

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128084.D
 Acq On : 04 May 2022 21:14
 Operator : CG\JU
 Sample : N2669-01DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-050322DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 06:08:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91375	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	317918	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	161224	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	279775	20.000	ng	0.00
76) Chrysene-d12	14.104	240	172489	20.000	ng	0.00
86) Perylene-d12	15.615	264	128494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	211079	36.794	ng	0.00
7) Phenol-d6	6.539	99	266176	35.758	ng	-0.01
23) Nitrobenzene-d5	7.475	82	173662	25.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	63371	39.046	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	290299	30.461	ng	0.00
79) Terphenyl-d14	13.033	244	296977	31.483	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	9.822	152	37167	2.673	ng	98
58) Fluorene	10.504	166	28834	2.865	ng	98
71) Phenanthrene	11.474	178	207153	14.145	ng	98
72) Anthracene	11.527	178	45692	3.132	ng	99
75) Fluoranthene	12.668	202	228890	14.850	ng	99
78) Pyrene	12.898	202	259709	18.652	ng	99
81) Benzo(a)anthracene	14.092	228	98688	8.584	ng	# 90
83) Chrysene	14.127	228	96768m	8.813	ng	
87) Indeno(1,2,3-cd)pyrene	17.150	276	41477	4.836	ng	# 93
88) Benzo(b)fluoranthene	15.162	252	98965m	12.262	ng	
89) Benzo(k)fluoranthene	15.192	252	22840m	2.809	ng	
90) Benzo(a)pyrene	15.545	252	69242	10.343	ng	# 93
92) Benzo(g,h,i)perylene	17.627	276	42776	5.901	ng	92

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

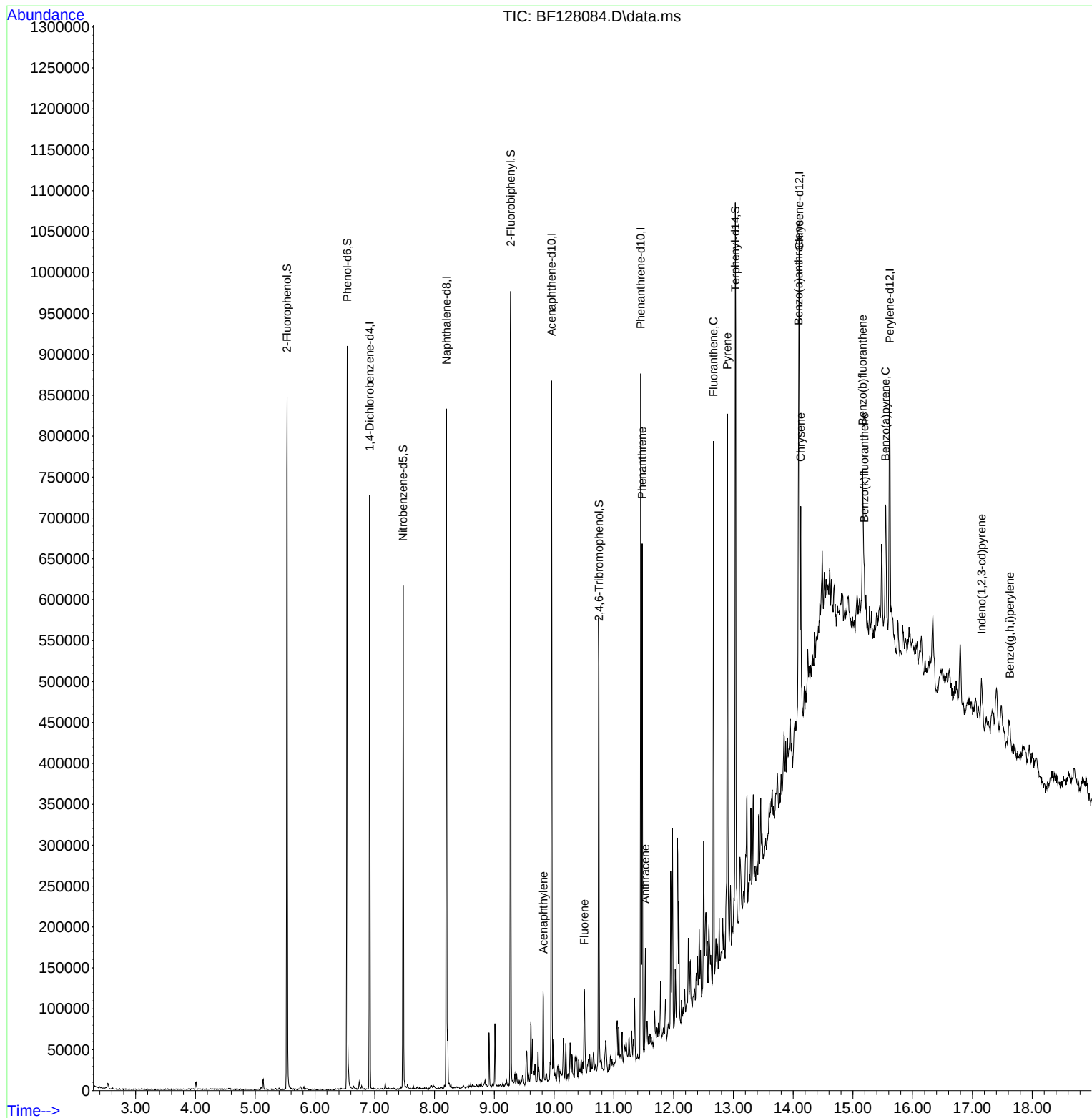
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
Data File : BF128084.D
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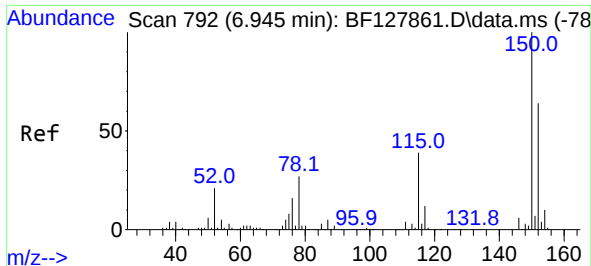
Instrument :
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Quant Time: May 05 06:08:10 2022
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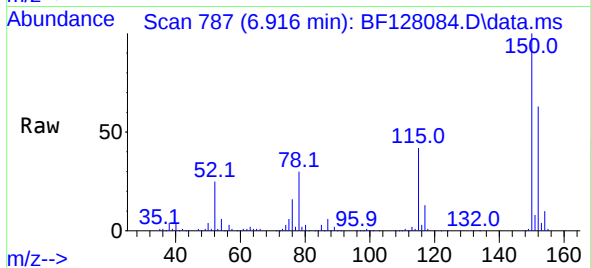
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

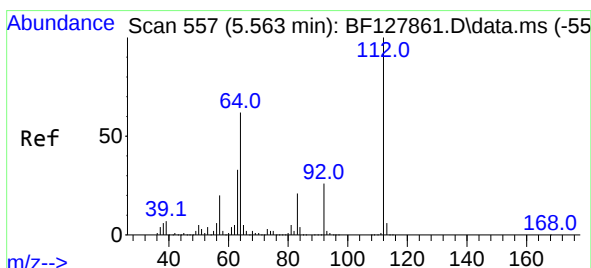
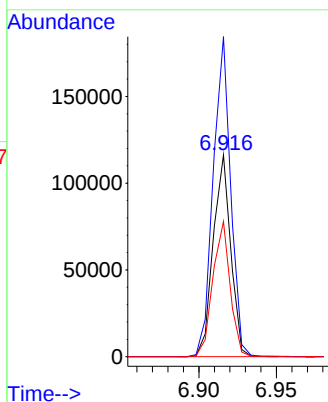
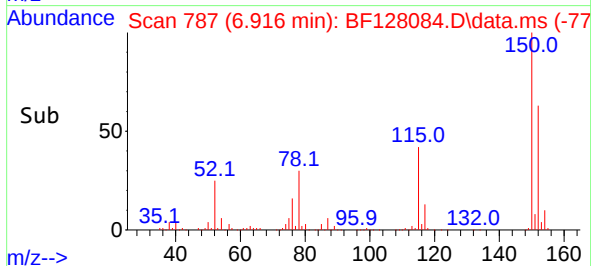


Tgt Ion:152 Resp: 91379
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 67.0 48.8 73.2

Manual Integrations

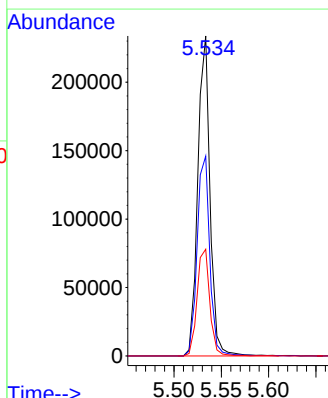
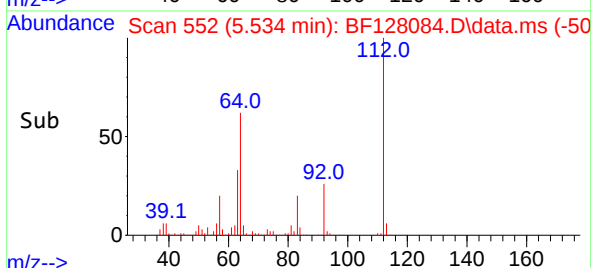
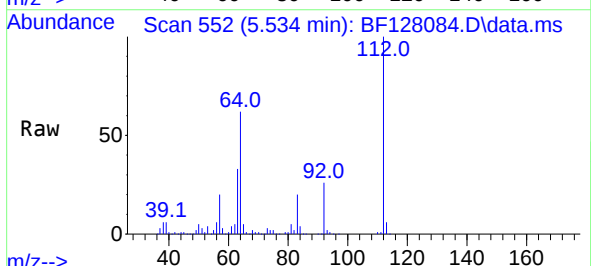
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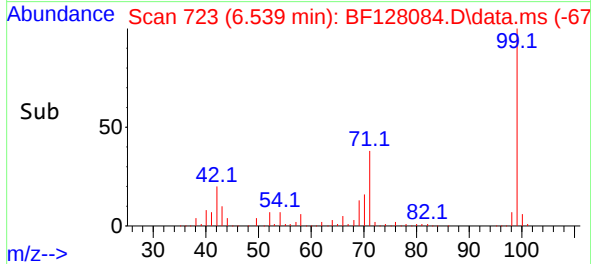
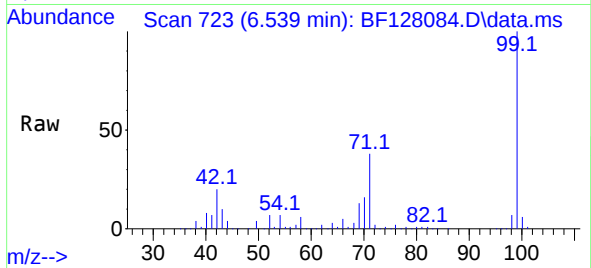
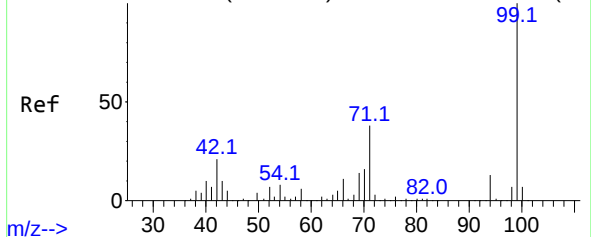


#5
2-Fluorophenol
Concen: 36.794 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:112 Resp: 211079
Ion Ratio Lower Upper
112 100
64 62.5 49.5 74.3
63 33.4 26.3 39.5



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 35.758 ng

RT: 6.539 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

Tgt Ion: 99 Resp: 266170

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

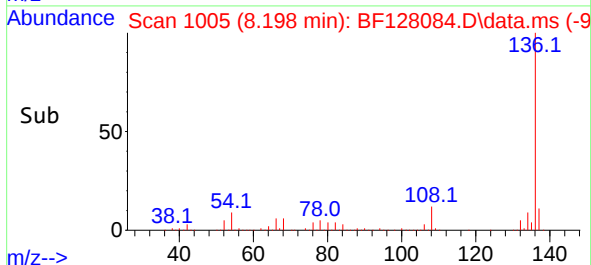
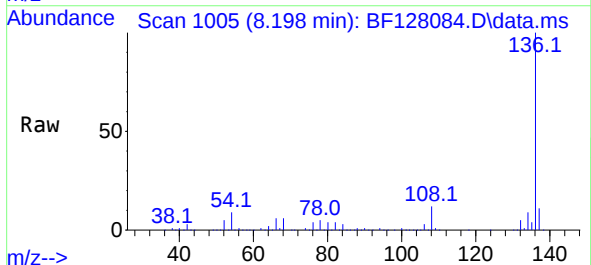
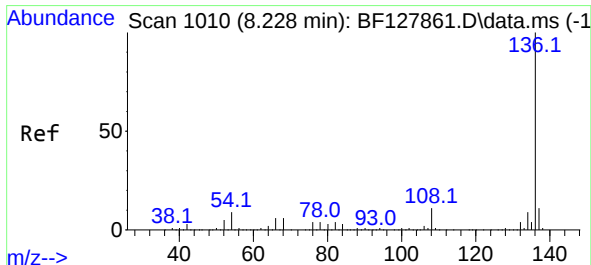
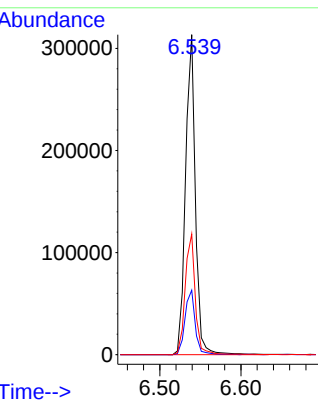
71 37.7 30.0 45.0

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Tgt Ion:136 Resp: 317918

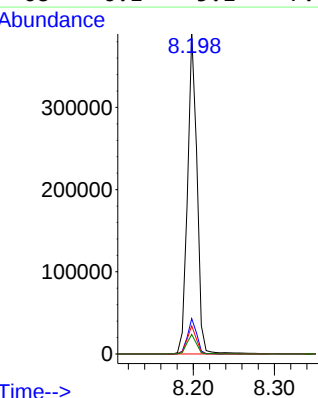
Ion Ratio Lower Upper

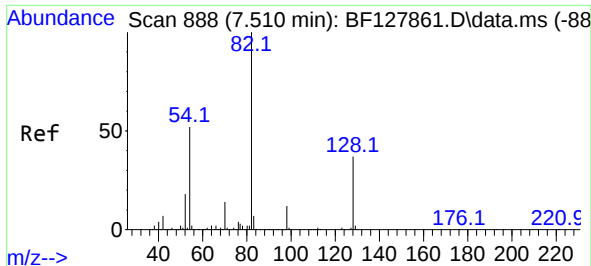
136 100

137 11.0 8.6 13.0

54 8.8 6.8 10.2

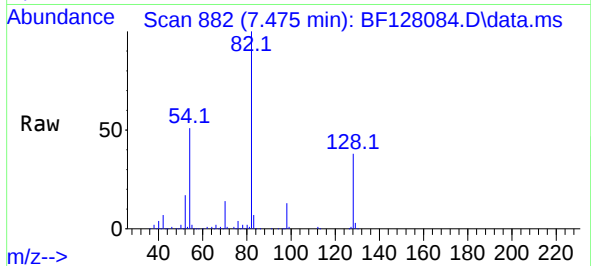
68 6.1 5.1 7.7





#23
Nitrobenzene-d5
Concen: 25.687 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

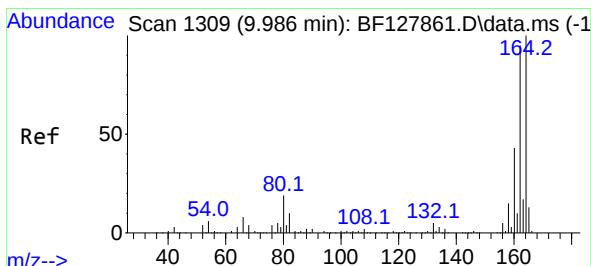
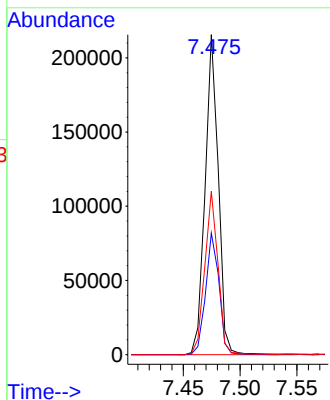
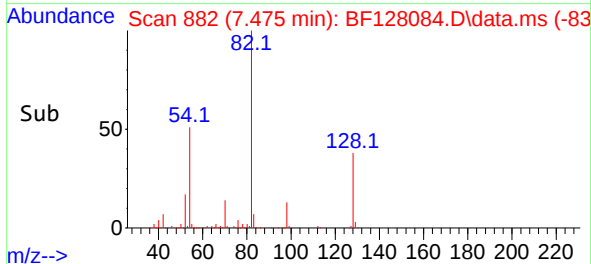
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL



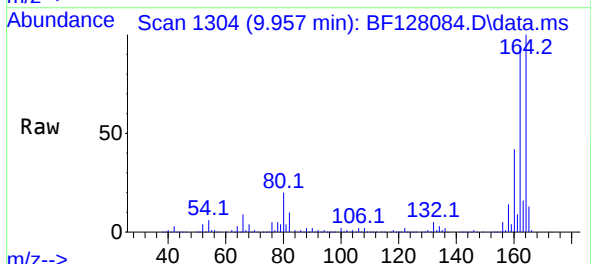
Tgt Ion: 82 Resp: 173662
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 51.1 41.3 61.9

Manual Integrations
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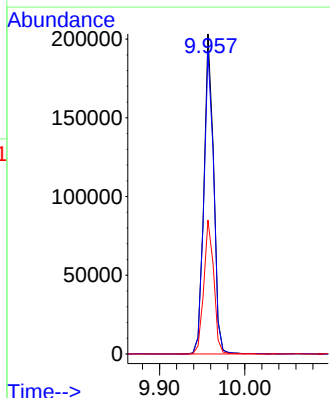
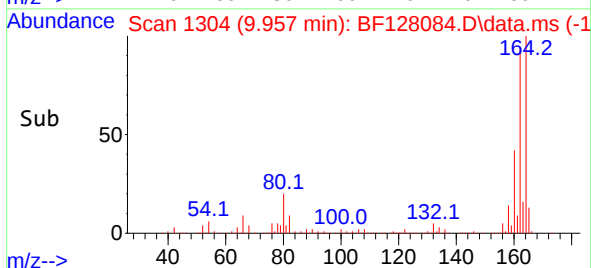
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

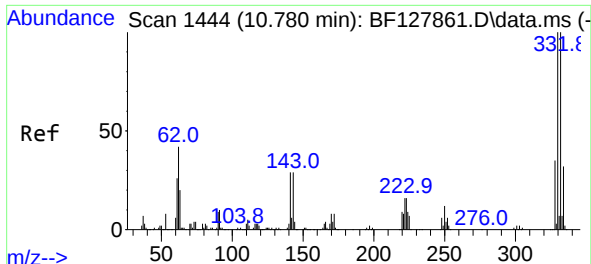


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14



Tgt Ion:164 Resp: 161224
Ion Ratio Lower Upper
164 100
162 94.3 76.0 114.0
160 41.8 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 39.046 ng
RT: 10.751 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

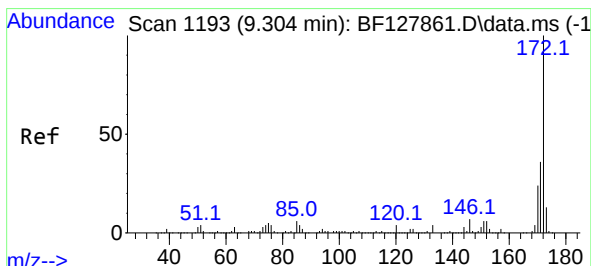
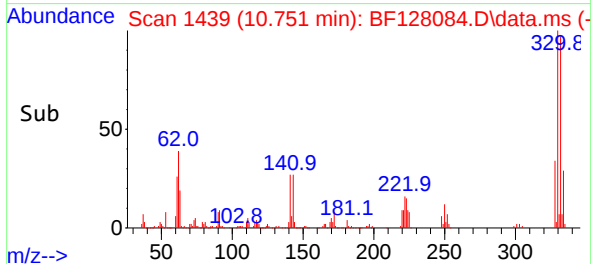
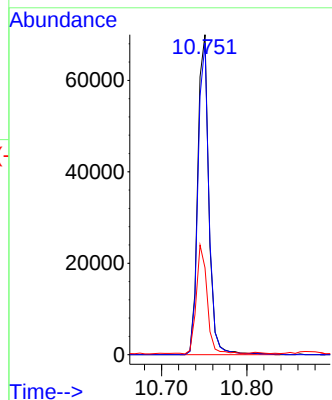
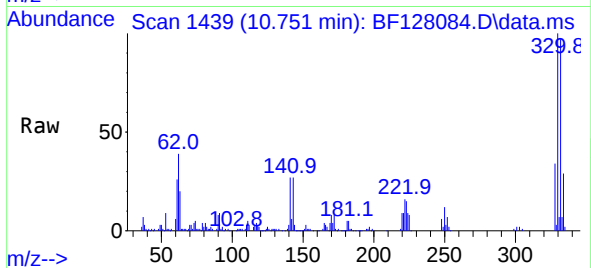
OR-03-050322DL

Tgt Ion:330 Resp: 6337
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 33.8 28.9 43.3

Manual Integrations

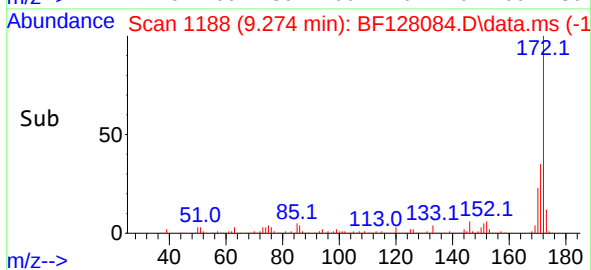
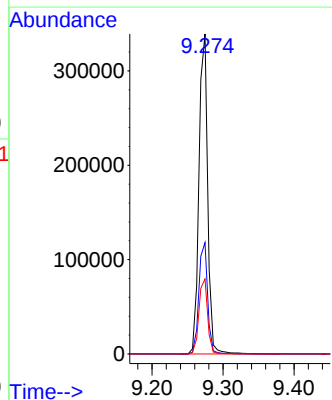
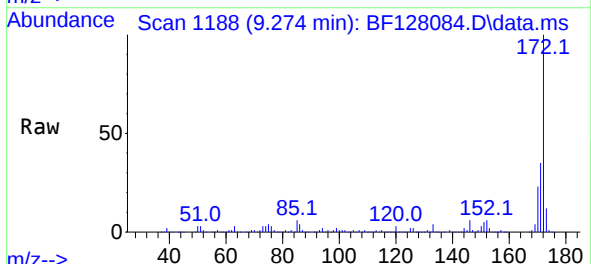
APPROVED

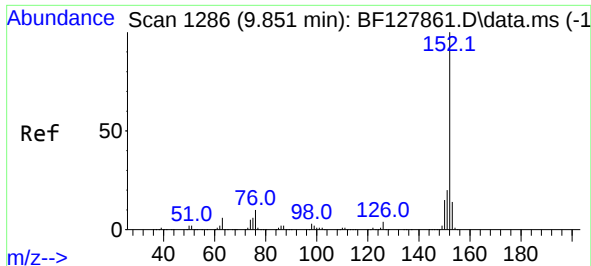
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#45
2-Fluorobiphenyl
Concen: 30.461 ng
RT: 9.274 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:172 Resp: 290299
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.4 19.1 28.7





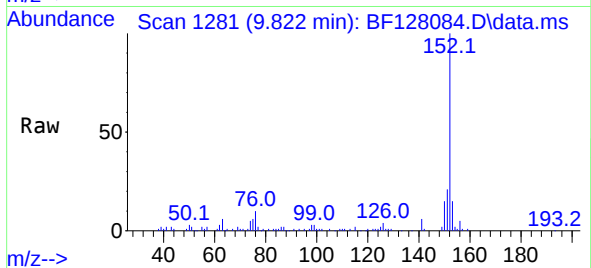
#49
Acenaphthylene
Concen: 2.673 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

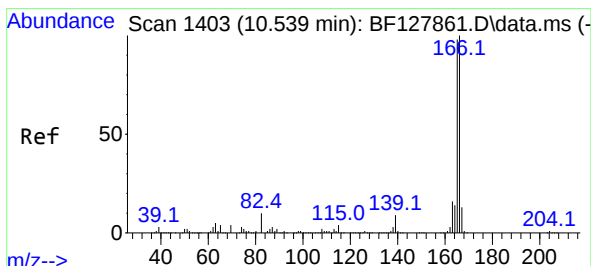
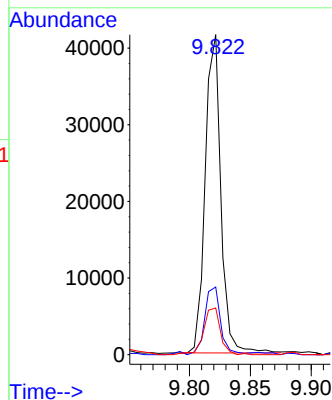
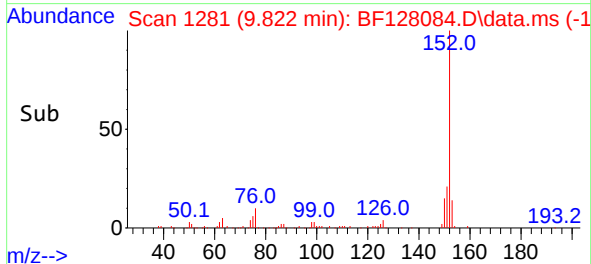


Tgt Ion:152 Resp: 3716
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 14.6 11.2 16.8

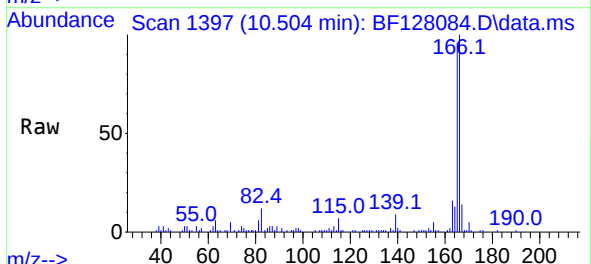
Manual Integrations

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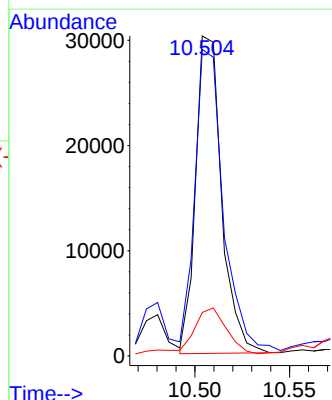
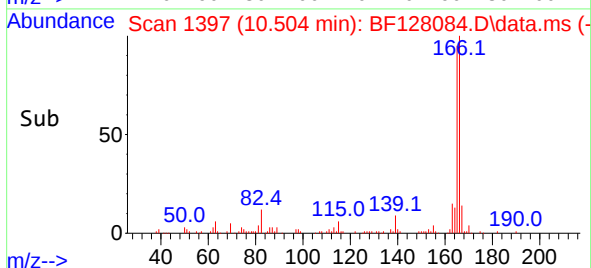
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

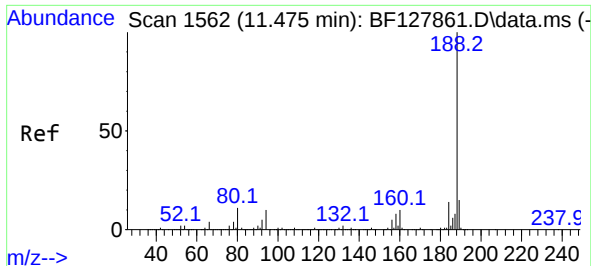


#58
Fluorene
Concen: 2.865 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14



Tgt Ion:166 Resp: 28834
Ion Ratio Lower Upper
166 100
165 95.8 78.6 117.8
167 13.6 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

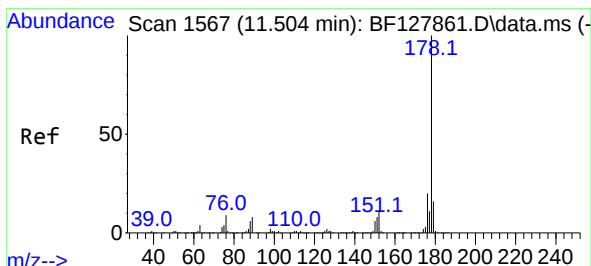
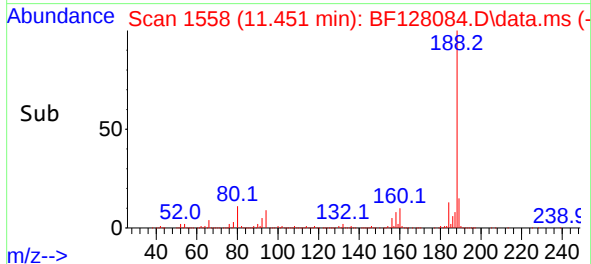
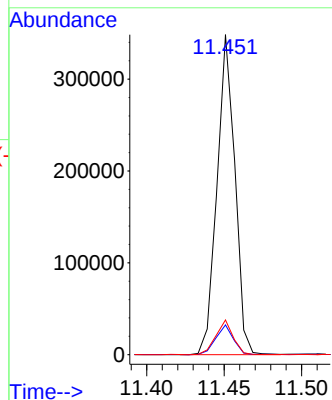
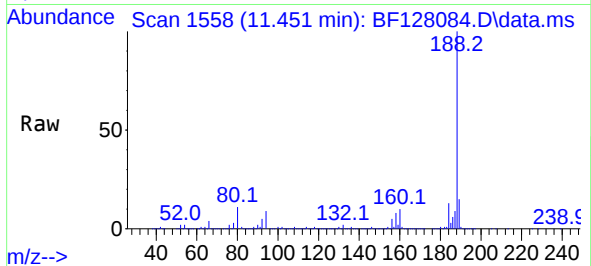
OR-03-050322DL

Tgt Ion:188 Resp: 279775
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.9 8.9 13.3

Manual Integrations

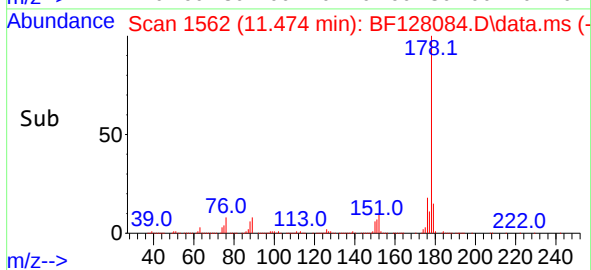
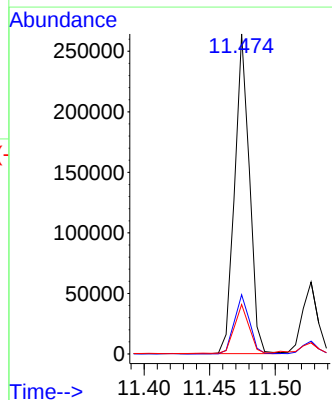
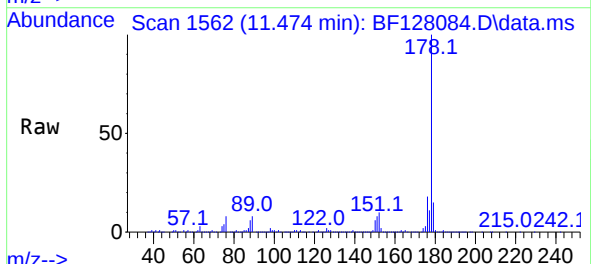
APPROVED

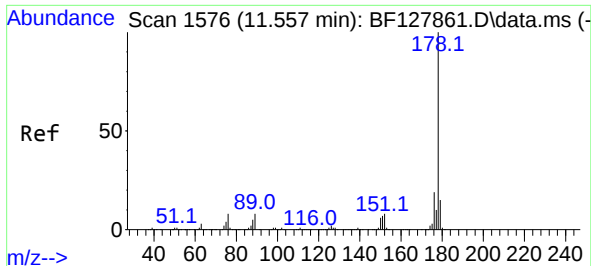
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#71
Phenanthrene
Concen: 14.145 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:178 Resp: 207153
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.4 12.6 19.0





#72
 Anthracene
 Concen: 3.132 ng
 RT: 11.527 min Scan# 1576
 Delta R.T. -0.006 min
 Lab File: BF128084.D
 Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

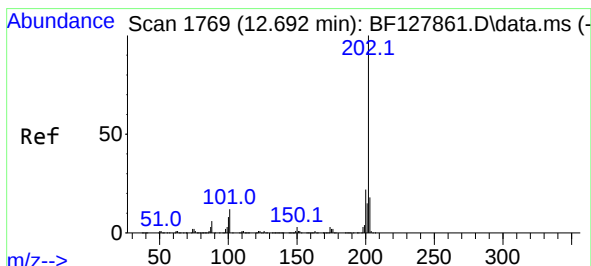
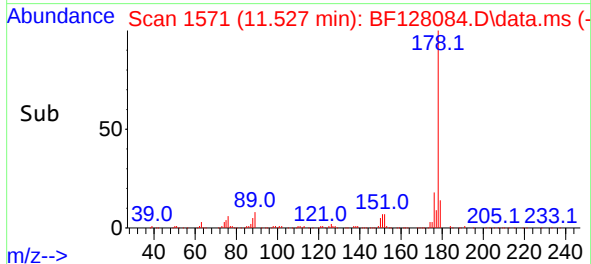
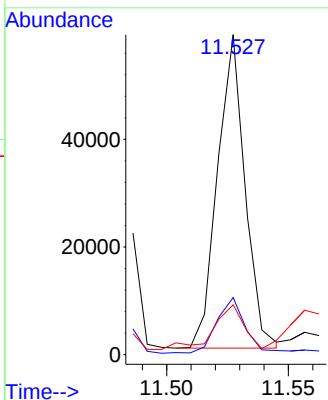
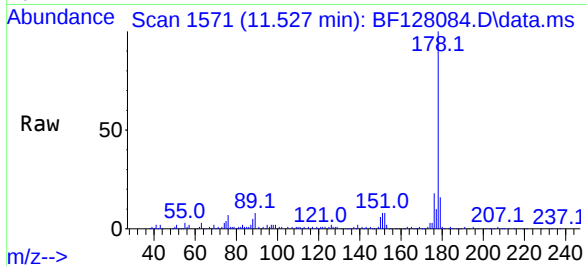
OR-03-050322DL

Tgt Ion:178 Resp: 45692
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.0 22.6
 179 15.6 12.4 18.6

Manual Integrations

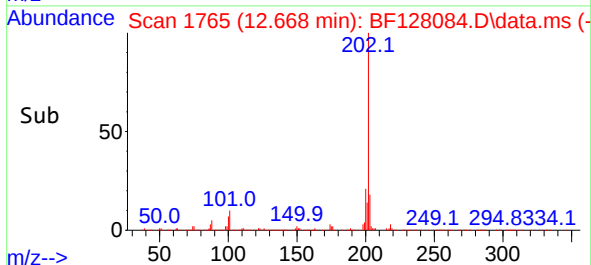
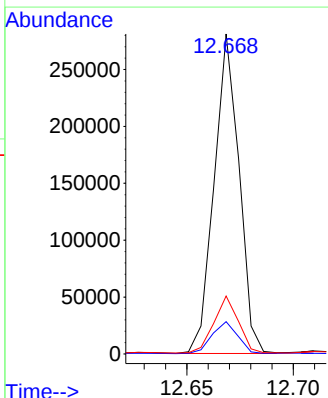
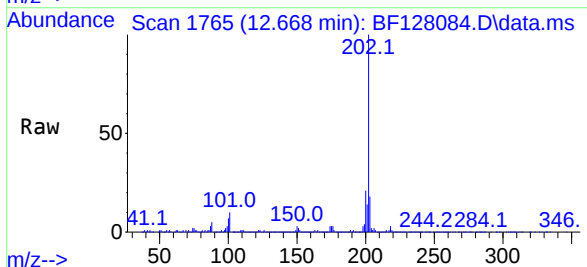
APPROVED

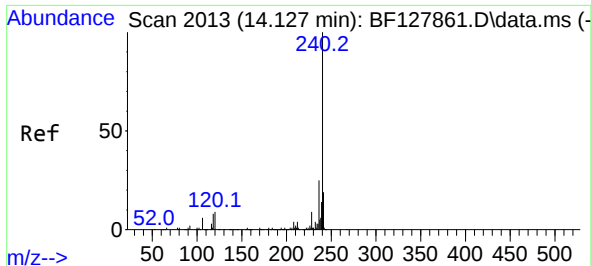
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#75
 Fluoranthene
 Concen: 14.850 ng
 RT: 12.668 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BF128084.D
 Acq: 04 May 2022 21:14

Tgt Ion:202 Resp: 228890
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.6
 203 18.1 0.0 38.1





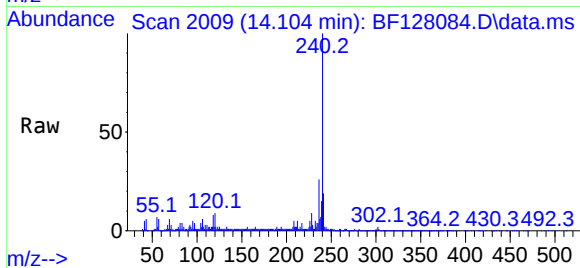
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

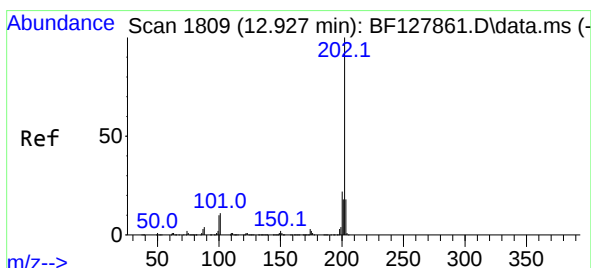
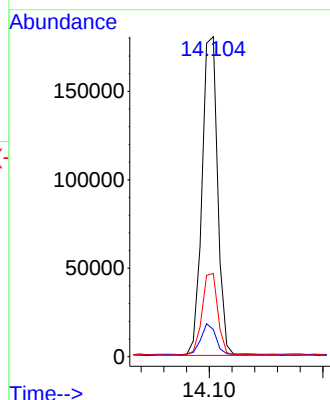
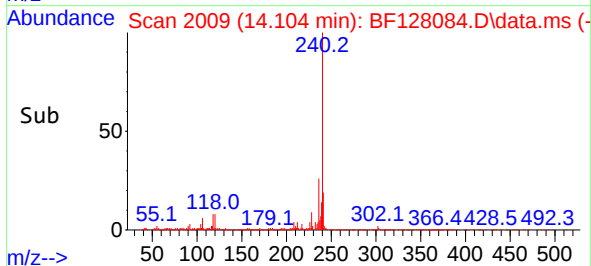


Tgt Ion:240 Resp: 172489
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.0 20.3 30.5

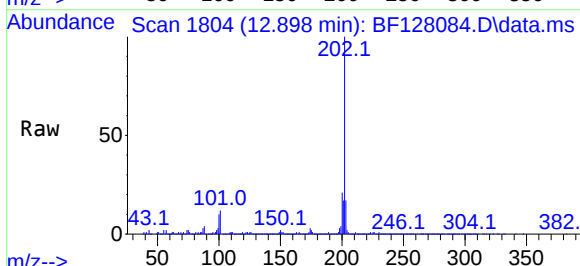
Manual Integrations

APPROVED

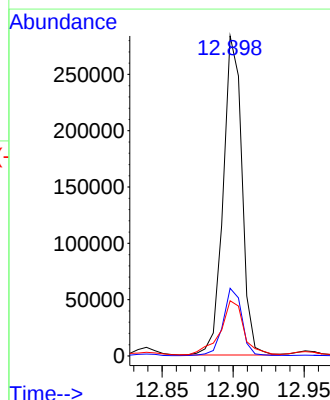
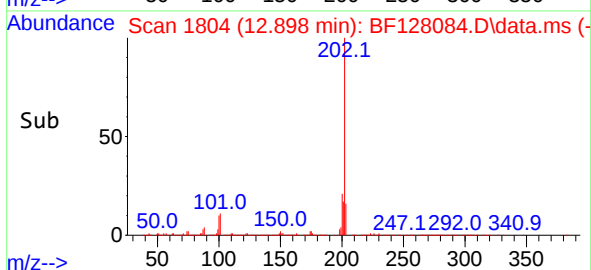
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

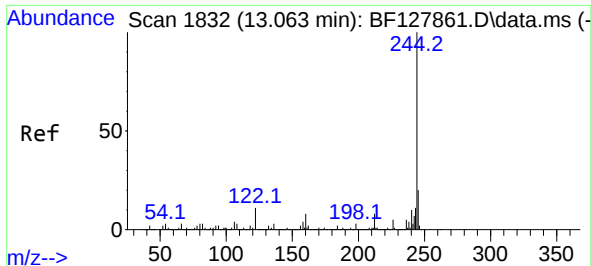


#78
Pyrene
Concen: 18.652 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14



Tgt Ion:202 Resp: 259709
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.2 14.0 21.0





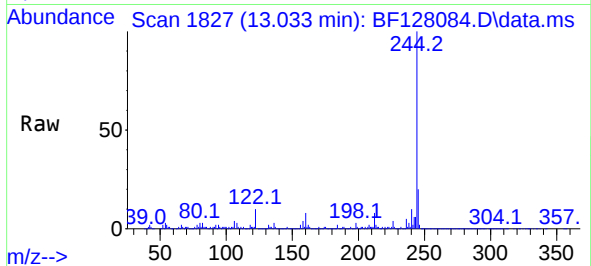
#79
Terphenyl-d14
Concen: 31.483 ng
RT: 13.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

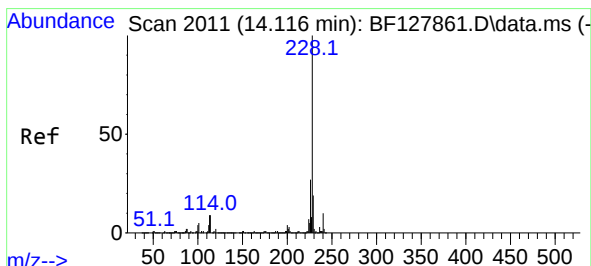
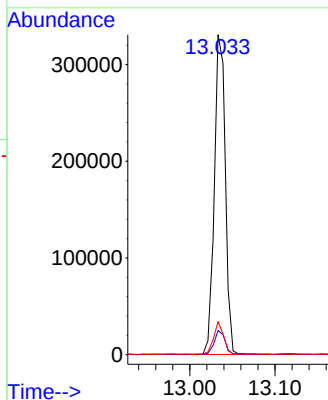
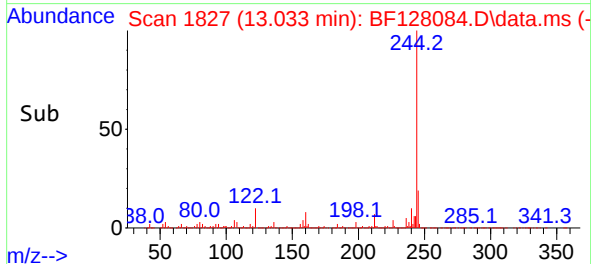


Tgt Ion:244 Resp: 296977
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 10.3 8.6 12.8

Manual Integrations

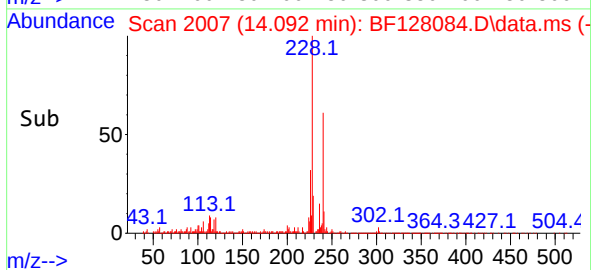
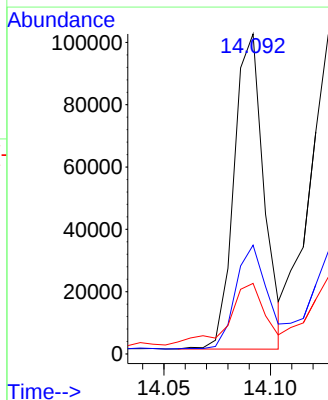
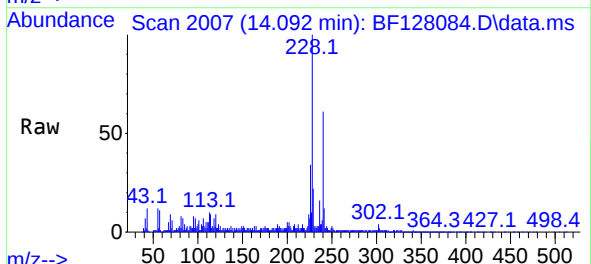
APPROVED

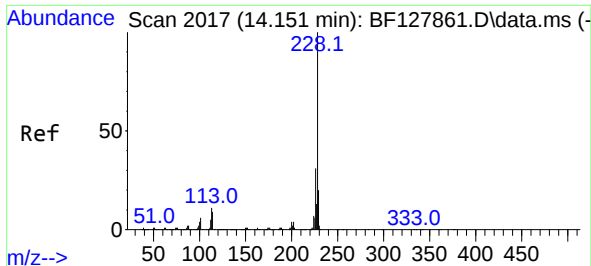
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#81
Benzo(a)anthracene
Concen: 8.584 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:228 Resp: 98688
Ion Ratio Lower Upper
228 100
226 34.0 21.7 32.5#
229 22.1 15.4 23.2





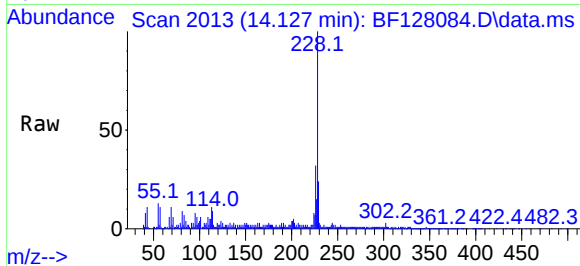
#83
Chrysene
Concen: 8.813 ng m
RT: 14.127 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

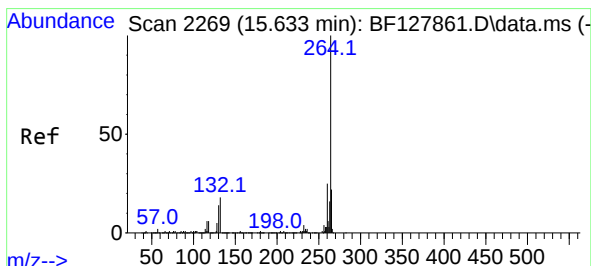
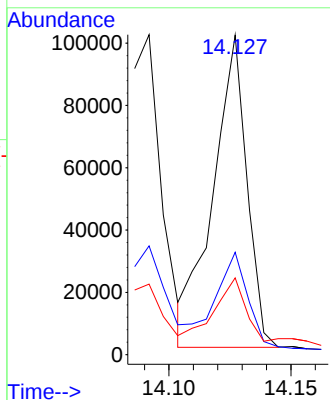
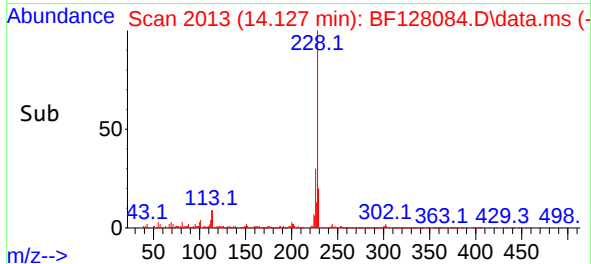


Tgt Ion:228 Resp: 96768
Ion Ratio Lower Upper
228 100
226 32.0 24.4 36.6
229 24.0 15.8 23.8

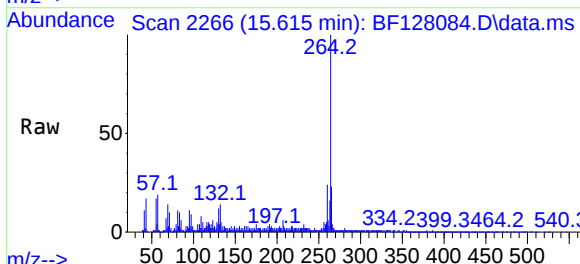
Manual Integrations

APPROVED

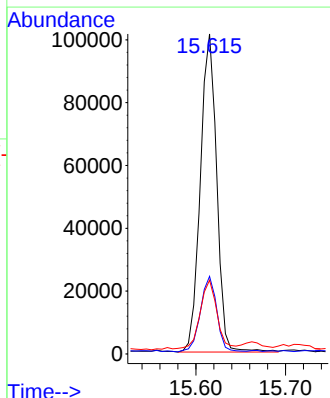
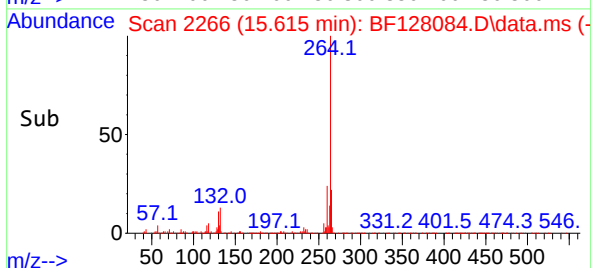
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

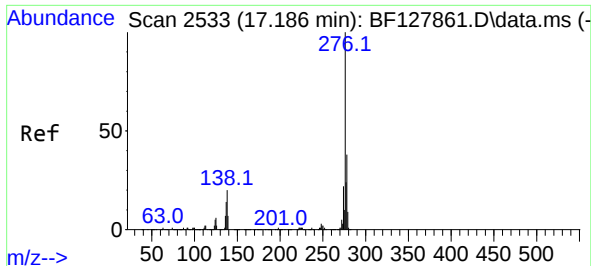


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14



Tgt Ion:264 Resp: 128494
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 23.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.836 ng
RT: 17.150 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

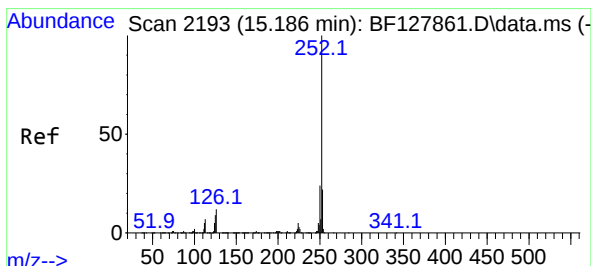
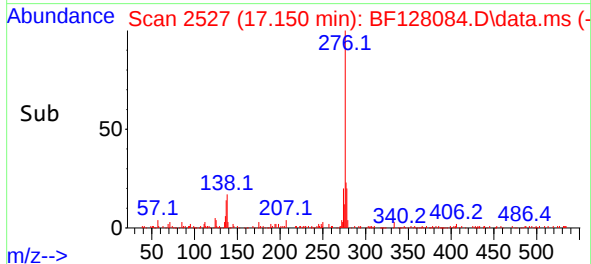
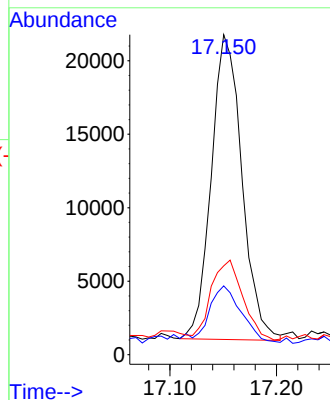
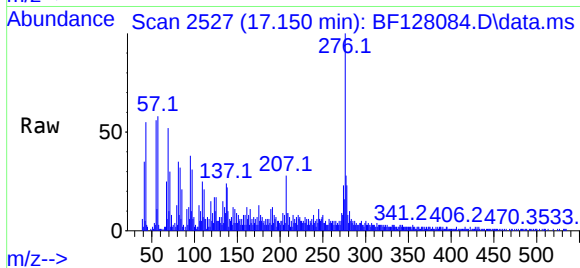
OR-03-050322DL

Tgt Ion:276 Resp: 4147
Ion Ratio Lower Upper
276 100
138 18.8 19.0 28.4
277 27.0 20.1 30.1

Manual Integrations

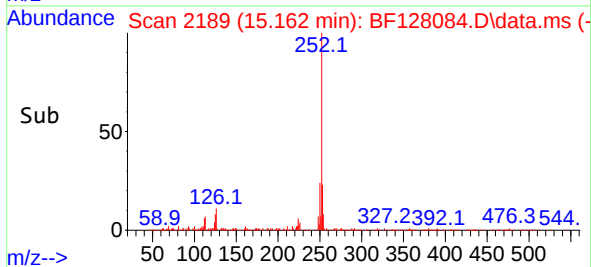
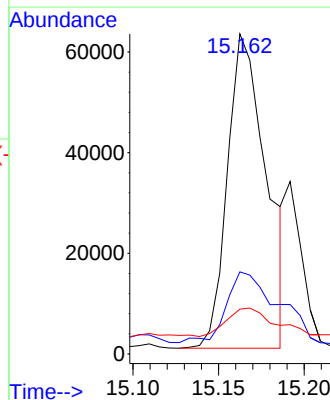
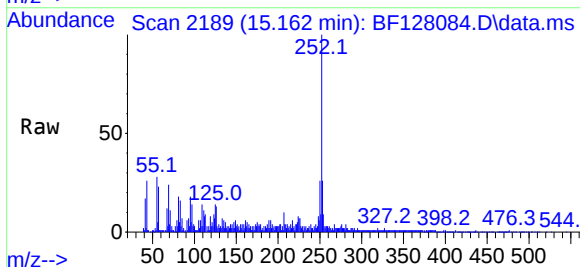
APPROVED

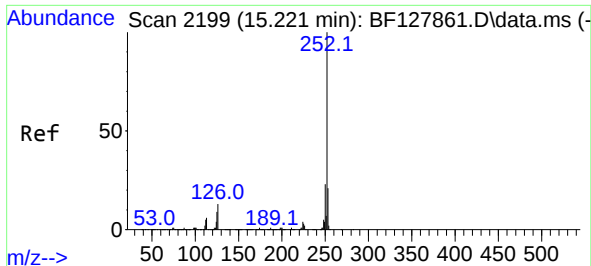
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#88
Benzo(b)fluoranthene
Concen: 12.262 ng m
RT: 15.162 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:252 Resp: 98965
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 14.0 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.809 ng m

RT: 15.192 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

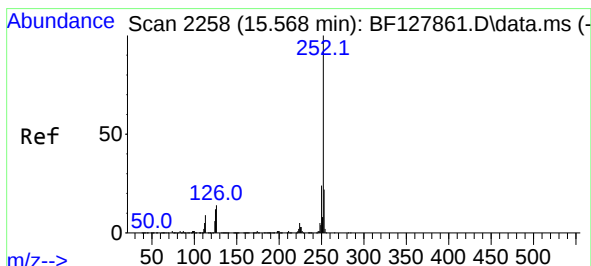
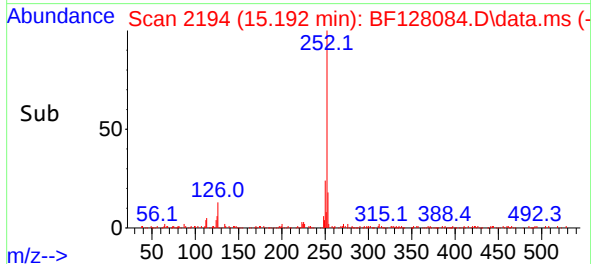
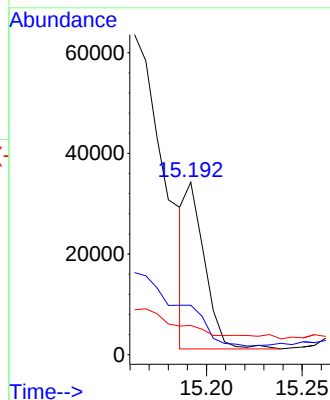
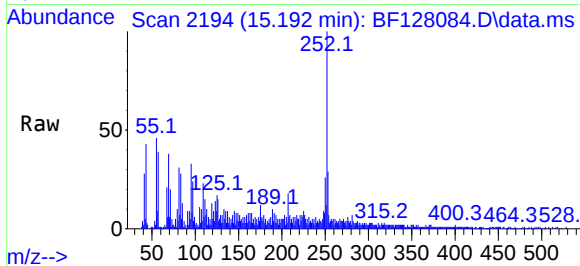
Tgt Ion:252	Resp:	22840
Ion Ratio	Lower	Upper
252	100	
253	28.6	17.0 25.4
125	16.9	6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#90

Benzo(a)pyrene

Concen: 10.343 ng

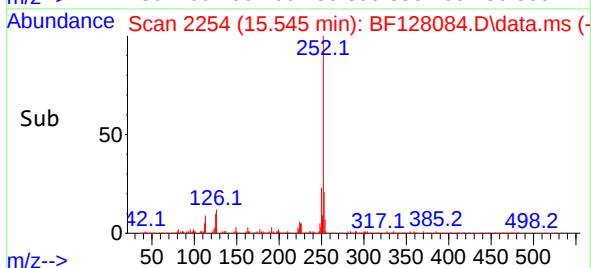
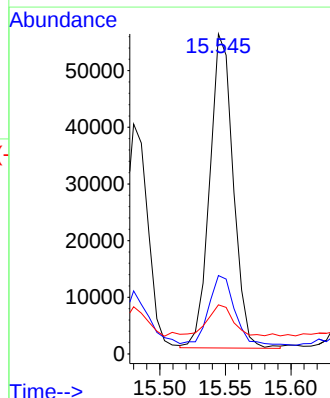
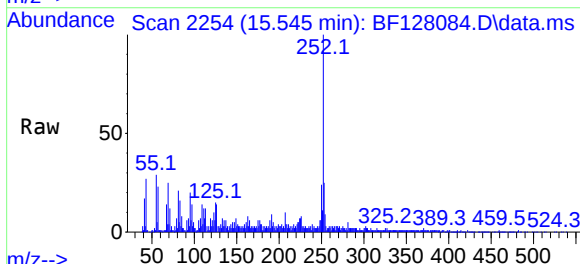
RT: 15.545 min Scan# 2254

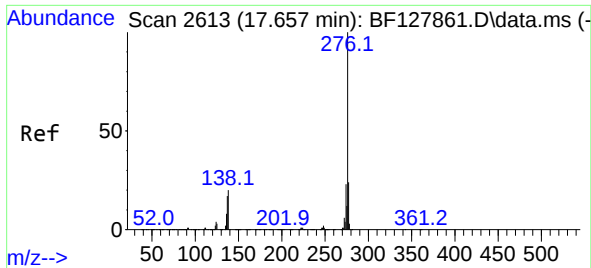
Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Tgt Ion:252	Resp:	69242
Ion Ratio	Lower	Upper
252	100	
253	24.5	17.8 26.6
125	15.3	9.2 13.8





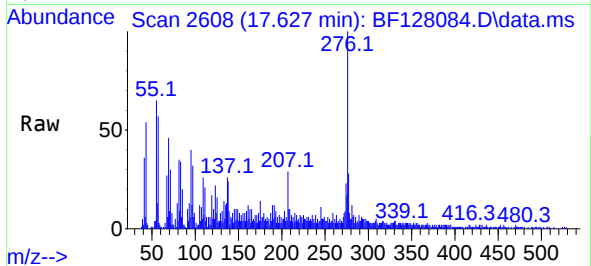
#92
Benzo(g,h,i)perylene
Concen: 5.901 ng
RT: 17.627 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL



Tgt Ion: 276 Resp: 42770
Ion Ratio Lower Upper
276 100
277 27.7 18.8 28.2
138 23.6 16.2 24.2

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/05/2022
Supervised By : Jagrut Upadhyay 05/05/2022

