

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130675.D
 Acq On : 14 Oct 2022 20:21
 Operator : CG\JU
 Sample : N5140-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 02:23:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	71726	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	273154	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	130720	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	172807	20.000	ng	-0.01
76) Chrysene-d12	13.721	240	148500	20.000	ng	0.00
86) Perylene-d12	15.098	264	159144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	475221	119.428	ng	0.00
7) Phenol-d6	6.234	99	587693	117.470	ng	0.00
23) Nitrobenzene-d5	7.151	82	362052	72.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	140128	109.553	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	707737	82.011	ng	-0.01
79) Terphenyl-d14	12.674	244	502464	56.159	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.110	178	49596	5.180	ng	97
75) Fluoranthene	12.298	202	140268	15.244	ng	99
78) Pyrene	12.521	202	137515	10.734	ng	100
81) Benzo(a)anthracene	13.709	228	113778	11.371	ng	97
83) Chrysene	13.745	228	95770	10.095	ng	97
84) Bis(2-ethylhexyl)phtha...	13.709	149	54100	9.059	ng	99
87) Indeno(1,2,3-cd)pyrene	16.386	276	54070	4.539	ng	# 94
88) Benzo(b)fluoranthene	14.721	252	149666m	14.852	ng	
89) Benzo(k)fluoranthene	14.739	252	52835m	5.149	ng	
90) Benzo(a)pyrene	15.039	252	100533	11.987	ng	98
92) Benzo(g,h,i)perylene	16.768	276	48239	5.305	ng	98

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

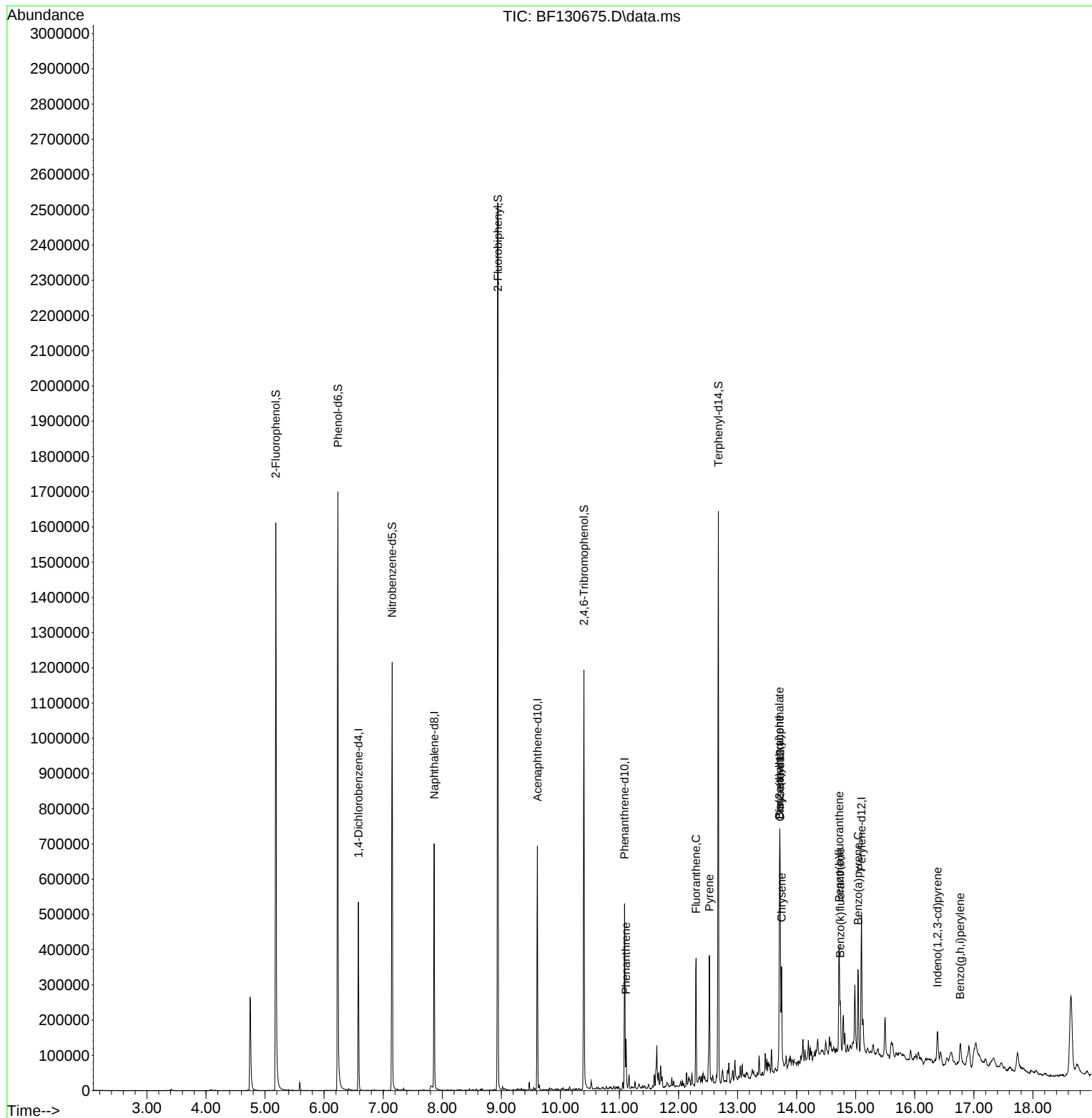
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130675.D
Acq On : 14 Oct 2022 20:21
Operator : CG\JU
Sample : N5140-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

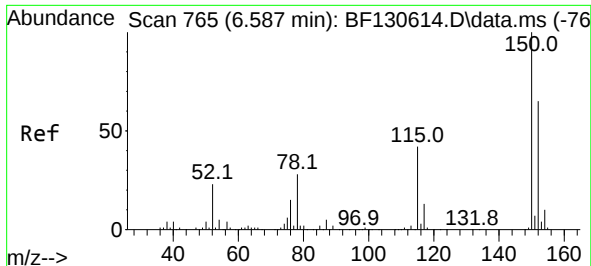
Instrument :
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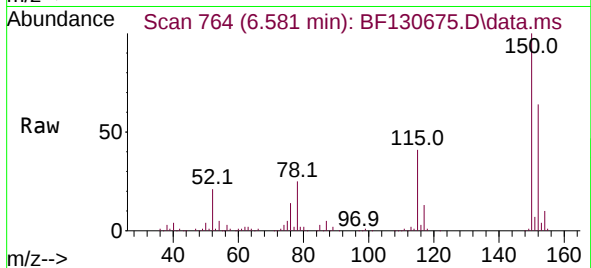
Quant Time: Oct 17 02:23:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

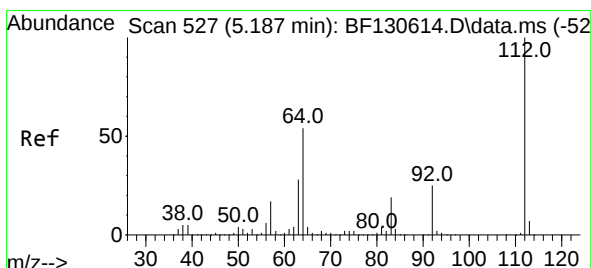
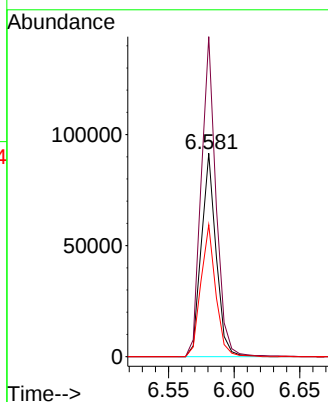
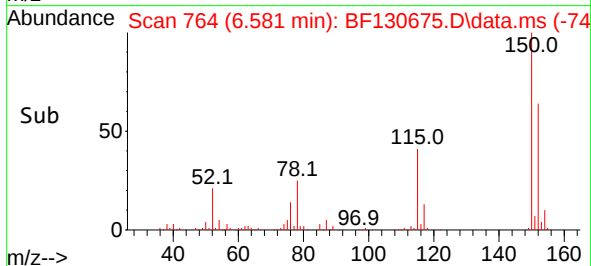
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP



Tgt Ion:152 Resp: 71726
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 64.8 52.2 78.4

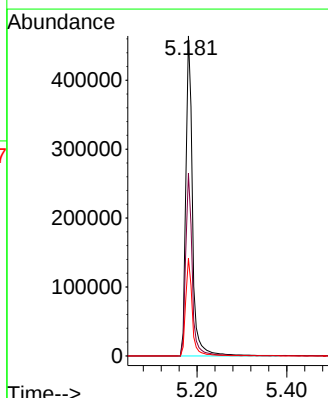
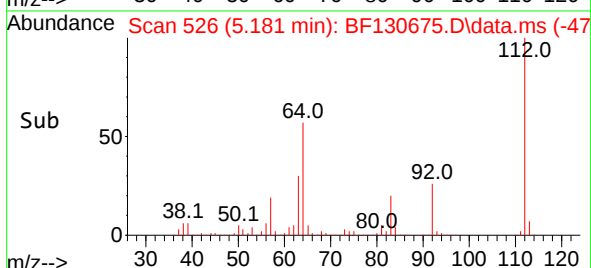
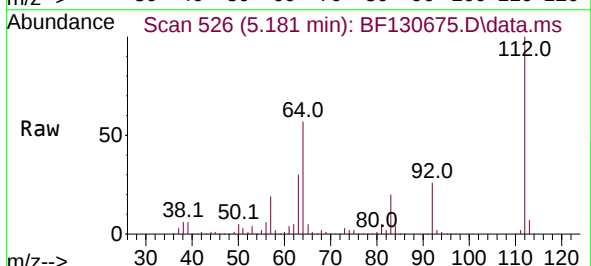
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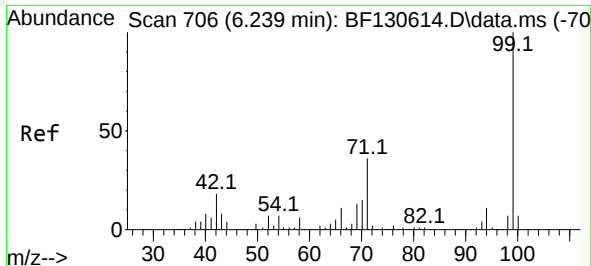
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#5
2-Fluorophenol
Concen: 119.428 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Tgt Ion:112 Resp: 475221
Ion Ratio Lower Upper
112 100
64 57.1 43.5 65.3
63 30.5 22.6 34.0





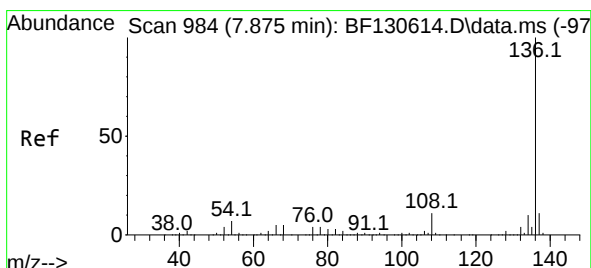
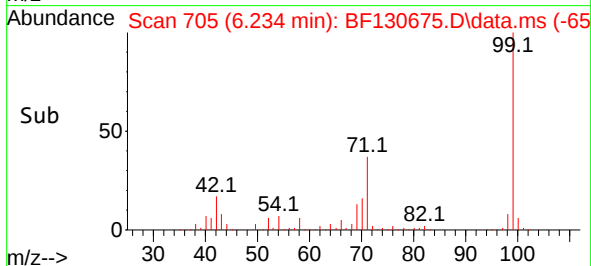
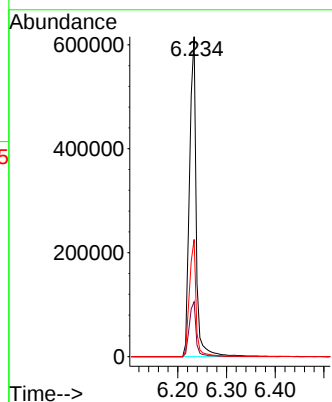
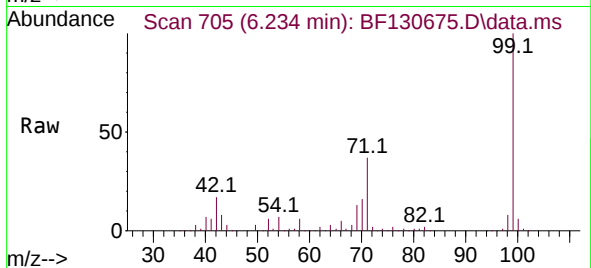
#7
Phenol-d6
Concen: 117.470 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 587693
Ion Ratio Lower Upper
99 100
42 17.1 14.0 21.0
71 36.6 28.8 43.2

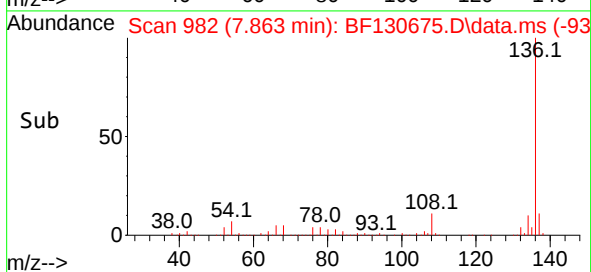
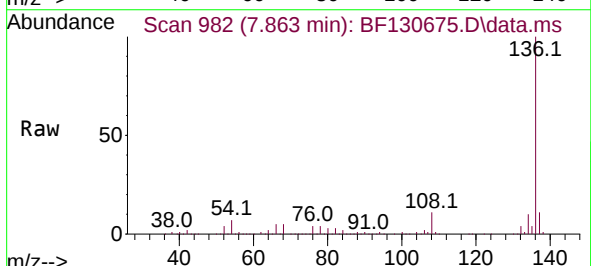
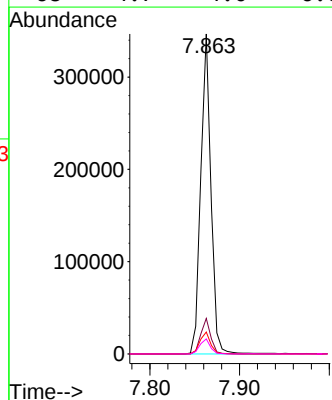
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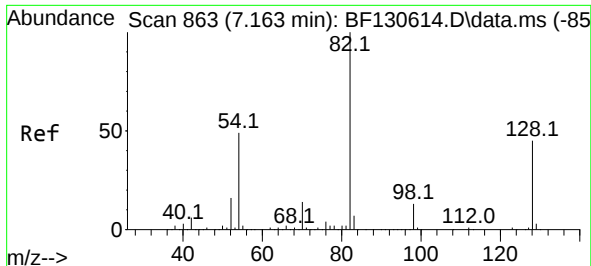
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Tgt Ion:136 Resp: 273154
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 5.5 8.3
68 4.7 4.0 6.0





#23

Nitrobenzene-d5

Concen: 72.357 ng

RT: 7.151 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF130675.D

Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion: 82 Resp: 362052

Ion Ratio Lower Upper

82 100

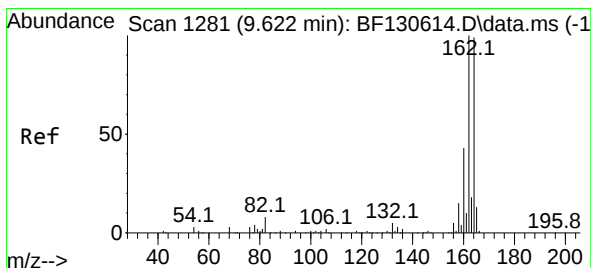
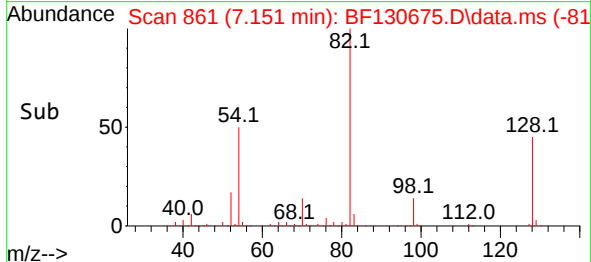
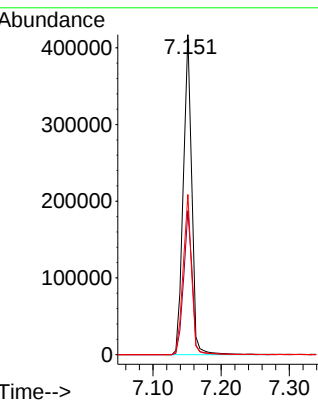
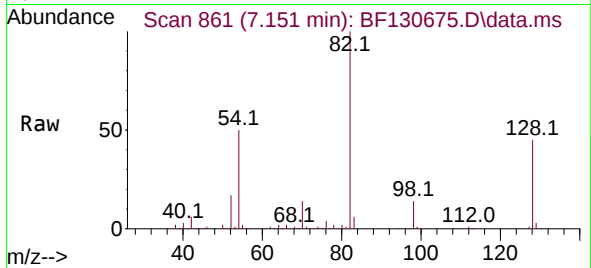
128 45.0 35.8 53.6

54 50.0 39.3 58.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF130675.D

Acq: 14 Oct 2022 20:21

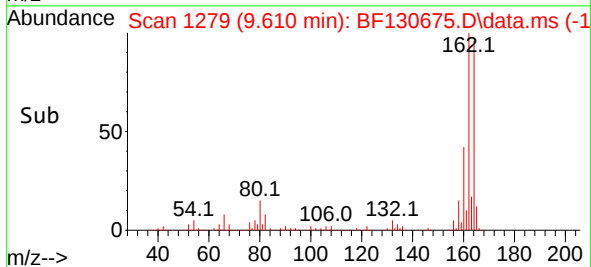
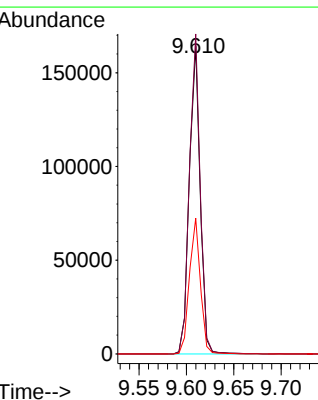
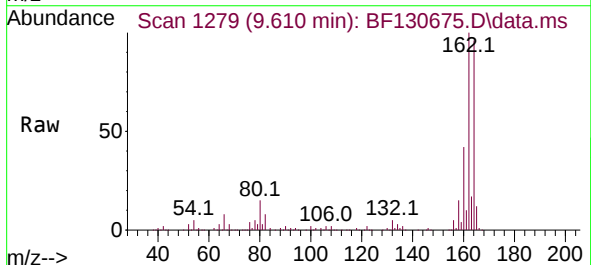
Tgt Ion:164 Resp: 130720

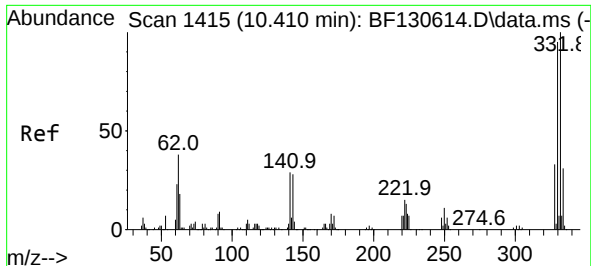
Ion Ratio Lower Upper

164 100

162 104.1 81.0 121.4

160 44.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 109.553 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

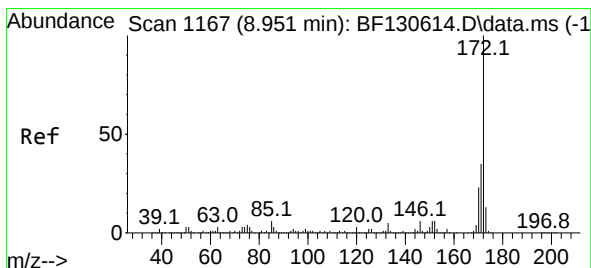
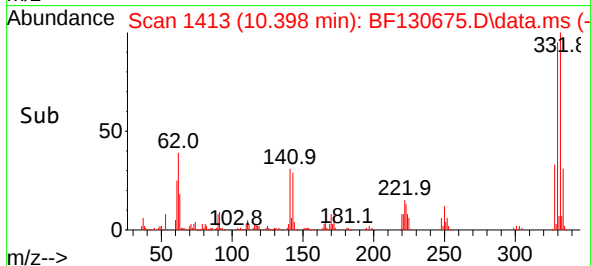
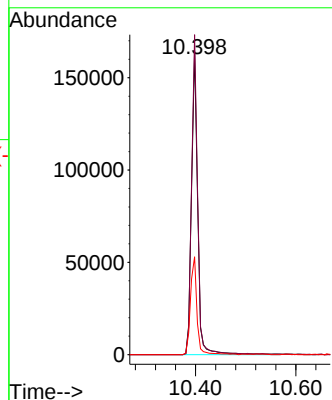
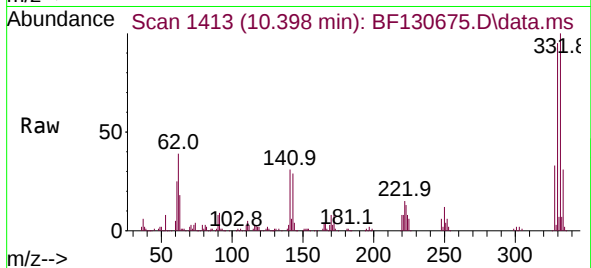
ClientSampleId :

SB-05-COMP

Tgt Ion: 330 Resp: 140128
Ion Ratio Lower Upper
330 100
332 103.6 84.2 126.4
141 33.7 26.8 40.2

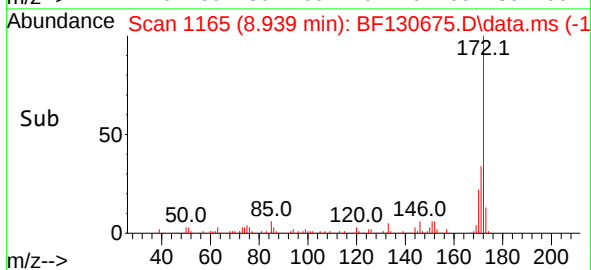
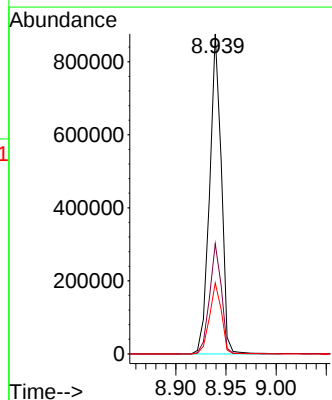
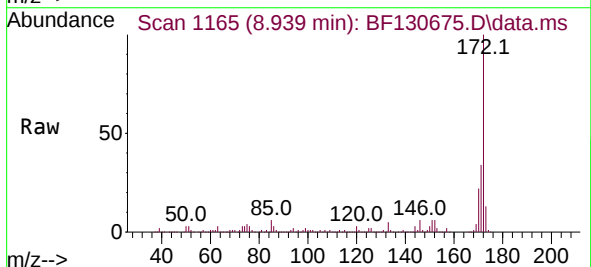
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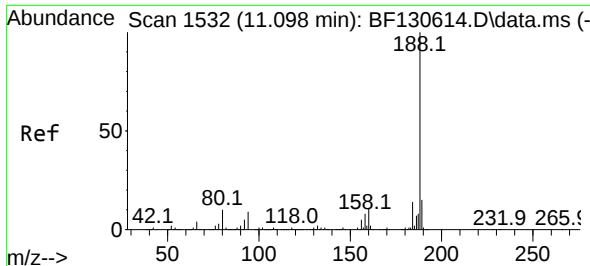
Reviewed By : Christian Giraldo 10/17/2022
Supervised By : mohammad ahmed 10/18/2022



#45
2-Fluorobiphenyl
Concen: 82.011 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

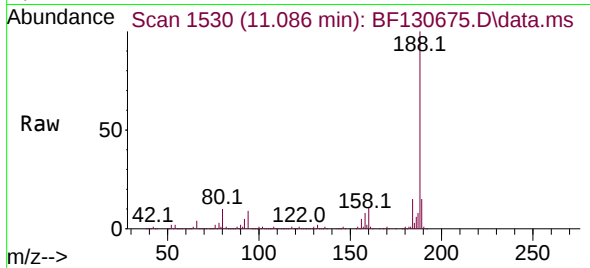
Tgt Ion: 172 Resp: 707737
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

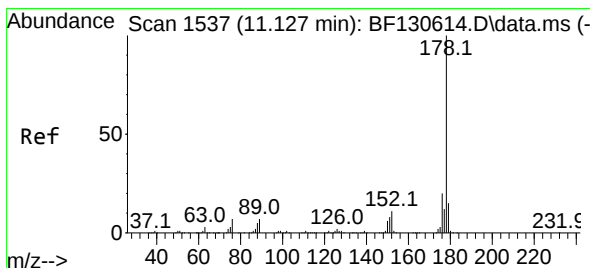
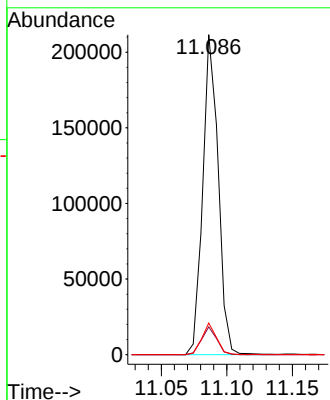
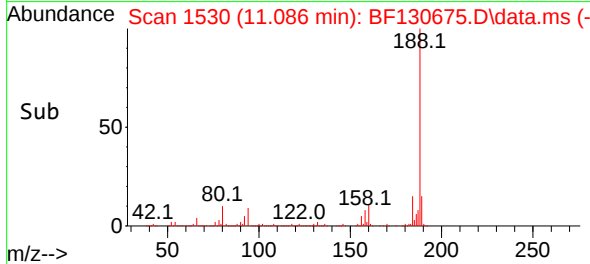
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP



Tgt Ion:188 Resp: 17280
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.9 8.0 12.0

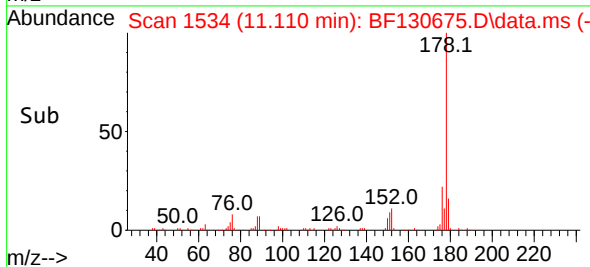
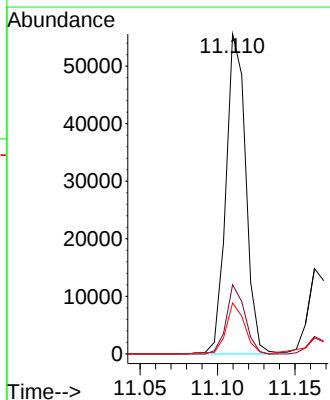
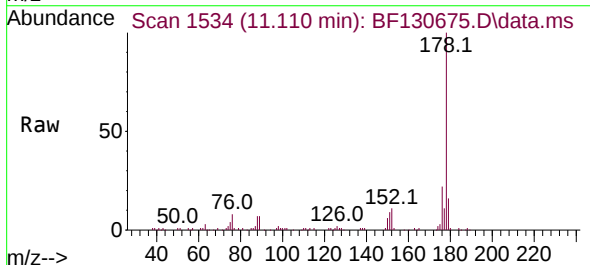
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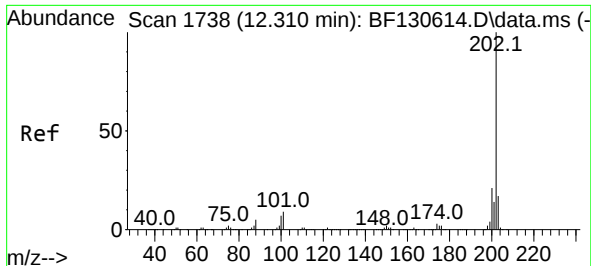
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#71
Phenanthrene
Concen: 5.180 ng
RT: 11.110 min Scan# 1534
Delta R.T. -0.018 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Tgt Ion:178 Resp: 49596
Ion Ratio Lower Upper
178 100
176 21.6 15.7 23.5
179 15.9 12.2 18.4





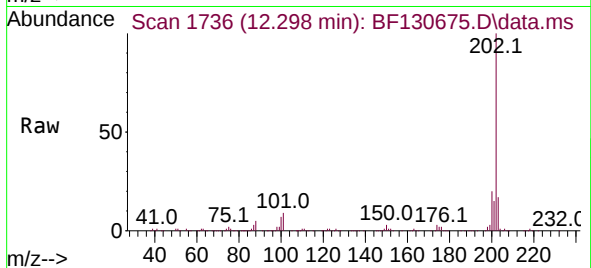
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Fluoranthene
Concen: 15.244 ng
RT: 12.298 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

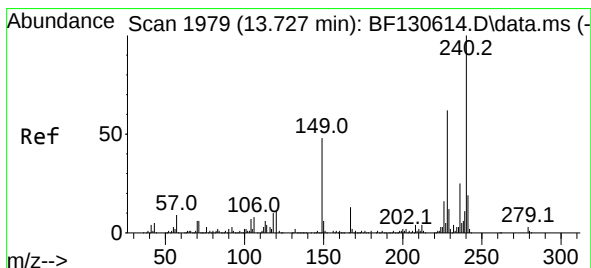
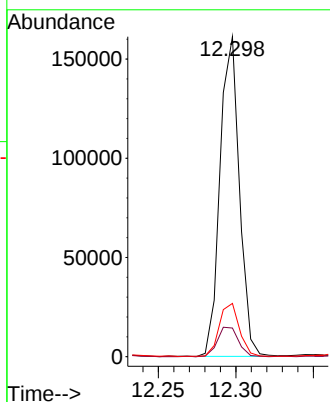
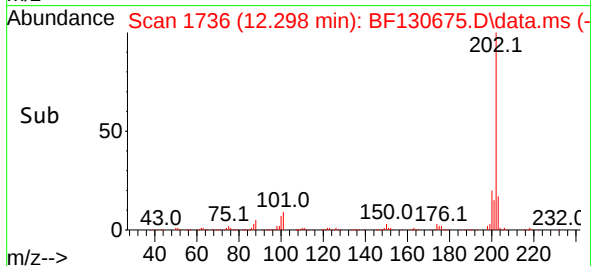


Tgt Ion:202 Resp: 140268
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.1
203 16.6 0.0 37.3

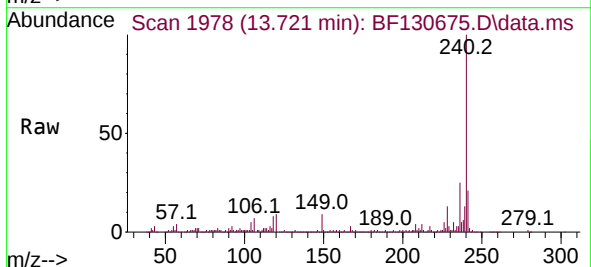
Manual Integrations

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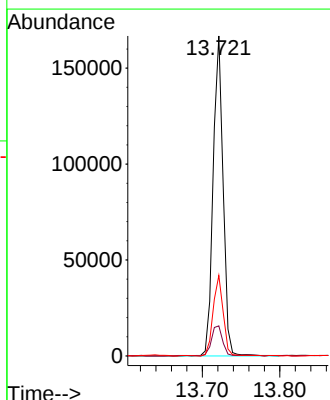
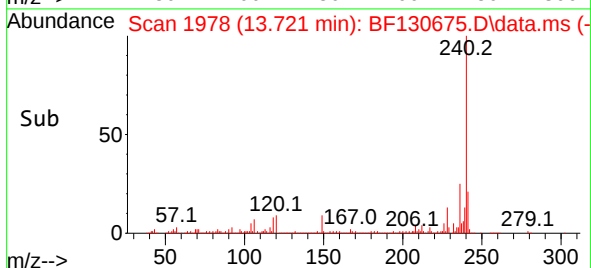
Reviewed By :Christian Giraldo 10/17/2022
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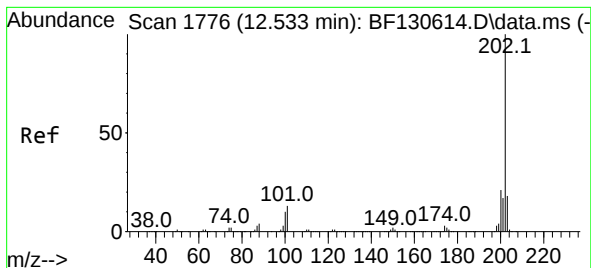


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21



Tgt Ion:240 Resp: 148500
Ion Ratio Lower Upper
240 100
120 9.4 8.6 13.0
236 25.1 20.2 30.4





#78

Pyrene

Concen: 10.734 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF130675.D

Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

ClientSampleId :

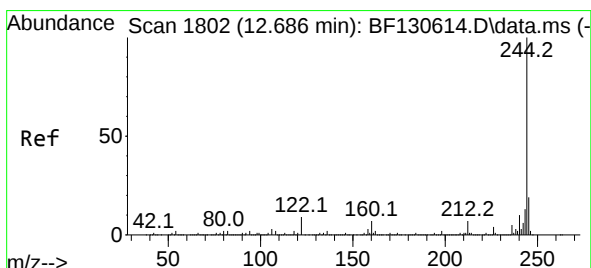
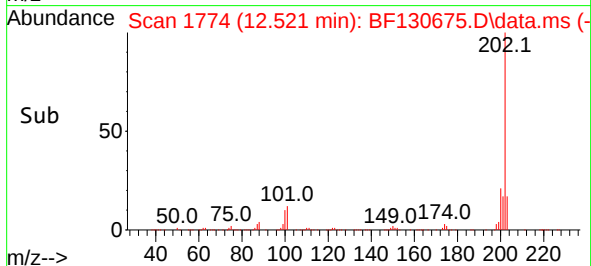
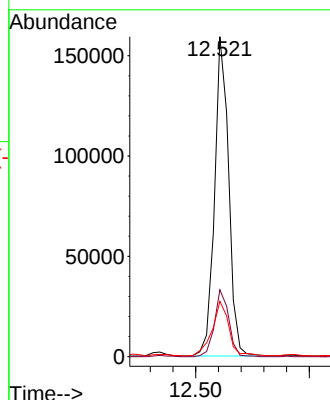
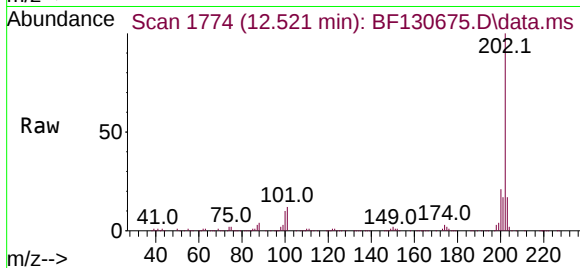
SB-05-COMP

Tgt Ion:	202	Resp:	137515
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.7	25.1
203	17.3	14.0	21.0

Manual Integrations

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#79

Terphenyl-d14

Concen: 56.159 ng

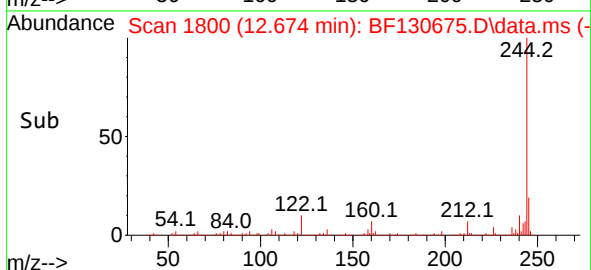
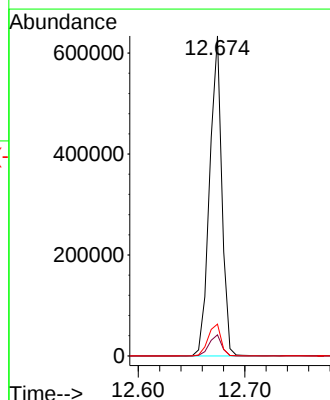
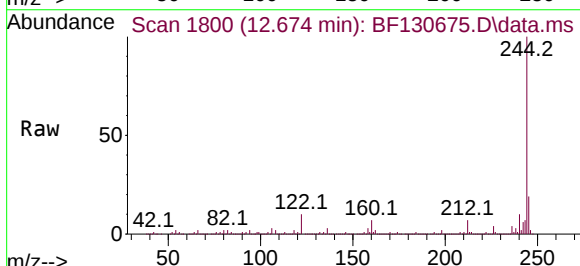
RT: 12.674 min Scan# 1800

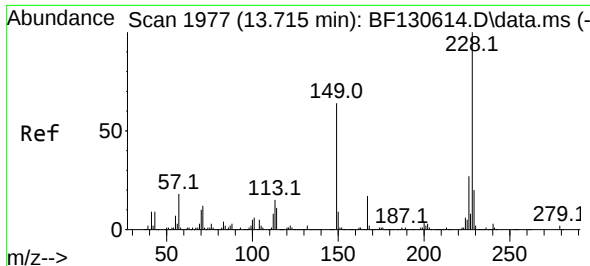
Delta R.T. -0.012 min

Lab File: BF130675.D

Acq: 14 Oct 2022 20:21

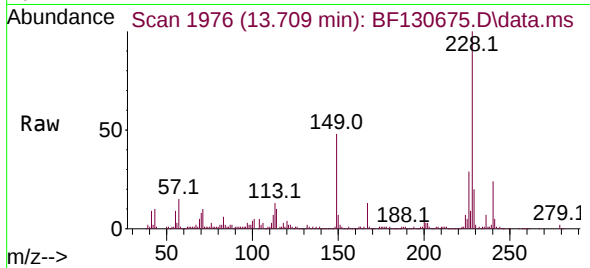
Tgt Ion:	244	Resp:	502464
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	9.9	7.5	11.3





#81
Benzo(a)anthracene
Concen: 11.371 ng
RT: 13.709 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

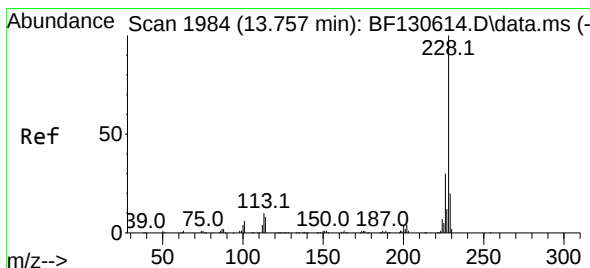
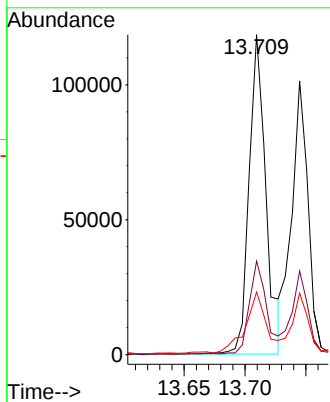
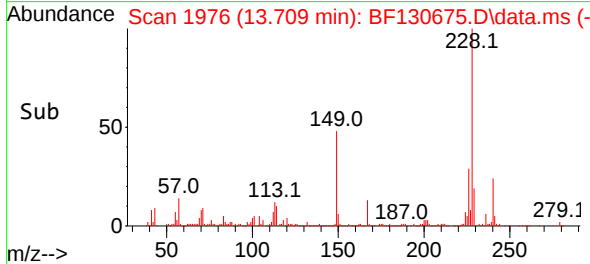
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP



Tgt Ion:228 Resp: 113778
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.2
229 19.6 15.8 23.8

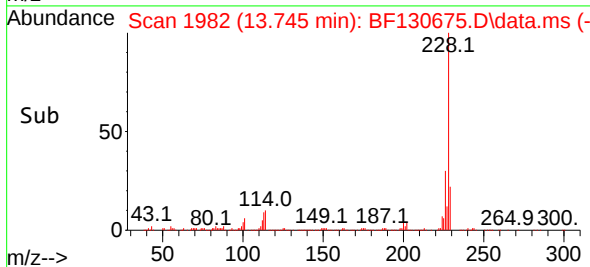
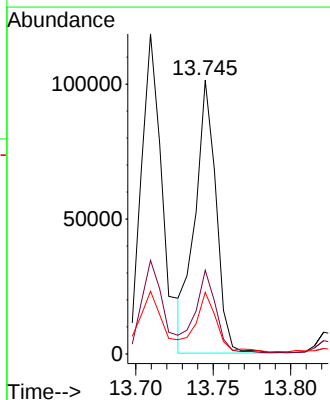
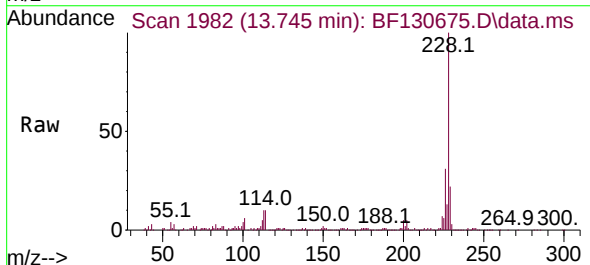
Manual Integrations
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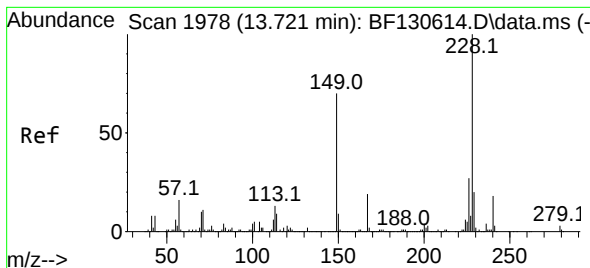
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#83
Chrysene
Concen: 10.095 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Tgt Ion:228 Resp: 95770
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 22.5 15.9 23.9





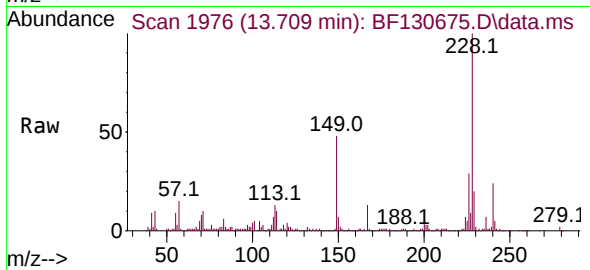
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.059 ng
RT: 13.709 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

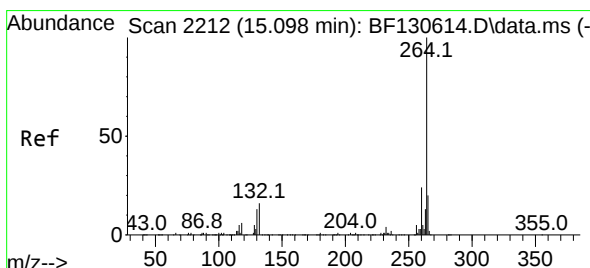
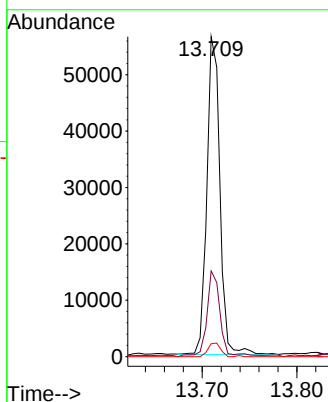
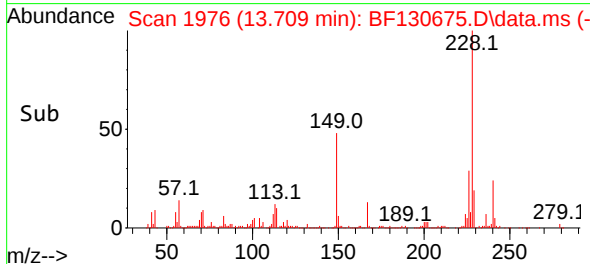


Tgt Ion:149 Resp: 54100
Ion Ratio Lower Upper
149 100
167 26.8 21.9 32.9
279 4.0 3.8 5.6

Manual Integrations

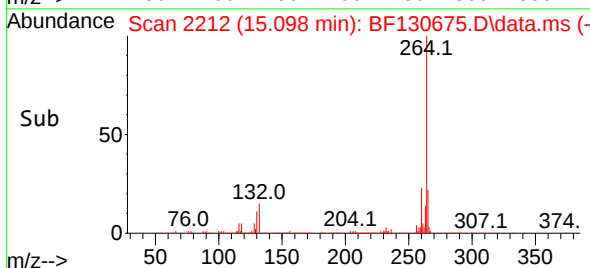
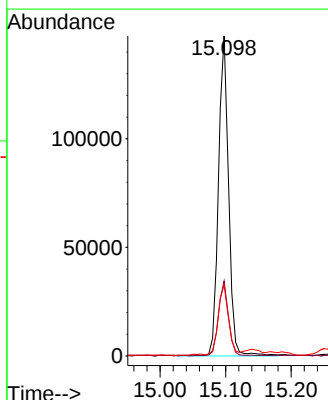
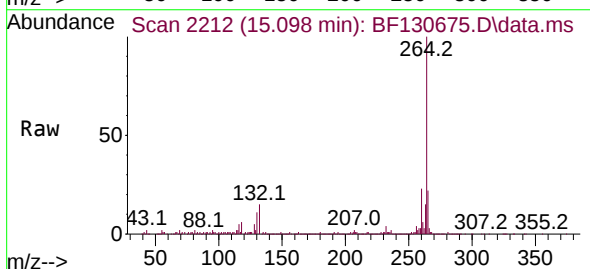
APPROVED

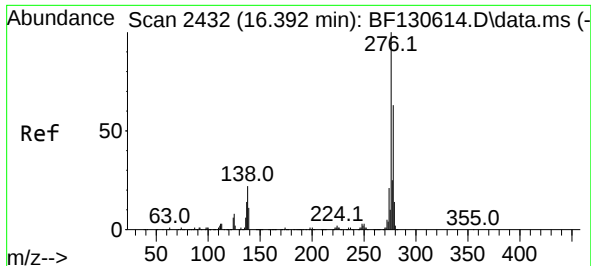
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Tgt Ion:264 Resp: 159144
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 22.1 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.539 ng
RT: 16.386 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

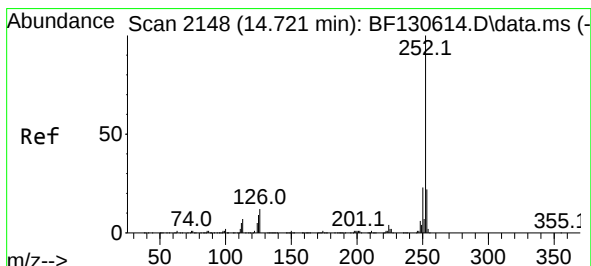
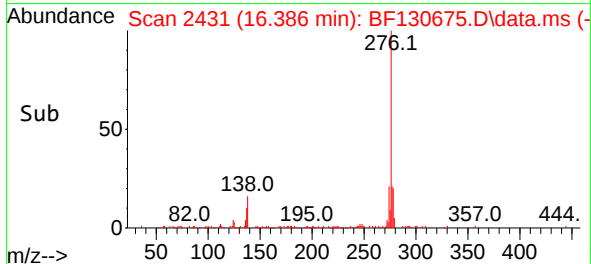
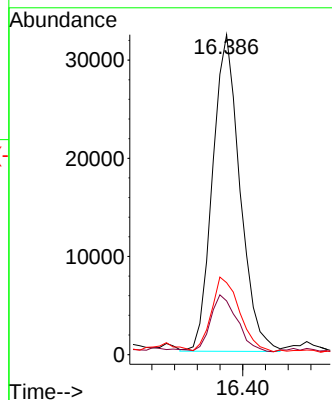
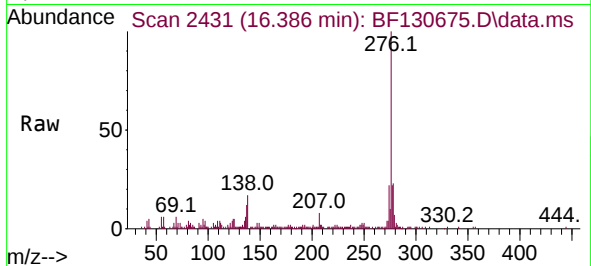
ClientSampleId :

SB-05-COMP

Tgt Ion:276 Resp: 54070
Ion Ratio Lower Upper
276 100
138 17.4 18.0 27.0
277 23.7 20.0 30.0

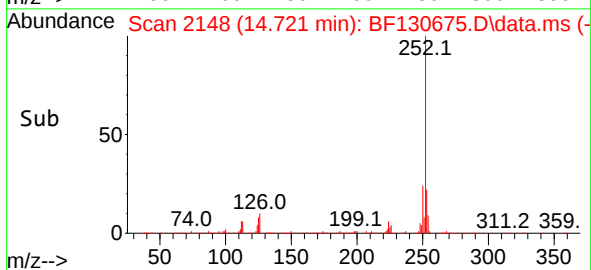
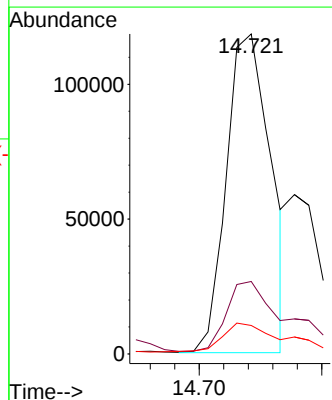
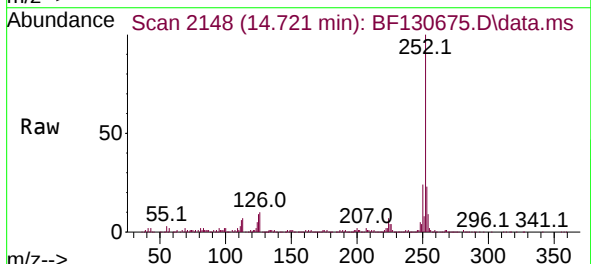
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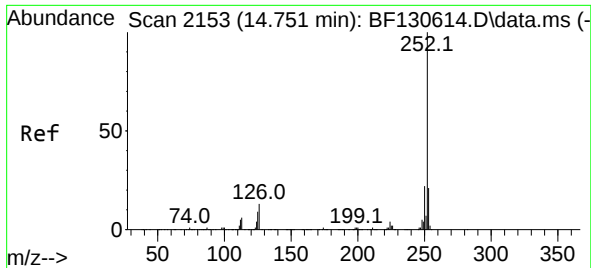
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#88
Benzo(b)fluoranthene
Concen: 14.852 ng m
RT: 14.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF130675.D
Acq: 14 Oct 2022 20:21

Tgt Ion:252 Resp: 149666
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 5.149 ng m

RT: 14.739 min Scan# 2153

Delta R.T. -0.012 min

Lab File: BF130675.D

Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

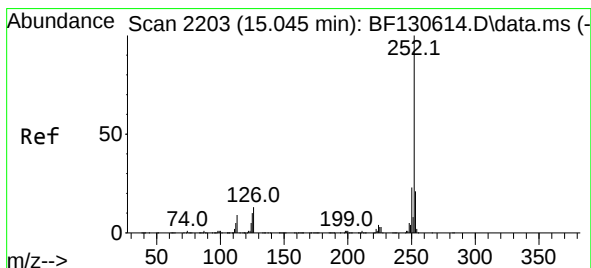
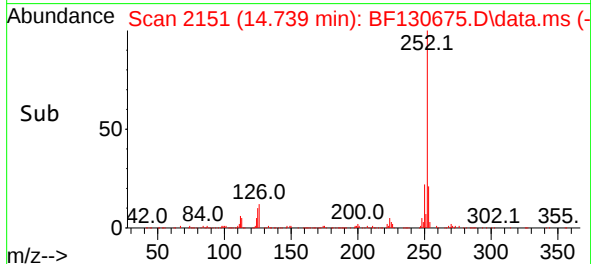
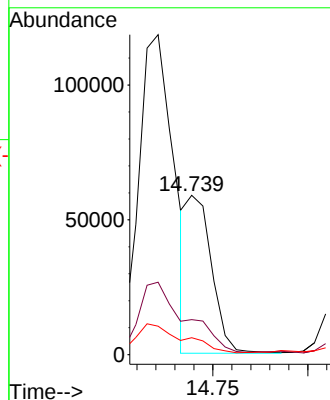
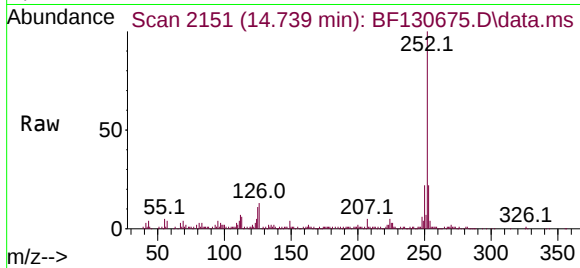
Tgt Ion:252 Resp: 52835

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	10.6	7.2	10.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#90

Benzo(a)pyrene

Concen: 11.987 ng

RT: 15.039 min Scan# 2202

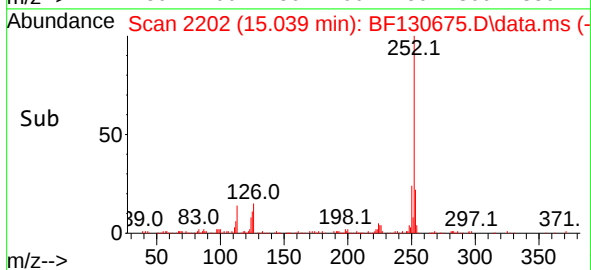
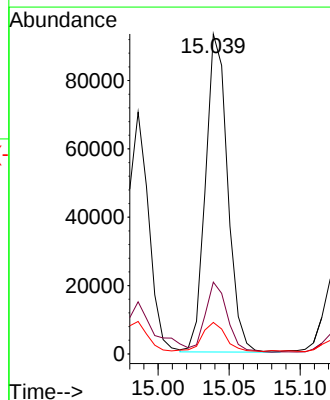
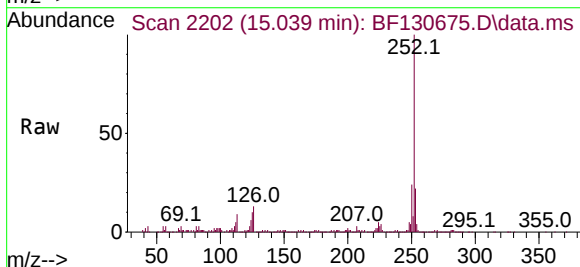
Delta R.T. -0.006 min

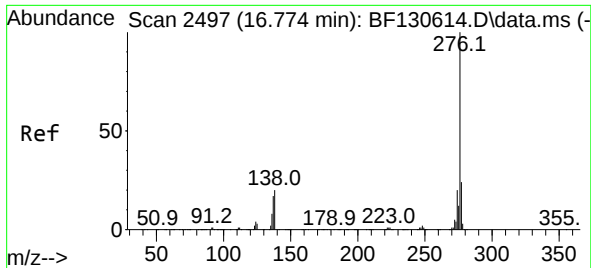
Lab File: BF130675.D

Acq: 14 Oct 2022 20:21

Tgt Ion:252 Resp: 100533

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.8	8.4	12.6





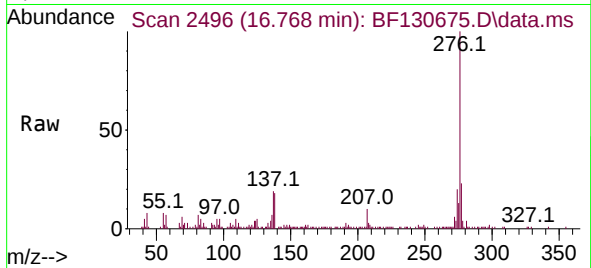
#92
 Benzo(g,h,i)perylene
 Concen: 5.305 ng
 RT: 16.768 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BF130675.D
 Acq: 14 Oct 2022 20:21

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP



Tgt Ion: 276 Resp: 48239
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.9 28.3
 138 17.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 10/17/2022
 Supervised By : mohammad ahmed 10/18/2022

