

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128180.D
 Acq On : 11 May 2022 00:47
 Operator : CG\JU
 Sample : N2749-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: May 11 04:02:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2022
 Supervised By :Jagrut Upadhyay 05/11/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74660	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	284586	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	163180	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	260155	20.000	ng	0.00
76) Chrysene-d12	14.074	240	159546	20.000	ng	0.00
86) Perylene-d12	15.568	264	154818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	648354	138.436	ng	0.00
7) Phenol-d6	6.522	99	845304	136.459	ng	0.00
23) Nitrobenzene-d5	7.457	82	605305	95.706	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	229855	122.820	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	941636	90.291	ng	0.00
79) Terphenyl-d14	13.016	244	813186	95.639	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.792	152	42060	3.158	ng	98
71) Phenanthrene	11.445	178	83453	6.442	ng	98
72) Anthracene	11.498	178	30626m	2.368	ng	
75) Fluoranthene	12.639	202	106789	7.604	ng	97
78) Pyrene	12.874	202	97560	8.433	ng	98
81) Benzo(a)anthracene	14.063	228	57532	5.646	ng	# 77
83) Chrysene	14.098	228	55568	5.715	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.080	276	29621	3.163	ng	93
88) Benzo(b)fluoranthene	15.127	252	67191m	7.001	ng	
89) Benzo(k)fluoranthene	15.151	252	21674m	2.288	ng	
90) Benzo(a)pyrene	15.504	252	47428	6.121	ng	98
92) Benzo(g,h,i)perylene	17.539	276	33689	4.388	ng	96

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

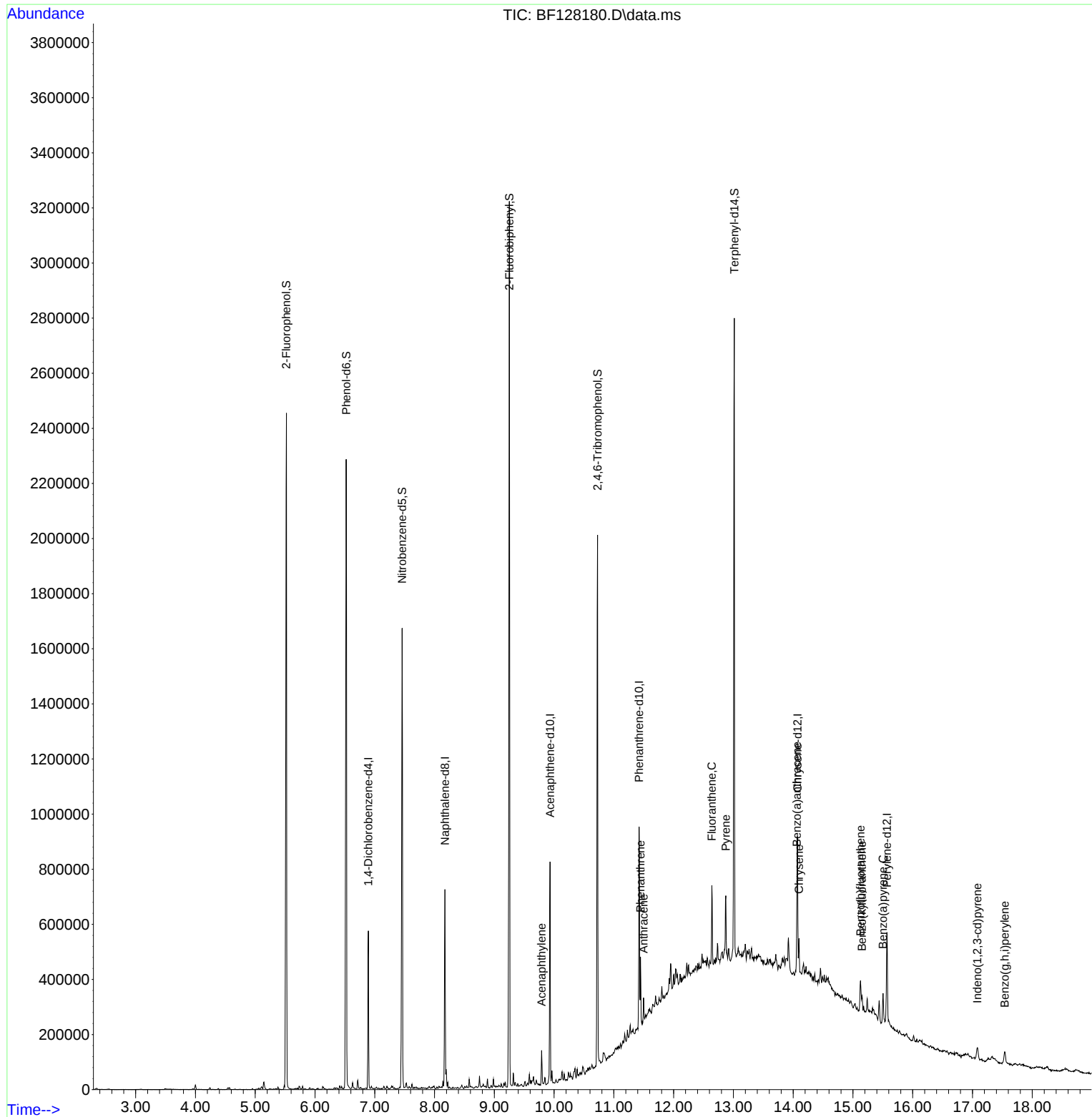
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128180.D
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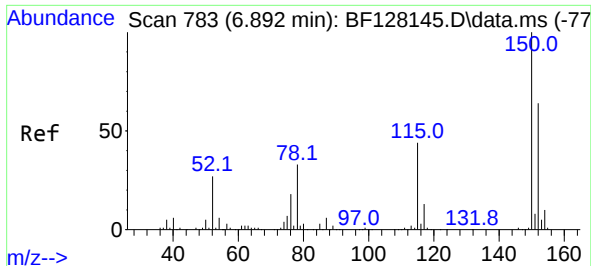
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Quant Time: May 11 04:02:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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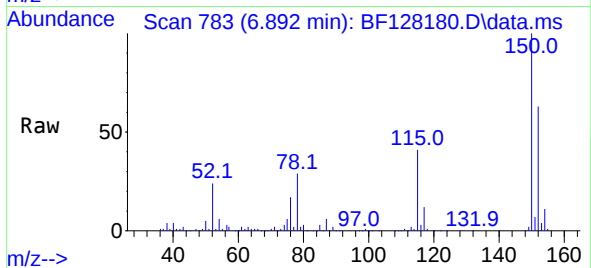
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

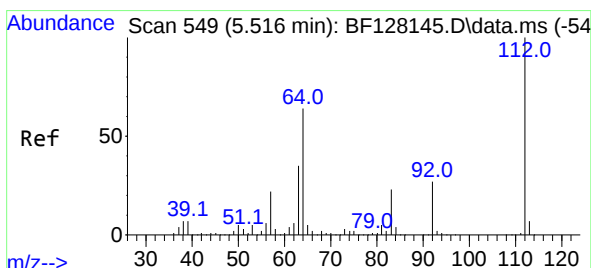
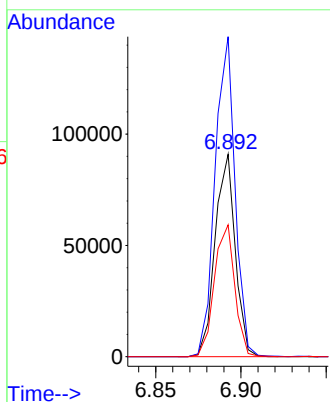
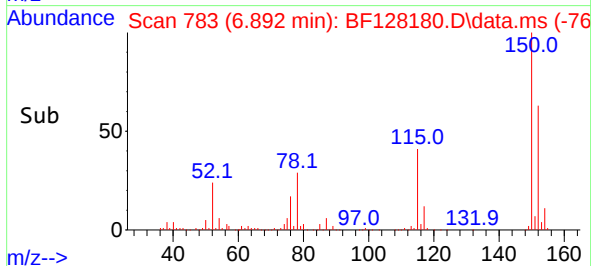
Instrument :
BNA_F
ClientSampleId :
TP-6



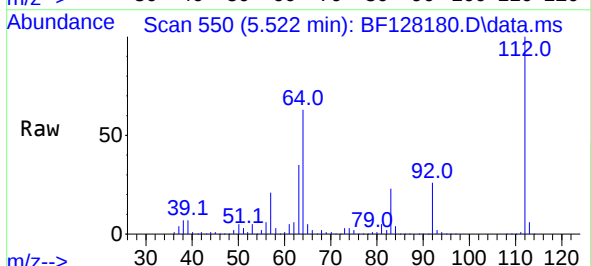
Tgt Ion:152 Resp: 74660
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 65.1 48.8 73.2

Manual Integrations
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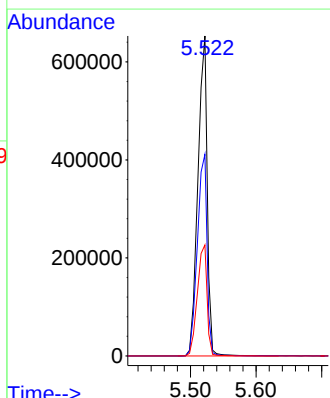
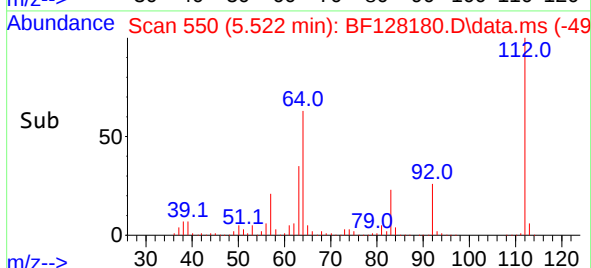
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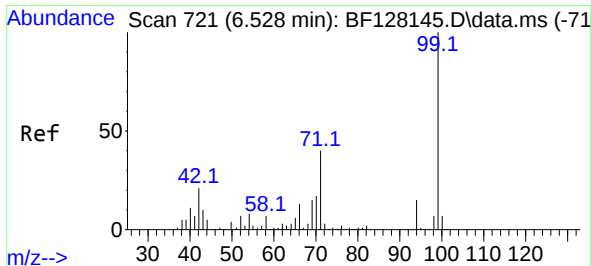


#5
2-Fluorophenol
Concen: 138.436 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



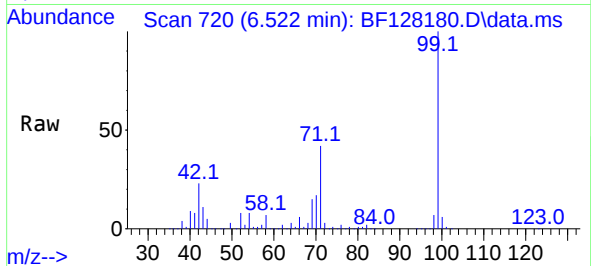
Tgt Ion:112 Resp: 648354
Ion Ratio Lower Upper
112 100
64 63.0 49.5 74.3
63 34.7 26.3 39.5





#7
Phenol-d6
Concen: 136.459 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

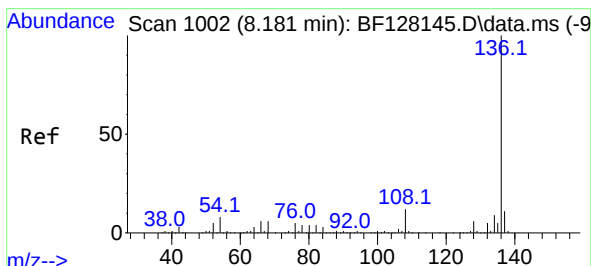
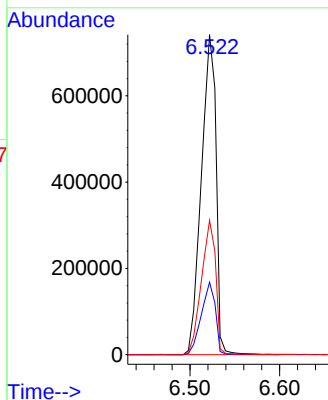
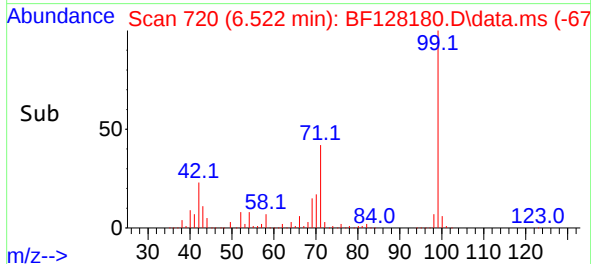
Instrument :
BNA_F
ClientSampleId :
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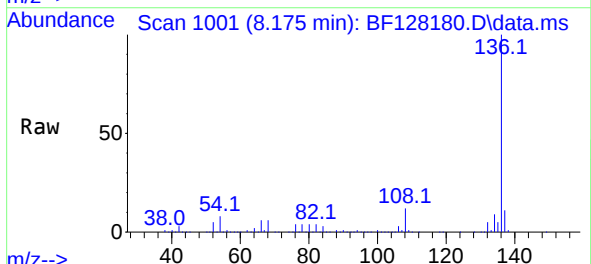
Tgt Ion: 99 Resp: 845304
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 41.9 30.0 45.0

Manual Integrations
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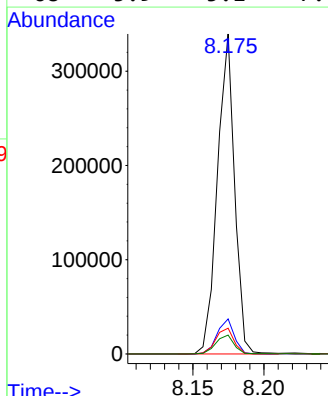
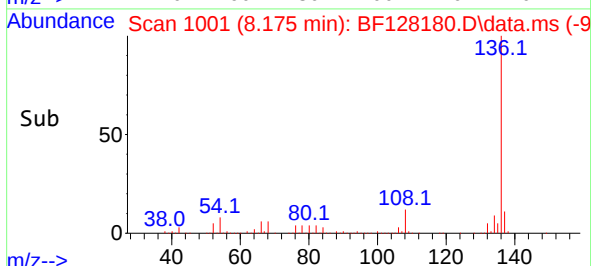
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

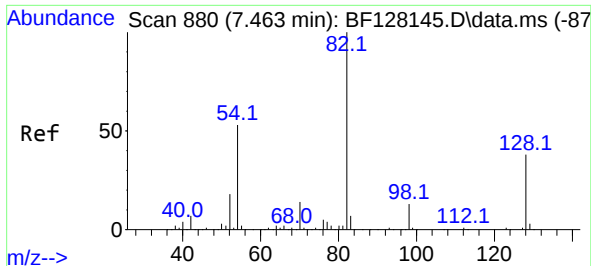


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



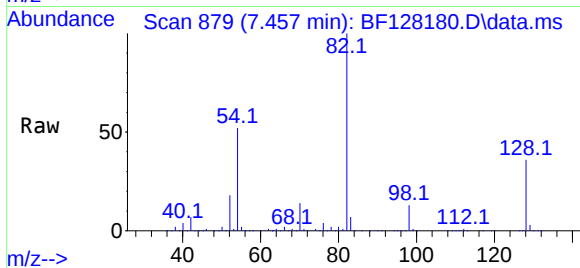
Tgt Ion:136 Resp: 284586
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 6.8 10.2
68 5.9 5.1 7.7





#23
Nitrobenzene-d5
Concen: 95.706 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

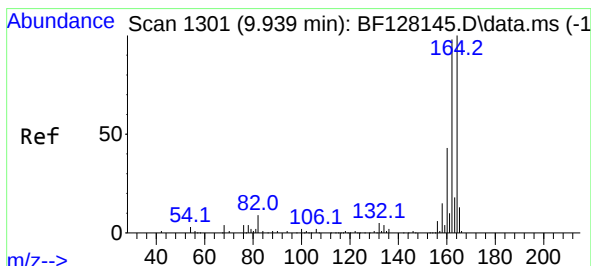
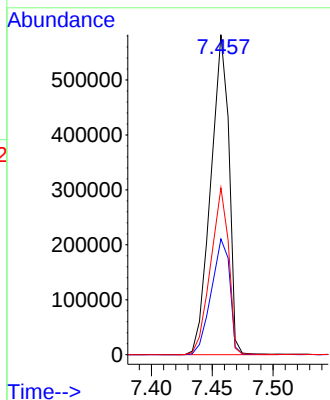
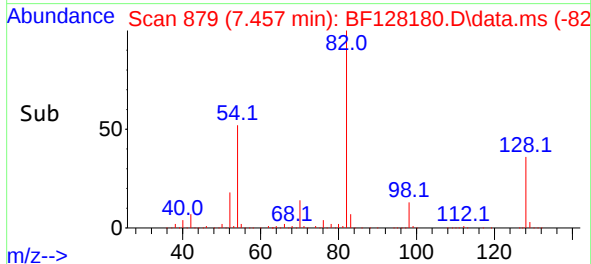
Instrument :
BNA_F
ClientSampleId :
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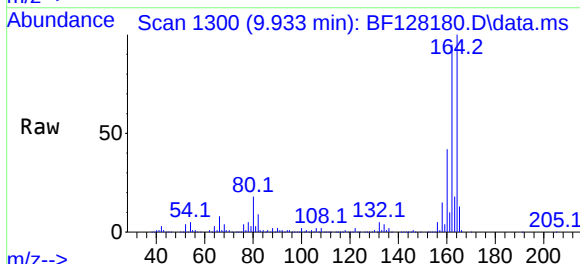
Tgt Ion: 82 Resp: 60530
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.1 41.3 61.9

Manual Integrations
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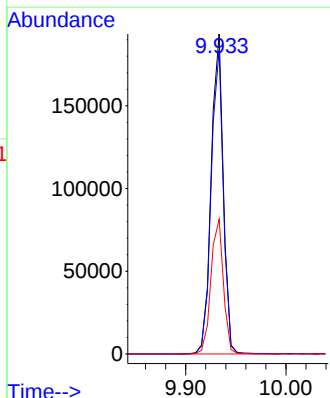
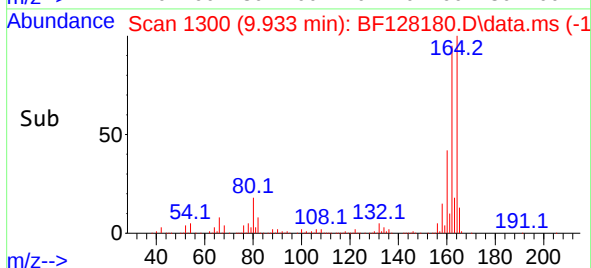
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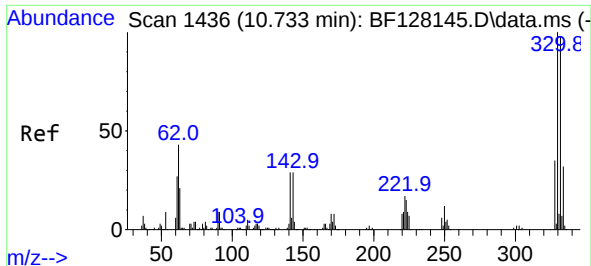


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



Tgt Ion:164 Resp: 163180
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 42.1 34.8 52.2





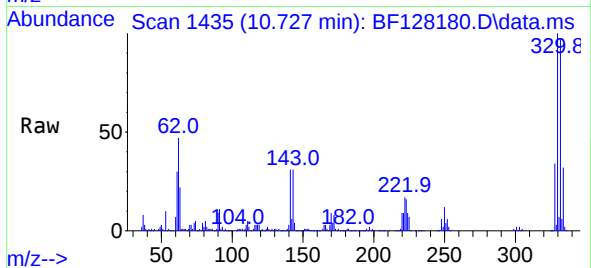
#42
2,4,6-Tribromophenol
Concen: 122.820 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP-6

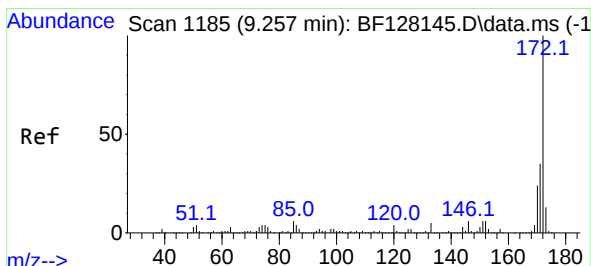
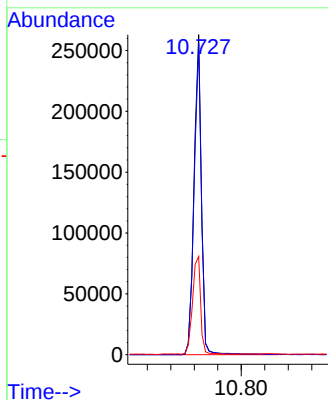
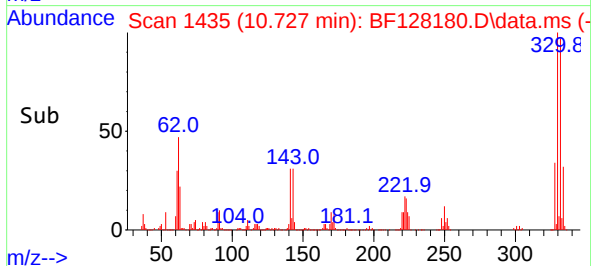


Tgt Ion:330 Resp: 22985
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 33.4 28.9 43.3

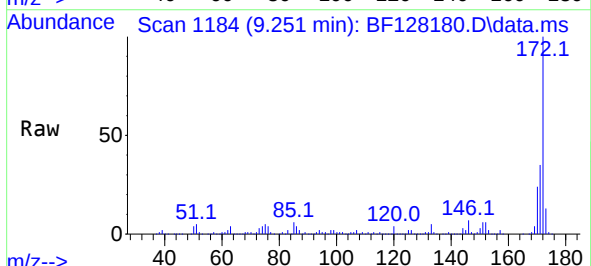
Manual Integrations

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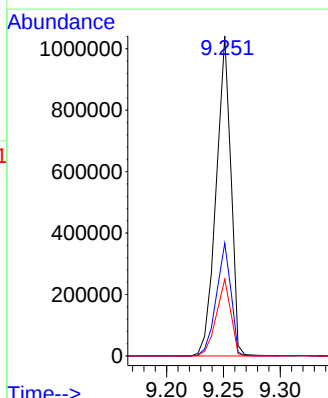
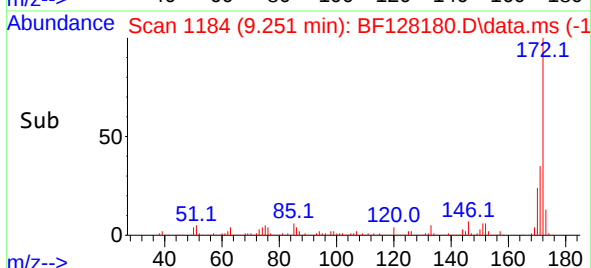
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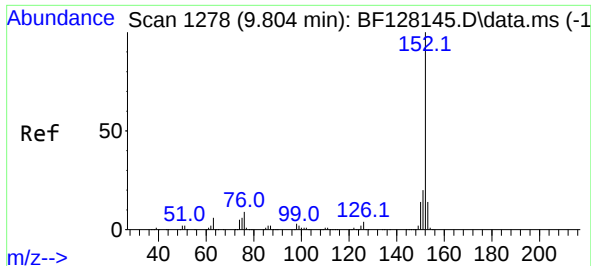


#45
2-Fluorobiphenyl
Concen: 90.291 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



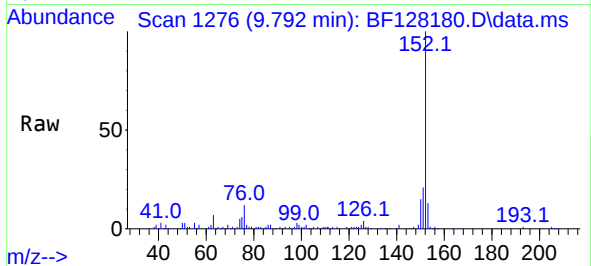
Tgt Ion:172 Resp: 941636
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.0 19.1 28.7





#49
Acenaphthylene
Concen: 3.158 ng
RT: 9.792 min Scan# 151
Delta R.T. -0.012 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

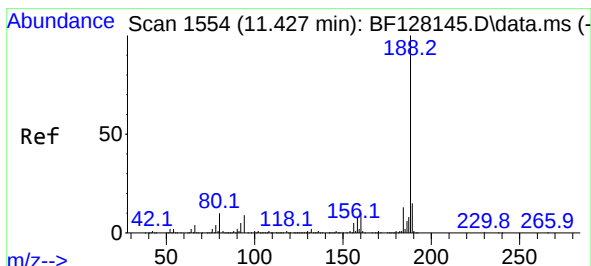
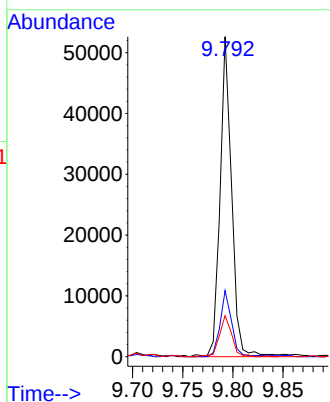
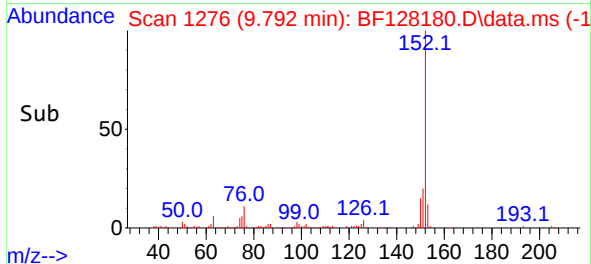
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BNA_F
ClientSampleId :
TP-6



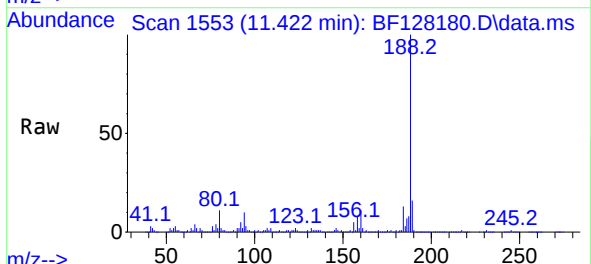
Tgt Ion:152 Resp: 42060
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 12.8 11.2 16.8

Manual Integrations
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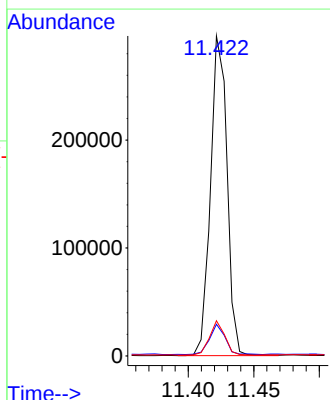
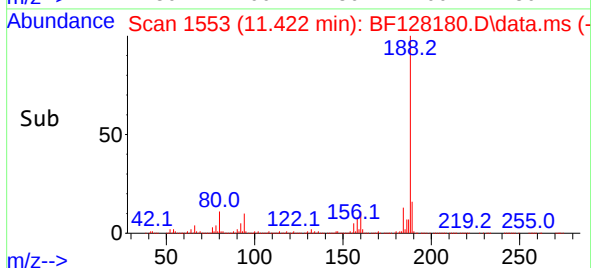
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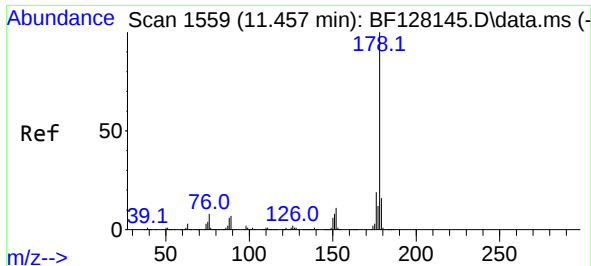


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



Tgt Ion:188 Resp: 260155
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.0 8.9 13.3





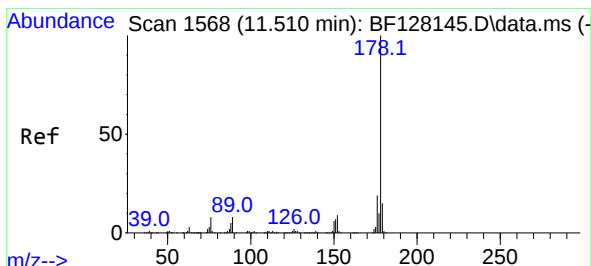
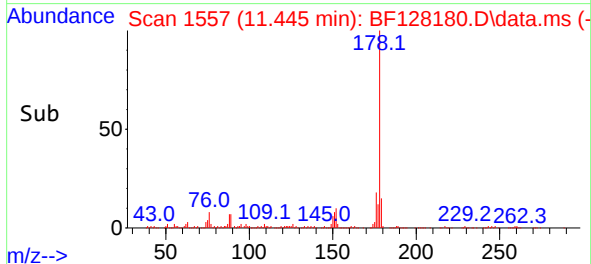
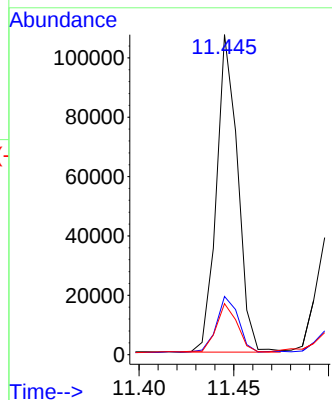
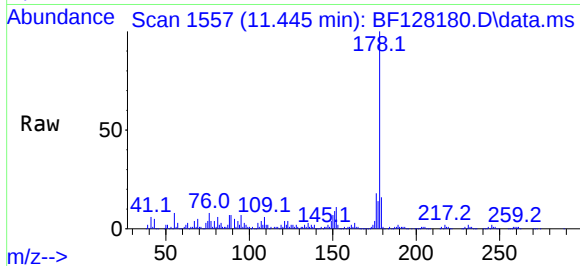
#71
Phenanthrene
Concen: 6.442 ng
RT: 11.445 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:178 Resp: 8345
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 15.9 12.6 19.0

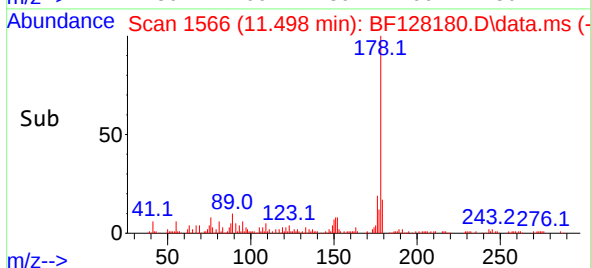
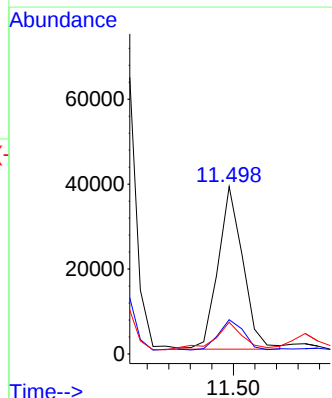
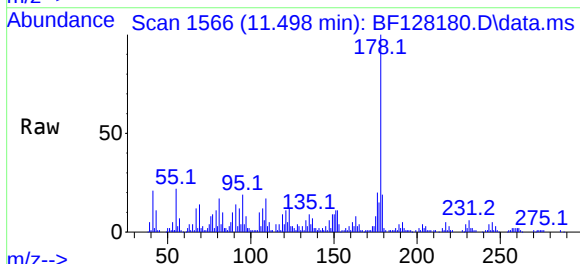
Manual Integrations
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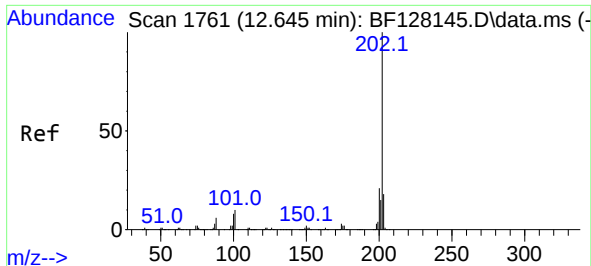
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#72
Anthracene
Concen: 2.368 ng m
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

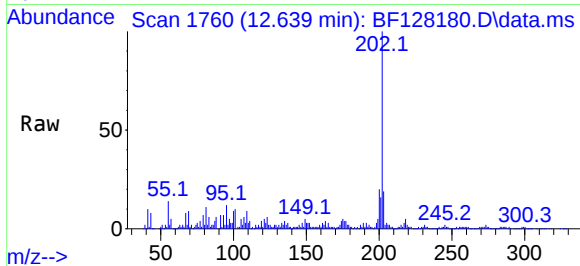
Tgt Ion:178 Resp: 30626
Ion Ratio Lower Upper
178 100
176 20.4 15.0 22.6
179 18.9 12.4 18.6#





#75
Fluoranthene
Concen: 7.604 ng
RT: 12.639 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

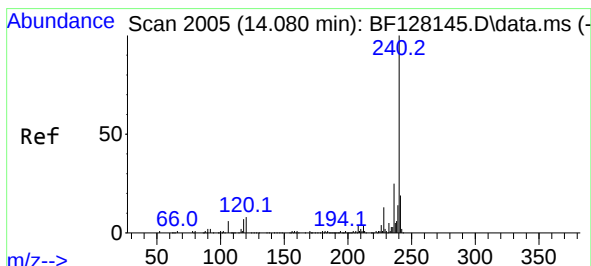
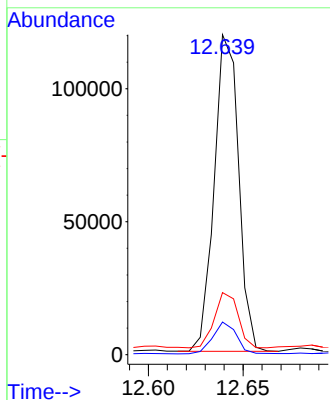
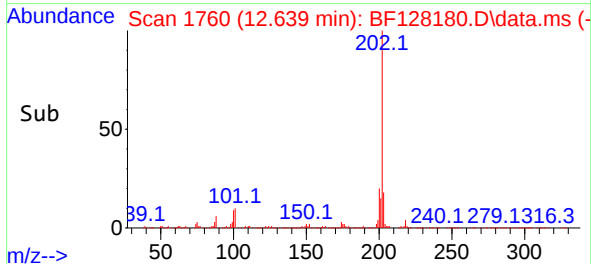
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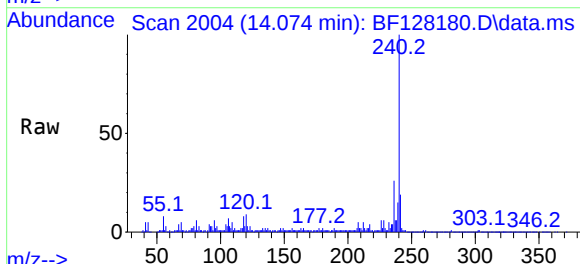
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Ion Ratio Lower Upper
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101 10.2 0.0 31.6
203 19.4 0.0 38.1

Manual Integrations
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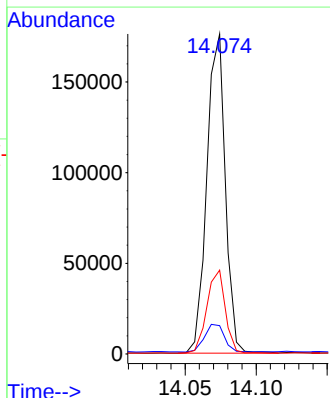
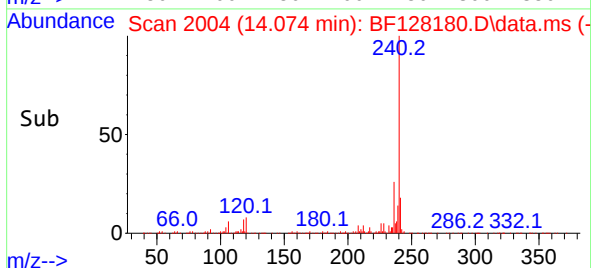
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

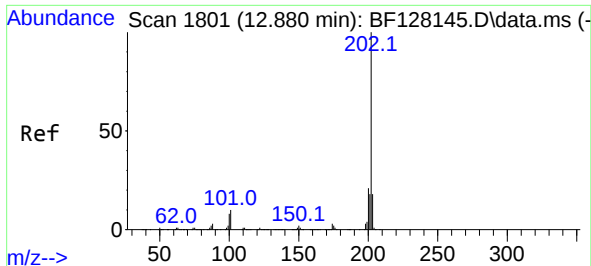


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



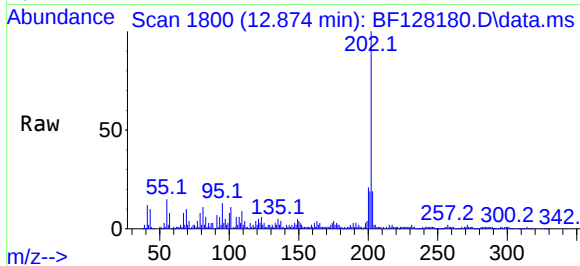
Tgt Ion:240 Resp: 159546
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.2 20.3 30.5





#78
Pyrene
Concen: 8.433 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

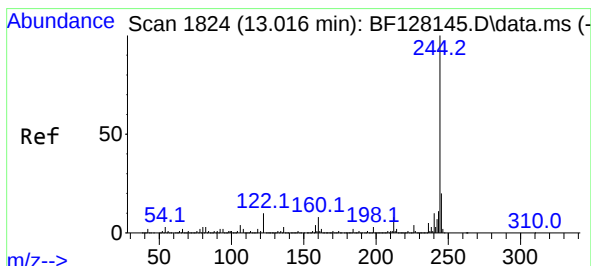
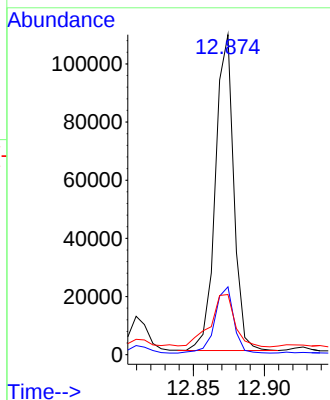
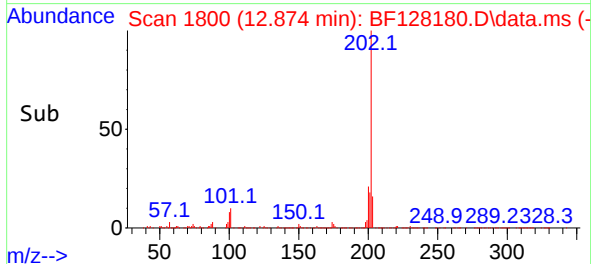
Instrument :
BNA_F
ClientSampleId :
TP-6



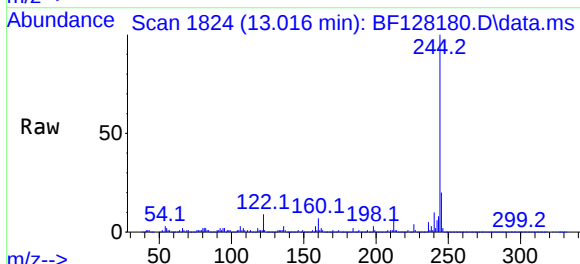
Tgt Ion:202 Resp: 97560
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.8 14.0 21.0

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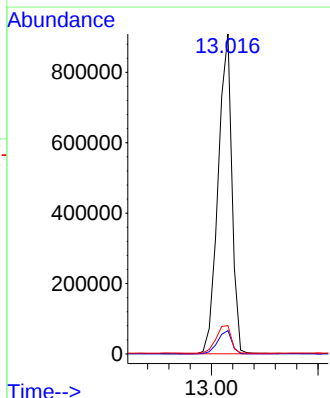
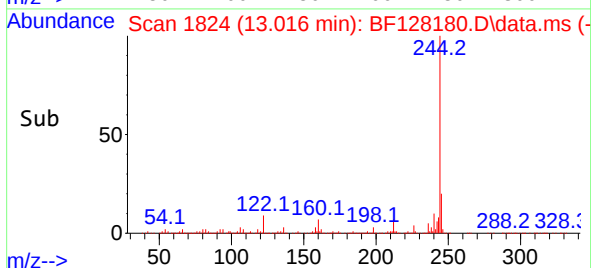
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

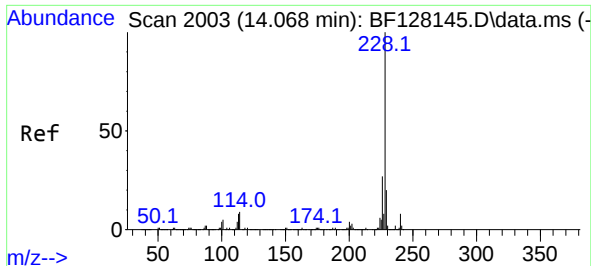


#79
Terphenyl-d14
Concen: 95.639 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



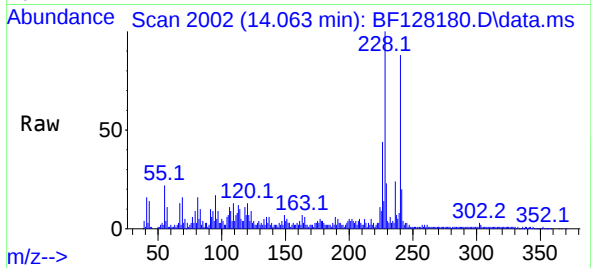
Tgt Ion:244 Resp: 813186
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.8 8.6 12.8





#81
Benzo(a)anthracene
Concen: 5.646 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

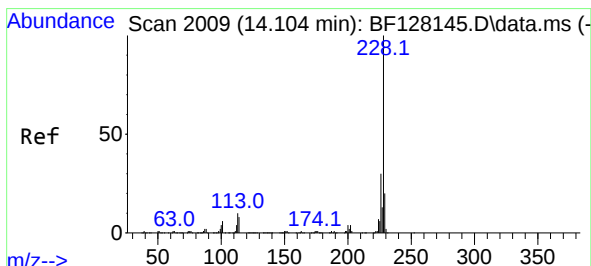
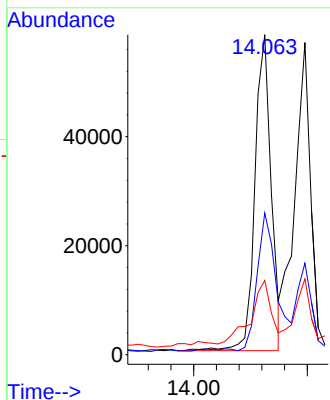
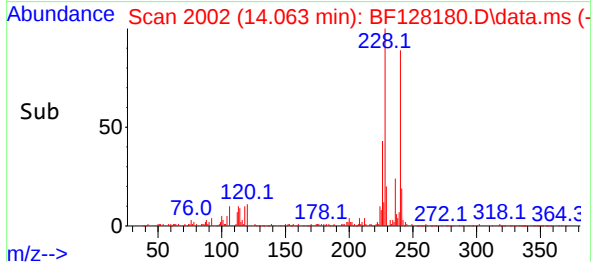
Instrument :
BNA_F
ClientSampleId :
TP-6



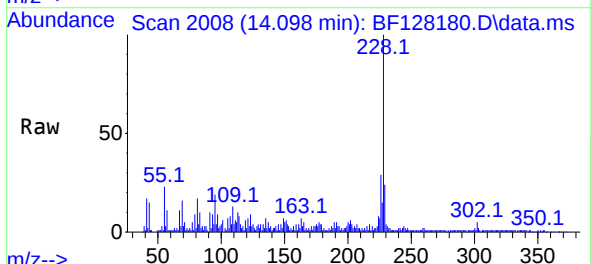
Tgt Ion:228 Resp: 5753
Ion Ratio Lower Upper
228 100
226 44.3 21.7 32.5
229 23.2 15.4 23.2

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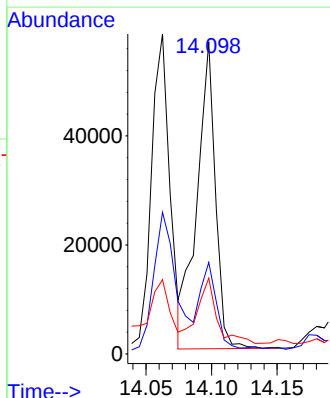
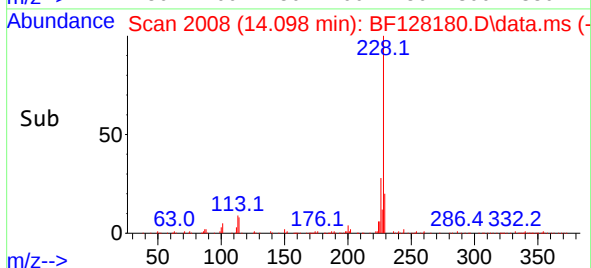
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

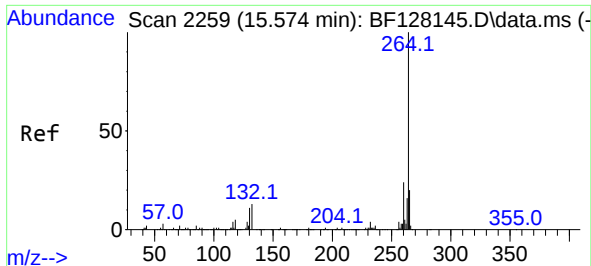


#83
Chrysene
Concen: 5.715 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



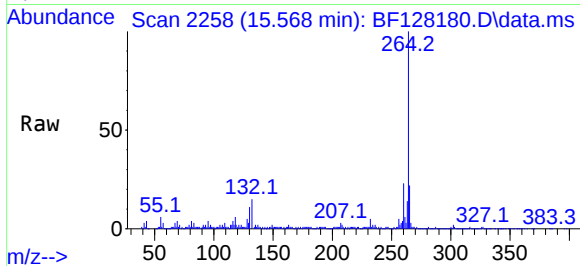
Tgt Ion:228 Resp: 55568
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 24.3 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

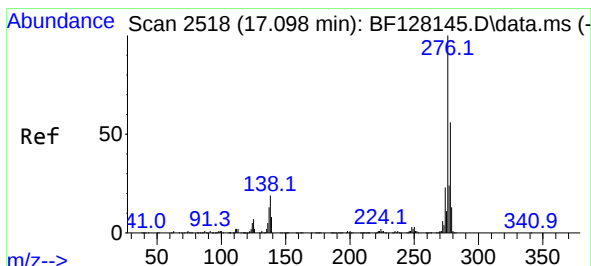
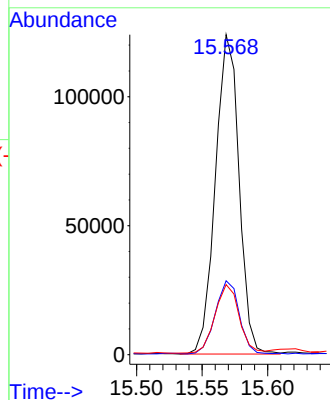
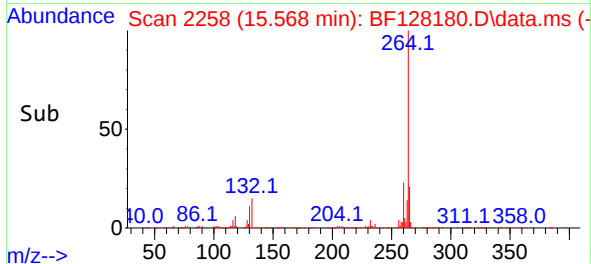
Instrument :
BNA_F
ClientSampleId :
TP-6



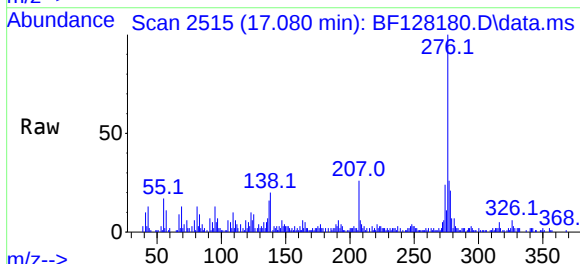
Tgt Ion:264 Resp: 154818
Ion Ratio Lower Upper
264 100
260 23.1 20.1 30.1
265 21.9 17.5 26.3

Manual Integrations
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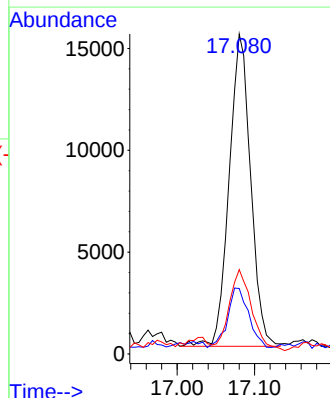
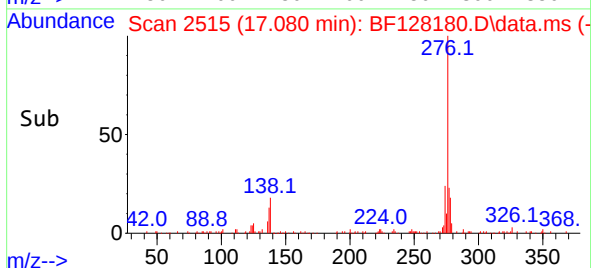
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

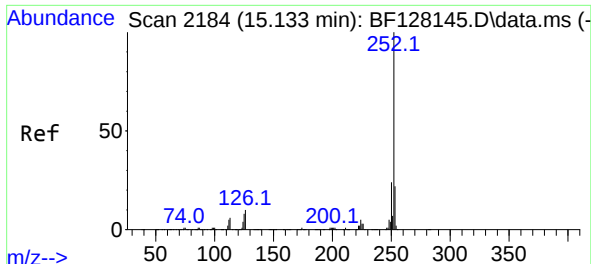


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.163 ng
RT: 17.080 min Scan# 2515
Delta R.T. -0.018 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47



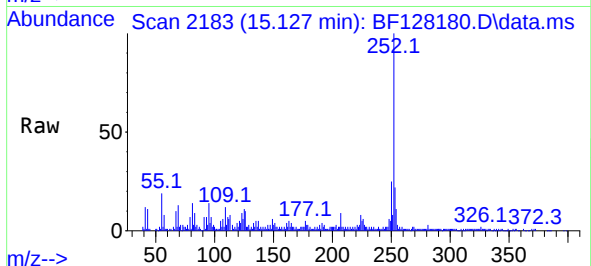
Tgt Ion:276 Resp: 29621
Ion Ratio Lower Upper
276 100
138 19.2 19.0 28.4
277 27.4 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 7.001 ng m
RT: 15.127 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

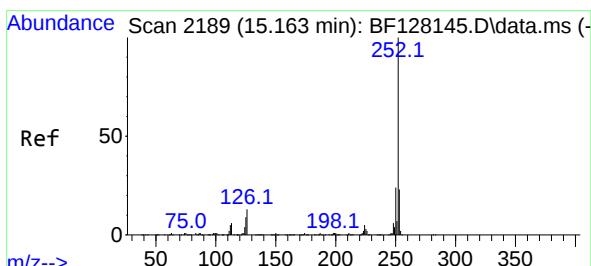
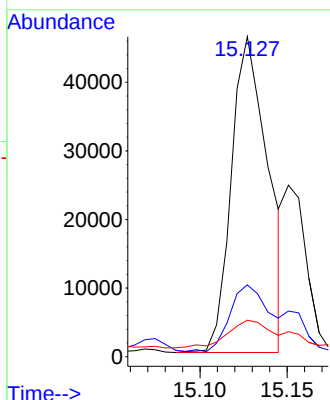
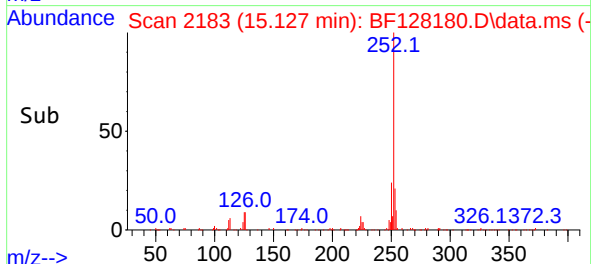
Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:252 Resp: 6719
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.4 7.4 11.2

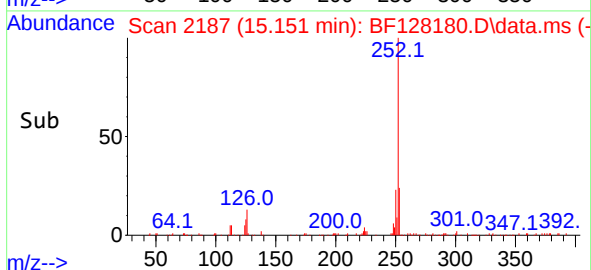
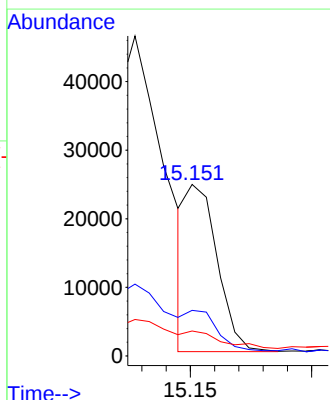
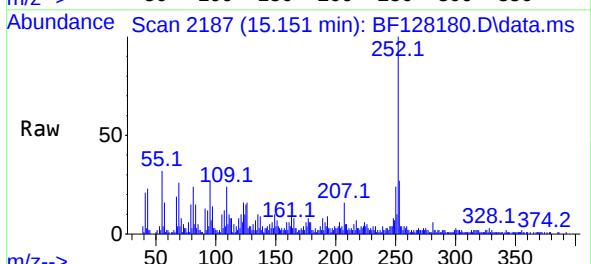
Manual Integrations
APPROVED

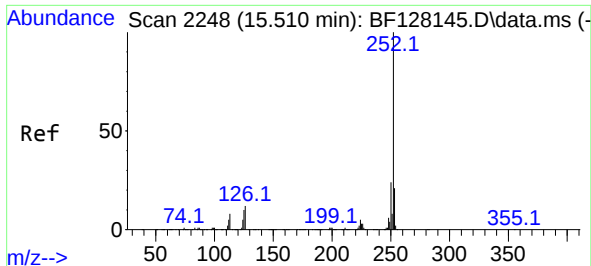
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#89
Benzo(k)fluoranthene
Concen: 2.288 ng m
RT: 15.151 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

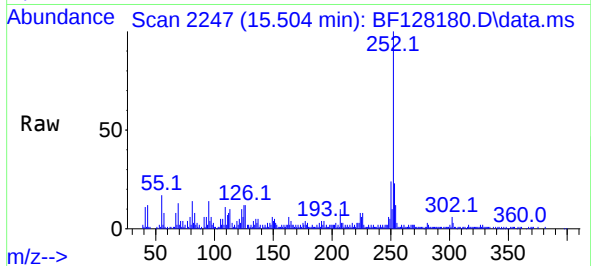
Tgt Ion:252 Resp: 21674
Ion Ratio Lower Upper
252 100
253 26.6 17.0 25.4#
125 14.5 6.8 10.2#





#90
Benzo(a)pyrene
Concen: 6.121 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

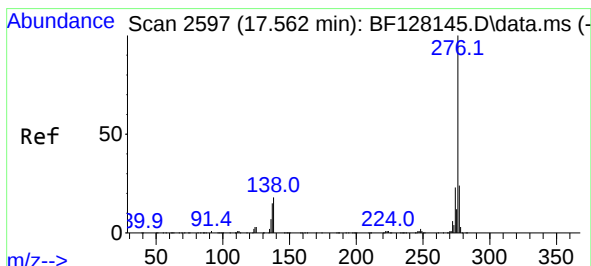
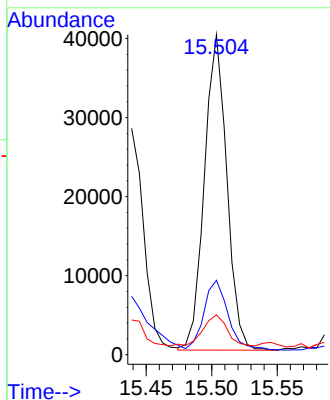
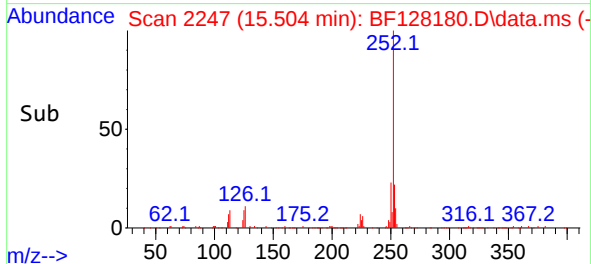
Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:252 Resp: 47428
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.5 9.2 13.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#92
Benzo(g,h,i)perylene
Concen: 4.388 ng
RT: 17.539 min Scan# 2593
Delta R.T. -0.024 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion:276 Resp: 33689
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 16.9 16.2 24.2

