

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128032.D
 Acq On : 02 May 2022 18:10
 Operator : CG\JU
 Sample : N2605-03DL 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042822DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 02 18:34:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	104466	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	357799	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	169322	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	264018	20.000	ng	0.00
76) Chrysene-d12	14.115	240	219969	20.000	ng	0.00
86) Perylene-d12	15.627	264	155041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	24554	3.744	ng	0.00
7) Phenol-d6	6.551	99	31061	3.650	ng	-0.01
23) Nitrobenzene-d5	7.486	82	21001	2.760	ng	-0.02
42) 2,4,6-Tribromophenol	10.763	330	5052	2.964	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	37989	3.796	ng	0.00
79) Terphenyl-d14	13.051	244	45565	3.788	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	10.004	154	32649	3.325	ng	99
55) Dibenzofuran	10.180	168	36051	2.545	ng	95
58) Fluorene	10.521	166	36787	3.480	ng	94
71) Phenanthrene	11.492	178	283542	20.517	ng	99
72) Anthracene	11.539	178	85028	6.176	ng	99
75) Fluoranthene	12.686	202	604092	41.532	ng	98
78) Pyrene	12.915	202	632405	35.614	ng	99
81) Benzo(a)anthracene	14.104	228	304899	20.796	ng	98
83) Chrysene	14.139	228	248743	17.764	ng	97
87) Indeno(1,2,3-cd)pyrene	17.168	276	44777	4.327	ng	96
88) Benzo(b)fluoranthene	15.180	252	170945m	17.555	ng	
89) Benzo(k)fluoranthene	15.203	252	58165m	5.929	ng	
90) Benzo(a)pyrene	15.562	252	105318	13.038	ng	98
92) Benzo(g,h,i)perylene	17.639	276	46884	5.360	ng	98

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

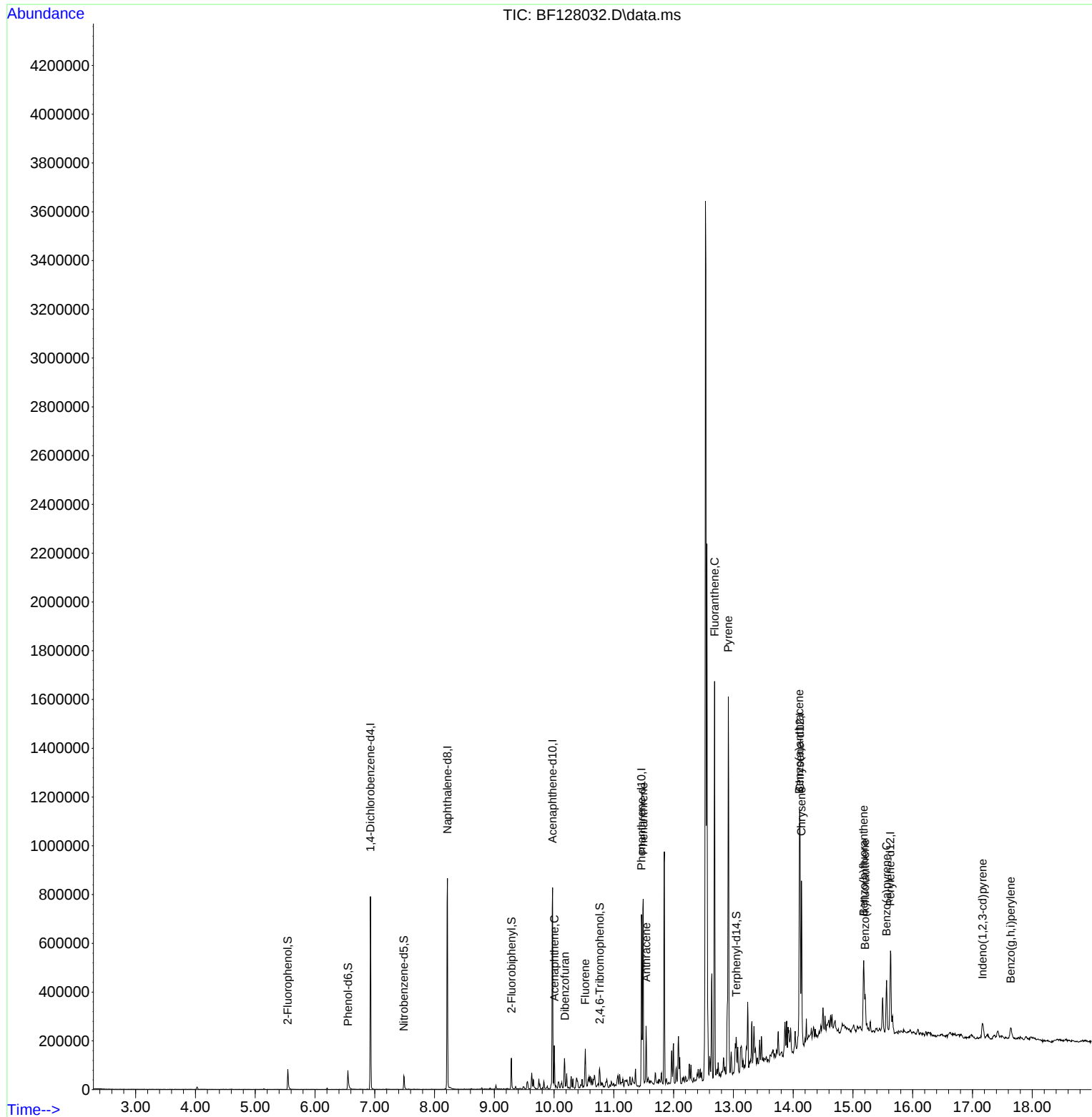
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128032.D
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Sample : N2605-03DL 20X
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ALS Vial : 19 Sample Multiplier: 1

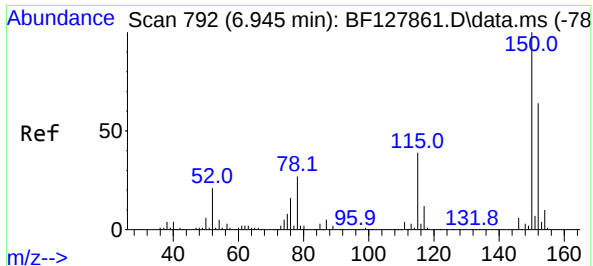
Instrument :
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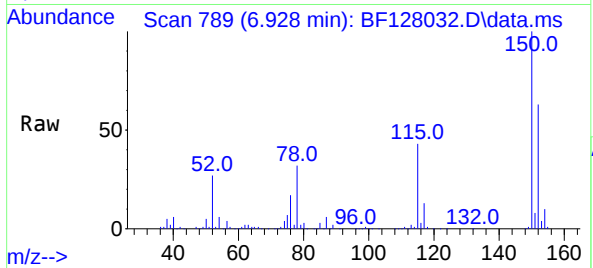
Quant Time: May 02 18:34:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

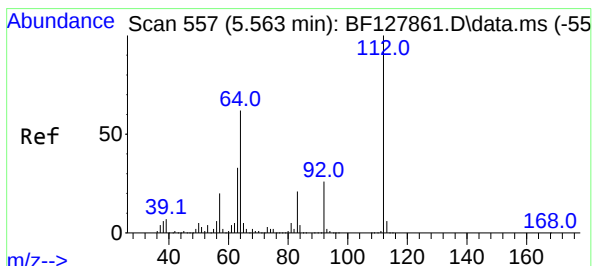
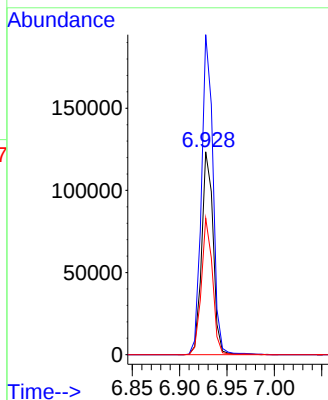
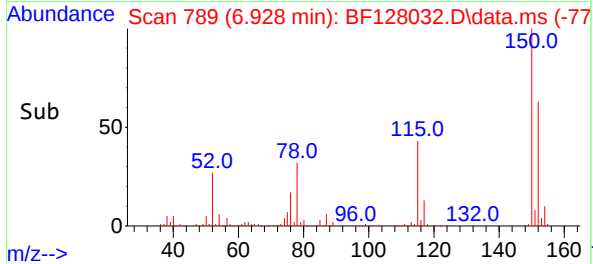
Instrument :
BNA_F
ClientSampleId :
TR-05-042822DL



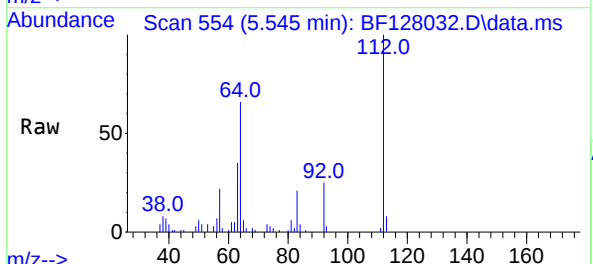
Tgt Ion:152 Resp: 104460
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 67.2 48.8 73.2

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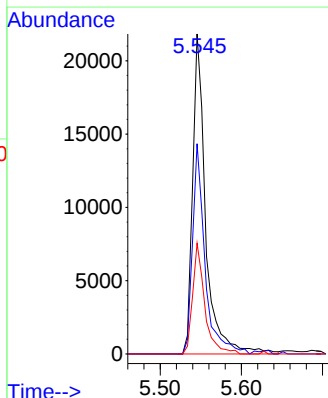
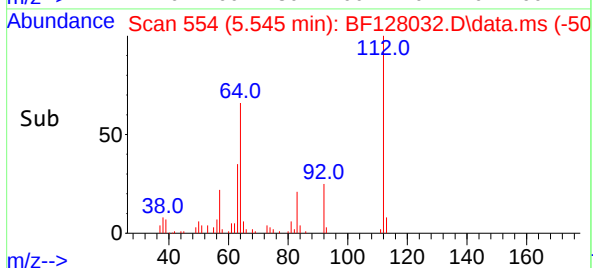
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



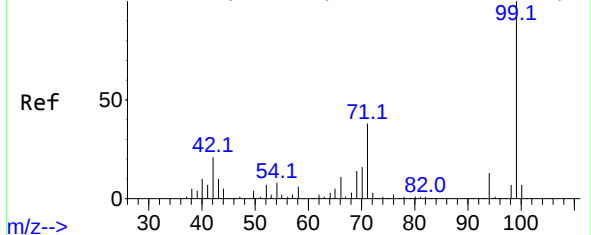
#5
2-Fluorophenol
Concen: 3.744 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10



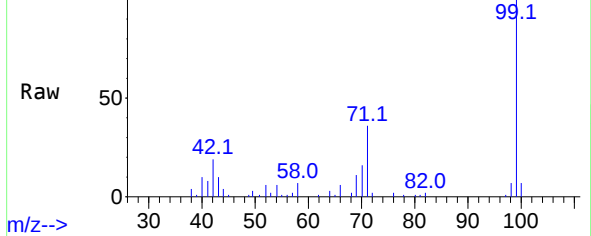
Tgt Ion:112 Resp: 24554
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 34.6 26.3 39.5



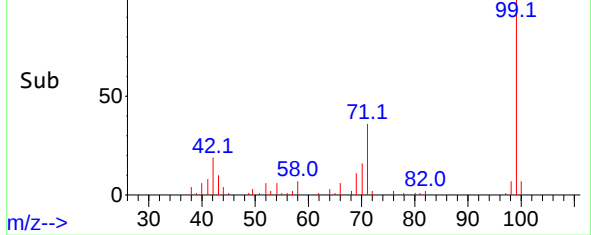
Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



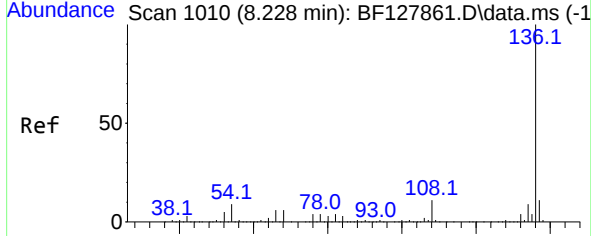
m/z--> Scan 725 (6.551 min): BF128032.D\data.ms



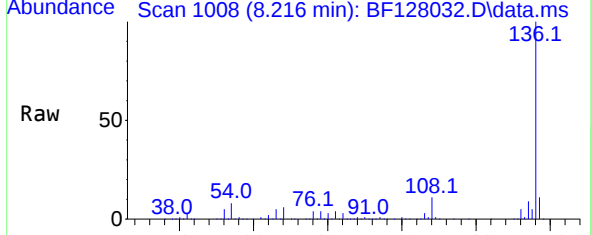
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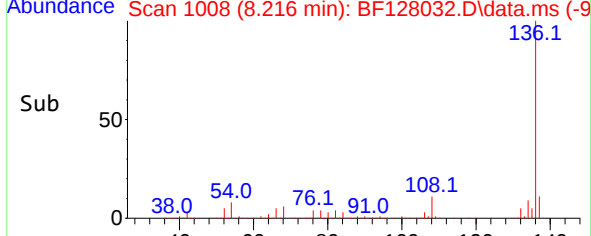
m/z--> Scan 1010 (8.228 min): BF127861.D\data.ms (-1



m/z--> Scan 1008 (8.216 min): BF128032.D\data.ms



Abundance Scan 1008 (8.216 min): BF128032.D\data.ms (-9



m/z--> Time-->

#7
Phenol-d6
Concen: 3.650 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Tgt Ion: 99 Resp: 3106
Ion Ratio Lower Upper
99 100
42 18.7 16.6 24.8
71 35.9 30.0 45.0

Instrument :

BNA_F

ClientSampleId :

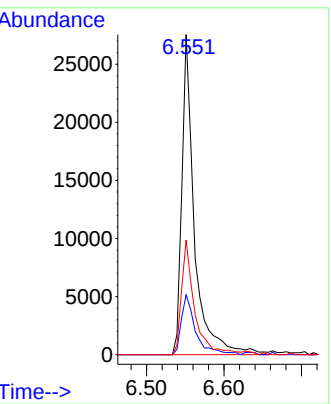
TR-05-042822DL

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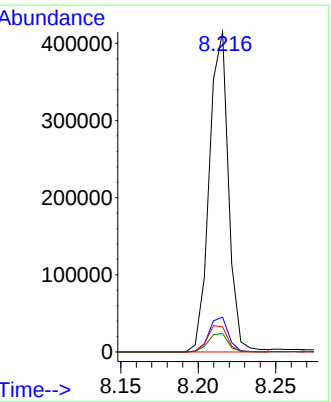
Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Tgt Ion:136 Resp: 357799
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 6.8 10.2
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 2.760 ng

RT: 7.486 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128032.D

Acq: 02 May 2022 18:10

Instrument :

BNA_F

ClientSampleId :

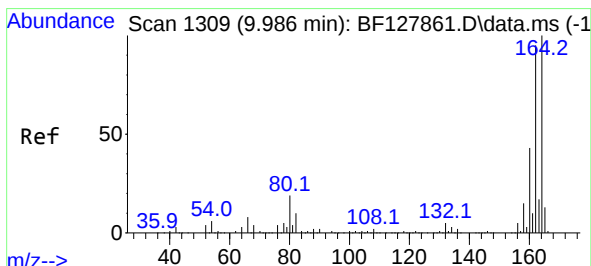
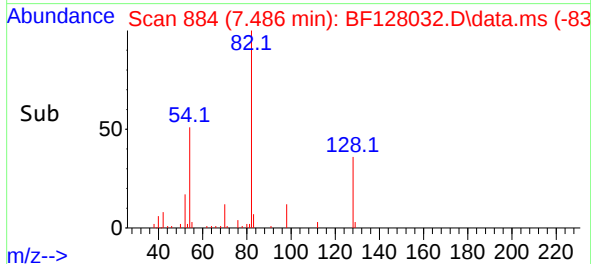
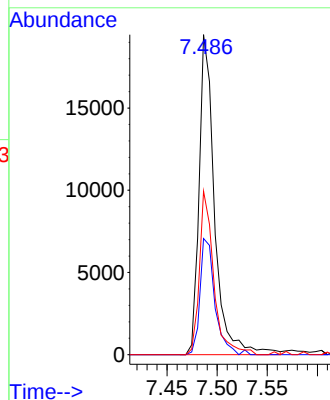
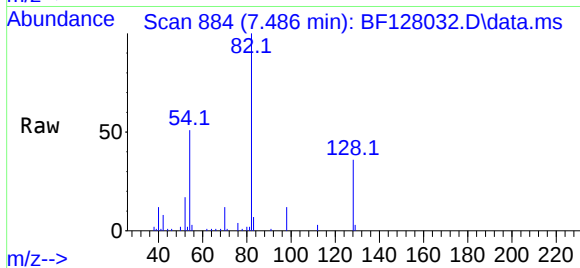
TR-05-042822DL

Tgt Ion:	82	Resp:	2100
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	51.1	41.3	61.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

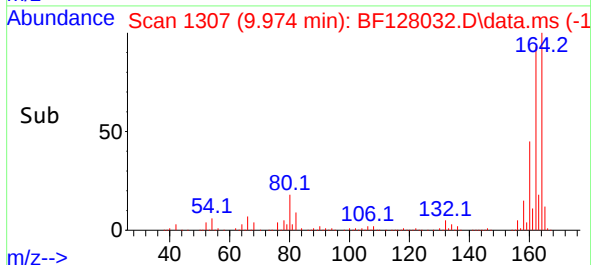
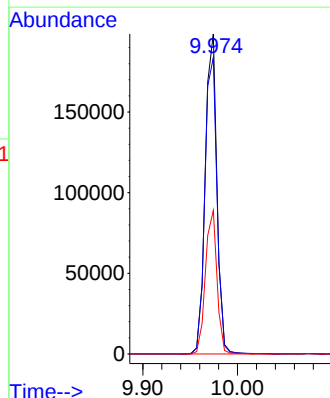
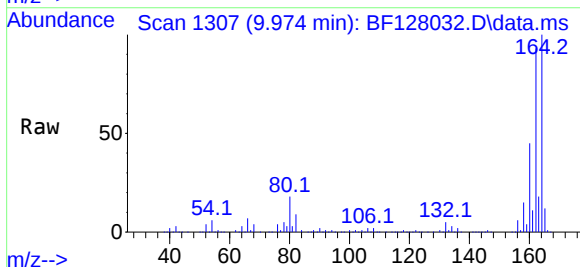
RT: 9.974 min Scan# 1307

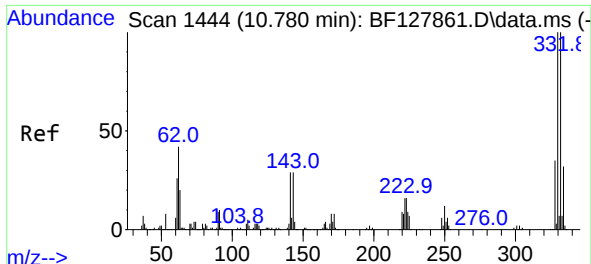
Delta R.T. -0.000 min

Lab File: BF128032.D

Acq: 02 May 2022 18:10

Tgt Ion:	164	Resp:	169322
Ion	Ratio	Lower	Upper
164	100		
162	92.6	76.0	114.0
160	44.9	34.8	52.2





#42
2,4,6-Tribromophenol
Concen: 2.964 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Instrument :

BNA_F

ClientSampleId :

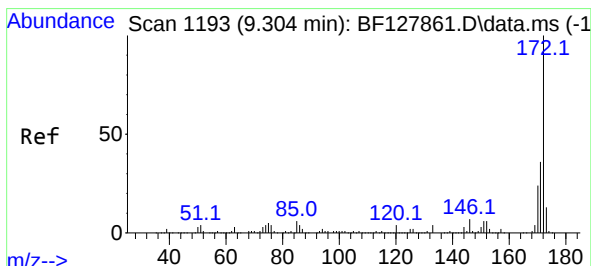
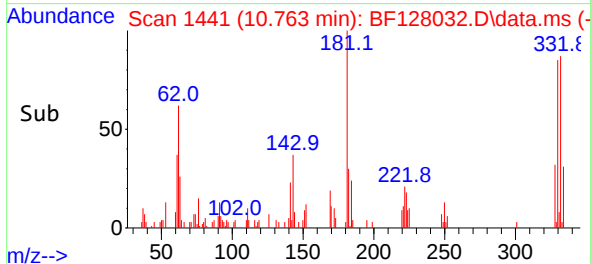
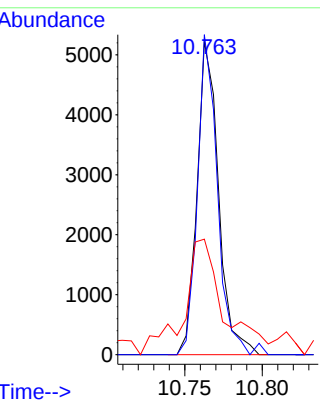
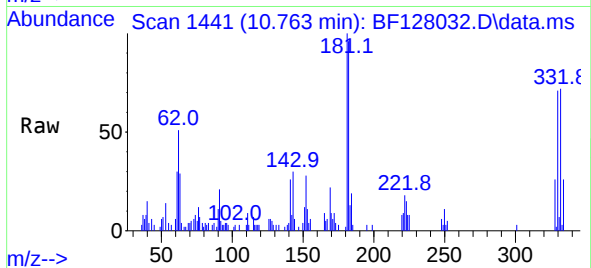
TR-05-04282DL

Tgt Ion:330 Resp: 5052
Ion Ratio Lower Upper
330 100
332 94.9 79.0 118.4
141 68.1 28.9 43.3

Manual Integrations

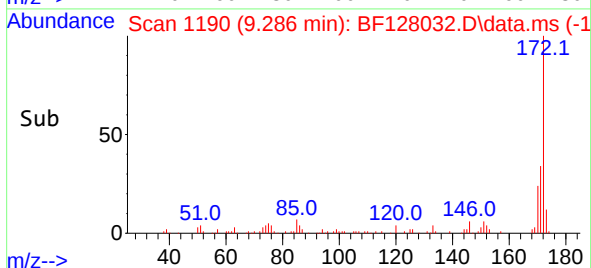
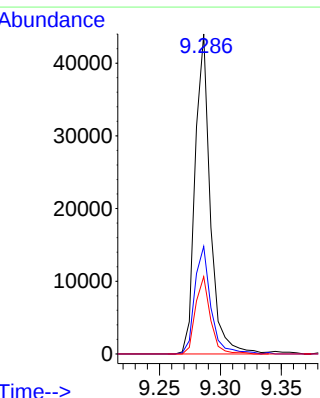
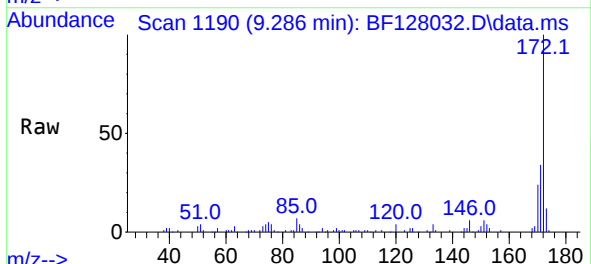
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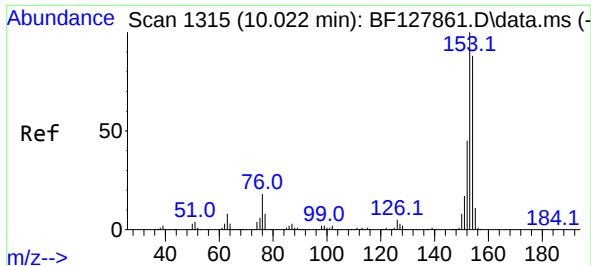
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#45
2-Fluorobiphenyl
Concen: 3.796 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Tgt Ion:172 Resp: 37989
Ion Ratio Lower Upper
172 100
171 33.6 28.6 42.8
170 24.2 19.1 28.7





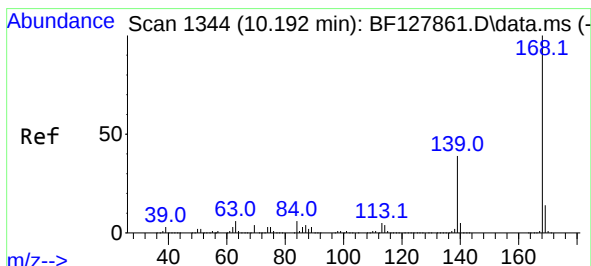
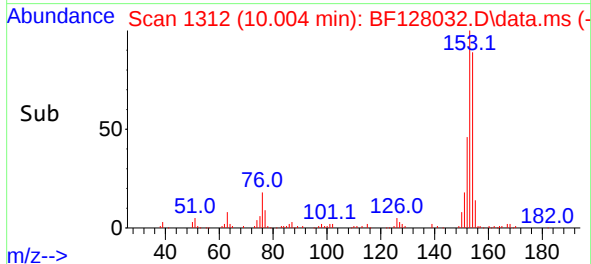
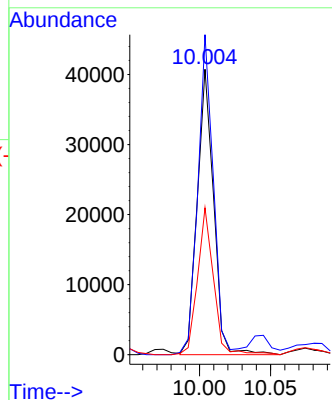
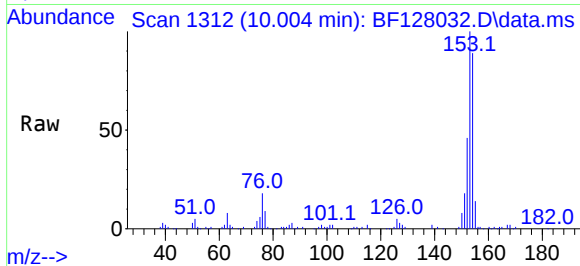
#52
Acenaphthene
Concen: 3.325 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

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BNA_F
ClientSampleId :
TR-05-042822DL

Tgt Ion:154 Resp: 32649
Ion Ratio Lower Upper
154 100
153 112.1 90.5 135.7
152 51.5 41.0 61.6

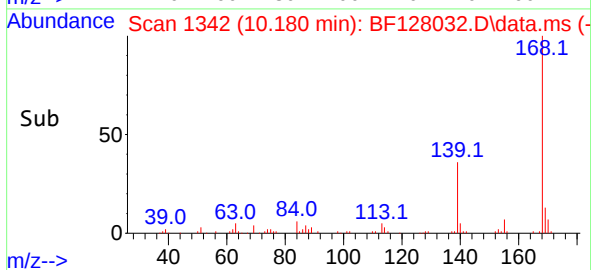
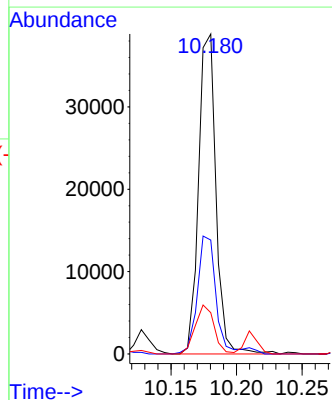
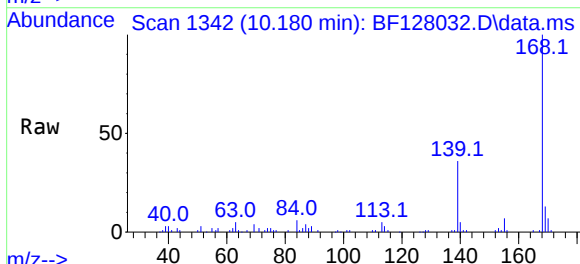
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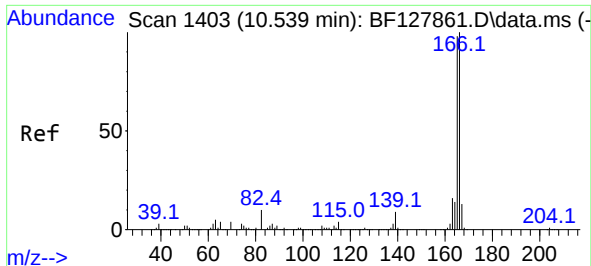
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#55
Dibenzofuran
Concen: 2.545 ng
RT: 10.180 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

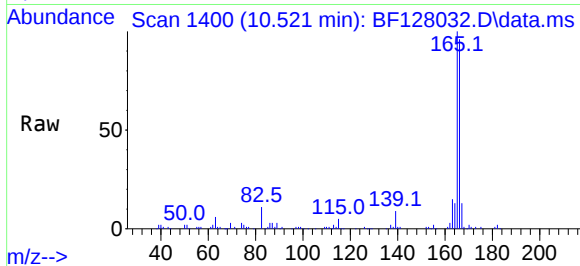
Tgt Ion:168 Resp: 36051
Ion Ratio Lower Upper
168 100
139 35.6 31.7 47.5
169 12.9 10.9 16.3





#58
Fluorene
Concen: 3.480 ng
RT: 10.521 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

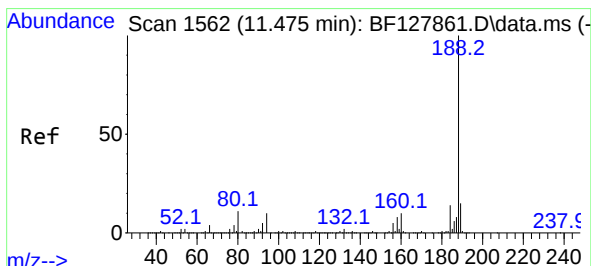
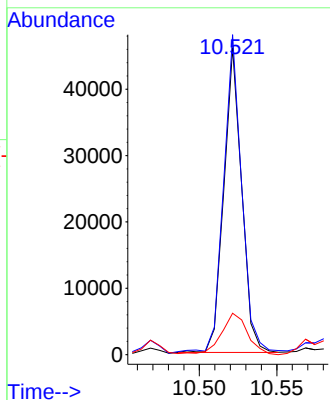
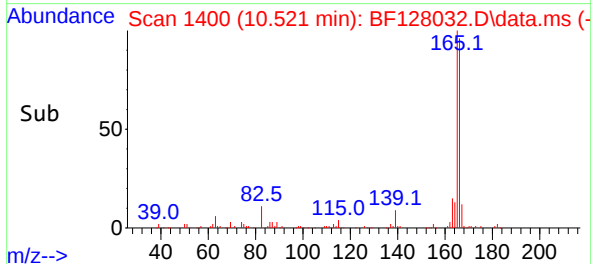
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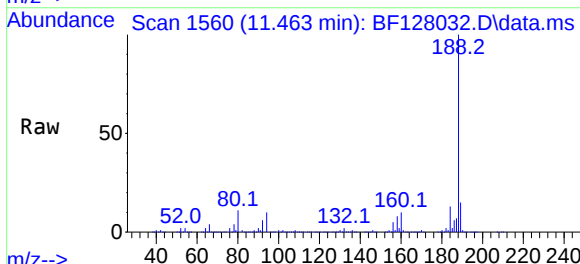
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Ion Ratio Lower Upper
166 100
165 104.2 78.6 117.8
167 13.5 10.5 15.7

Manual Integrations
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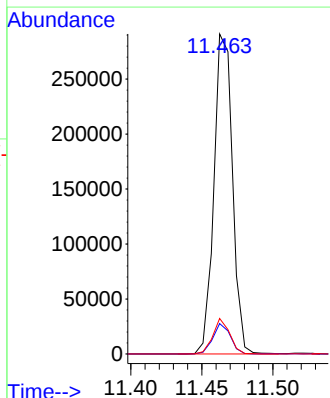
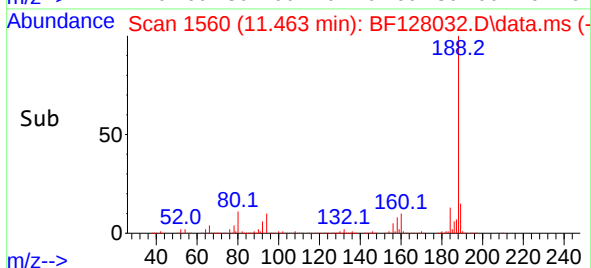
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

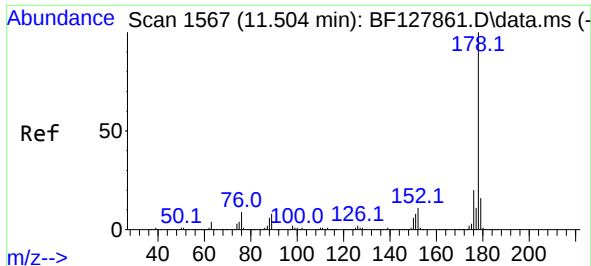


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10



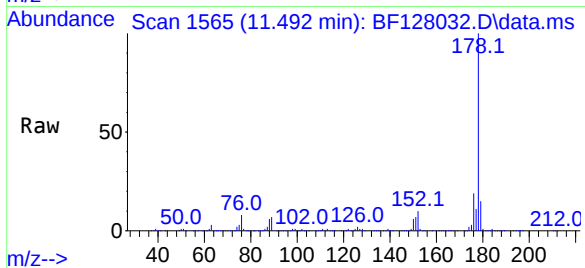
Tgt Ion:188 Resp: 264018
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 11.1 8.9 13.3





#71
Phenanthrene
Concen: 20.517 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

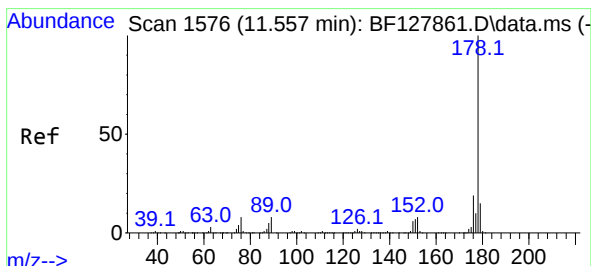
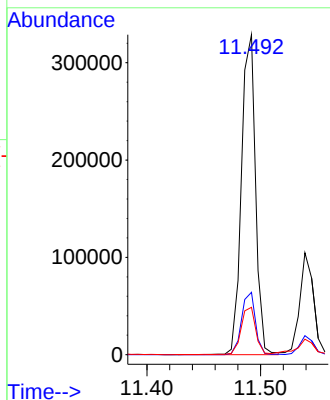
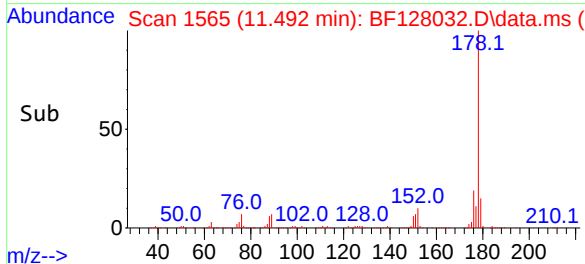
Instrument :
BNA_F
ClientSampleId :
TR-05-042822DL



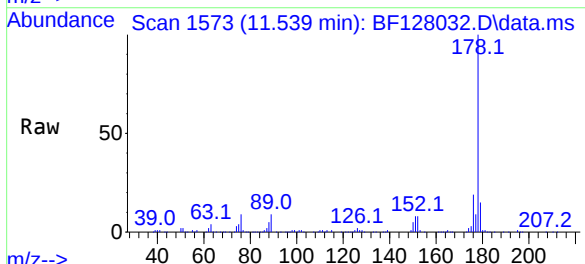
Tgt Ion:178 Resp: 28354
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 14.8 12.6 19.0

Manual Integrations
APPROVED

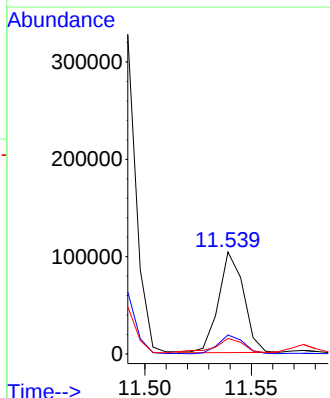
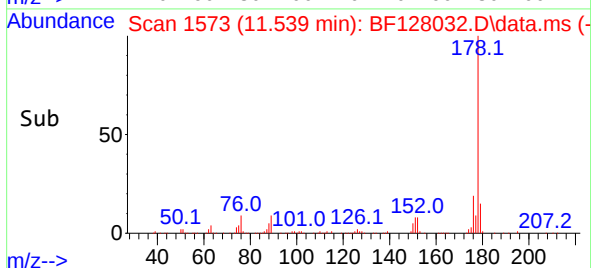
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

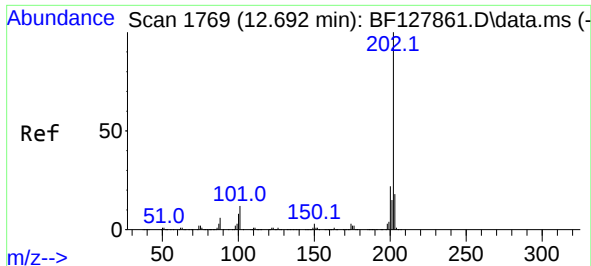


#72
Anthracene
Concen: 6.176 ng
RT: 11.539 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10



Tgt Ion:178 Resp: 85028
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 41.532 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Instrument :

BNA_F

ClientSampleId :

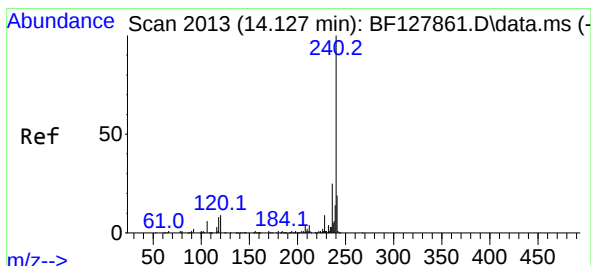
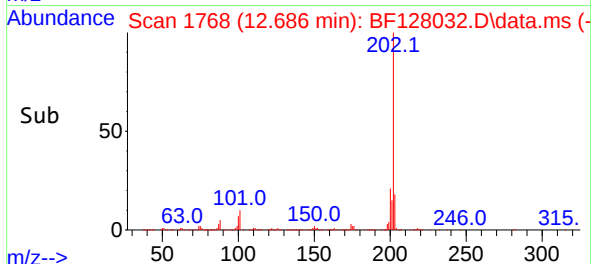
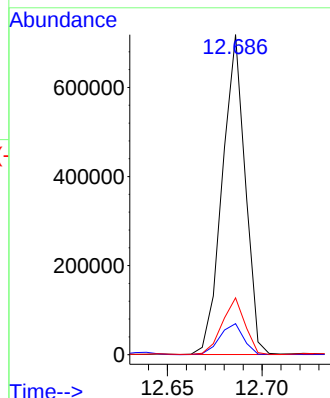
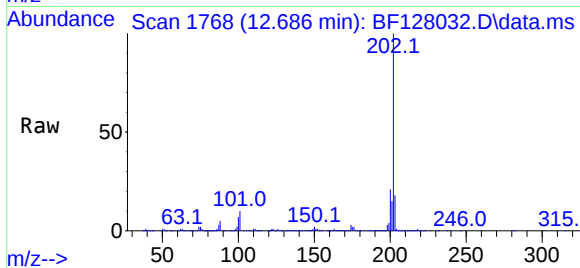
TR-05-042822DL

Tgt Ion:202 Resp: 604092
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.6
203 17.8 0.0 38.1

Manual Integrations

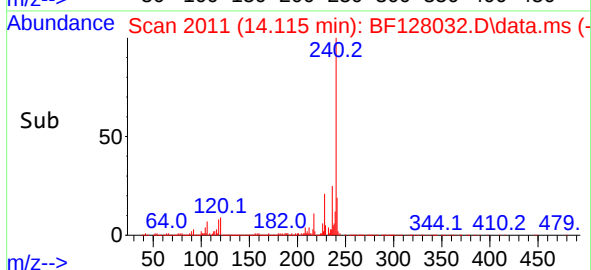
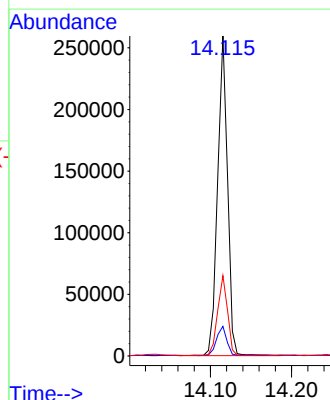
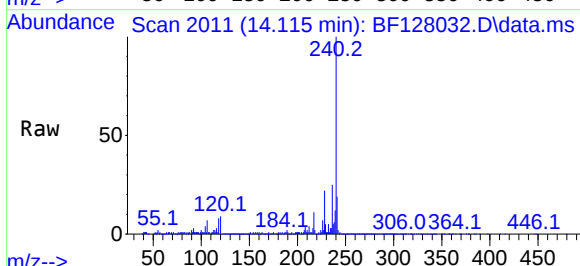
APPROVED

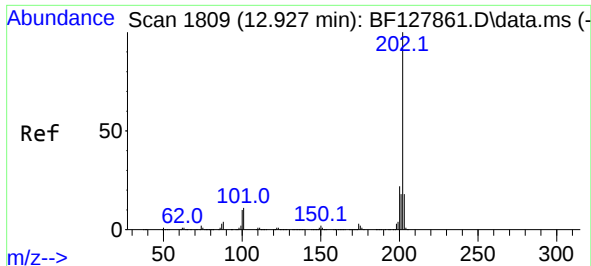
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

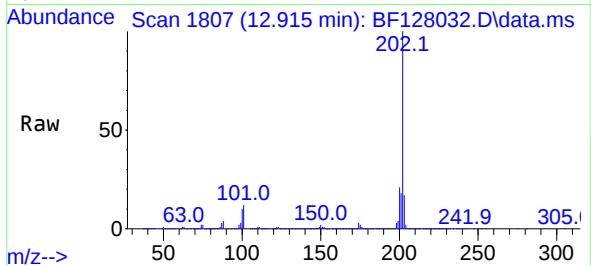
Tgt Ion:240 Resp: 219969
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.1 20.3 30.5





#78
Pyrene
Concen: 35.614 ng
RT: 12.915 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

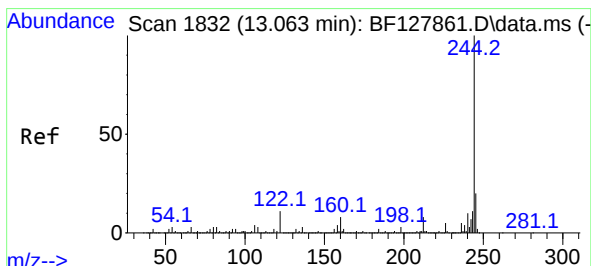
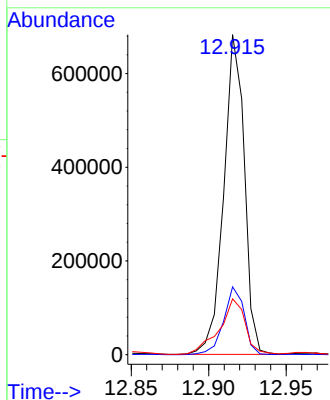
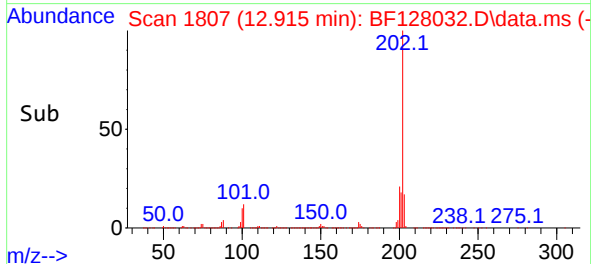
Instrument :
BNA_F
ClientSampleId :
TR-05-042822DL



Tgt Ion:202 Resp: 63240
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.5 14.0 21.0

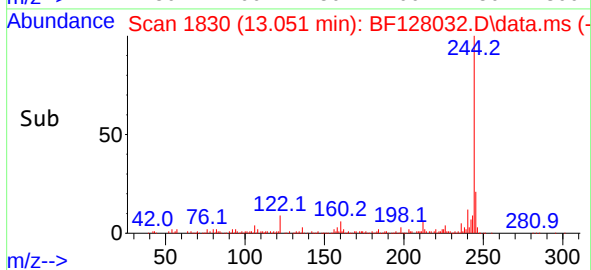
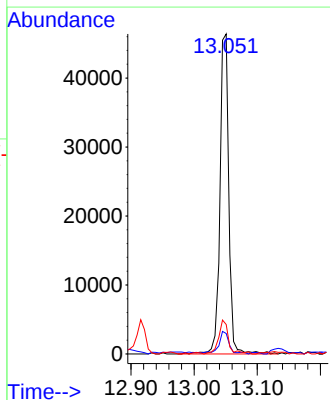
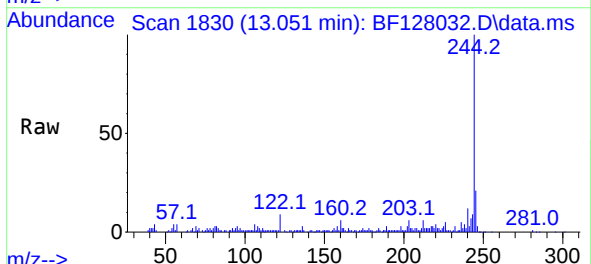
Manual Integrations
APPROVED

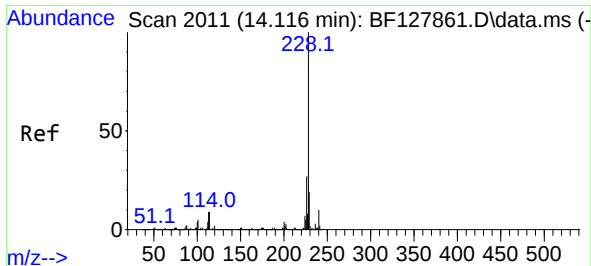
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#79
Terphenyl-d14
Concen: 3.788 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Tgt Ion:244 Resp: 45565
Ion Ratio Lower Upper
244 100
212 6.4 6.2 9.4
122 9.2 8.6 12.8





#81
Benzo(a)anthracene
Concen: 20.796 ng
RT: 14.104 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Instrument :

BNF_F

ClientSampleId :

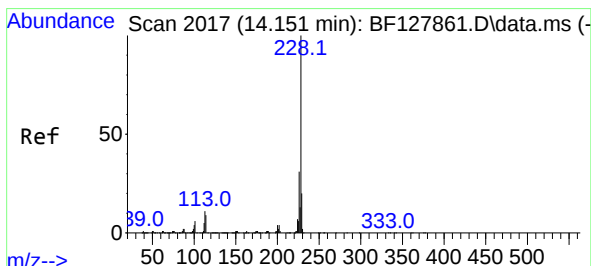
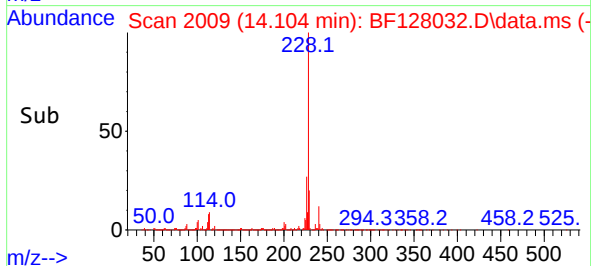
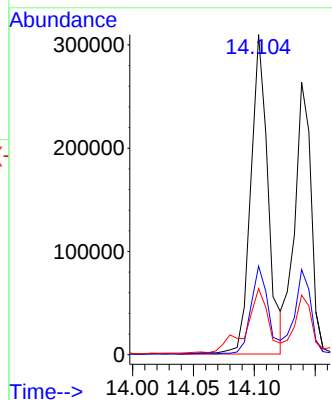
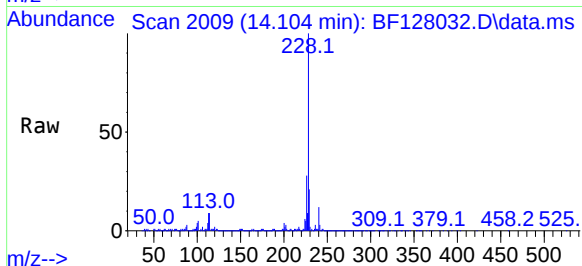
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Tgt Ion:228 Resp: 304899
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.7 15.4 23.2

Manual Integrations

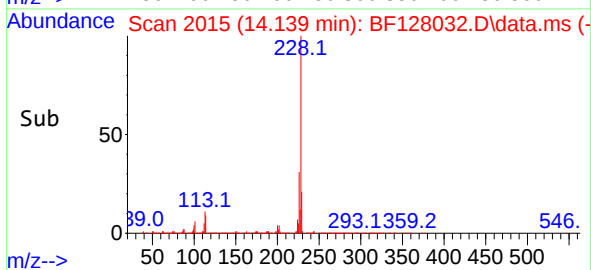
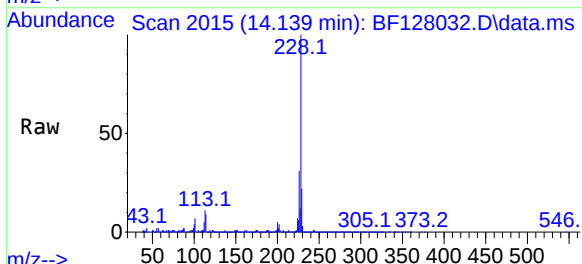
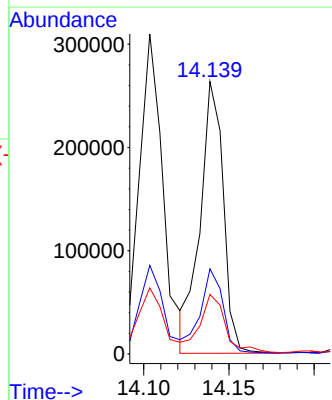
APPROVED

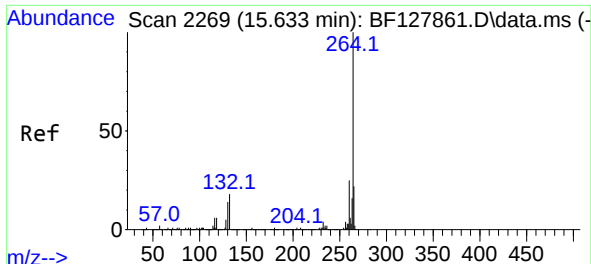
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#83
Chrysene
Concen: 17.764 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

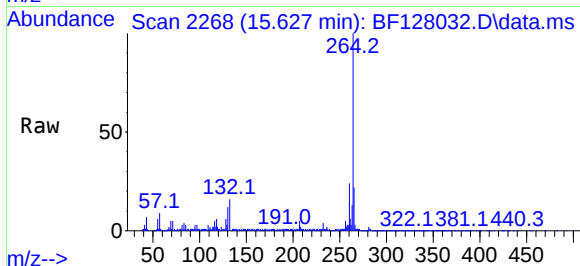
Tgt Ion:228 Resp: 248743
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 21.9 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

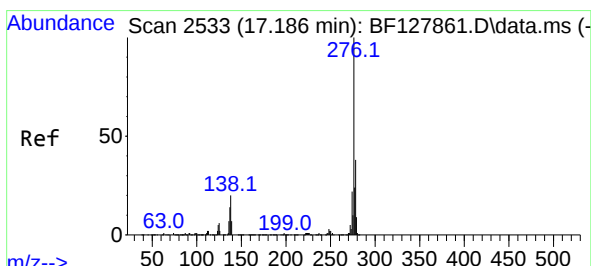
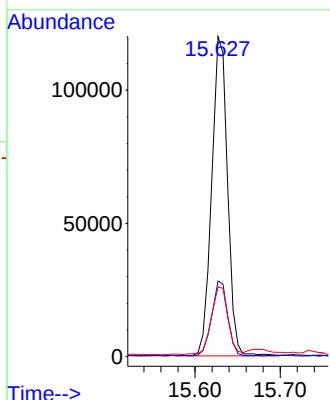
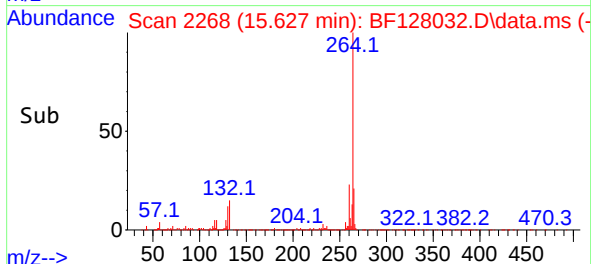
Instrument :
BNA_F
ClientSampleId :
TR-05-042822DL



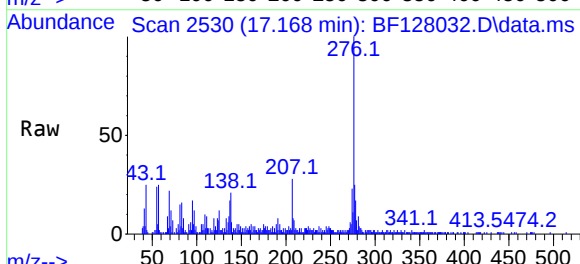
Tgt Ion:264 Resp: 15504
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.8 17.5 26.3

Manual Integrations
APPROVED

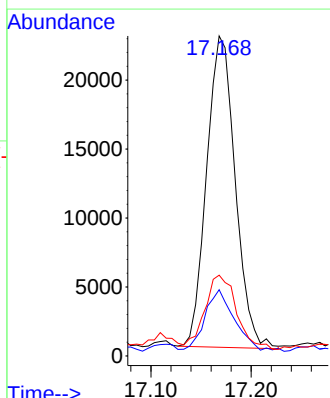
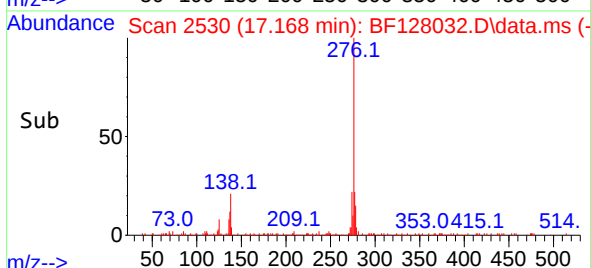
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

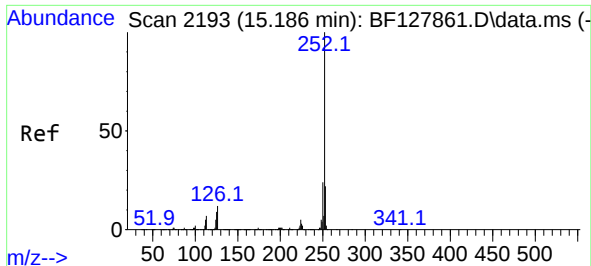


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.327 ng
RT: 17.168 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10



Tgt Ion:276 Resp: 44777
Ion Ratio Lower Upper
276 100
138 20.9 19.0 28.4
277 26.4 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 17.555 ng m
RT: 15.180 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Instrument :

BNA_F

ClientSampleId :

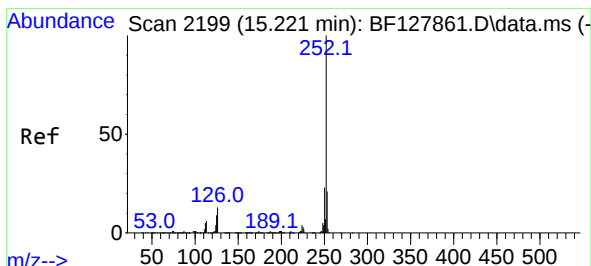
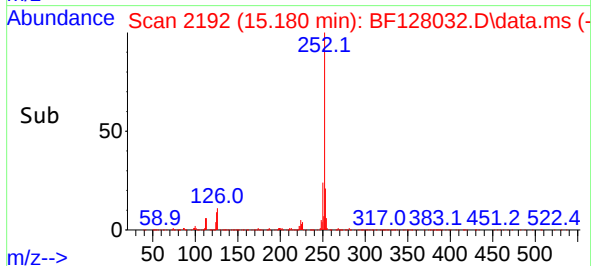
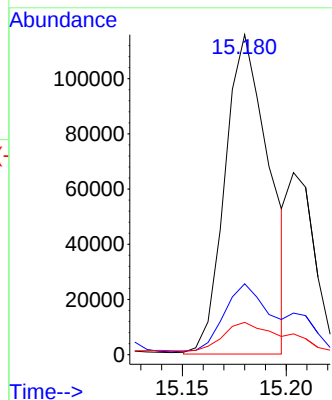
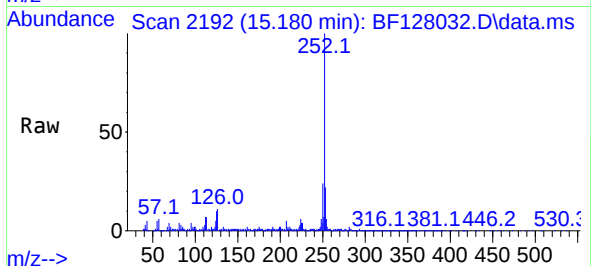
TR-05-042822DL

Tgt Ion:252 Resp: 17094
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.1 7.4 11.2

Manual Integrations

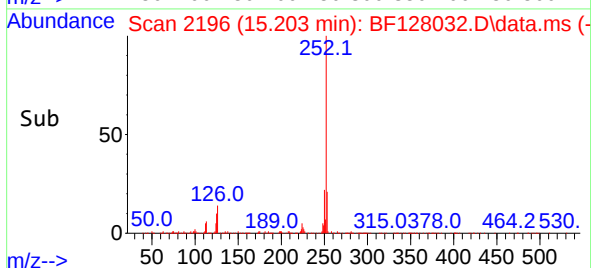
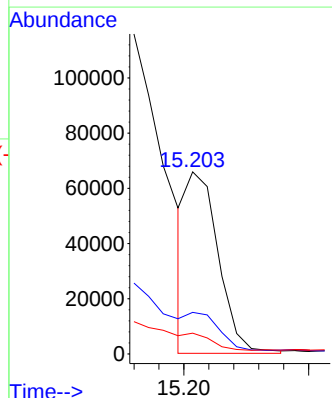
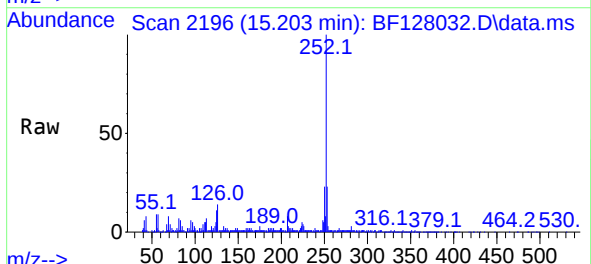
APPROVED

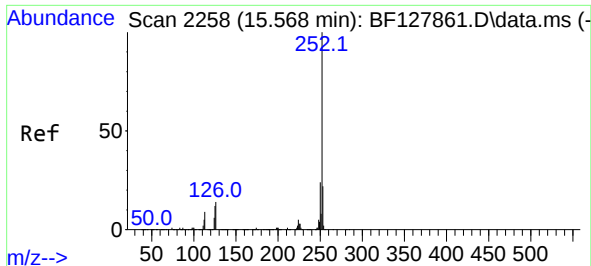
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#89
Benzo(k)fluoranthene
Concen: 5.929 ng m
RT: 15.203 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Tgt Ion:252 Resp: 58165
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 11.4 6.8 10.2#





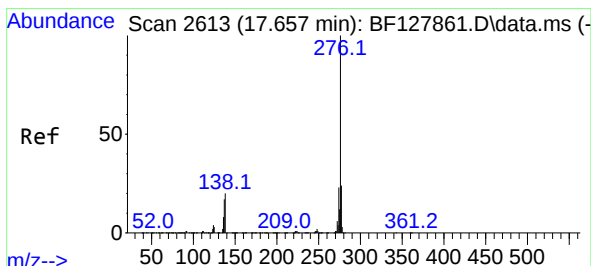
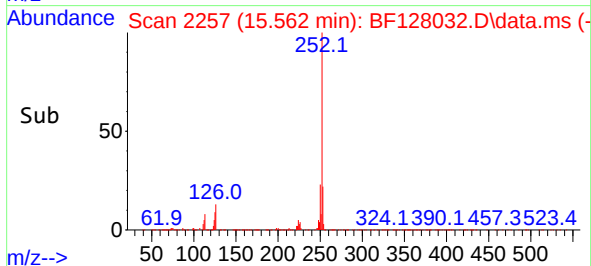
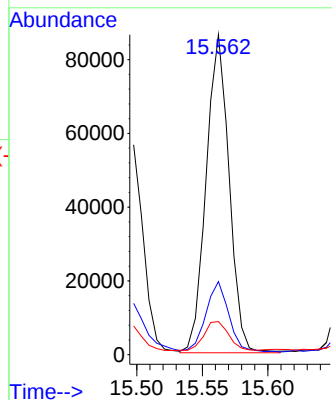
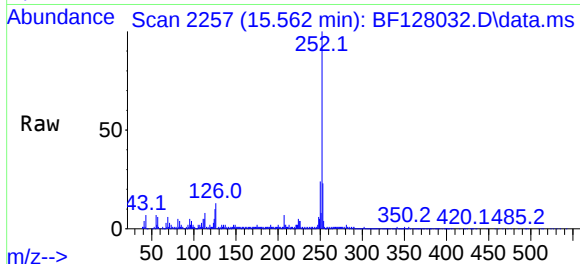
#90
Benzo(a)pyrene
Concen: 13.038 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Instrument :
BNA_F
ClientSampleId :
TR-05-042822DL

Tgt Ion:252 Resp: 105318
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.4 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#92
Benzo(g,h,i)perylene
Concen: 5.360 ng
RT: 17.639 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF128032.D
Acq: 02 May 2022 18:10

Tgt Ion:276 Resp: 46884
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 19.8 16.2 24.2

