

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126674.D
 Acq On : 25 Jan 2022 20:04
 Operator : CG/JU
 Sample : N1245-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0.5-1)

Quant Time: Jan 26 00:23:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2022
 Supervised By :Jagrut Upadhyay 01/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	106824	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	400213	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	207572	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	302207	20.000	ng	0.00
76) Chrysene-d12	14.145	240	221363	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	220473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	841249	103.628	ng	0.00
7) Phenol-d6	6.575	99	1132304	100.391	ng	0.00
23) Nitrobenzene-d5	7.522	82	842268	82.374	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	197395	101.616	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	998175	73.647	ng	0.00
79) Terphenyl-d14	13.086	244	770774	58.401	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.516	178	87151	5.048	ng	99
75) Fluoranthene	12.710	202	214530	12.580	ng	98
78) Pyrene	12.939	202	179507	10.028	ng	99
81) Benzo(a)anthracene	14.133	228	108582	7.217	ng	95
83) Chrysene	14.168	228	108382m	7.486	ng	
87) Indeno(1,2,3-cd)pyrene	17.221	276	59691	4.382	ng	# 88
88) Benzo(b)fluoranthene	15.215	252	153438m	10.495	ng	
89) Benzo(k)fluoranthene	15.239	252	46831m	3.262	ng	
90) Benzo(a)pyrene	15.598	252	97557m	8.201	ng	
92) Benzo(g,h,i)perylene	17.698	276	52627	4.756	ng	# 86

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

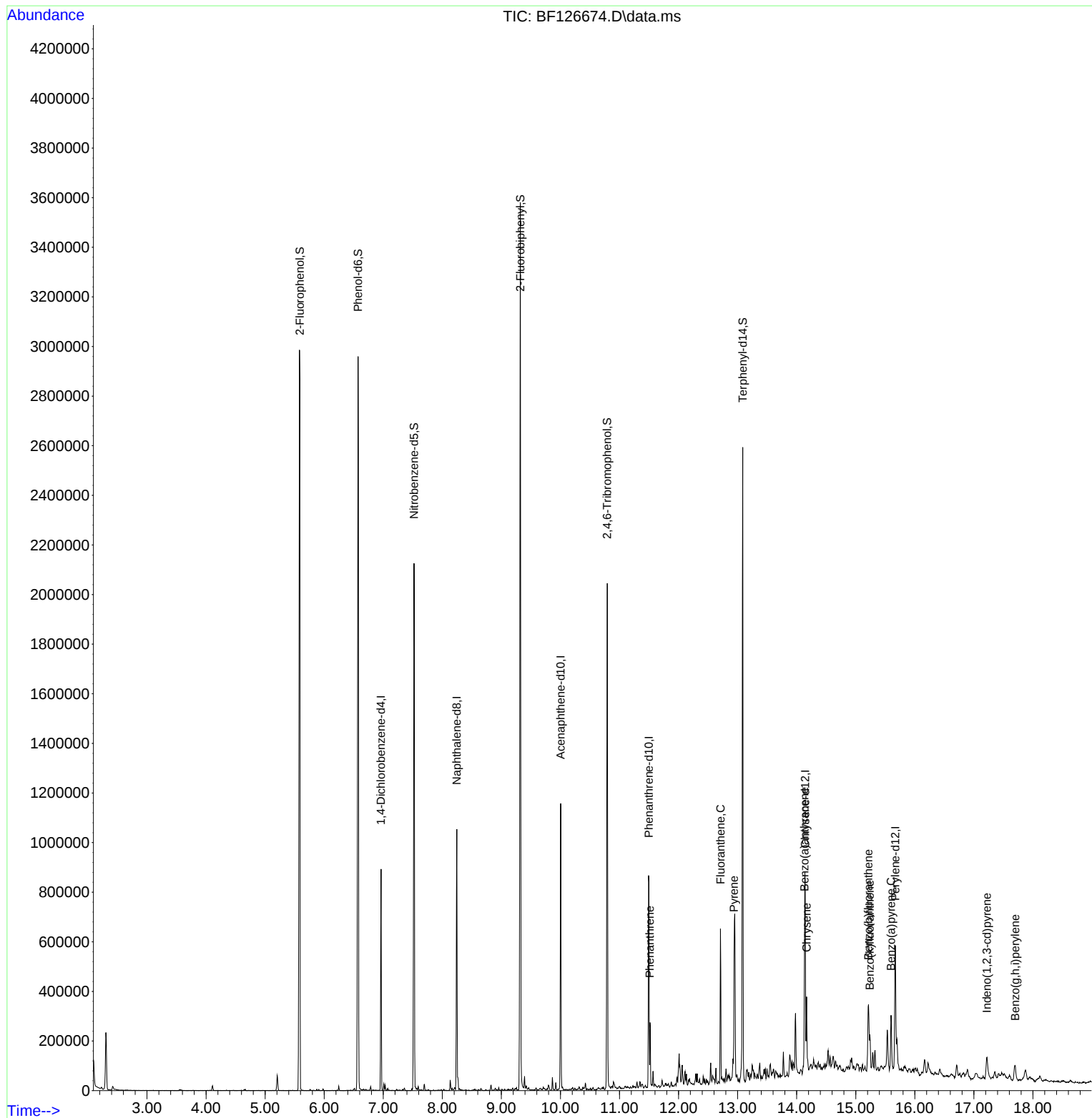
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126674.D
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ALS Vial : 22 Sample Multiplier: 1

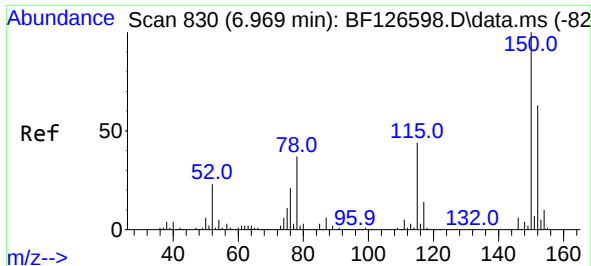
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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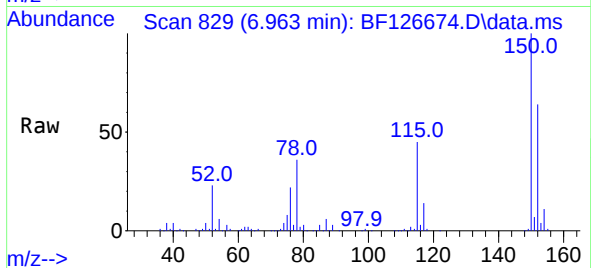
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

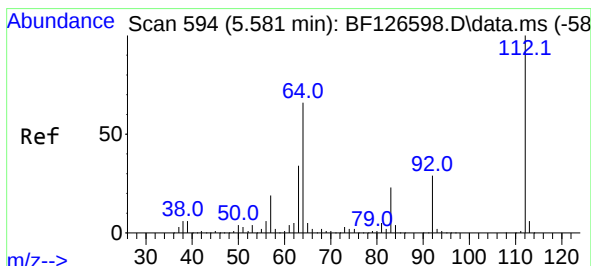
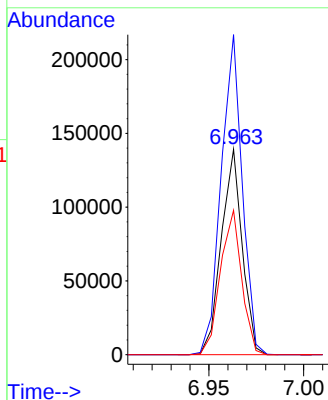
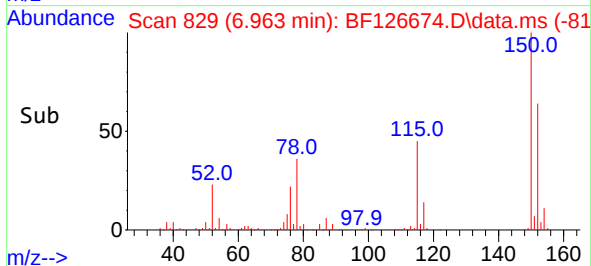
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



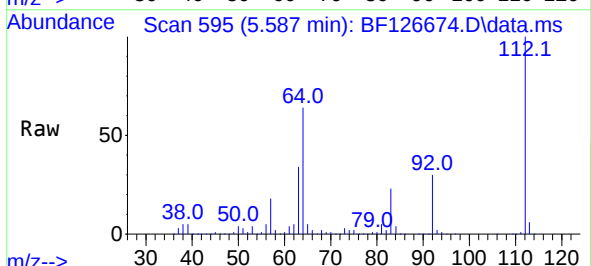
Tgt Ion:152 Resp: 106824
Ion Ratio Lower Upper
152 100
150 155.7 128.1 192.1
115 70.3 56.7 85.1

Manual Integrations
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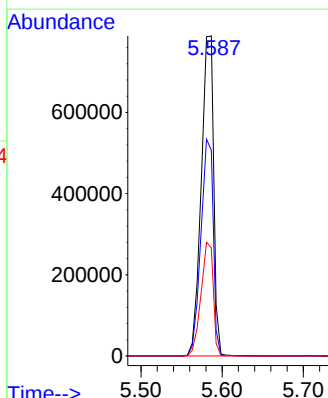
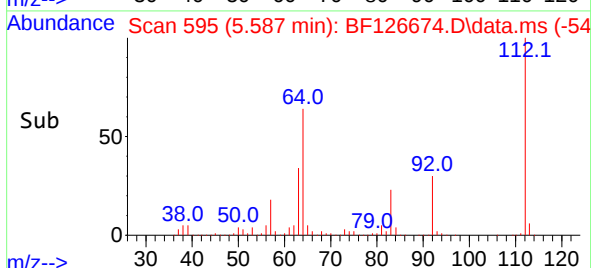
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

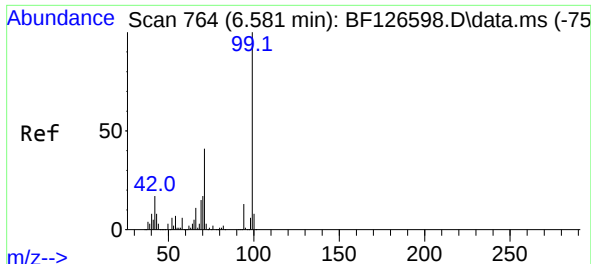


#5
2-Fluorophenol
Concen: 103.628 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



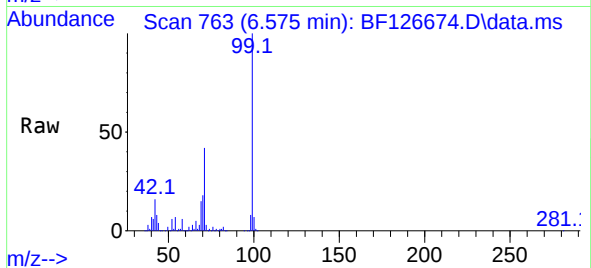
Tgt Ion:112 Resp: 841249
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 33.8 23.9 35.9





#7
Phenol-d6
Concen: 100.391 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

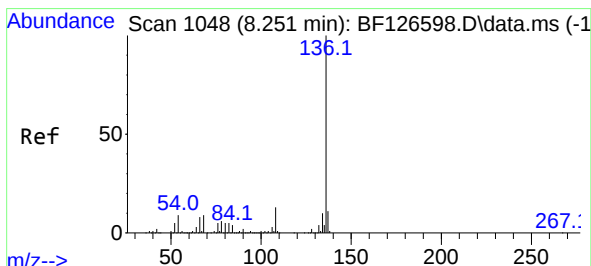
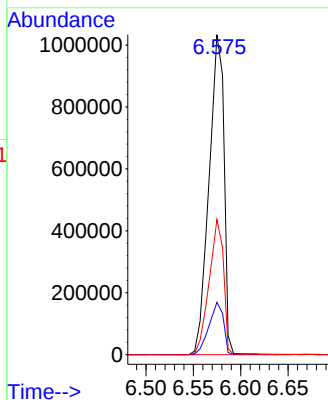
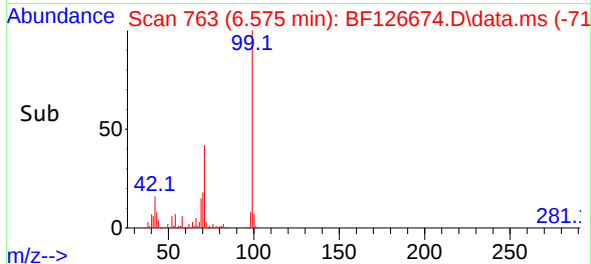
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



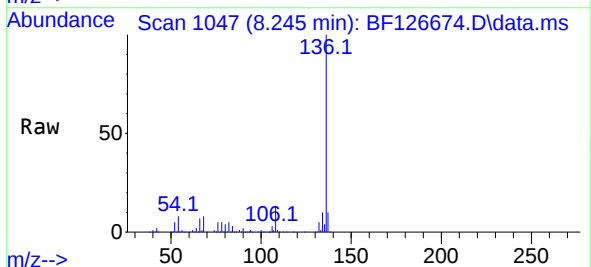
Tgt Ion: 99 Resp: 1132304
Ion Ratio Lower Upper
99 100
42 16.3 14.2 21.4
71 42.3 24.3 36.5

Manual Integrations
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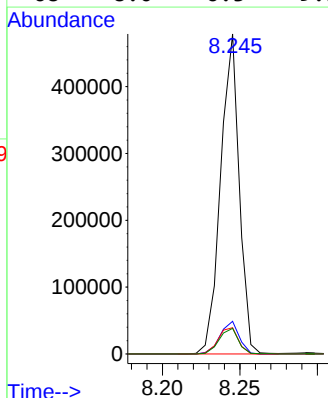
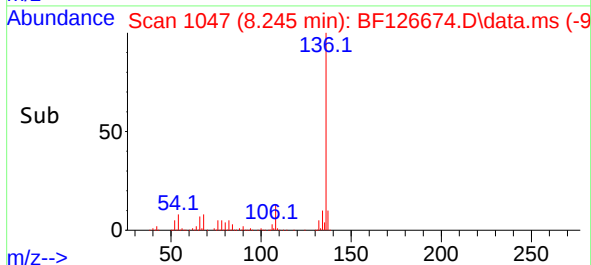
Reviewed By :Christian Giraldo 01/26/2022
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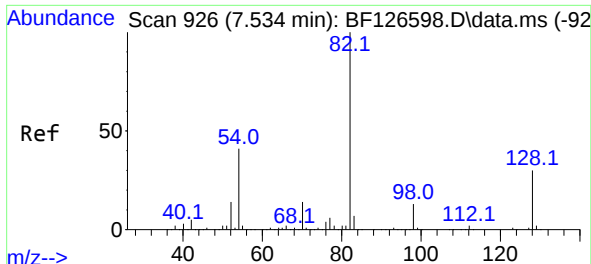


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



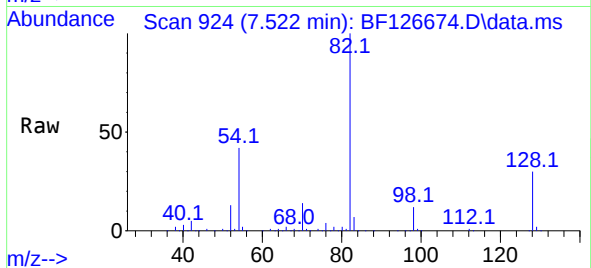
Tgt Ion:136 Resp: 400213
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.2 7.8 11.6
68 8.0 6.3 9.5





#23
Nitrobenzene-d5
Concen: 82.374 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

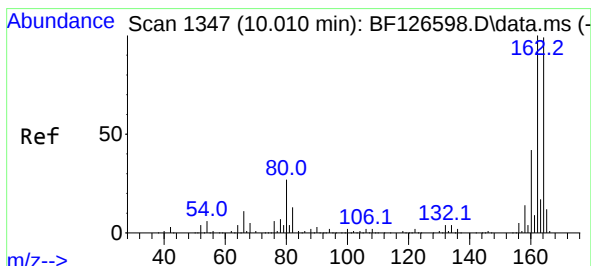
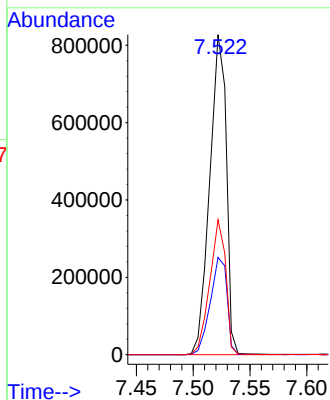
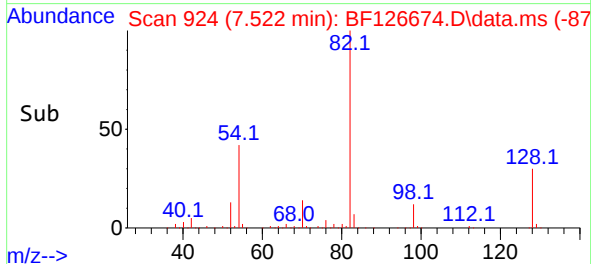
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



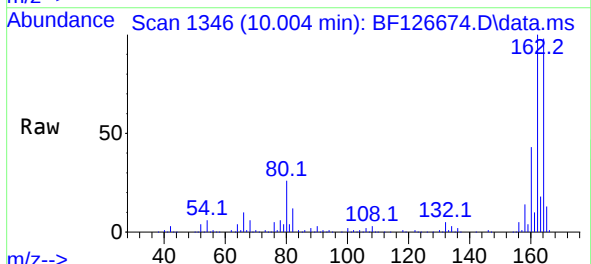
Tgt Ion: 82 Resp: 842268
Ion Ratio Lower Upper
82 100
128 30.4 32.7 49.1
54 42.2 41.7 62.5

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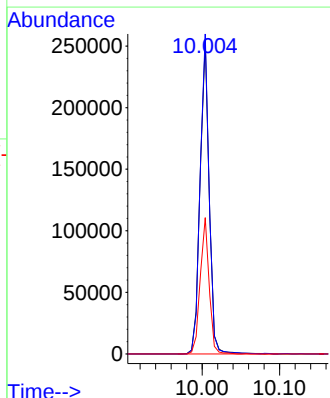
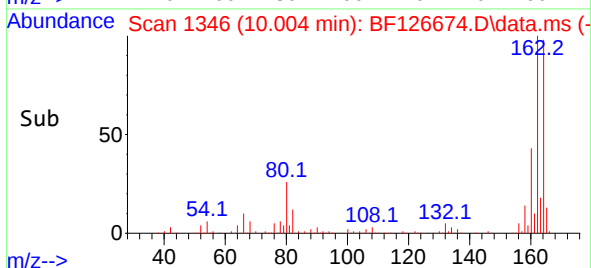
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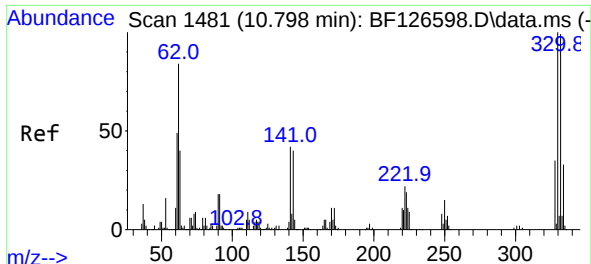


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



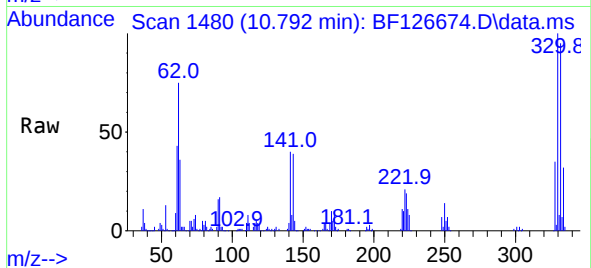
Tgt Ion:164 Resp: 207572
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 43.6 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 101.616 ng
RT: 10.792 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

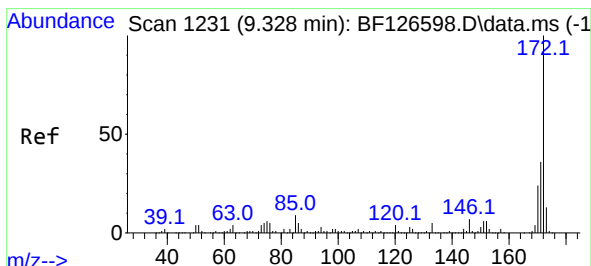
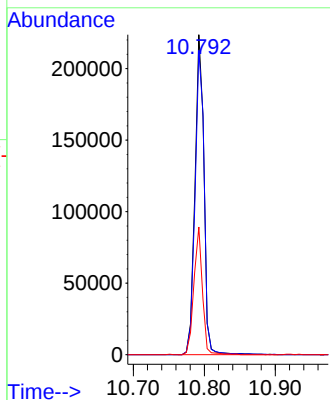
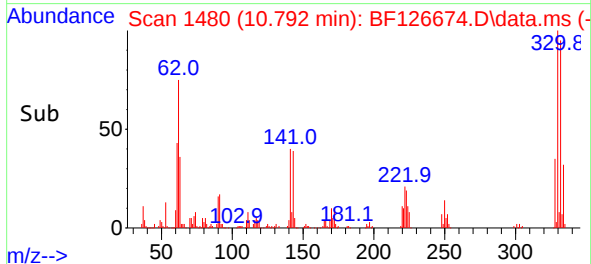
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



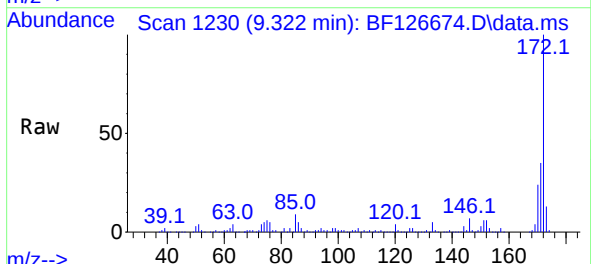
Tgt Ion: 330 Resp: 197395
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 38.0 30.1 45.1

Manual Integrations
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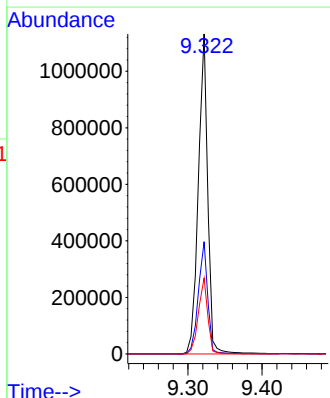
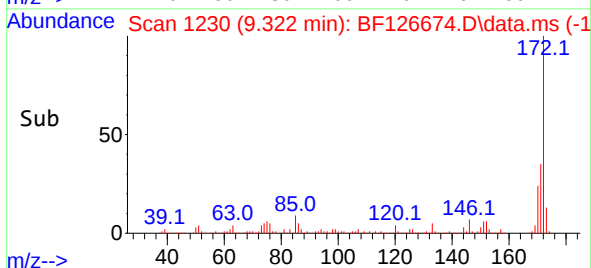
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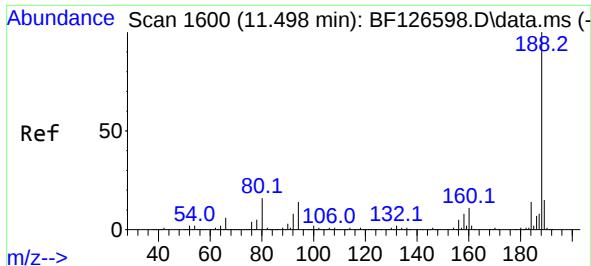


#45
2-Fluorobiphenyl
Concen: 73.647 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



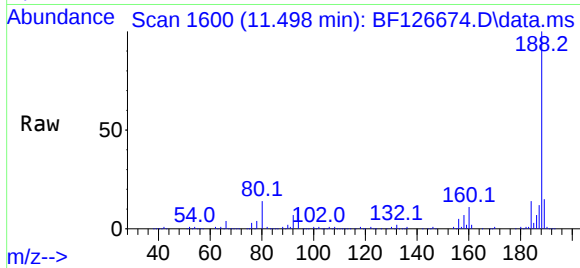
Tgt Ion: 172 Resp: 998175
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

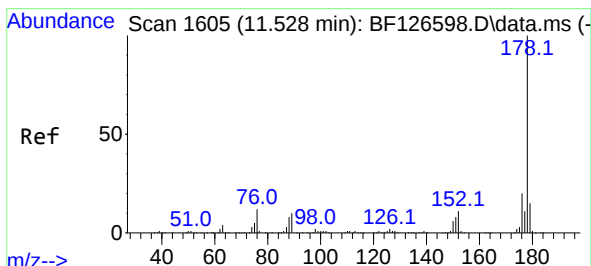
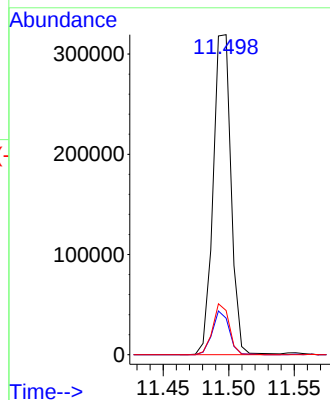
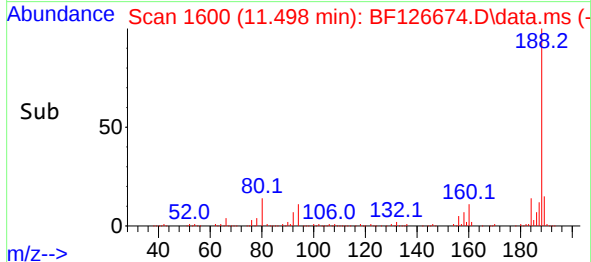
Instrument :
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SB-2(0.5-1)



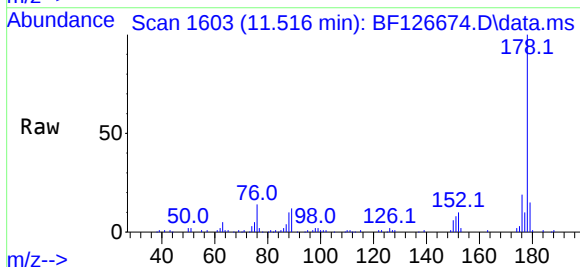
Tgt Ion:188 Resp: 30220
Ion Ratio Lower Upper
188 100
94 11.4 10.1 15.1
80 13.8 11.8 17.6

Manual Integrations
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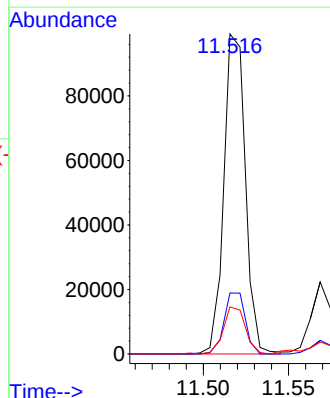
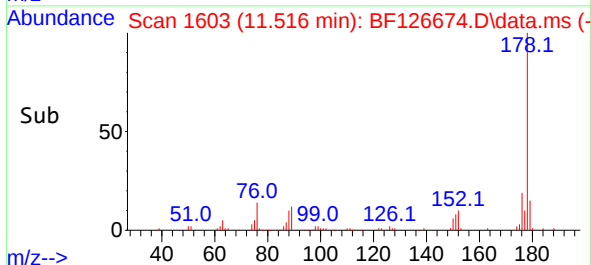
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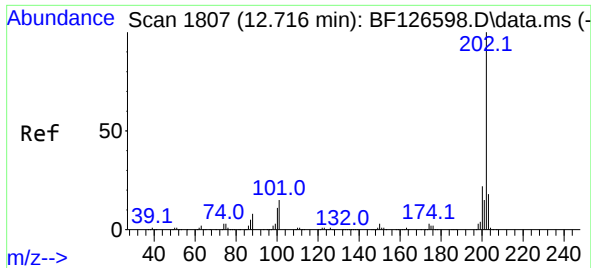


#71
Phenanthrene
Concen: 5.048 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



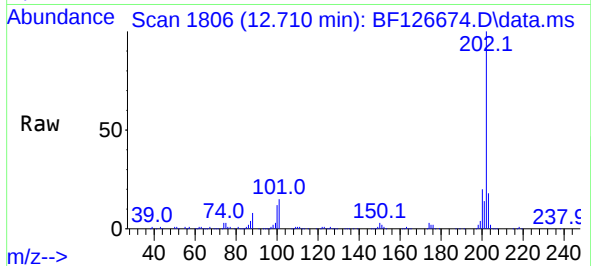
Tgt Ion:178 Resp: 87151
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.7 12.3 18.5





#75
Fluoranthene
Concen: 12.580 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

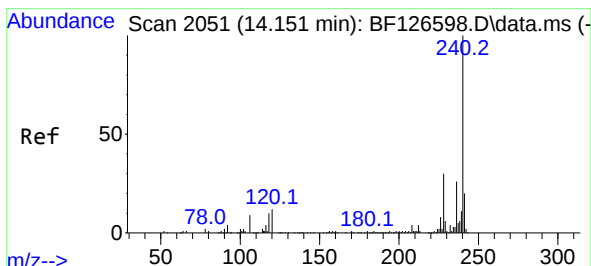
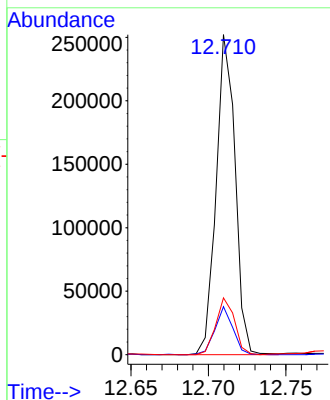
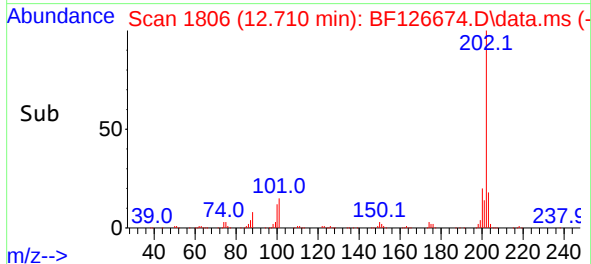
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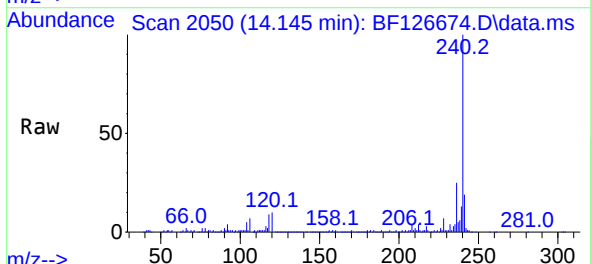
Tgt Ion:202 Resp: 214530
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.7
203 17.7 0.0 37.1

Manual Integrations
APPROVED

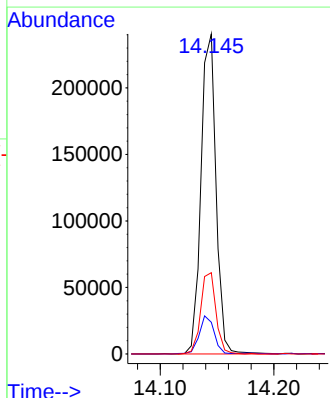
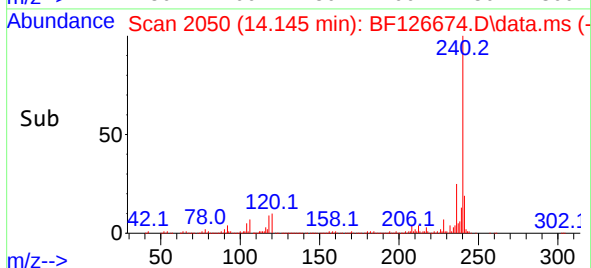
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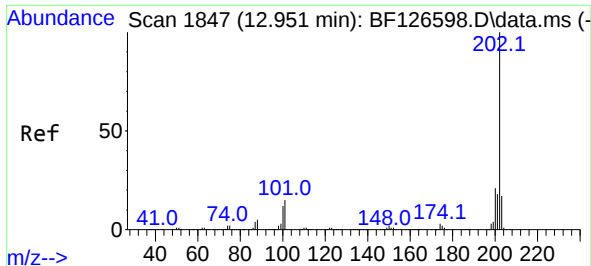


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



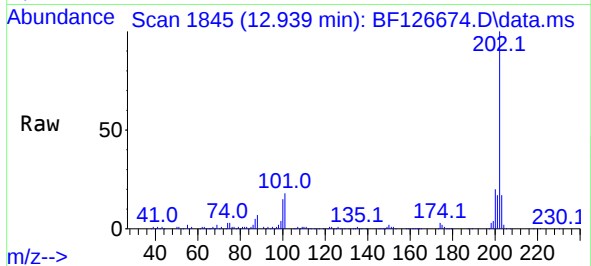
Tgt Ion:240 Resp: 221363
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 25.4 20.5 30.7





#78
Pyrene
Concen: 10.028 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

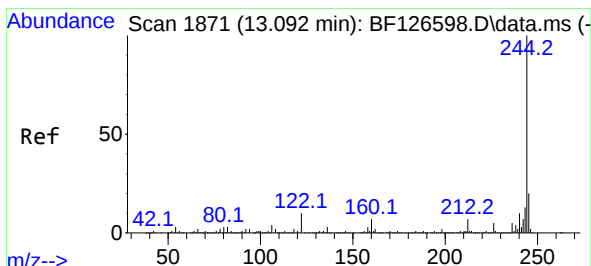
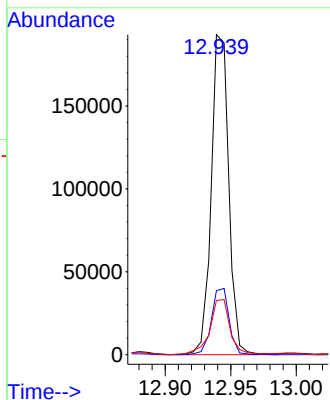
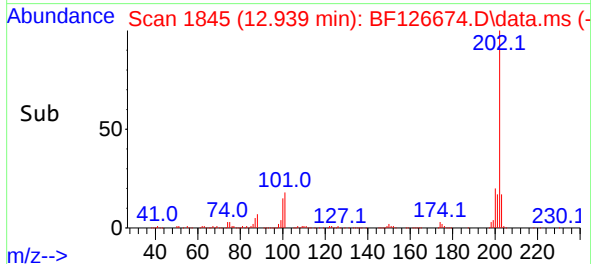
Instrument :
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SB-2(0.5-1)



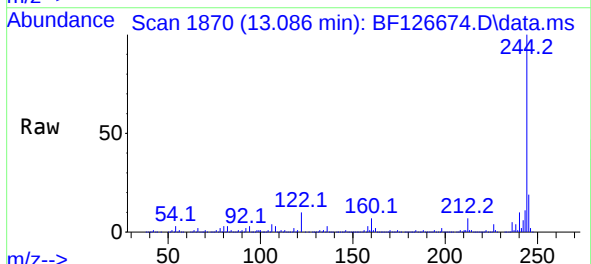
Tgt Ion:202 Resp: 17950
Ion Ratio Lower Upper
202 100
200 20.0 16.6 24.8
203 17.0 13.8 20.8

Manual Integrations
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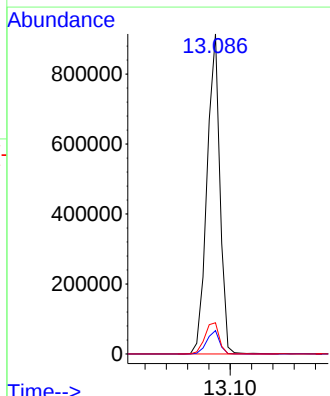
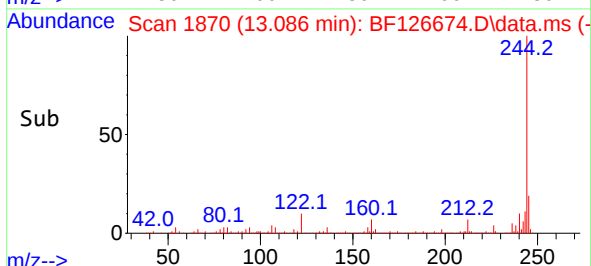
Reviewed By :Christian Giraldo 01/26/2022
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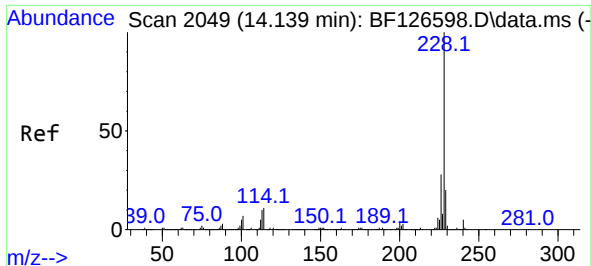


#79
Terphenyl-d14
Concen: 58.401 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



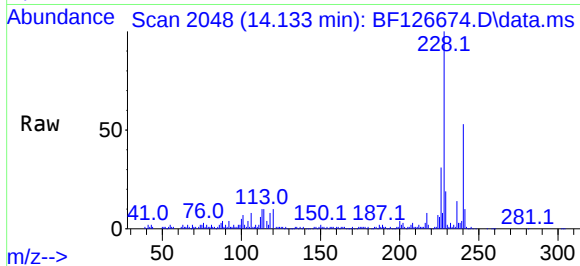
Tgt Ion:244 Resp: 770774
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 9.8 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 7.217 ng
RT: 14.133 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

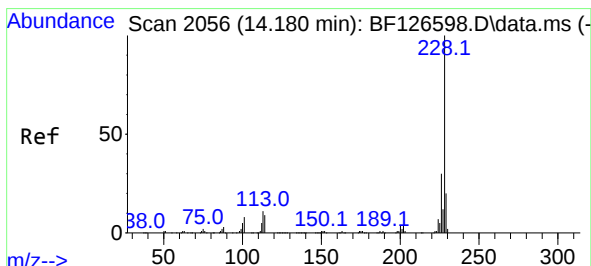
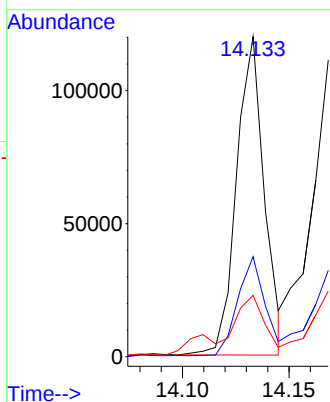
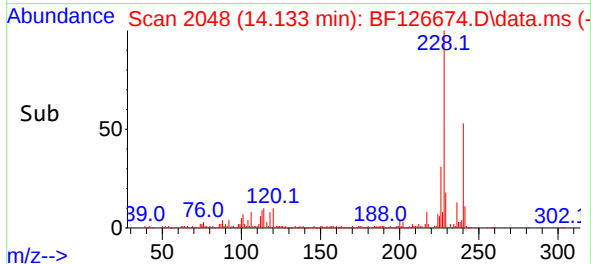
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



Tgt Ion:228 Resp: 108582
Ion Ratio Lower Upper
228 100
226 31.3 21.4 32.0
229 19.1 15.4 23.2

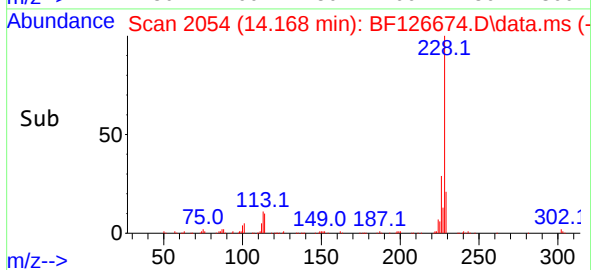
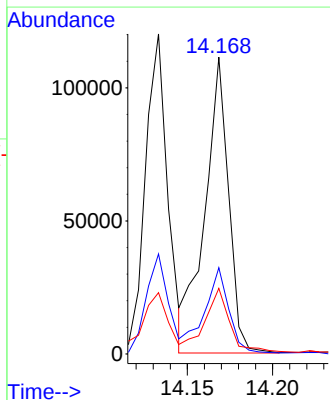
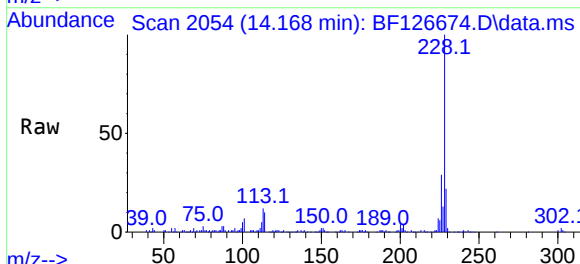
Manual Integrations
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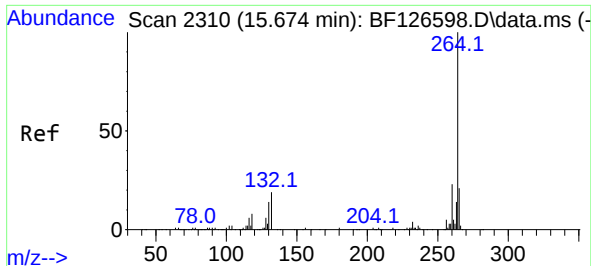
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#83
Chrysene
Concen: 7.486 ng m
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

Tgt Ion:228 Resp: 108382
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 22.1 15.5 23.3





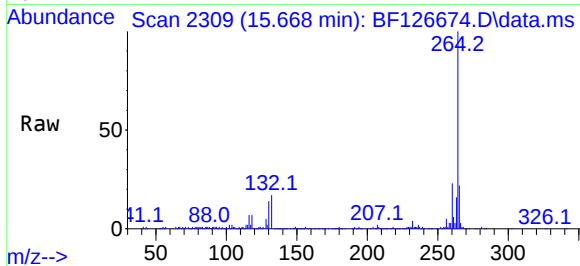
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

Instrument :

BNA_F

ClientSampleId :

SB-2(0.5-1)

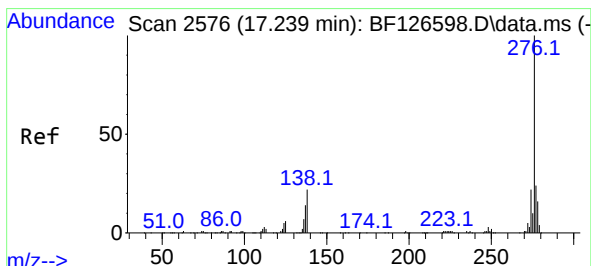
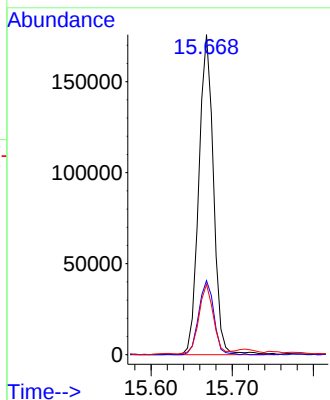
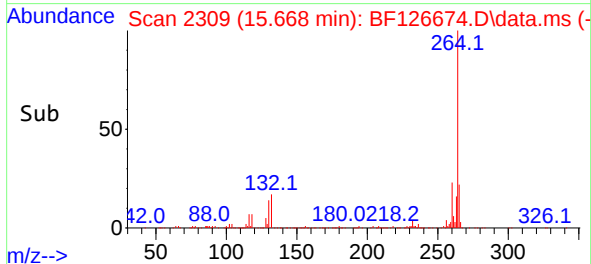


Tgt Ion:264 Resp: 22047
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.0 17.4 26.2

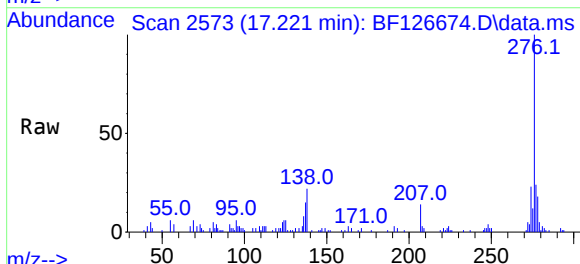
Manual Integrations

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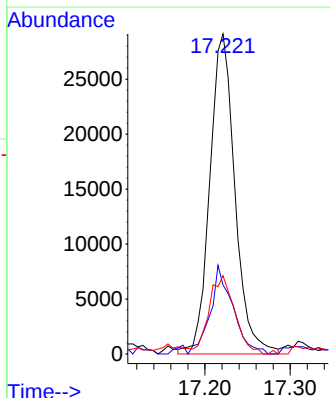
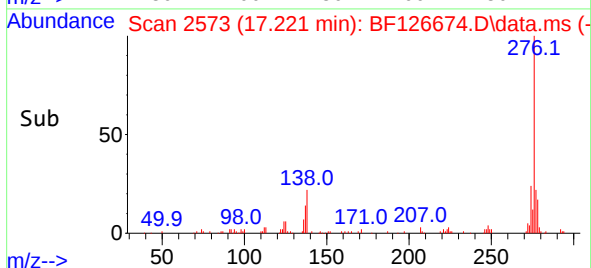
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

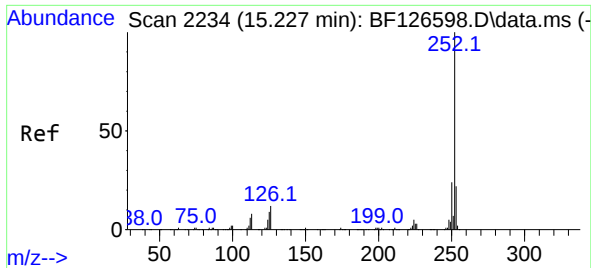


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.382 ng
RT: 17.221 min Scan# 2573
Delta R.T. -0.018 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



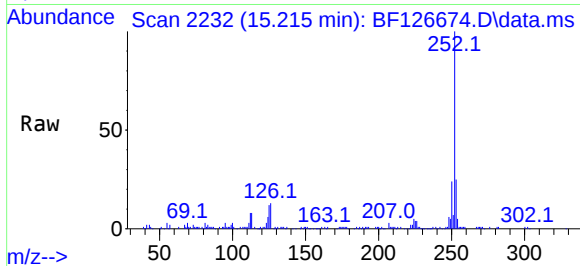
Tgt Ion:276 Resp: 59691
Ion Ratio Lower Upper
276 100
138 24.8 29.2 43.8#
277 24.8 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 10.495 ng m
RT: 15.215 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

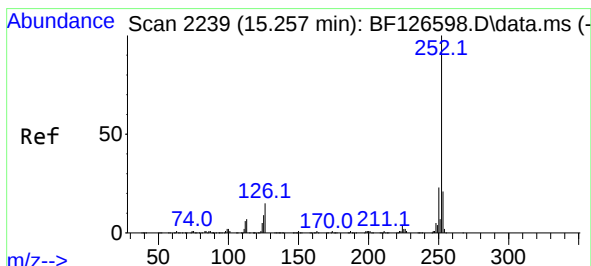
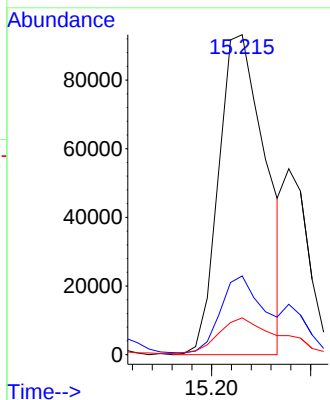
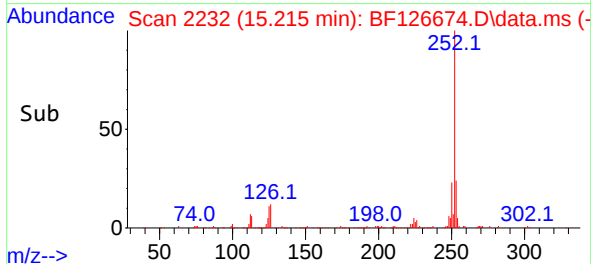
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



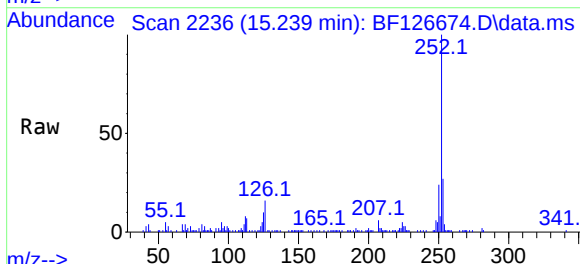
Tgt Ion:252 Resp: 153438
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 11.5 12.4 18.6

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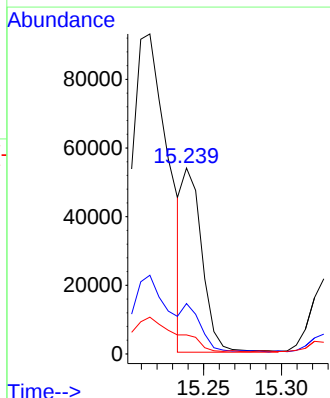
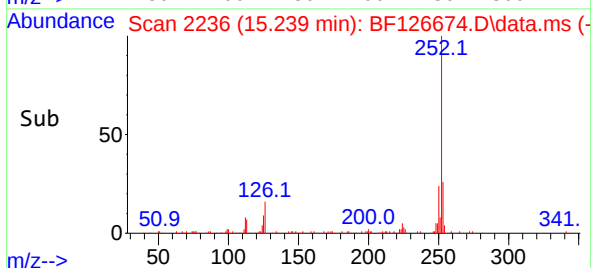
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

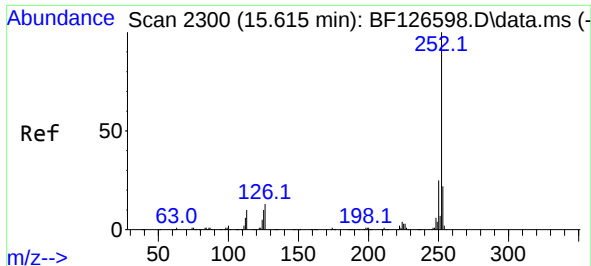


#89
Benzo(k)fluoranthene
Concen: 3.262 ng m
RT: 15.239 min Scan# 2236
Delta R.T. -0.018 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



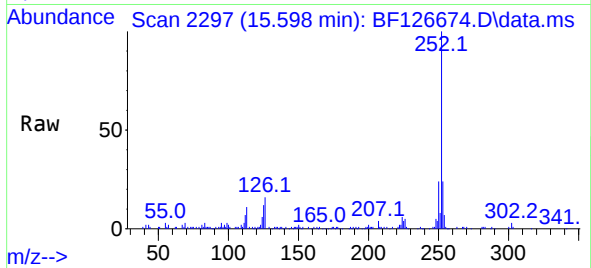
Tgt Ion:252 Resp: 46831
Ion Ratio Lower Upper
252 100
253 27.1 17.5 26.3#
125 10.2 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 8.201 ng m
RT: 15.598 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04

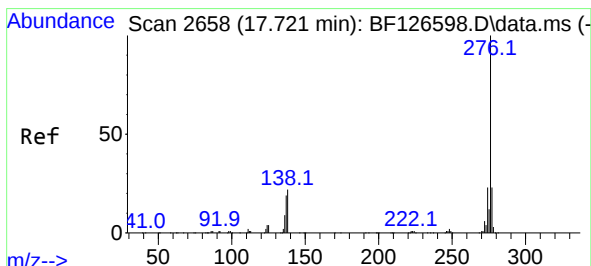
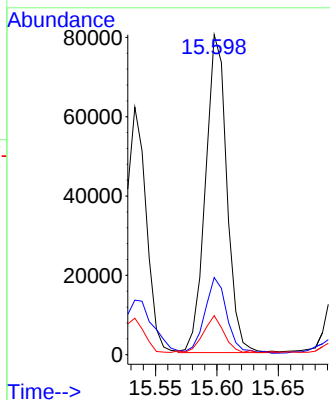
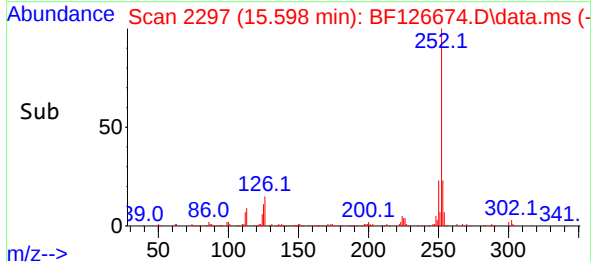
Instrument :
BNA_F
ClientSampleId :
SB-2(0.5-1)



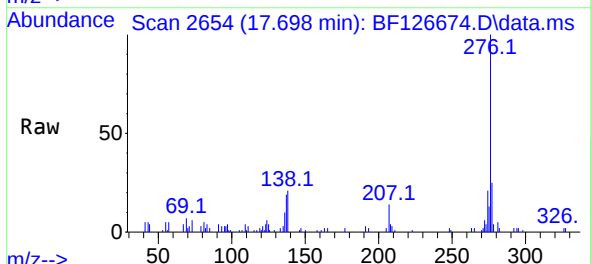
Tgt Ion:252 Resp: 9755
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 12.2 13.0 19.6

Manual Integrations
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Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#92
Benzo(g,h,i)perylene
Concen: 4.756 ng
RT: 17.698 min Scan# 2654
Delta R.T. -0.024 min
Lab File: BF126674.D
Acq: 25 Jan 2022 20:04



Tgt Ion:276 Resp: 52627
Ion Ratio Lower Upper
276 100
277 25.5 18.5 27.7
138 20.7 25.9 38.9

