

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127100.D
 Acq On : 28 Feb 2022 15:22
 Operator : CG\JU
 Sample : N1681-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-1-8FT

Quant Time: Feb 28 16:59:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/01/2022
 Supervised By :Jagrut Upadhyay 03/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98788	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	402020	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	210868	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	383009	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	170897	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	187920	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	618352	96.743	ng	0.00
7) Phenol-d6	6.528	99	810016	93.919	ng	-0.01
23) Nitrobenzene-d5	7.463	82	566780	63.636	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	252239	103.894	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	933781	65.191	ng	0.00
79) Terphenyl-d14	13.022	244	878139	75.537	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.457	178	94507	4.408	ng	99
75) Fluoranthene	12.645	202	95791	4.706	ng	95
78) Pyrene	12.880	202	85227	5.740	ng	97
81) Benzo(a)anthracene	14.068	228	28064	2.436	ng	96
83) Chrysene	14.104	228	27596	2.547	ng	97
88) Benzo(b)fluoranthene	15.133	252	32270m	2.557	ng	
90) Benzo(a)pyrene	15.510	252	22000	2.232	ng	# 94

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

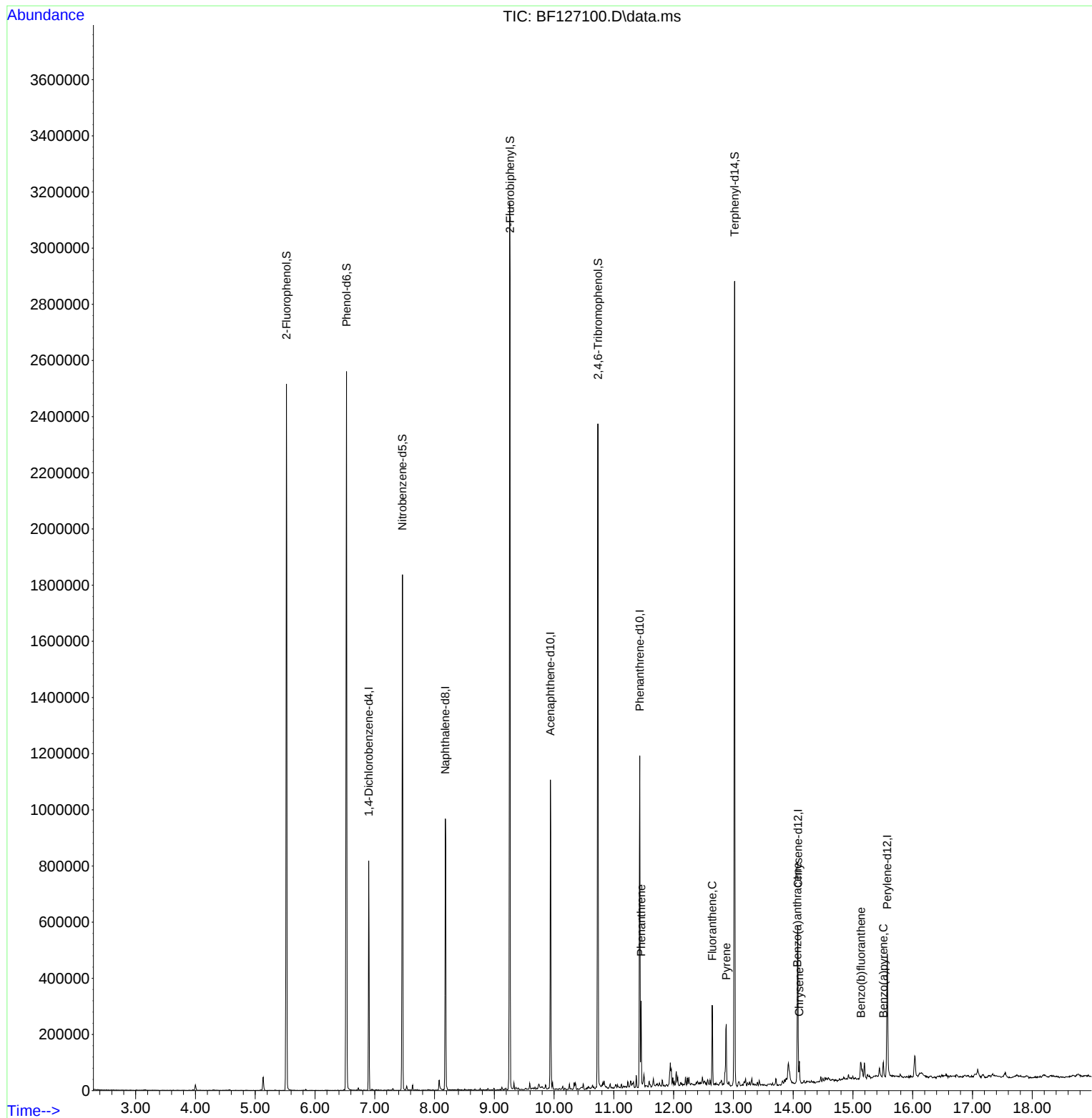
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127100.D
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

Instrument :

BNA_F

ClientSampleId :

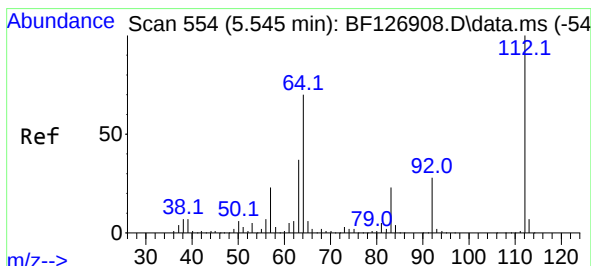
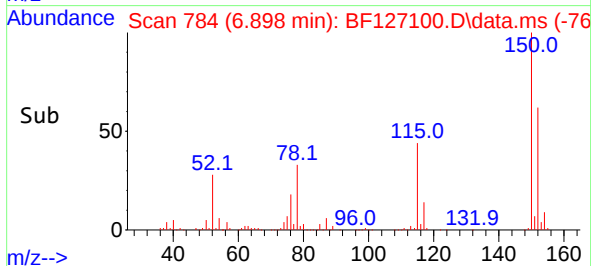
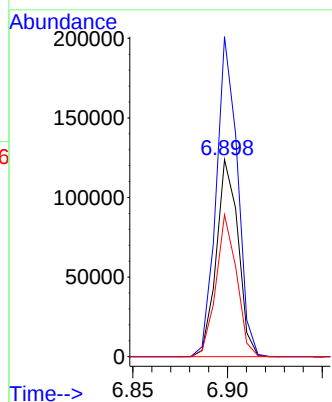
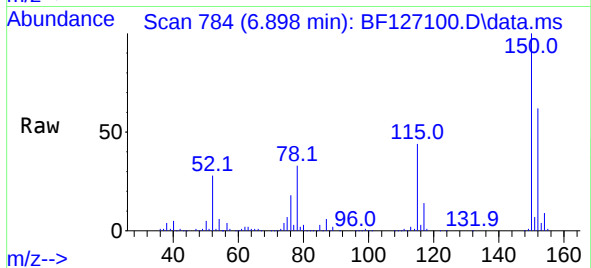
TP-3-1-8FT

Tgt Ion:152 Resp: 98788
Ion Ratio Lower Upper
152 100
150 162.3 128.1 192.1
115 72.0 56.7 85.1

Manual Integrations

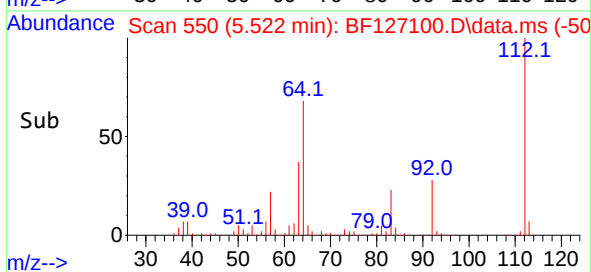
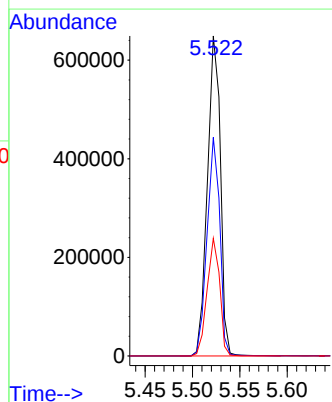
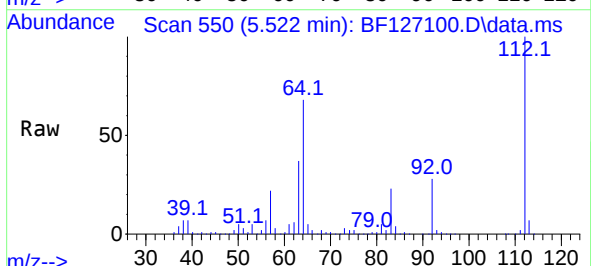
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#5
2-Fluorophenol
Concen: 96.743 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

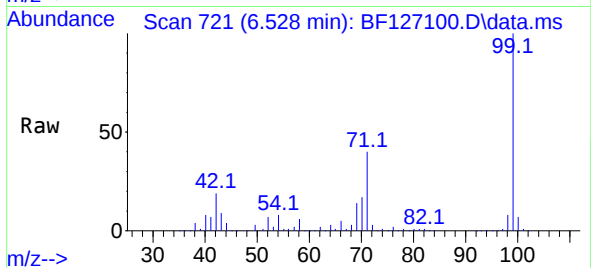
Tgt Ion:112 Resp: 618352
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 36.8 23.9 35.9





#7
Phenol-d6
Concen: 93.919 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

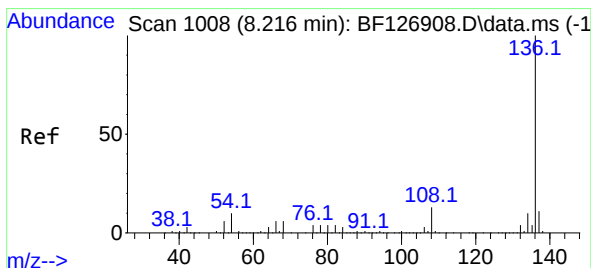
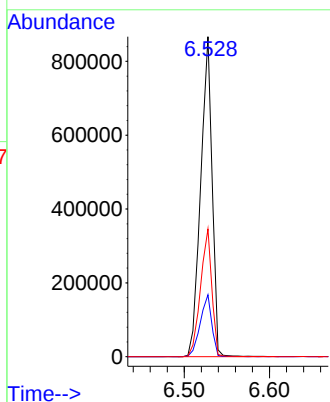
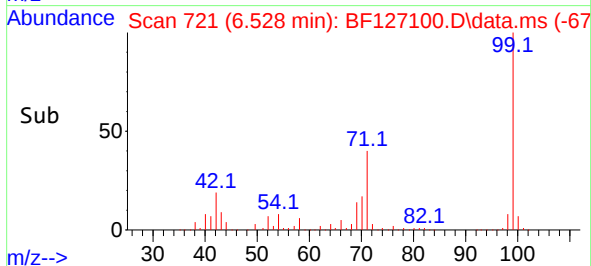
Instrument :
BNA_F
ClientSampleId :
TP-3-1-8FT



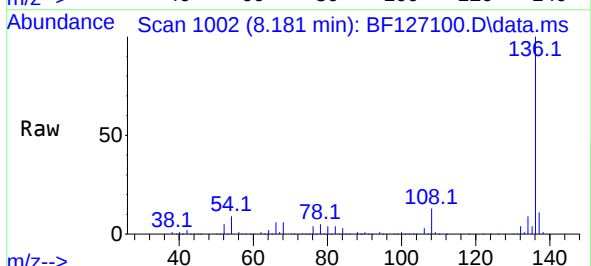
Tgt Ion: 99 Resp: 810010
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 39.9 24.3 36.5

Manual Integrations
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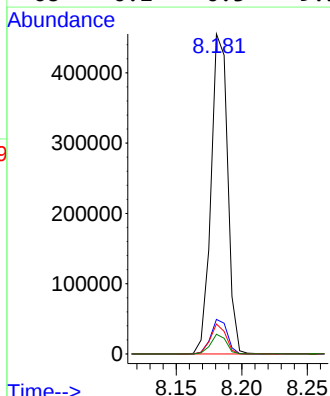
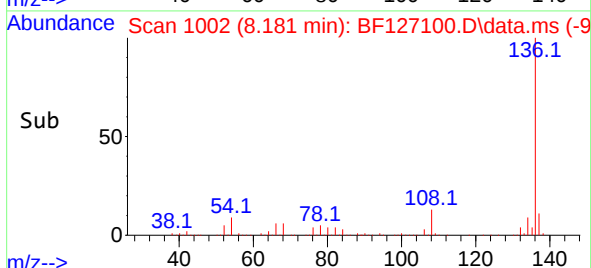
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22



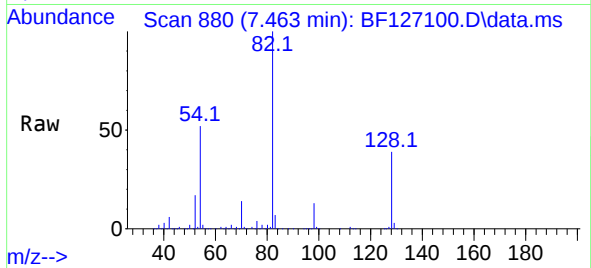
Tgt Ion:136 Resp: 402020
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 7.8 11.6
68 6.2 6.3 9.5





#23
Nitrobenzene-d5
Concen: 63.636 ng
RT: 7.463 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

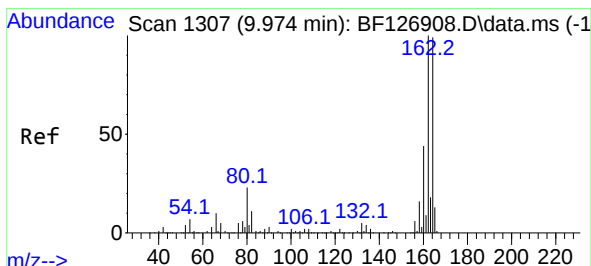
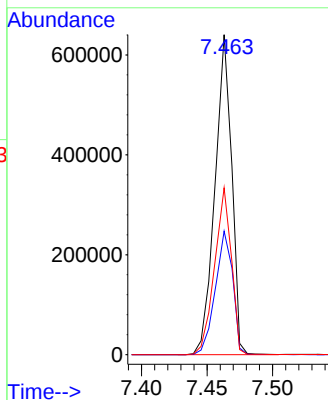
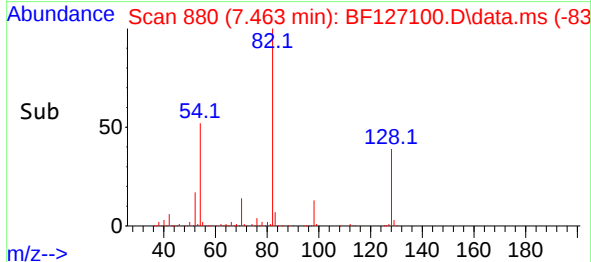
Instrument :
BNA_F
ClientSampleId :
TP-3-1-8FT



Tgt Ion: 82 Resp: 566780
Ion Ratio Lower Upper
82 100
128 38.6 32.7 49.1
54 52.2 41.7 62.5

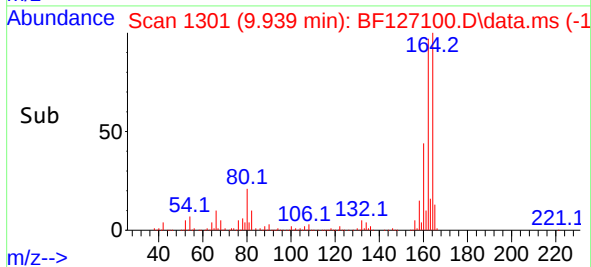
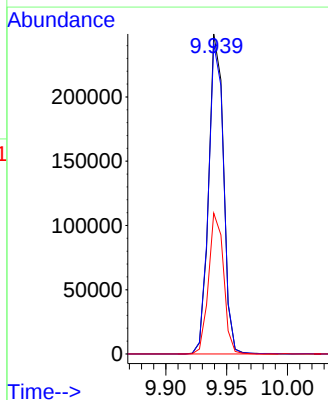
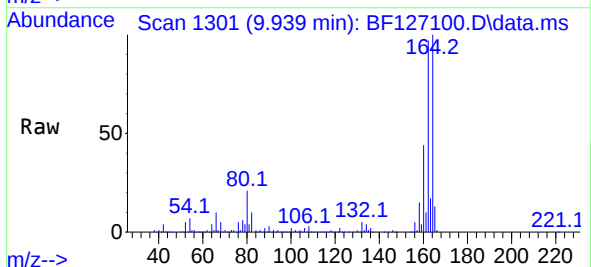
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

Tgt Ion:164 Resp: 210868
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 44.0 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 103.894 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

Instrument :

BNA_F

ClientSampleId :

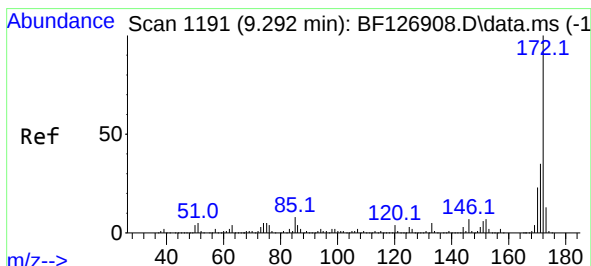
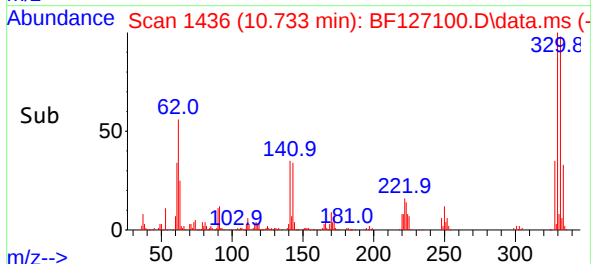
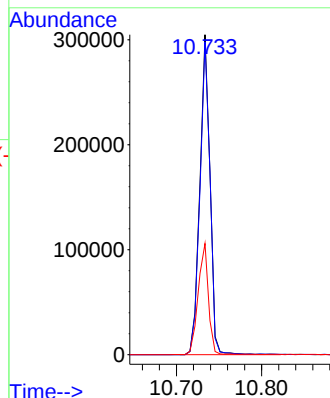
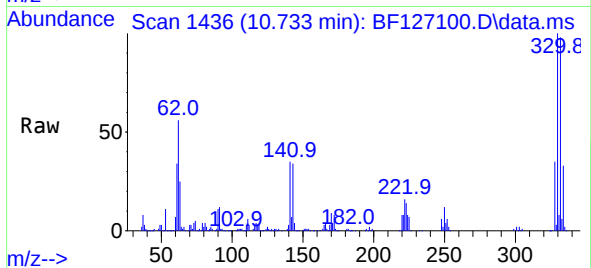
TP-3-1-8FT

Tgt Ion:330 Resp: 252239
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 35.5 30.1 45.1

Manual Integrations

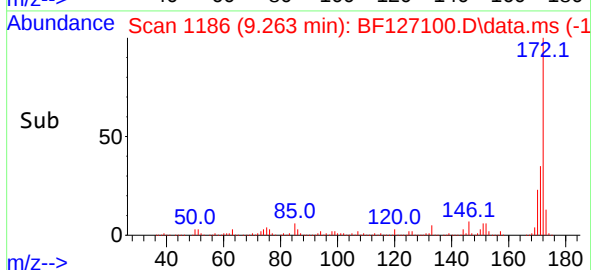
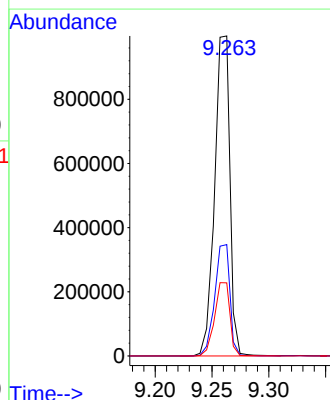
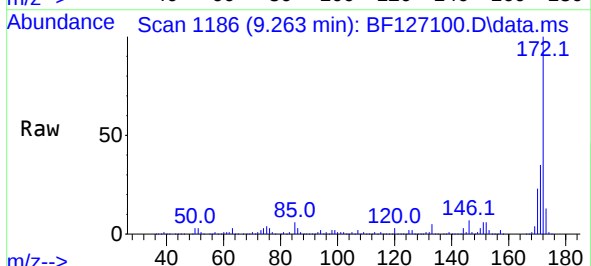
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#45
2-Fluorobiphenyl
Concen: 65.191 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

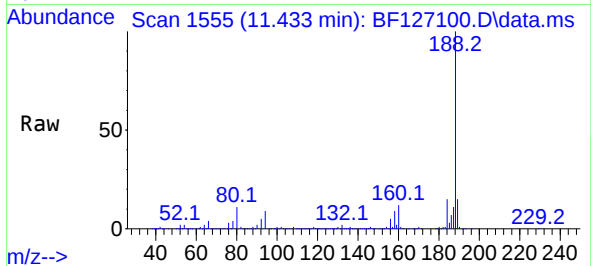
Tgt Ion:172 Resp: 933781
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

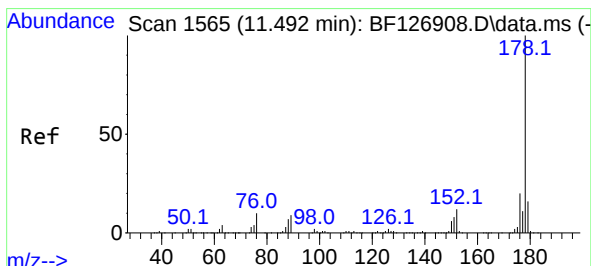
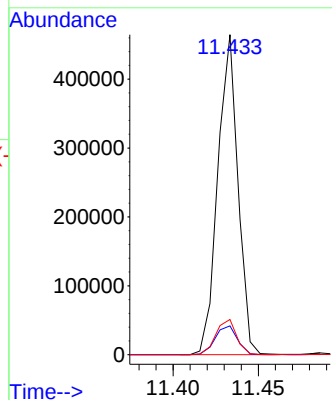
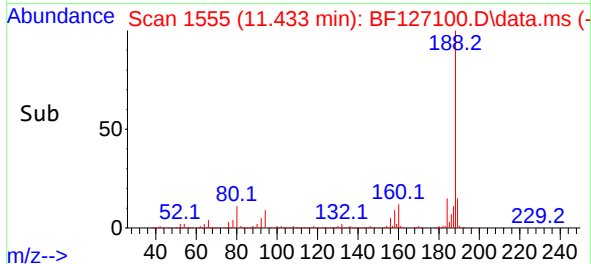
Instrument :
BNA_F
ClientSampleId :
TP-3-1-8FT



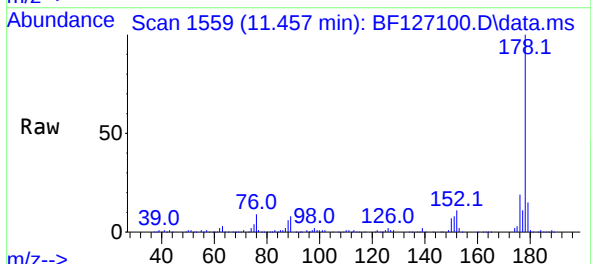
Tgt Ion:188 Resp: 383009
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1
80 11.0 11.8 17.6

Manual Integrations
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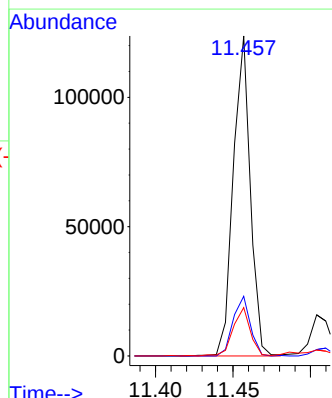
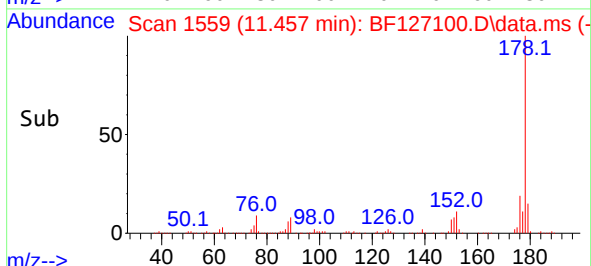
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

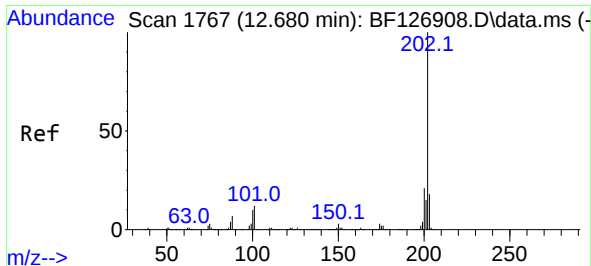


#71
Phenanthrene
Concen: 4.408 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22



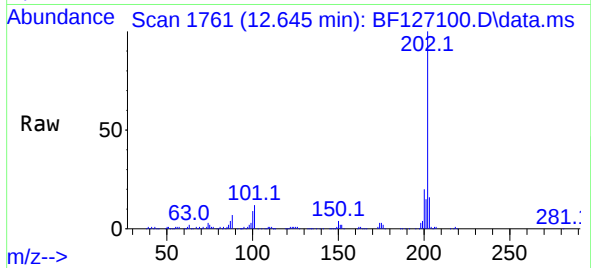
Tgt Ion:178 Resp: 94507
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.1 12.3 18.5





#75
Fluoranthene
Concen: 4.706 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

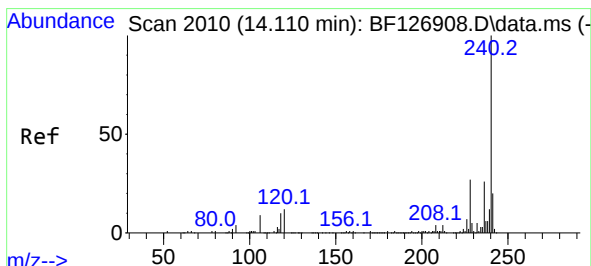
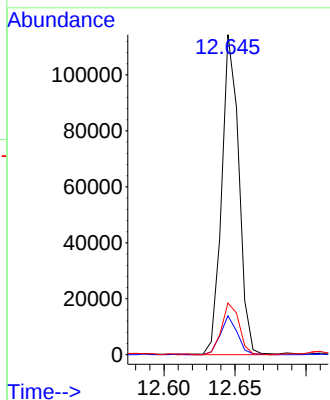
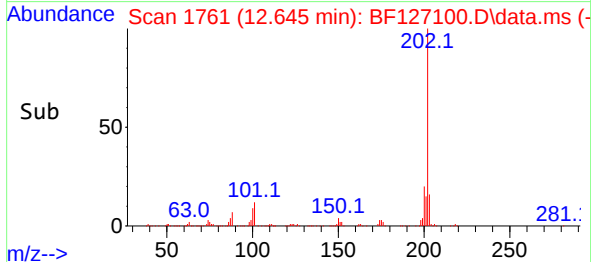
Instrument :
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ClientSampleId :
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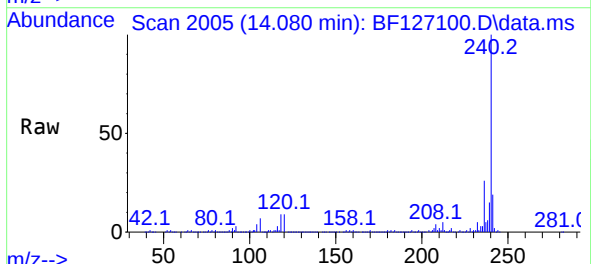
Tgt Ion:202 Resp: 9579
Ion Ratio Lower Upper
202 100
101 12.1 0.0 35.7
203 16.2 0.0 37.1

Manual Integrations
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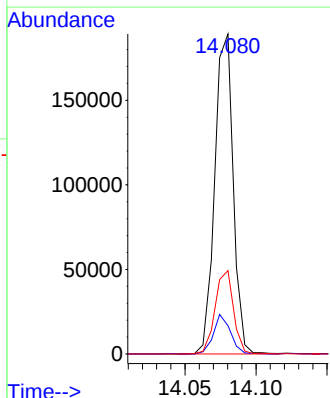
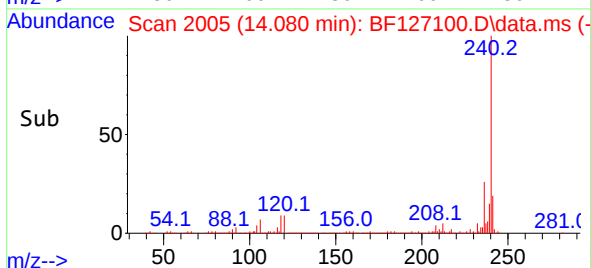
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

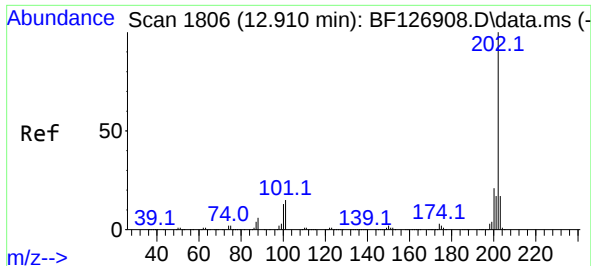


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22



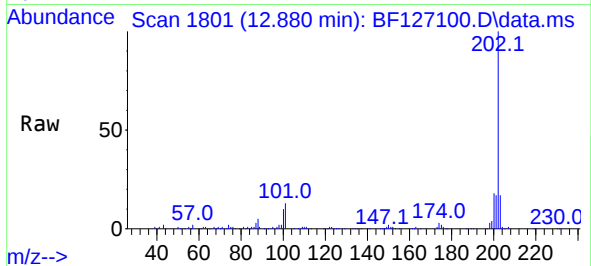
Tgt Ion:240 Resp: 170897
Ion Ratio Lower Upper
240 100
120 8.9 14.4 21.6#
236 26.0 20.5 30.7





#78
Pyrene
Concen: 5.740 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

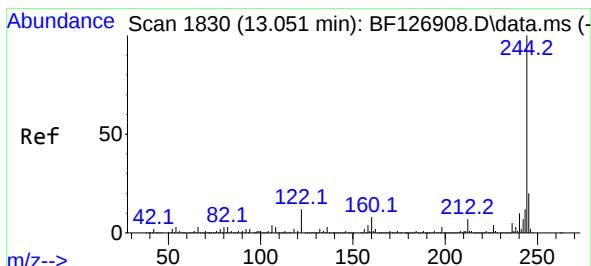
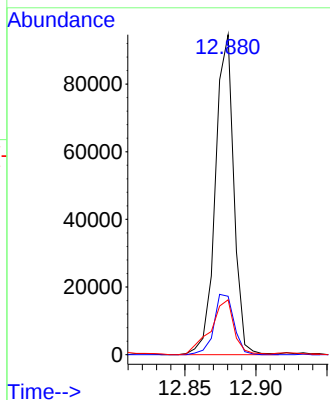
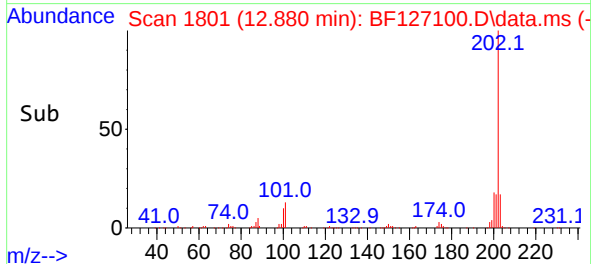
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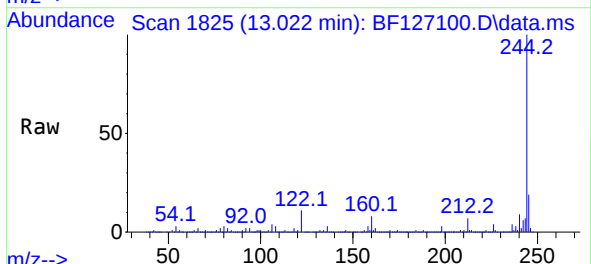
Tgt Ion:202 Resp: 85227
Ion Ratio Lower Upper
202 100
200 18.3 16.6 24.8
203 17.2 13.8 20.8

Manual Integrations
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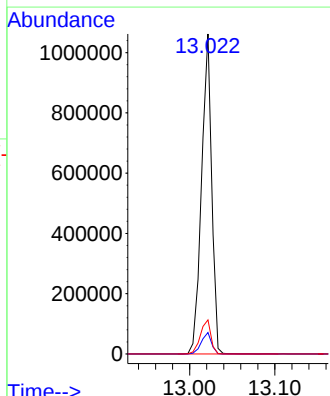
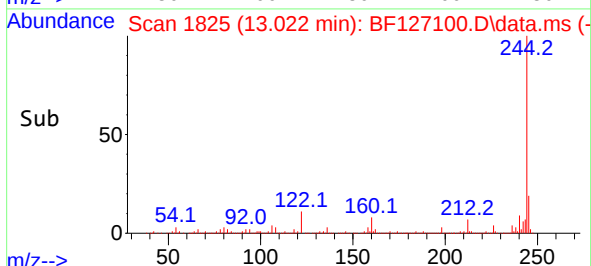
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

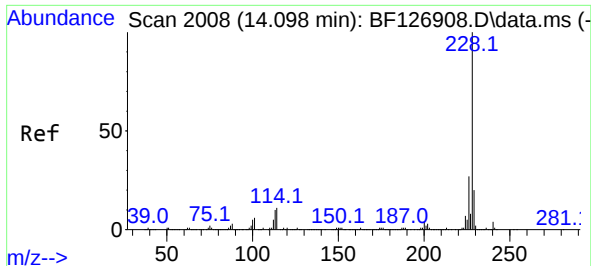


#79
Terphenyl-d14
Concen: 75.537 ng
RT: 13.022 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22



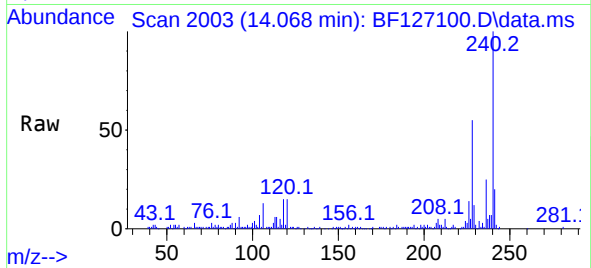
Tgt Ion:244 Resp: 878139
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 10.7 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.436 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

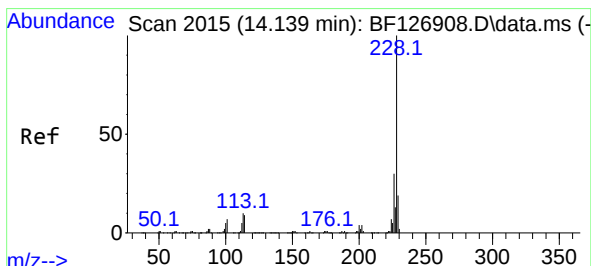
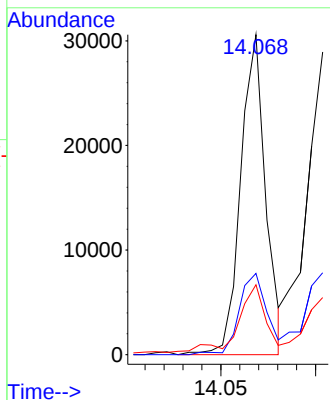
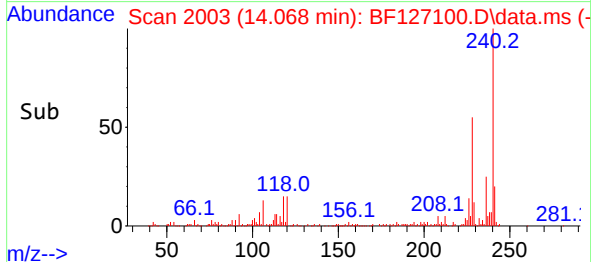
Instrument :
BNA_F
ClientSampleId :
TP-3-1-8FT



Tgt Ion:228 Resp: 28064
Ion Ratio Lower Upper
228 100
226 25.4 21.4 32.0
229 21.8 15.4 23.2

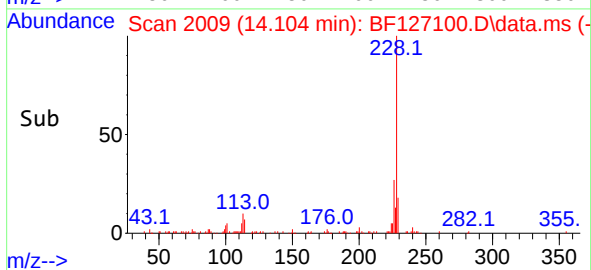
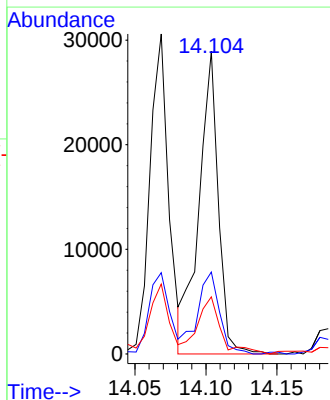
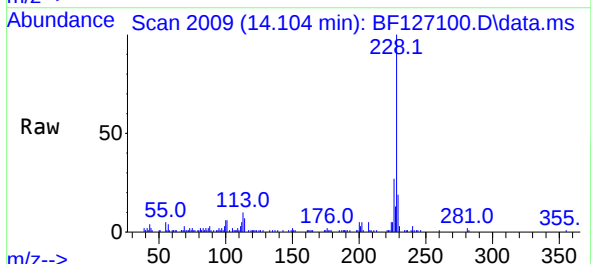
Manual Integrations
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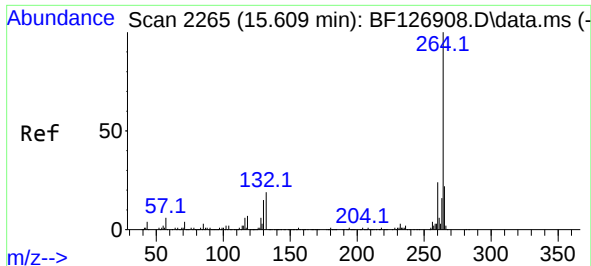
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#83
Chrysene
Concen: 2.547 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

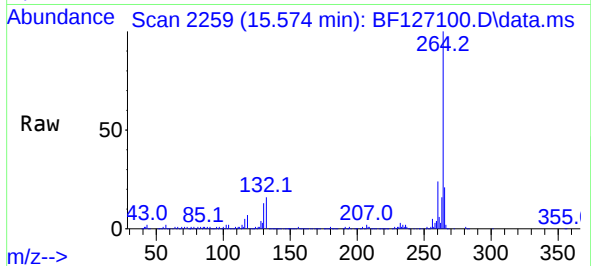
Tgt Ion:228 Resp: 27596
Ion Ratio Lower Upper
228 100
226 27.1 23.7 35.5
229 18.9 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

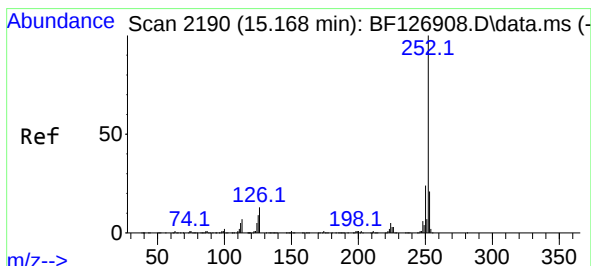
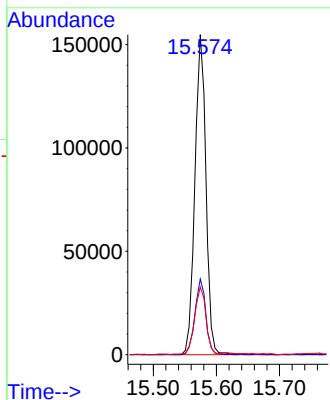
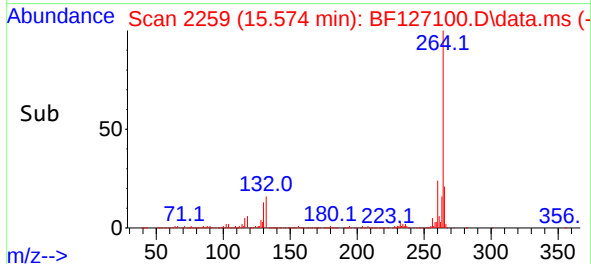
Instrument :
BNA_F
ClientSampleId :
TP-3-1-8FT



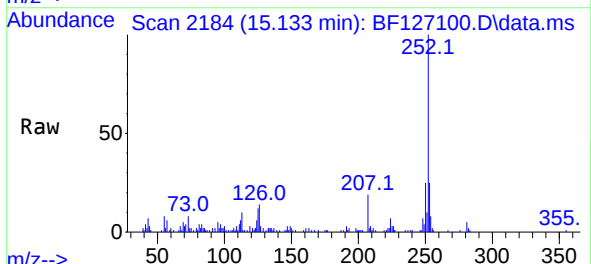
Tgt Ion:264 Resp: 187920
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 17.4 26.2

Manual Integrations
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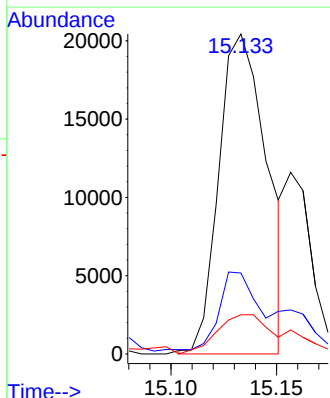
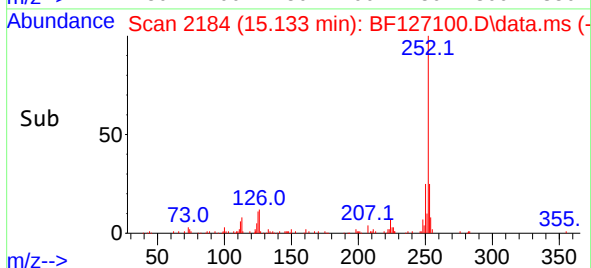
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

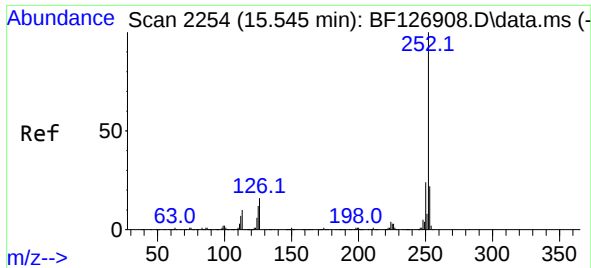


#88
Benzo(b)fluoranthene
Concen: 2.557 ng m
RT: 15.133 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22



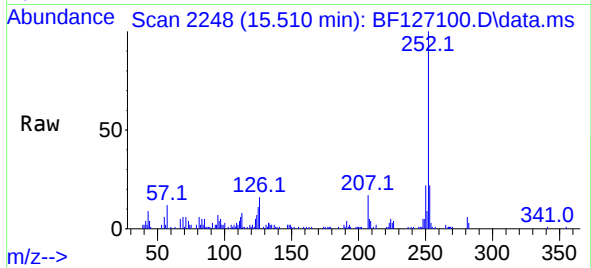
Tgt Ion:252 Resp: 32270
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 12.2 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 2.232 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127100.D
Acq: 28 Feb 2022 15:22

Instrument :
BNA_F
ClientSampleId :
TP-3-1-8FT



Tgt Ion:252 Resp: 22000
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.7 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

