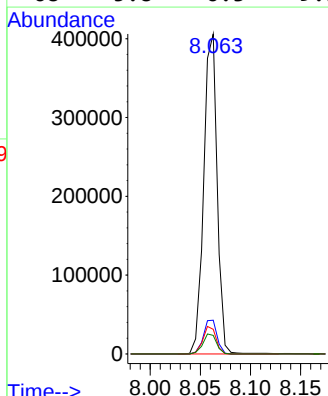
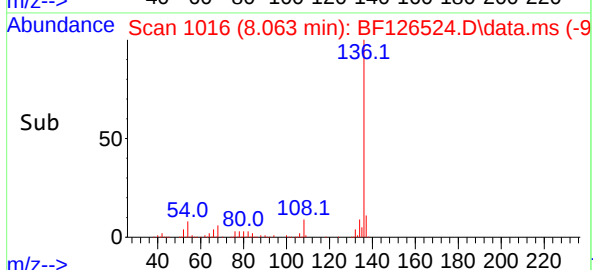
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

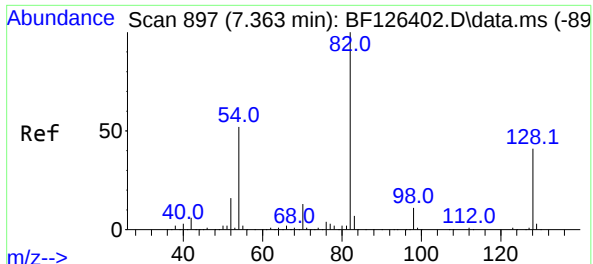


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04



Tgt Ion:136 Resp: 380574
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.7 7.8 11.6#
68 5.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 62.550 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126524.D

Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

RP-RB21137

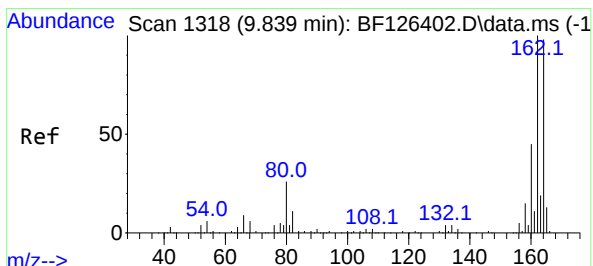
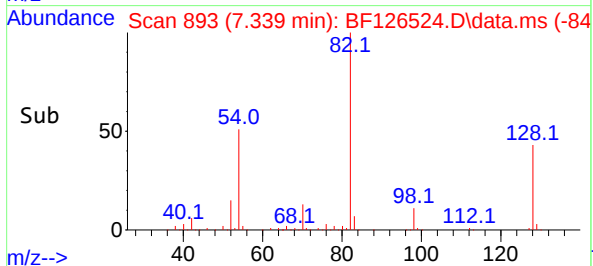
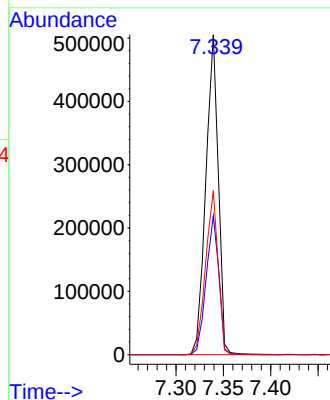
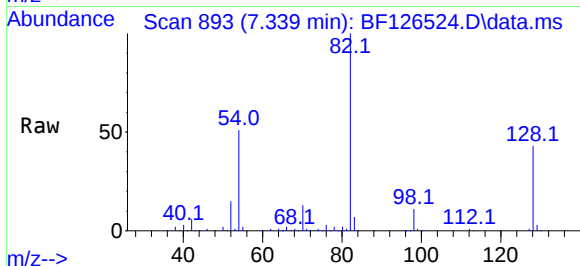
Tgt Ion: 82 Resp: 463614

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.7	49.1
54	51.3	41.7	62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

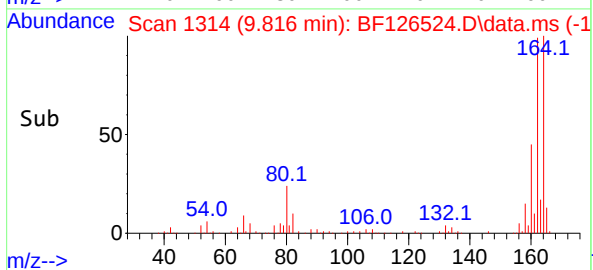
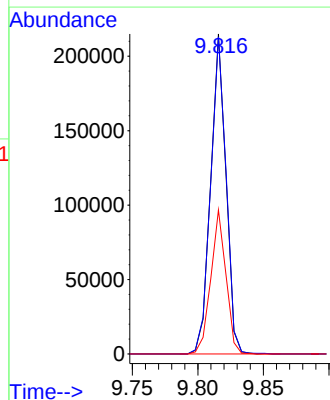
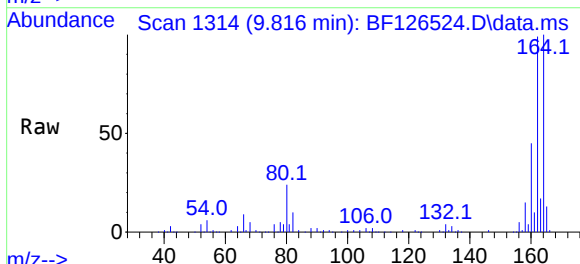
Delta R.T. -0.012 min

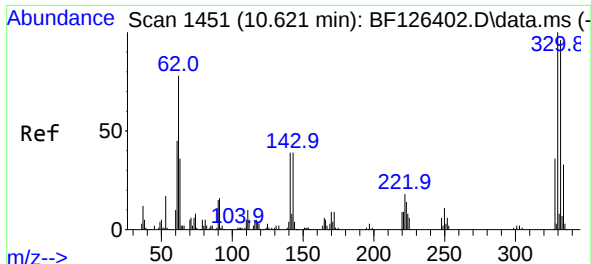
Lab File: BF126524.D

Acq: 6 Jan 2022 18:04

Tgt Ion:164 Resp: 174259

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.4	122.0
160	45.0	36.6	54.8





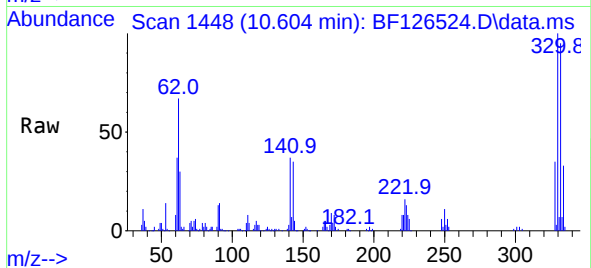
#42
2,4,6-Tribromophenol
Concen: 99.004 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

RP-RB21137

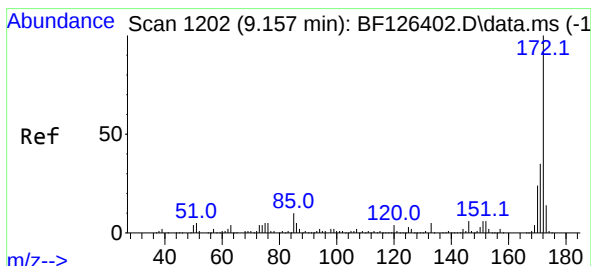
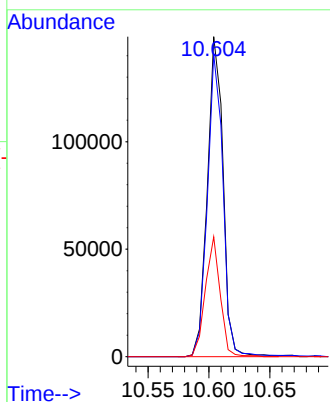
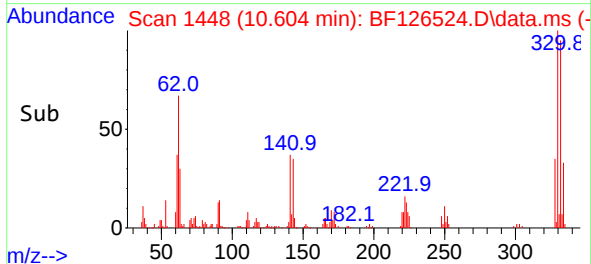


Tgt Ion:330 Resp: 133317
Ion Ratio Lower Upper
330 100
332 94.4 76.0 114.0
141 35.5 30.1 45.1

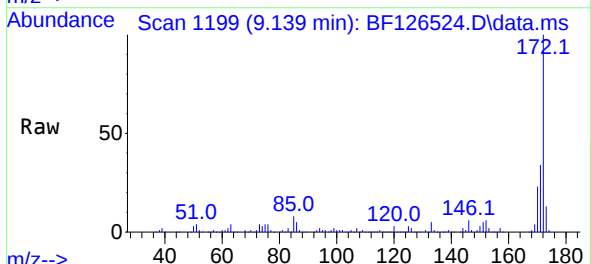
Manual Integrations

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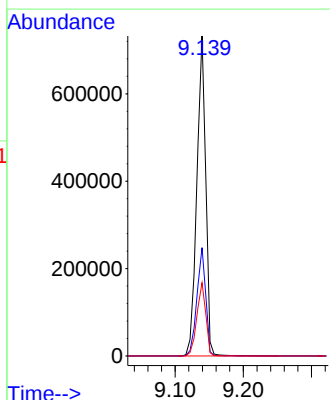
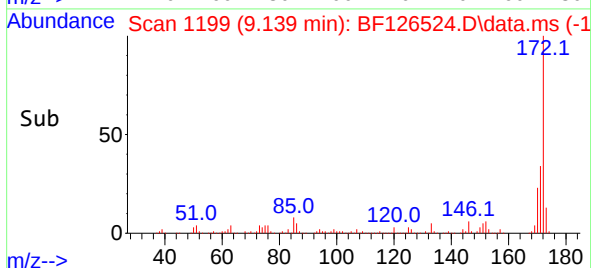
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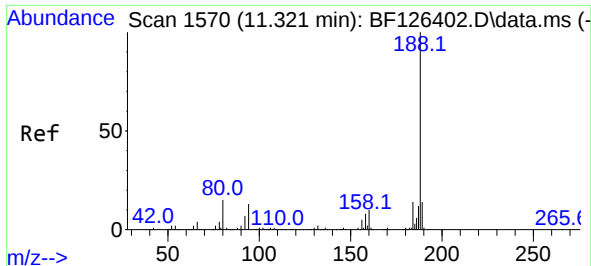


#45
2-Fluorobiphenyl
Concen: 67.242 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04



Tgt Ion:172 Resp: 665873
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 22.9 19.0 28.6





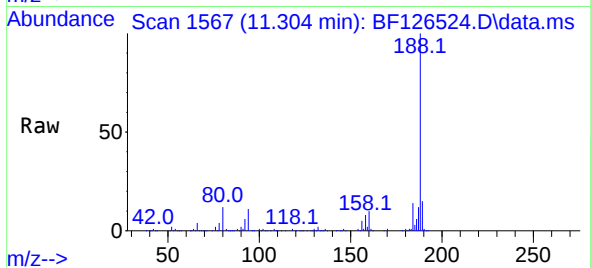
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

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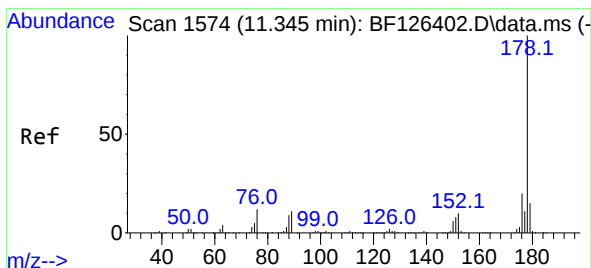
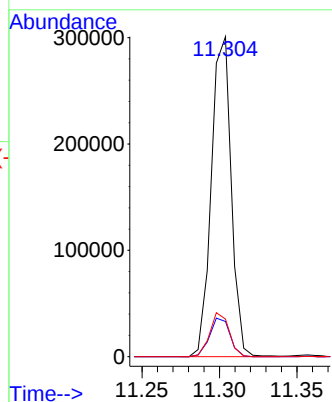
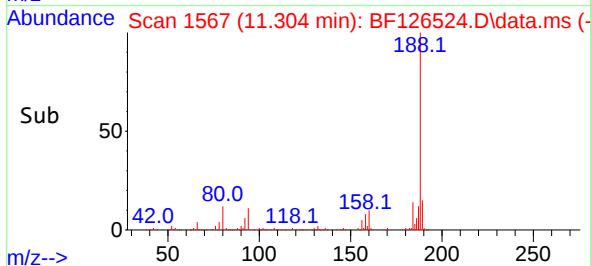


Tgt Ion:188 Resp: 268604
Ion Ratio Lower Upper
188 100
94 11.0 10.1 15.1
80 11.8 11.8 17.6

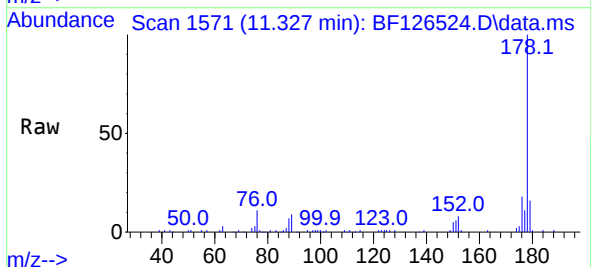
Manual Integrations

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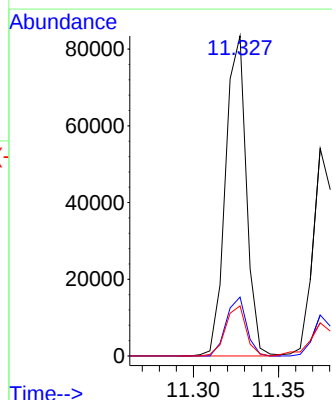
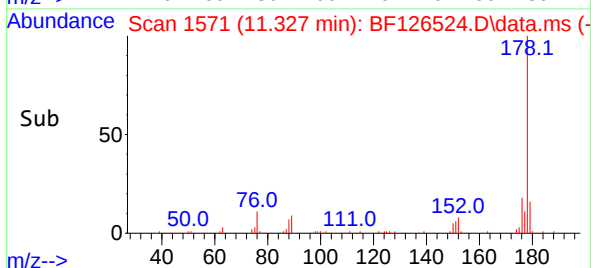
Reviewed By :Christian Giraldo 01/07/2022
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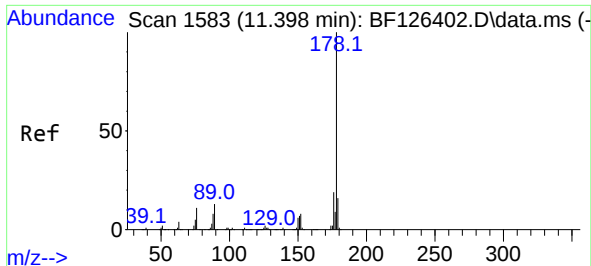


#71
Phenanthrene
Concen: 5.182 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04



Tgt Ion:178 Resp: 71160
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.7 12.3 18.5





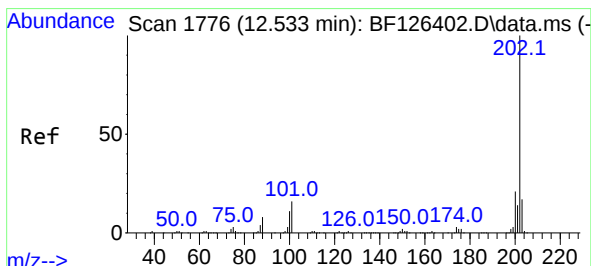
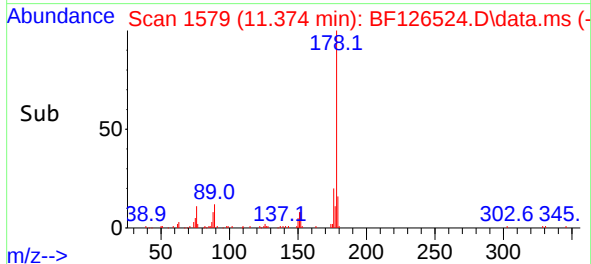
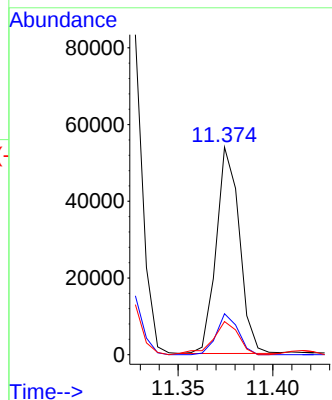
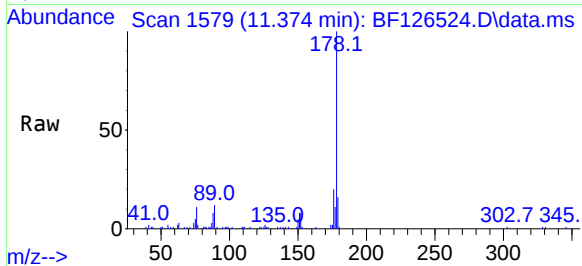
#72
 Anthracene
 Concen: 3.339 ng
 RT: 11.374 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Instrument :
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Tgt Ion:178 Resp: 4588
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.0 22.6
 179 16.0 12.5 18.7

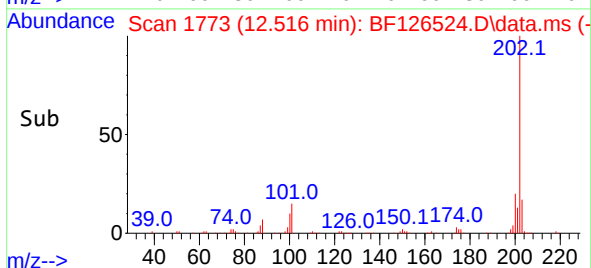
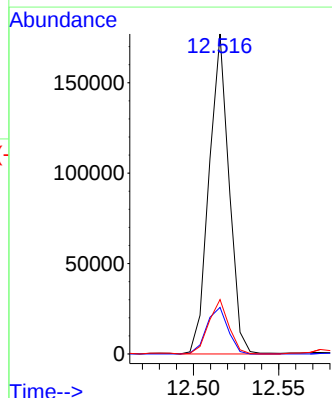
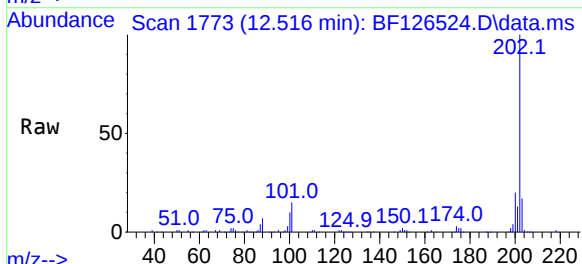
Manual Integrations
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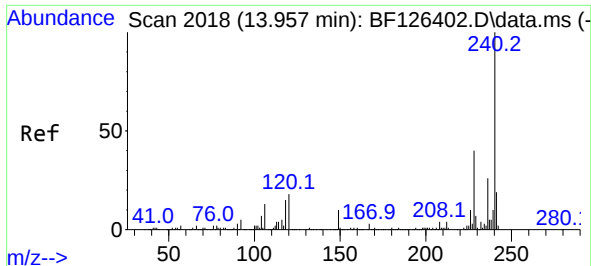
Reviewed By :Christian Giraldo 01/07/2022
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#75
 Fluoranthene
 Concen: 11.540 ng
 RT: 12.516 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Tgt Ion:202 Resp: 144634
 Ion Ratio Lower Upper
 202 100
 101 14.6 0.0 35.7
 203 17.0 0.0 37.1





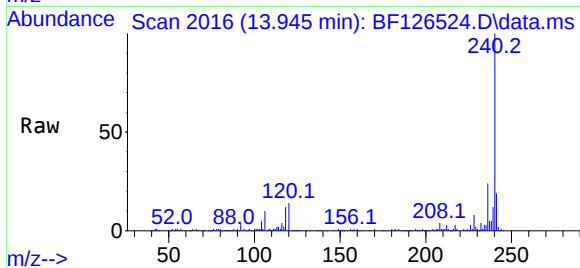
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

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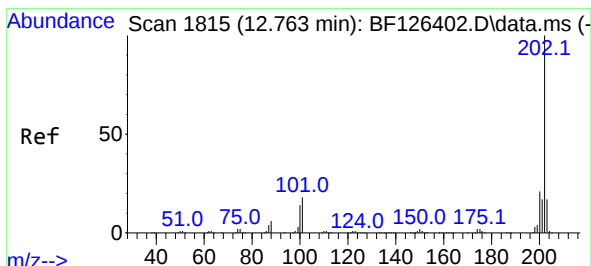
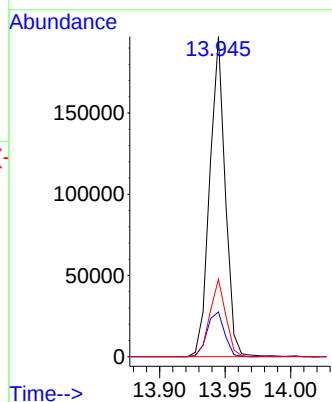
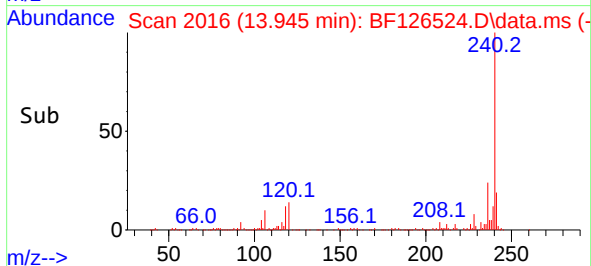


Tgt Ion:240 Resp: 162302
Ion Ratio Lower Upper
240 100
120 14.0 14.4 21.6
236 24.3 20.5 30.7

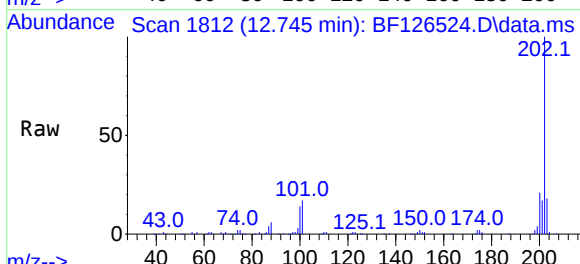
Manual Integrations

APPROVED

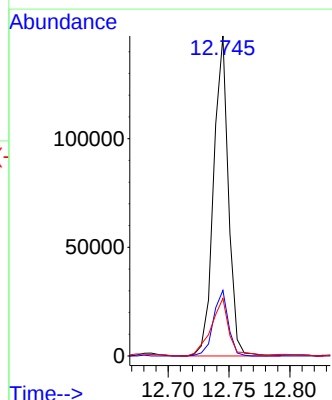
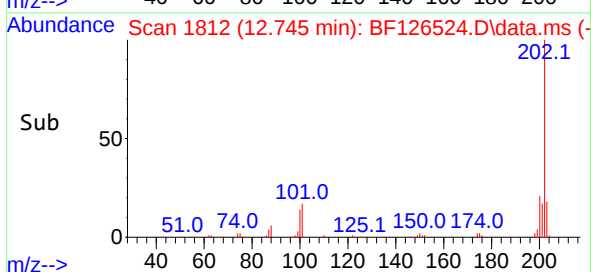
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

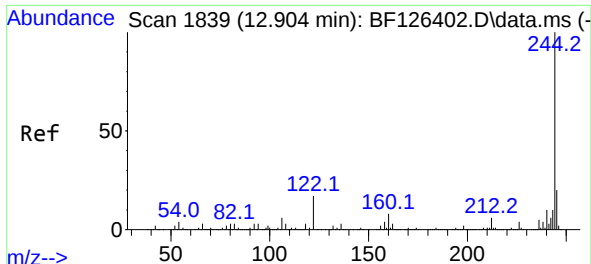


#78
Pyrene
Concen: 9.095 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04



Tgt Ion:202 Resp: 124751
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.0 13.8 20.8





#79
 Terphenyl-d14
 Concen: 57.837 ng
 RT: 12.892 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

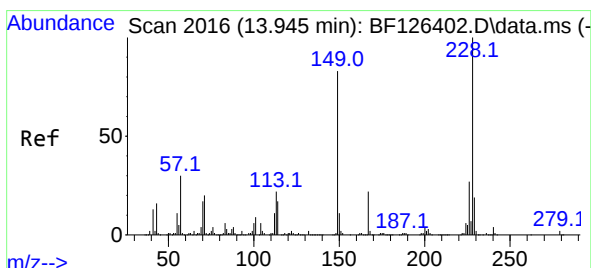
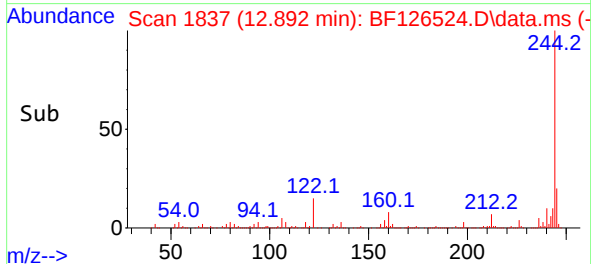
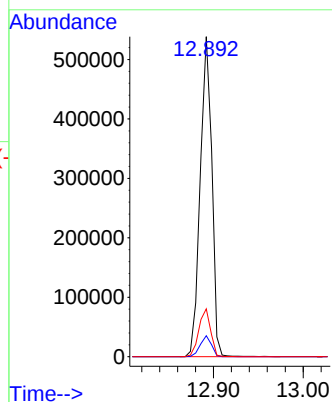
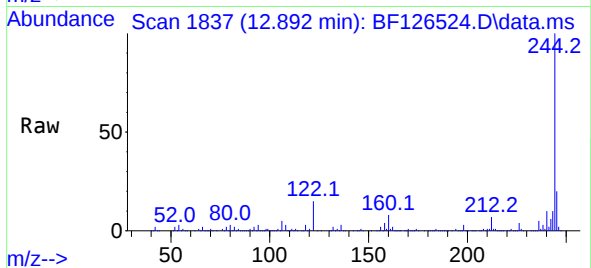
RP-RB21137

Tgt Ion:244 Resp: 483138
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 14.9 13.3 19.9

Manual Integrations

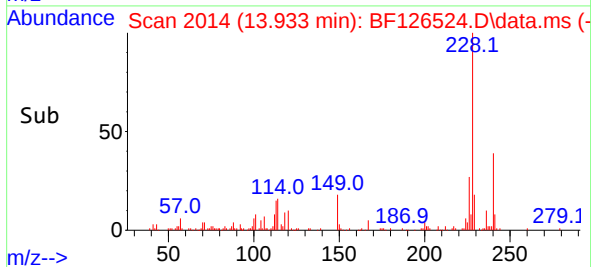
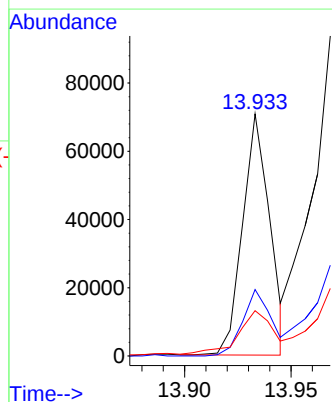
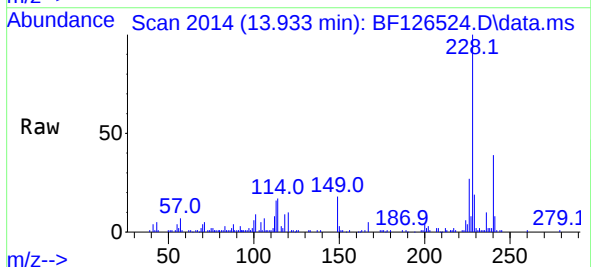
APPROVED

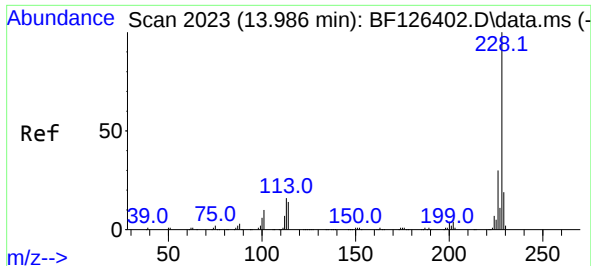
Reviewed By :Christian Giraldo 01/07/2022
 Supervised By :Jagrut Upadhyay 01/07/2022



#81
 Benzo(a)anthracene
 Concen: 6.725 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

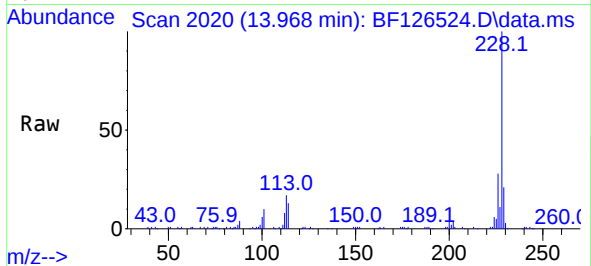
Tgt Ion:228 Resp: 62766
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.4 32.0
 229 18.7 15.4 23.2





#83
Chrysene
Concen: 10.558 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

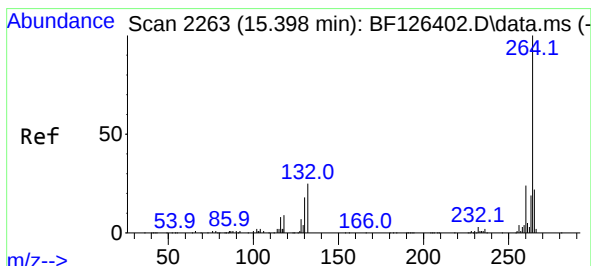
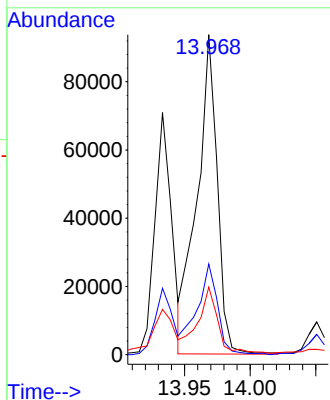
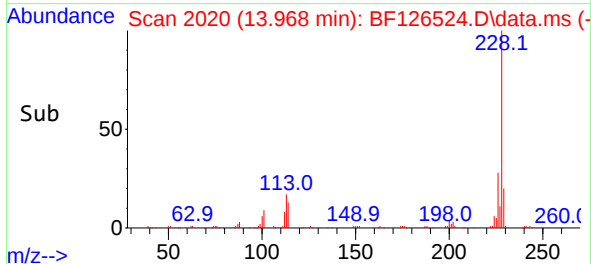
Instrument :
BNA_F
ClientSampleId :
RP-RB21137



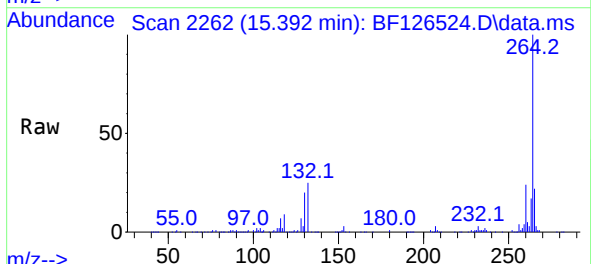
Tgt Ion:228 Resp: 101080
Ion Ratio Lower Upper
228 100
226 28.4 23.7 35.5
229 21.1 15.5 23.3

Manual Integrations
APPROVED

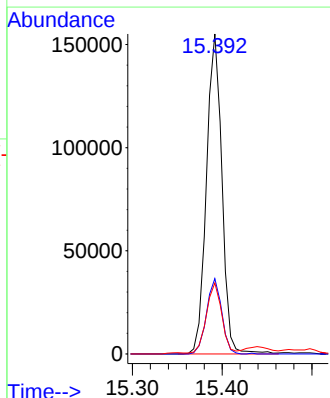
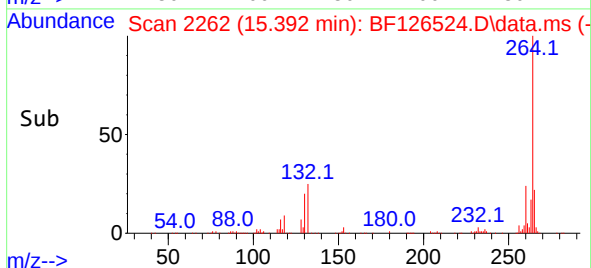
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

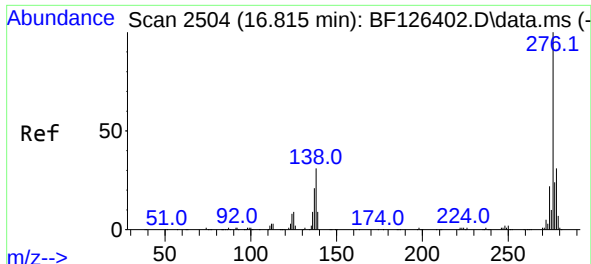


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04



Tgt Ion:264 Resp: 185662
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.2 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.749 ng
 RT: 16.804 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

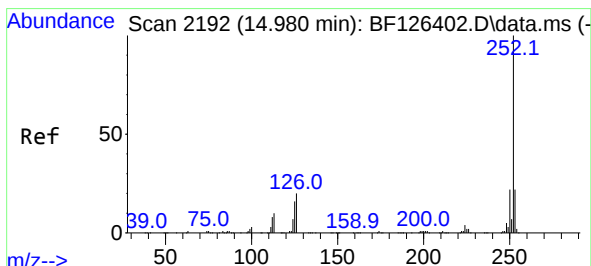
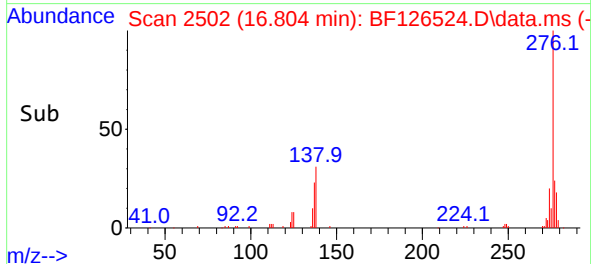
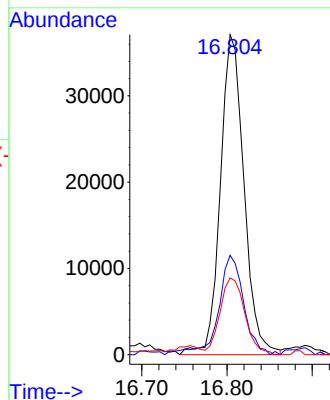
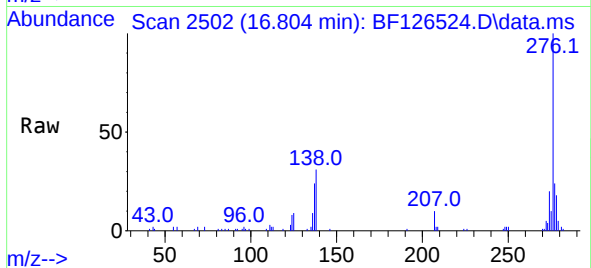
RP-RB21137

Tgt Ion:276 Resp: 71434
 Ion Ratio Lower Upper
 276 100
 138 33.3 29.2 43.8
 277 25.1 19.8 29.8

Manual Integrations

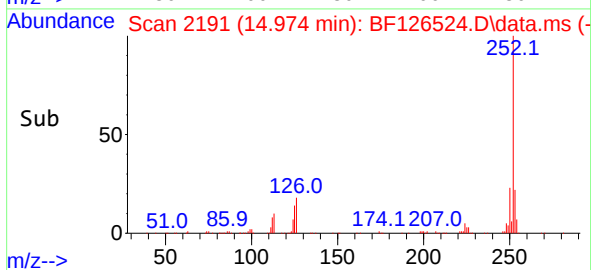
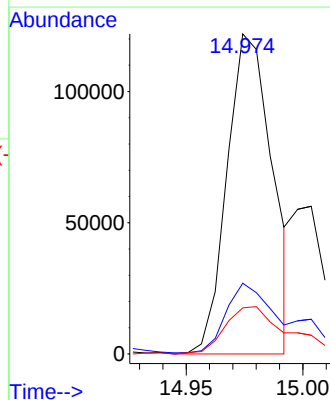
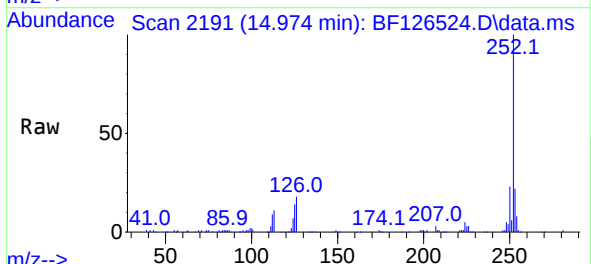
APPROVED

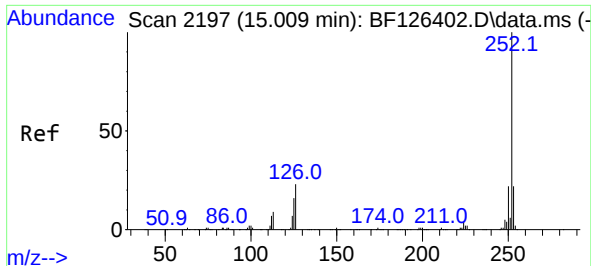
Reviewed By :Christian Giraldo 01/07/2022
 Supervised By :Jagrut Upadhyay 01/07/2022



#88
 Benzo(b)fluoranthene
 Concen: 14.930 ng m
 RT: 14.974 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Tgt Ion:252 Resp: 165132
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 14.4 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 4.873 ng m

RT: 15.004 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF126524.D

Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

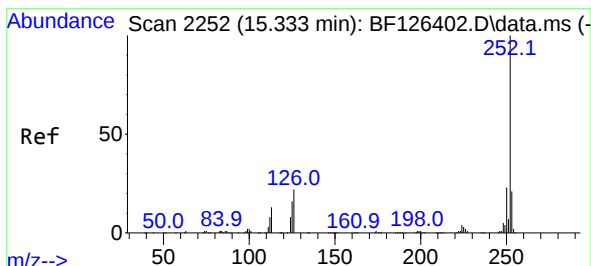
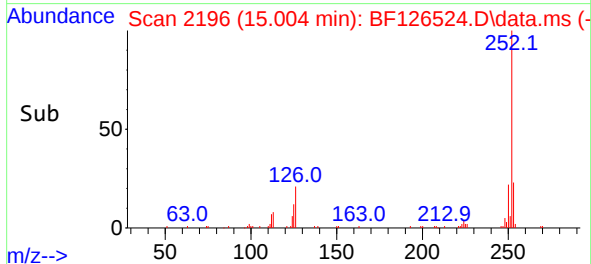
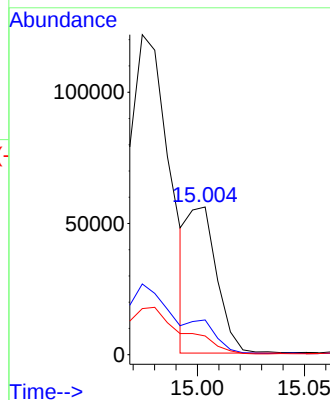
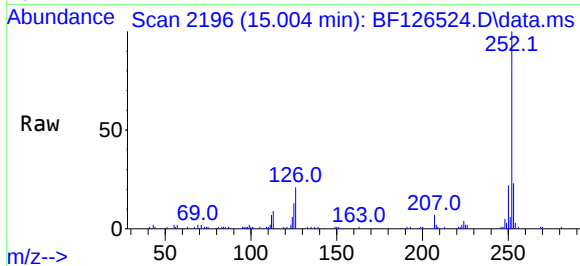
RP-RB21137

Tgt Ion:252	Resp:	5221
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.5 26.3
125	12.7	11.8 17.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#90

Benzo(a)pyrene

Concen: 11.194 ng

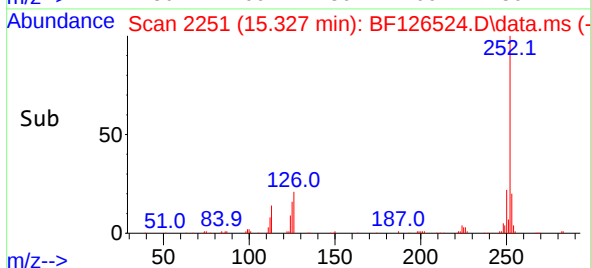
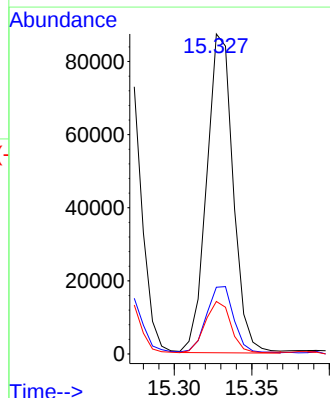
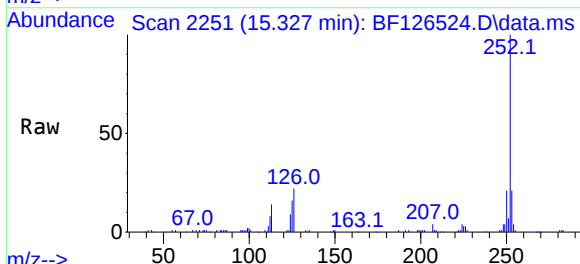
RT: 15.327 min Scan# 2251

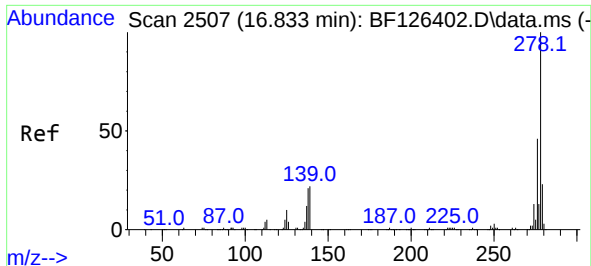
Delta R.T. 0.000 min

Lab File: BF126524.D

Acq: 6 Jan 2022 18:04

Tgt Ion:252	Resp:	103810
Ion Ratio	Lower	Upper
252	100	
253	20.8	17.1 25.7
125	16.4	13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 2.107 ng
RT: 16.815 min Scan# 21124
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

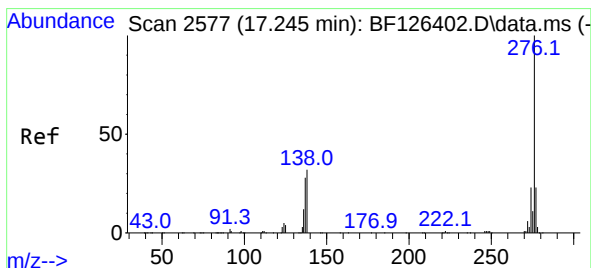
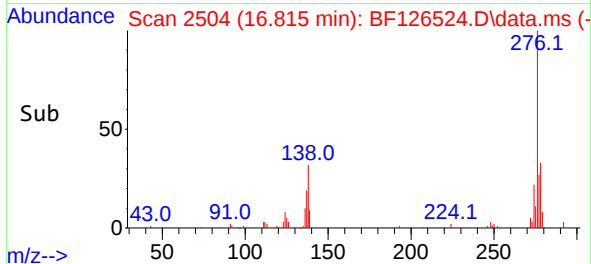
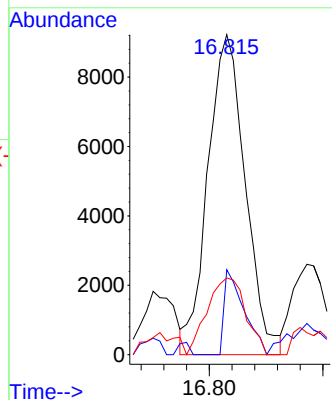
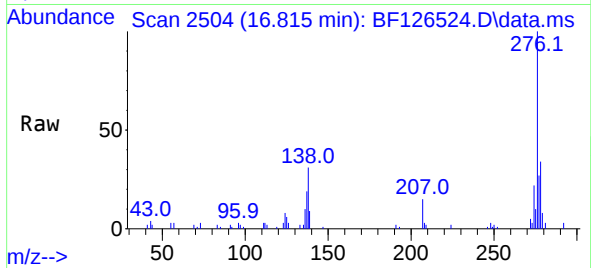
RP-RB21137

Tgt Ion:278 Resp: 21124
Ion Ratio Lower Upper
278 100
139 26.5 18.0 27.0
279 24.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#92
Benzo(g,h,i)perylene
Concen: 5.987 ng
RT: 17.233 min Scan# 2575
Delta R.T. 0.000 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:276 Resp: 63917
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 29.9 25.9 38.9

