

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127271.D
 Acq On : 08 Mar 2022 21:24
 Operator : CG\JU
 Sample : N1762-01DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 282DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2022
 Supervised By : Jagrut Upadhyay 03/09/2022

Quant Time: Mar 09 01:20:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	103336	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	393688	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	177584	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	269730	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	170348	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	136200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	58384	8.732	ng	0.00
7) Phenol-d6	6.510	99	77063	8.542	ng	0.00
23) Nitrobenzene-d5	7.439	82	48182	5.524	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	13974	6.834	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	71018	5.887	ng	0.00
79) Terphenyl-d14	12.998	244	63454	5.476	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.192	128	1535209	74.702	ng	99
37) 2-Methylnaphthalene	8.880	142	772512	57.930	ng	97
38) 1-Methylnaphthalene	8.980	142	406862	31.861	ng	100
46) 1,1'-Biphenyl	9.339	154	249564	17.738	ng	99
52) Acenaphthene	9.963	154	909713	82.536	ng	97
55) Dibenzofuran	10.133	168	886287	58.478	ng	92
58) Fluorene	10.480	166	830481	70.346	ng	98
71) Phenanthrene	11.457	178	2890970	191.489	ng	98
72) Anthracene	11.498	178	241705	16.082	ng	99
73) Carbazole	11.651	167	111463	8.087	ng	98
75) Fluoranthene	12.645	202	1434611	100.078	ng	93
78) Pyrene	12.868	202	999578	67.541	ng	99
81) Benzo(a)anthracene	14.051	228	188335	16.399	ng	98
83) Chrysene	14.092	228	170437	15.782	ng	98
88) Benzo(b)fluoranthene	15.115	252	91885m	10.045	ng	
89) Benzo(k)fluoranthene	15.145	252	34966m	3.963	ng	
90) Benzo(a)pyrene	15.492	252	43600	6.102	ng	97

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

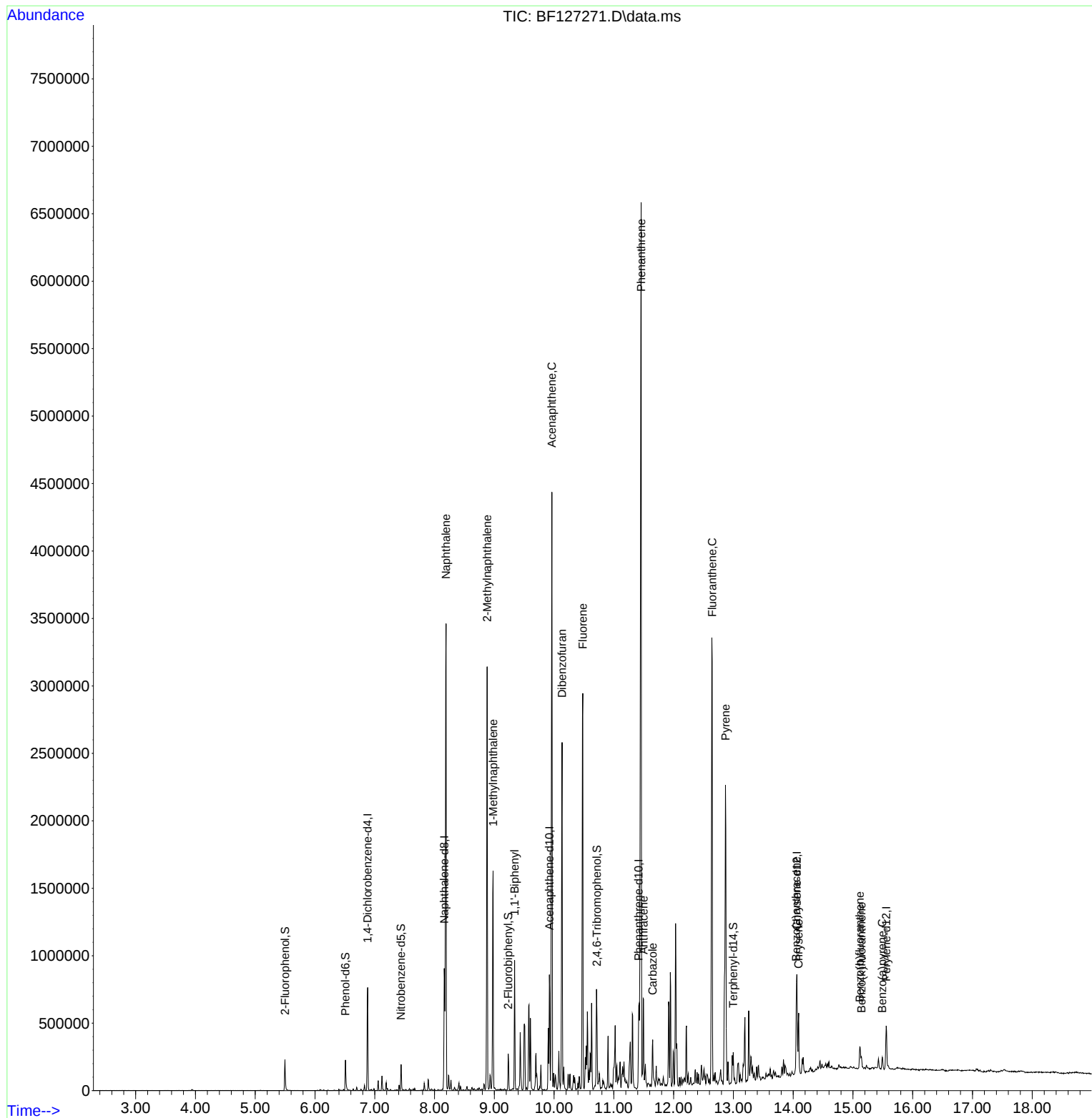
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
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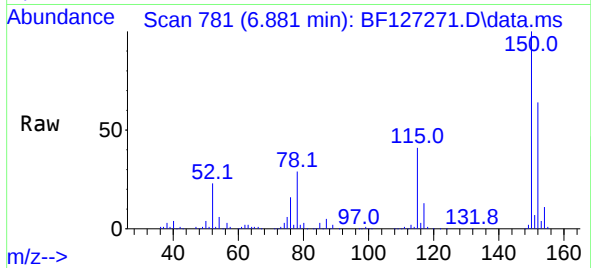
Quant Time: Mar 09 01:20:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

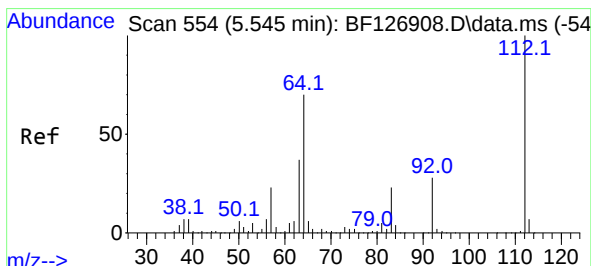
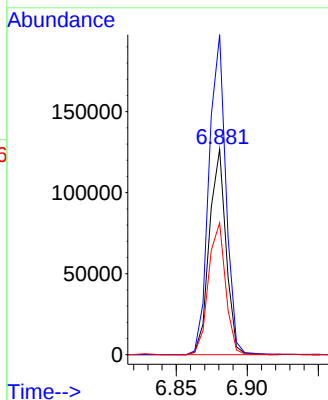
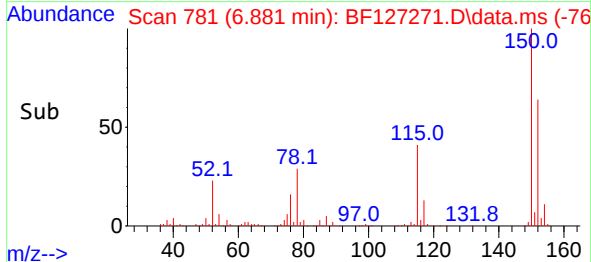
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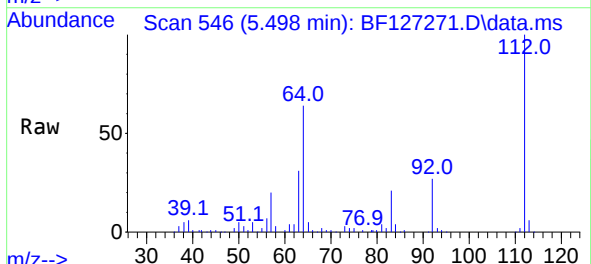
Tgt Ion:152 Resp: 103330
Ion Ratio Lower Upper
152 100
150 155.7 128.1 192.1
115 64.1 56.7 85.1

Manual Integrations
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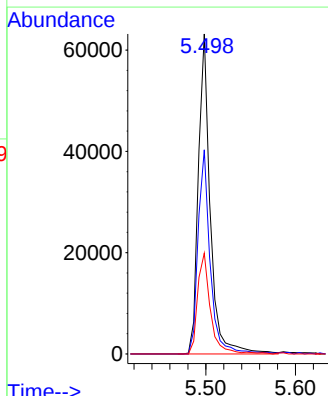
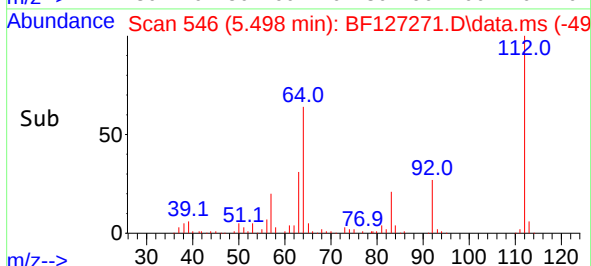
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

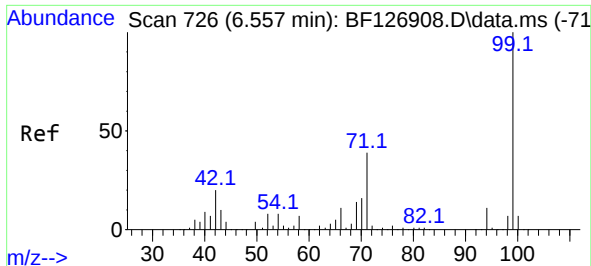


#5
2-Fluorophenol
Concen: 8.732 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



Tgt Ion:112 Resp: 58384
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 31.5 23.9 35.9





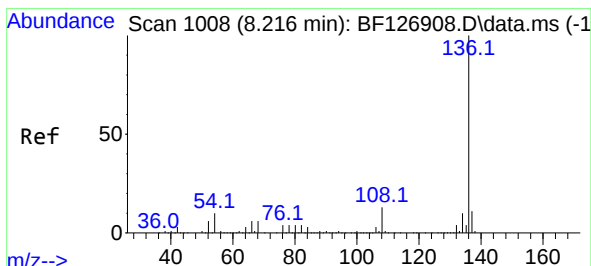
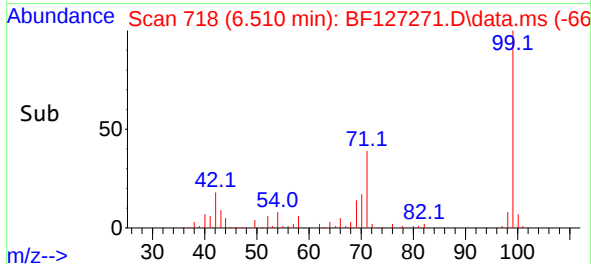
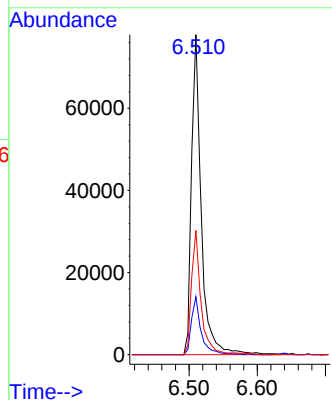
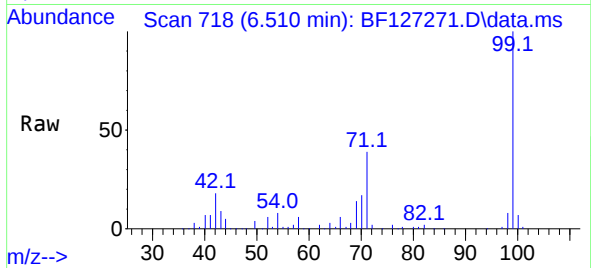
#7
Phenol-d6
Concen: 8.542 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

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ClientSampleId :
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Tgt Ion: 99 Resp: 7706
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 38.8 24.3 36.5

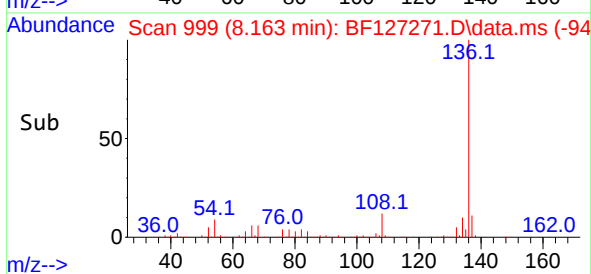
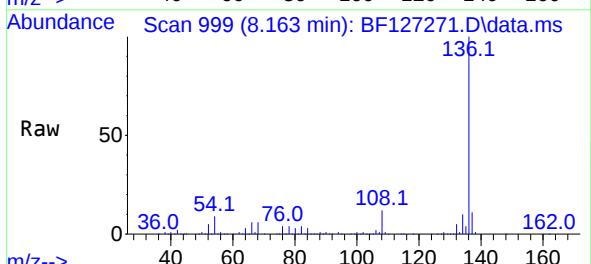
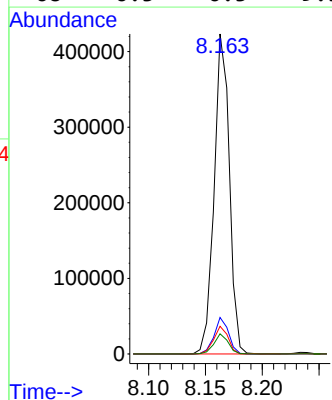
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

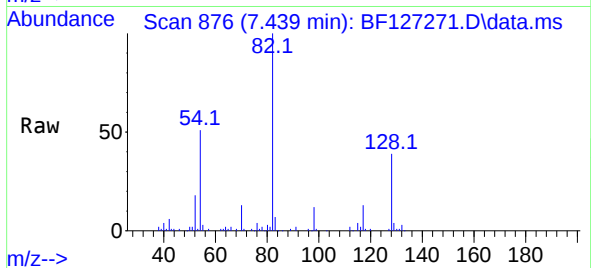
Tgt Ion:136 Resp: 393688
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.6 7.8 11.6
68 6.3 6.3 9.5





#23
Nitrobenzene-d5
Concen: 5.524 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

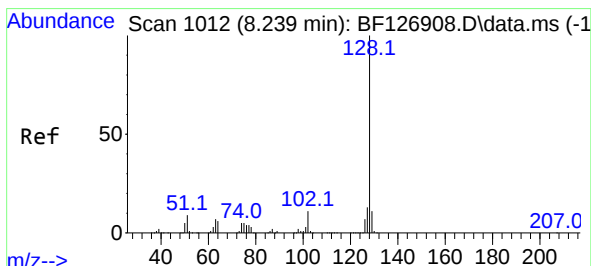
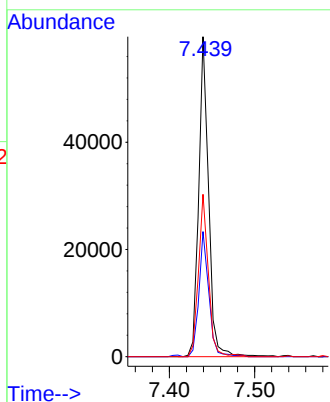
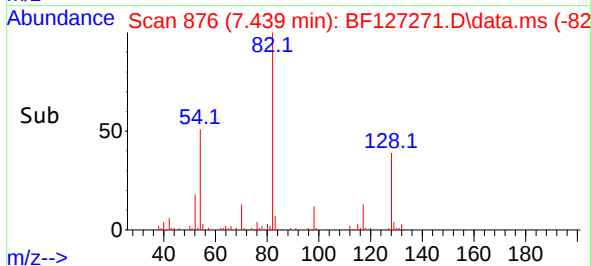
Instrument :
BNA_F
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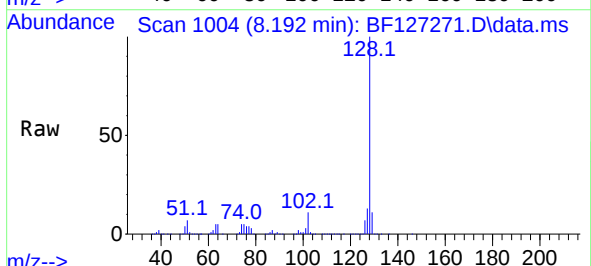
Tgt Ion: 82 Resp: 4818
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 50.7 41.7 62.5

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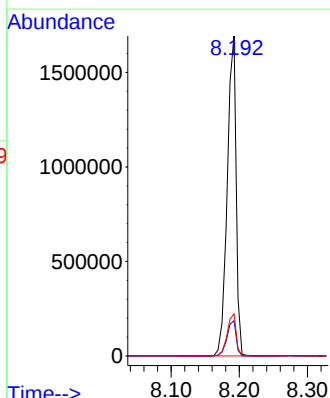
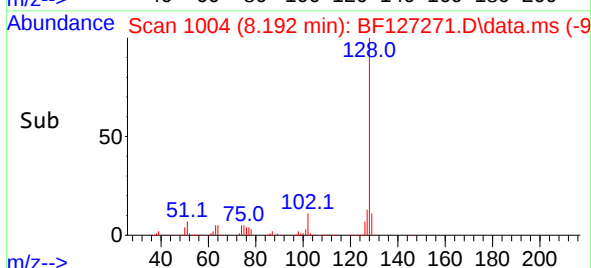
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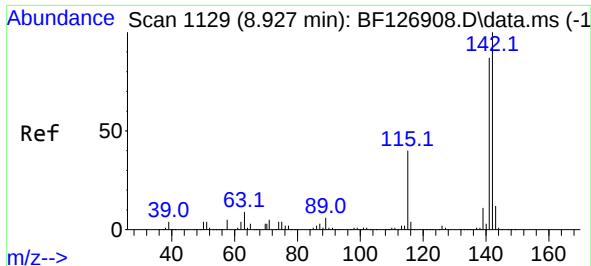


#31
Naphthalene
Concen: 74.702 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



Tgt Ion:128 Resp: 1535209
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5





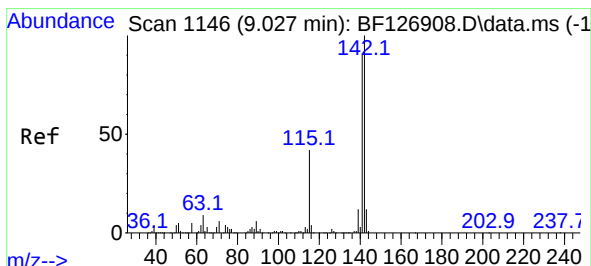
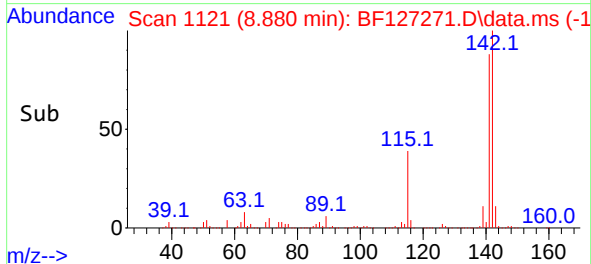
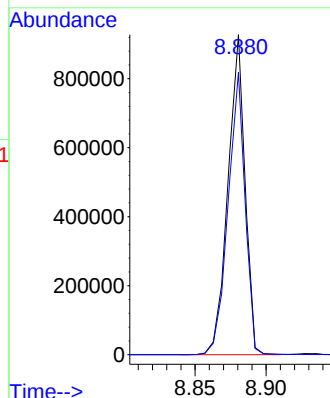
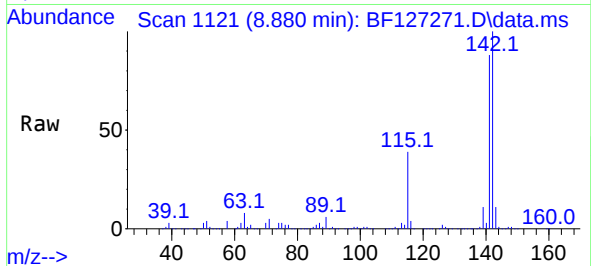
#37
2-Methylnaphthalene
Concen: 57.930 ng
RT: 8.880 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

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BNA_F
ClientSampleId :
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Tgt Ion:142 Resp: 772512
Ion Ratio Lower Upper
142 100
141 88.3 68.6 102.8

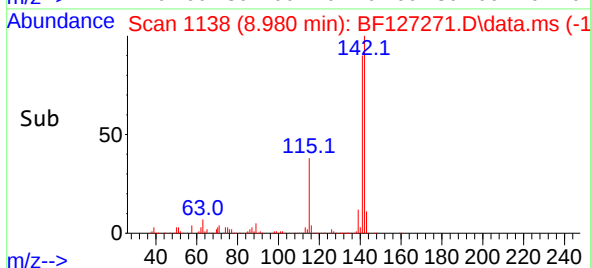
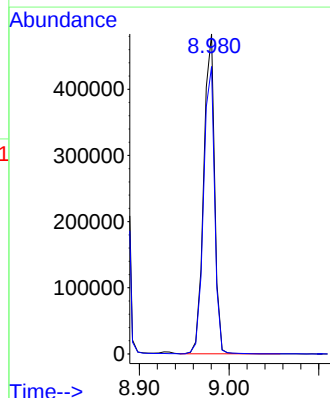
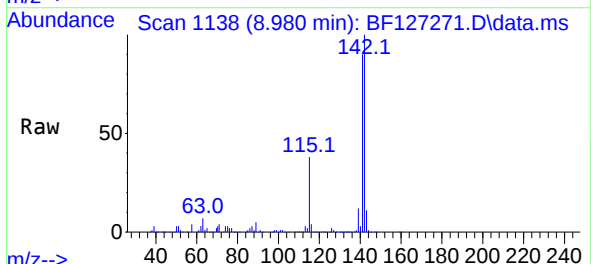
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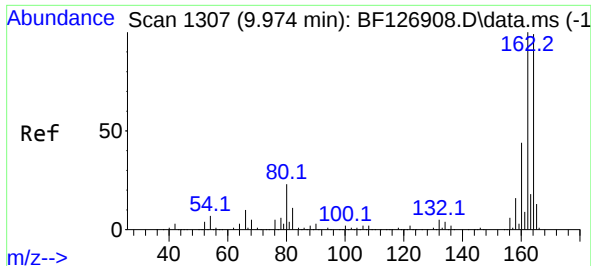
Reviewed By :Christian Giraldo 03/09/2022
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#38
1-Methylnaphthalene
Concen: 31.861 ng
RT: 8.980 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

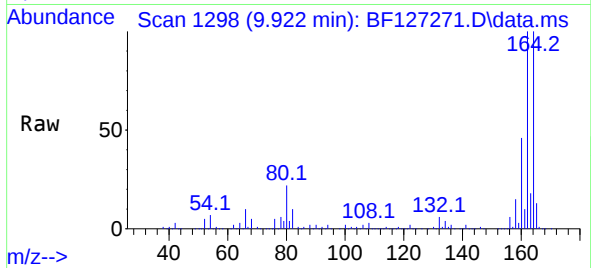
Tgt Ion:142 Resp: 406862
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

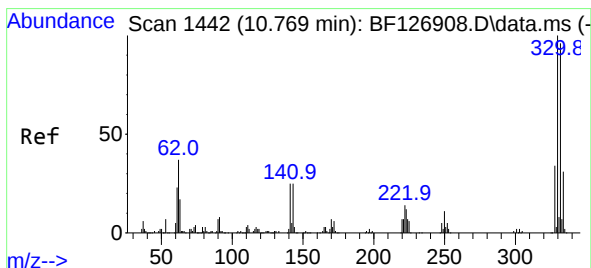
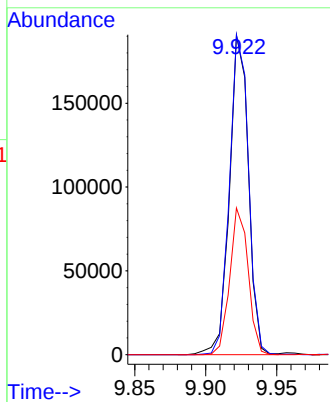
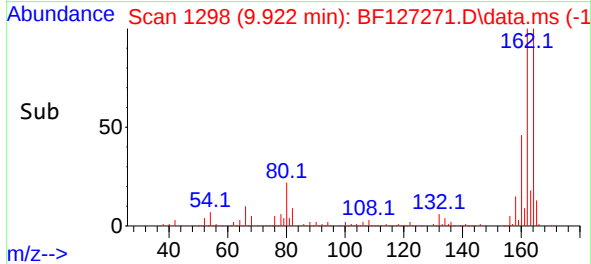
Instrument :
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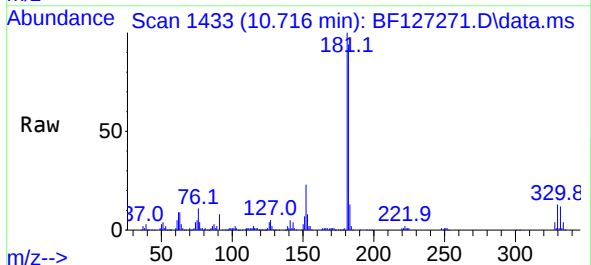
Tgt Ion:164 Resp: 177584
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 46.0 36.6 54.8

Manual Integrations
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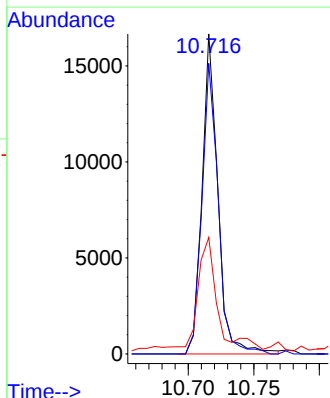
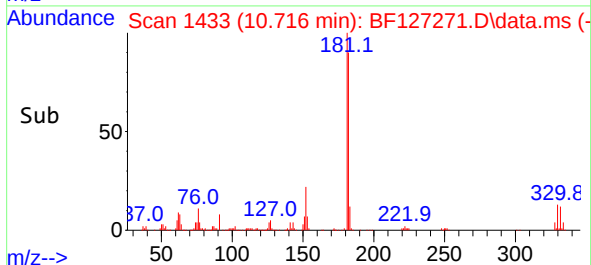
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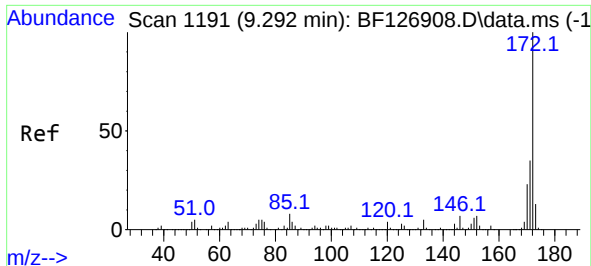


#42
2,4,6-Tribromophenol
Concen: 6.834 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



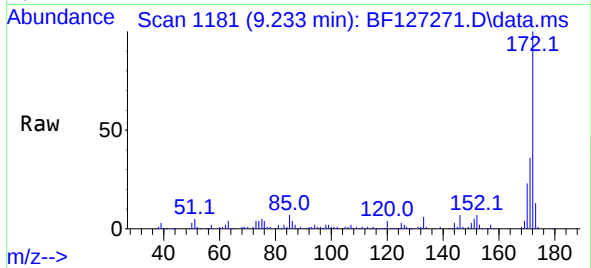
Tgt Ion:330 Resp: 13974
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 47.6 30.1 45.1#





#45
2-Fluorobiphenyl
Concen: 5.887 ng
RT: 9.233 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

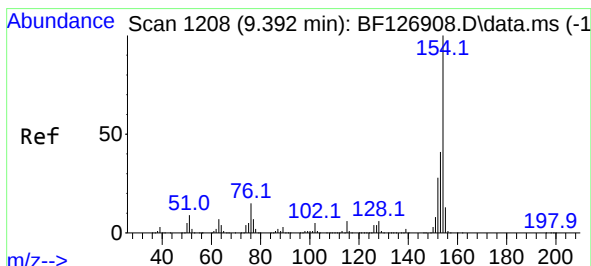
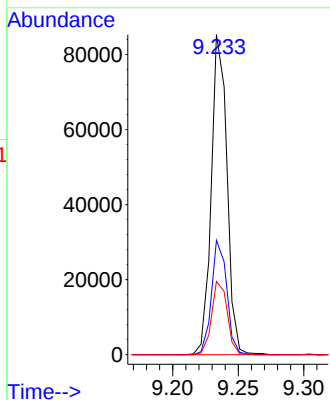
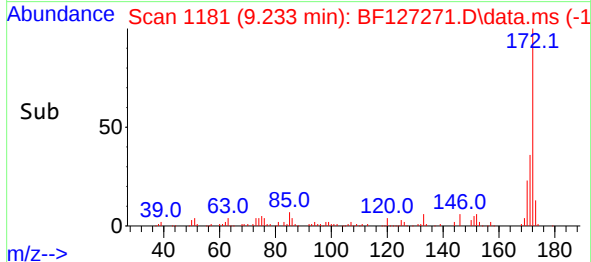
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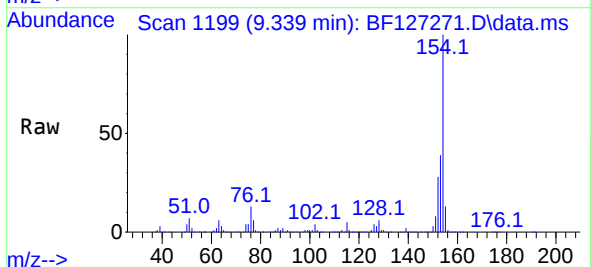
Tgt Ion:172 Resp: 71018
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 22.9 19.0 28.6

Manual Integrations
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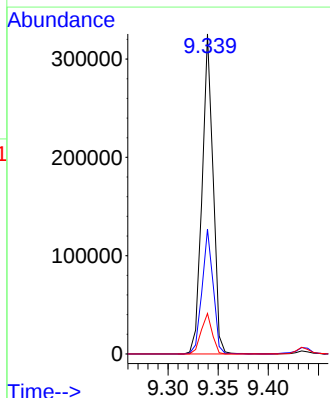
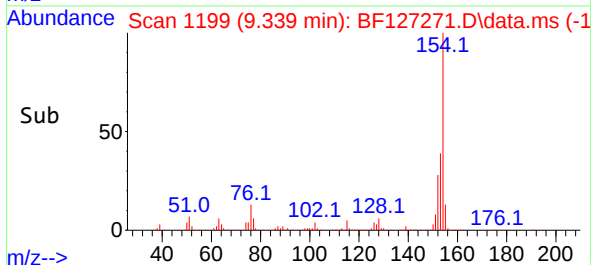
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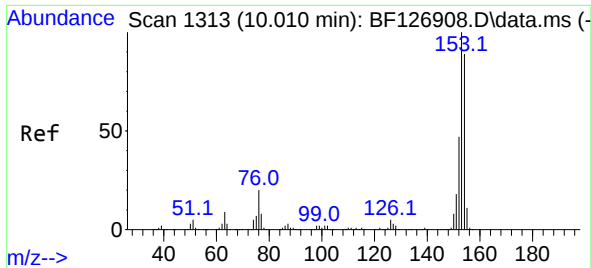


#46
1,1'-Biphenyl
Concen: 17.738 ng
RT: 9.339 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



Tgt Ion:154 Resp: 249564
Ion Ratio Lower Upper
154 100
153 39.0 19.0 59.0
76 12.7 0.0 34.5





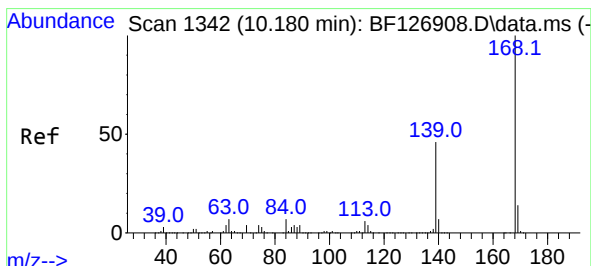
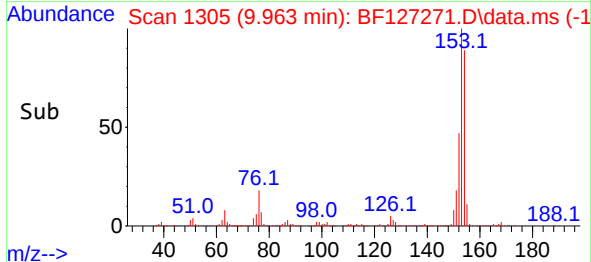
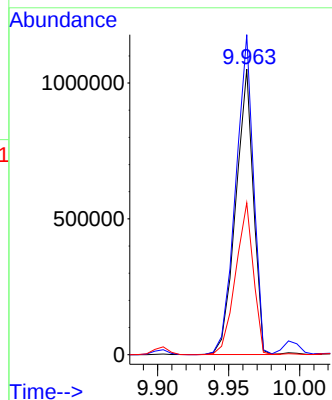
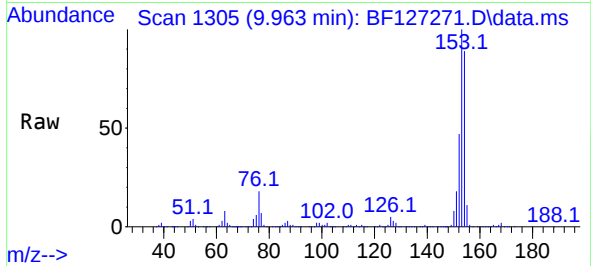
#52
Acenaphthene
Concen: 82.536 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

Instrument :
BNA_F
ClientSampleId :
282DL

Tgt Ion:154 Resp: 90971
Ion Ratio Lower Upper
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153 112.0 87.8 131.6
152 53.2 39.4 59.2

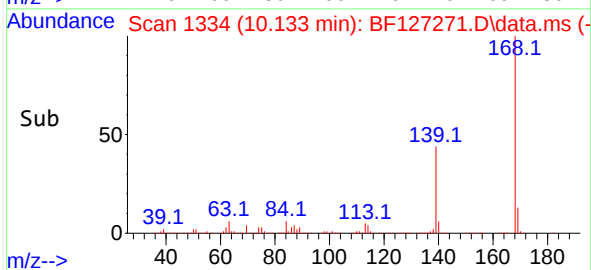
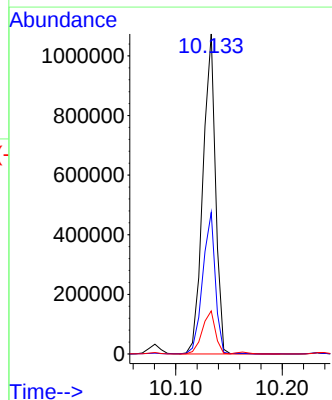
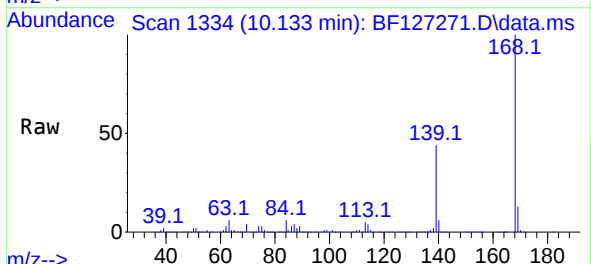
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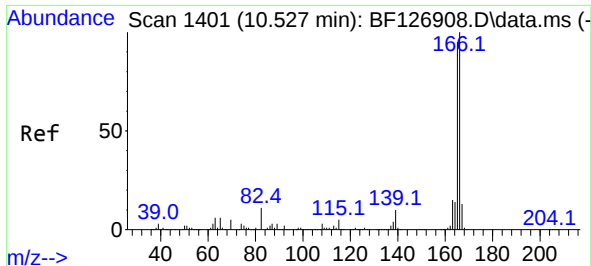
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#55
Dibenzofuran
Concen: 58.478 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

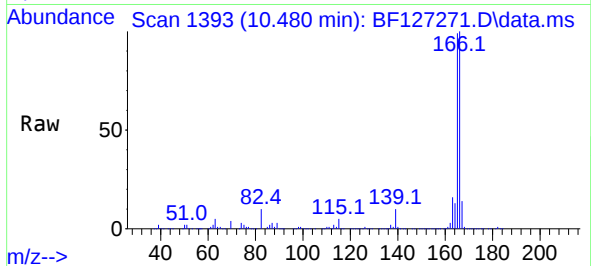
Tgt Ion:168 Resp: 886287
Ion Ratio Lower Upper
168 100
139 44.2 30.6 46.0
169 13.5 10.0 15.0





#58
Fluorene
Concen: 70.346 ng
RT: 10.480 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

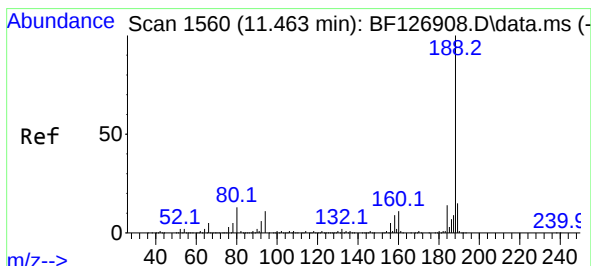
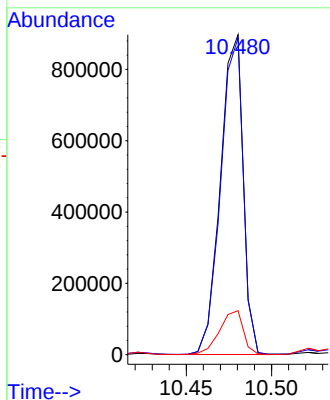
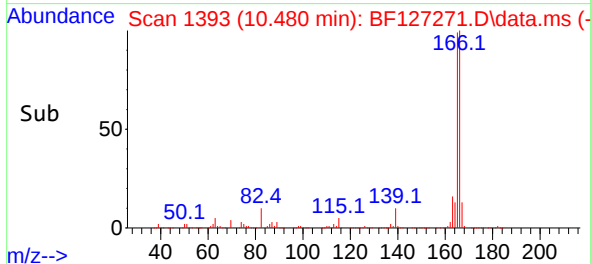
Instrument :
BNA_F
ClientSampleId :
282DL



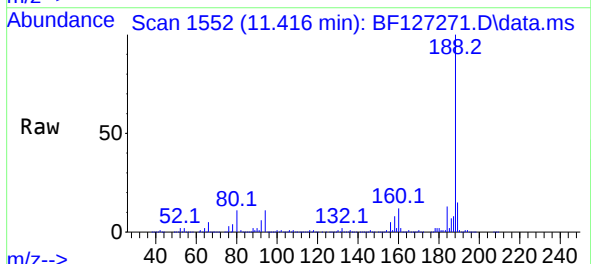
Tgt Ion:166 Resp: 83048
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 13.7 10.7 16.1

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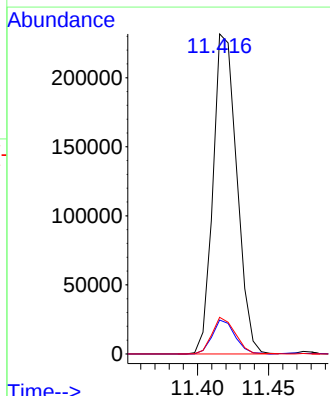
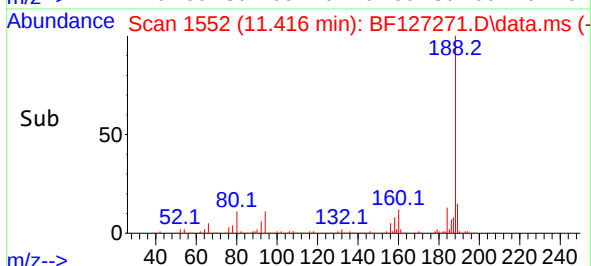
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

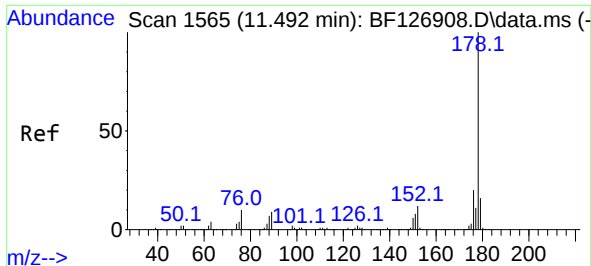


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



Tgt Ion:188 Resp: 269730
Ion Ratio Lower Upper
188 100
94 10.6 10.1 15.1
80 11.5 11.8 17.6#





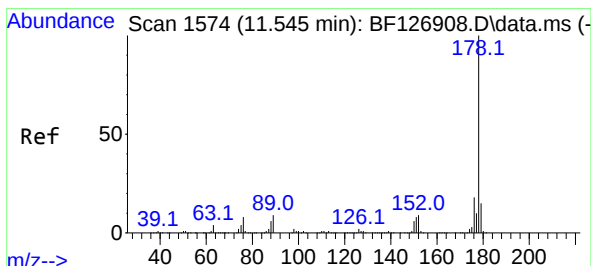
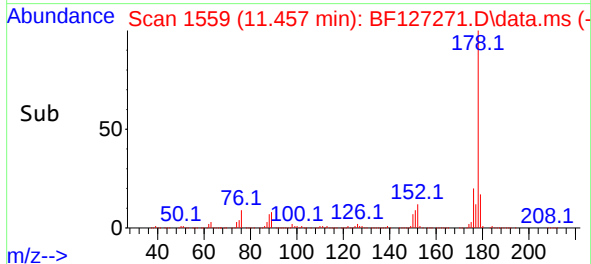
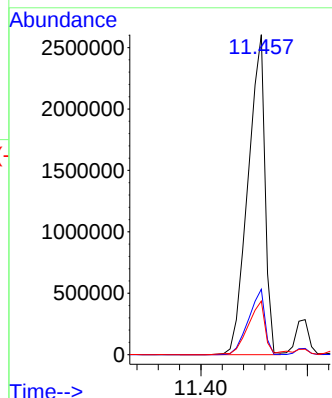
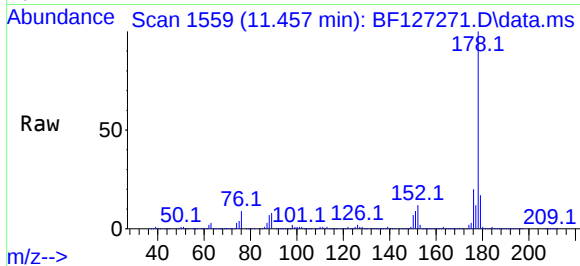
#71
Phenanthrene
Concen: 191.489 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

Instrument :
BNA_F
ClientSampleId :
282DL

Tgt Ion:178 Resp: 2890970
Ion Ratio Lower Upper
178 100
176 20.5 15.7 23.5
179 16.8 12.3 18.5

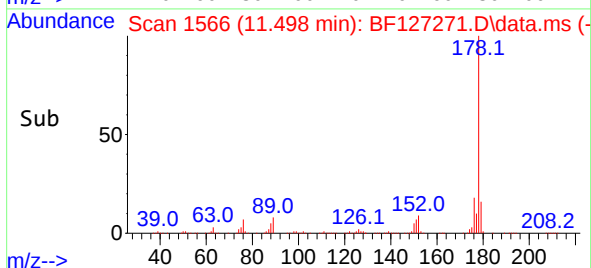
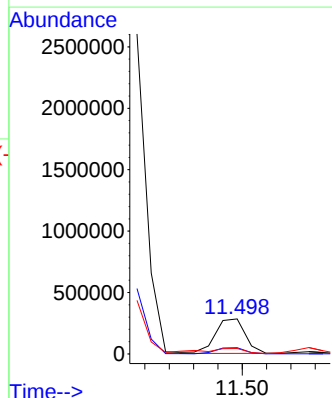
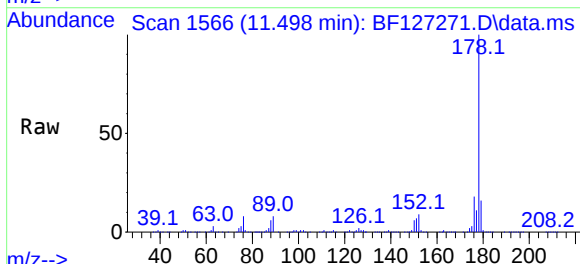
Manual Integrations
APPROVED

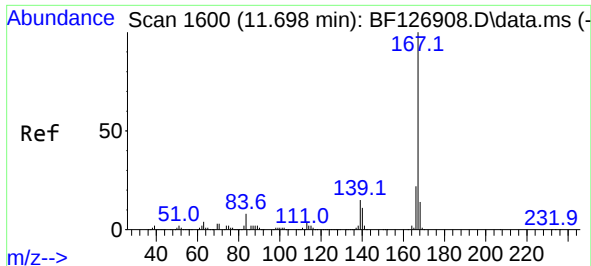
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#72
Anthracene
Concen: 16.082 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

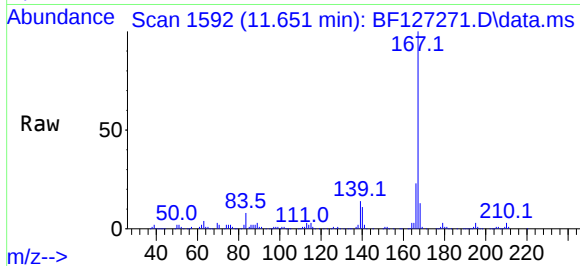
Tgt Ion:178 Resp: 241705
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 8.087 ng
 RT: 11.651 min Scan# 11146
 Delta R.T. -0.000 min
 Lab File: BF127271.D
 Acq: 08 Mar 2022 21:24

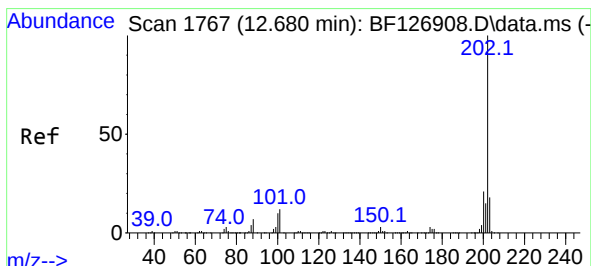
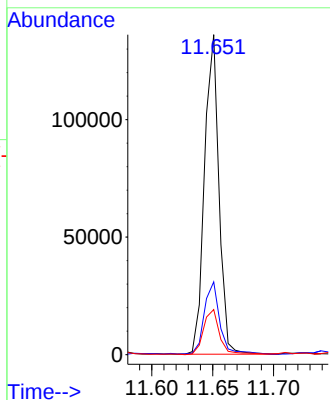
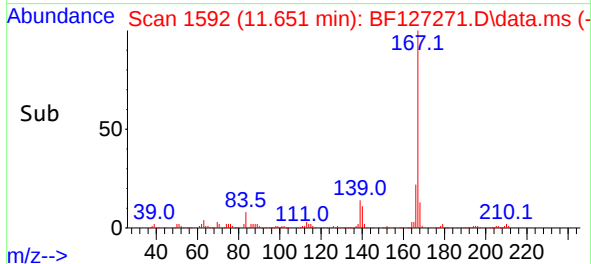
Instrument :
 BNA_F
 ClientSampleId :
 282DL



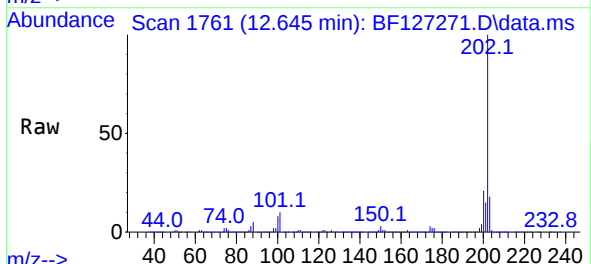
Tgt Ion:167 Resp: 11146
 Ion Ratio Lower Upper
 167 100
 166 22.7 16.9 25.3
 139 14.1 11.3 16.9

Manual Integrations
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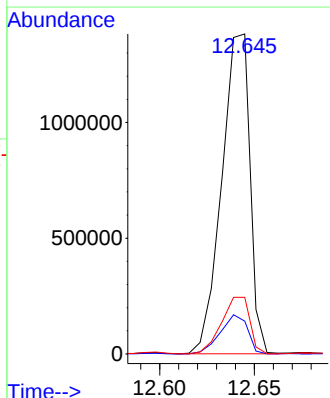
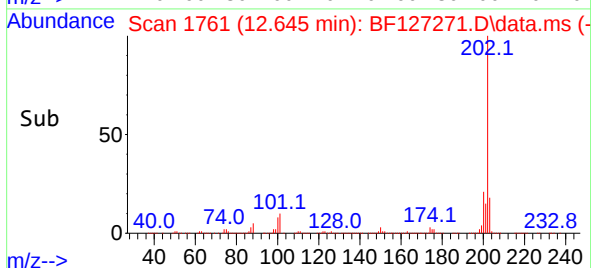
Reviewed By :Christian Giraldo 03/09/2022
 Supervised By :Jagrut Upadhyay 03/09/2022

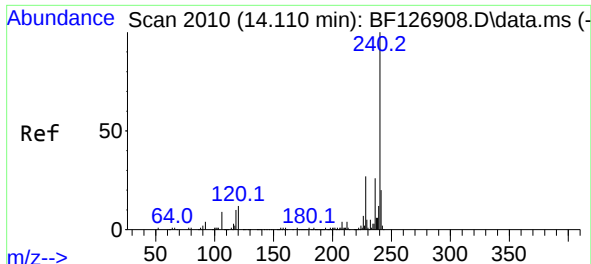


#75
 Fluoranthene
 Concen: 100.078 ng
 RT: 12.645 min Scan# 1761
 Delta R.T. 0.012 min
 Lab File: BF127271.D
 Acq: 08 Mar 2022 21:24



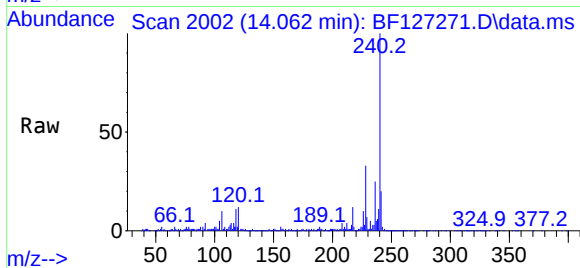
Tgt Ion:202 Resp: 1434611
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 35.7
 203 17.7 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

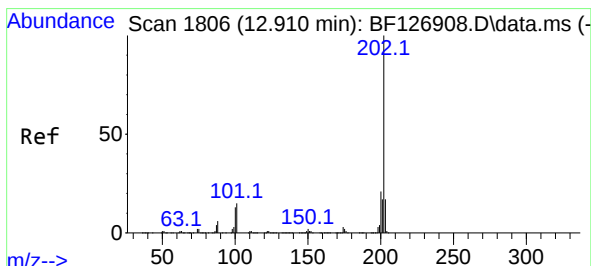
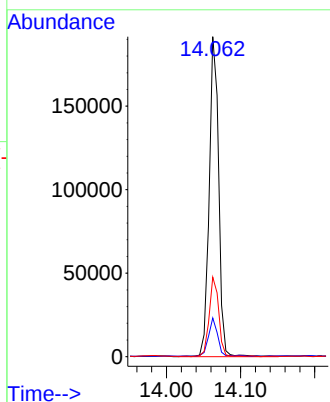
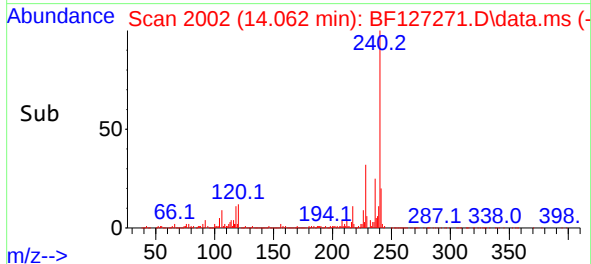
Instrument :
BNA_F
ClientSampleId :
282DL



Tgt Ion:240 Resp: 170348
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6
236 24.8 20.5 30.7

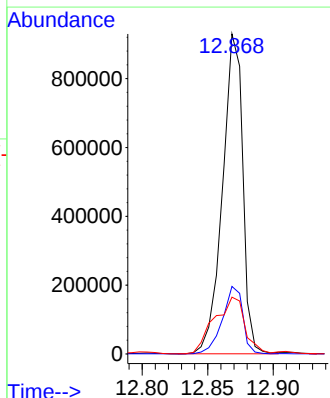
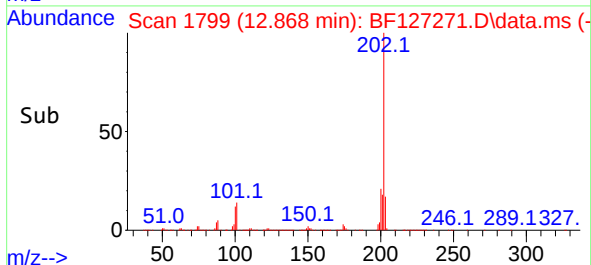
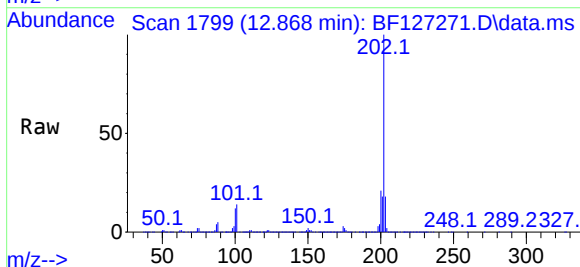
Manual Integrations
APPROVED

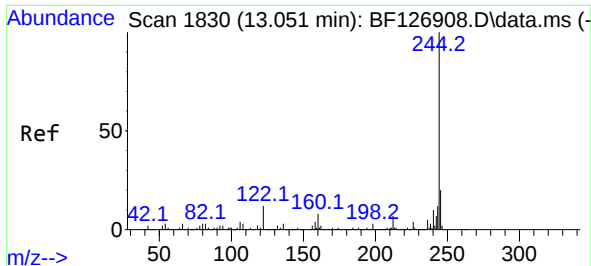
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#78
Pyrene
Concen: 67.541 ng
RT: 12.868 min Scan# 1799
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

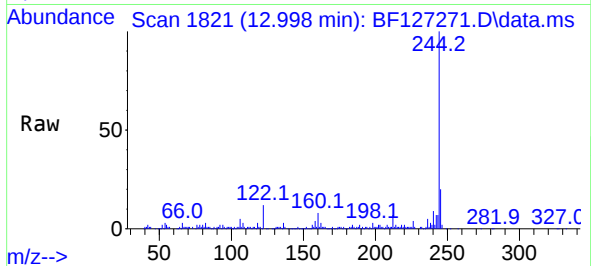
Tgt Ion:202 Resp: 999578
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.8 13.8 20.8





#79
Terphenyl-d14
Concen: 5.476 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

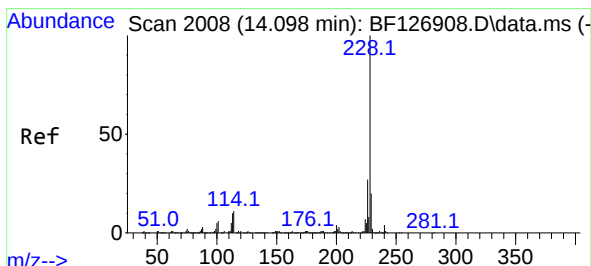
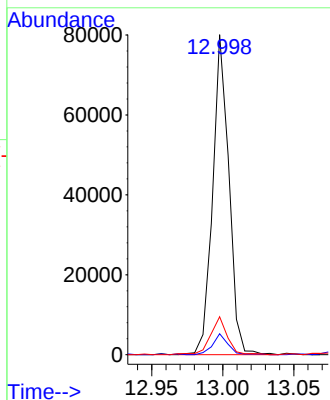
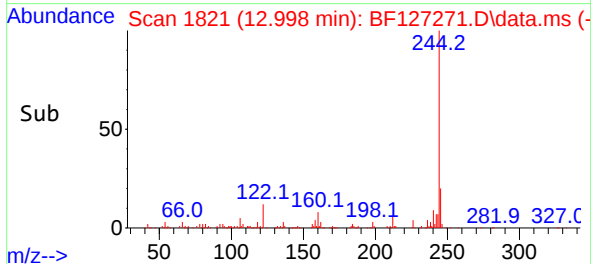
Instrument :
BNA_F
ClientSampleId :
282DL



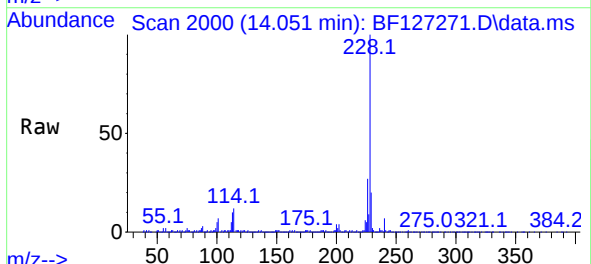
Tgt Ion:244 Resp: 63454
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 11.8 13.3 19.9

Manual Integrations
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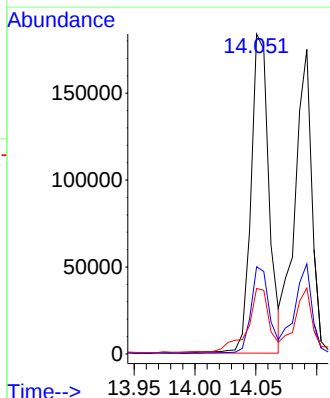
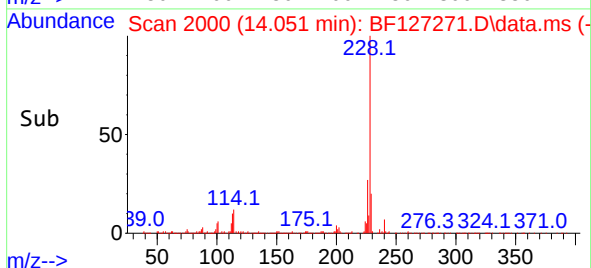
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

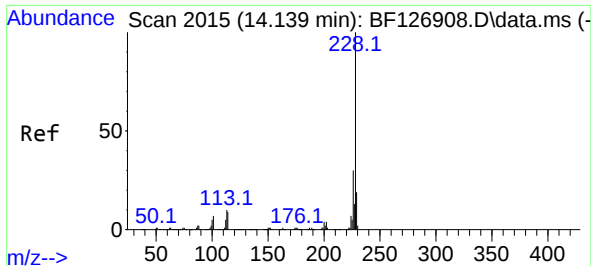


#81
Benzo(a)anthracene
Concen: 16.399 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



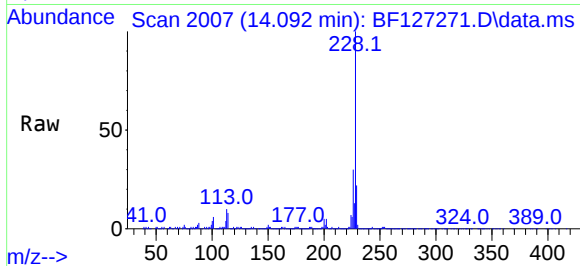
Tgt Ion:228 Resp: 188335
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 20.4 15.4 23.2





#83
Chrysene
Concen: 15.782 ng
RT: 14.092 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

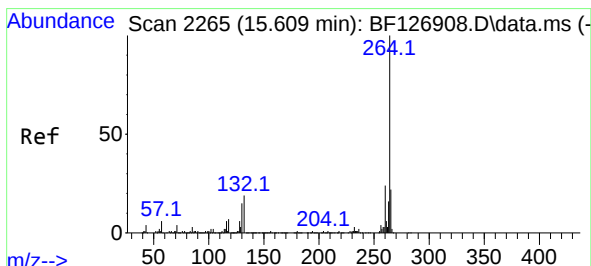
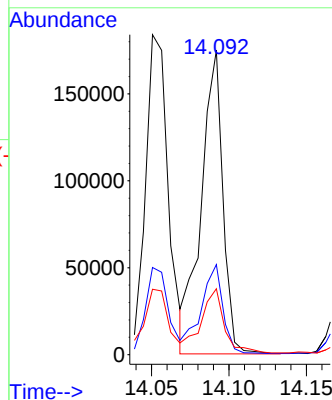
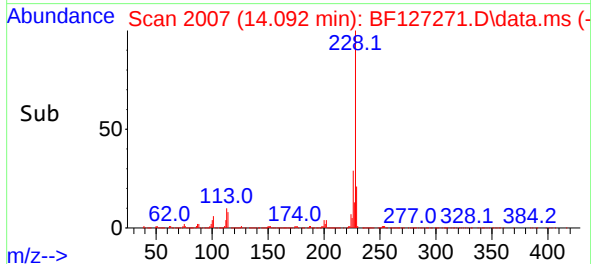
Instrument :
BNA_F
ClientSampleId :
282DL



Tgt Ion:228 Resp: 17043
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.6 15.5 23.3

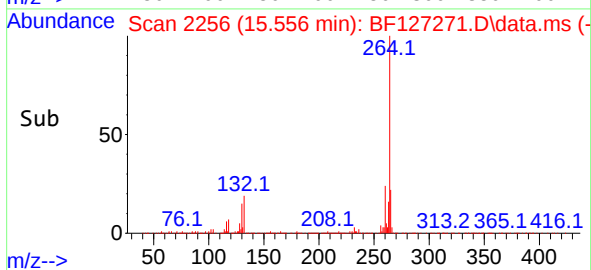
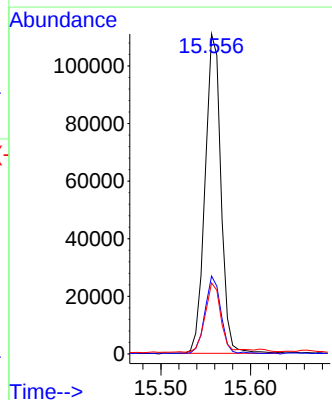
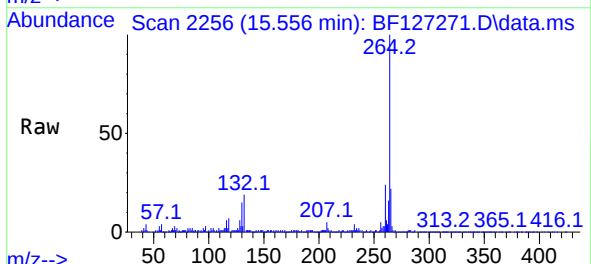
Manual Integrations
APPROVED

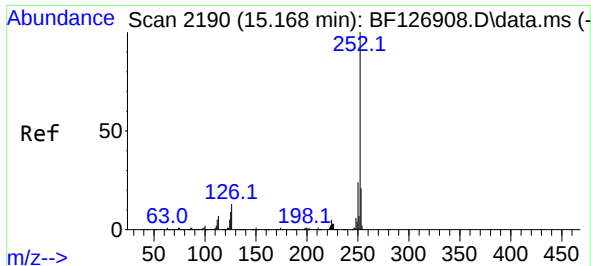
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

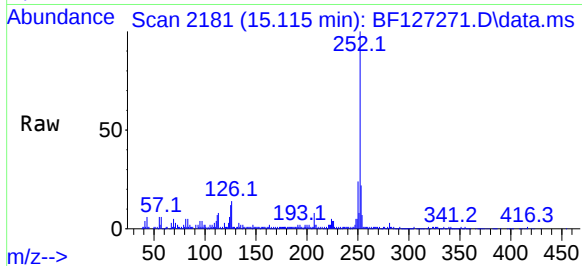
Tgt Ion:264 Resp: 136200
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.2 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 10.045 ng m
RT: 15.115 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

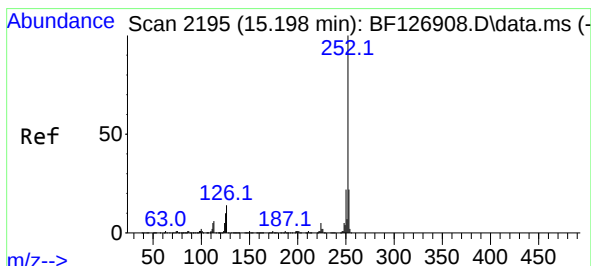
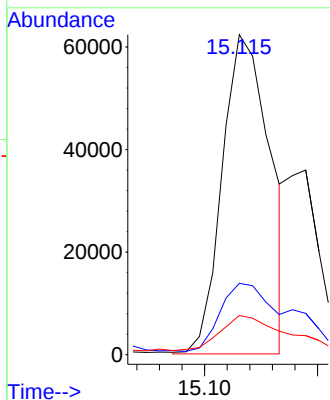
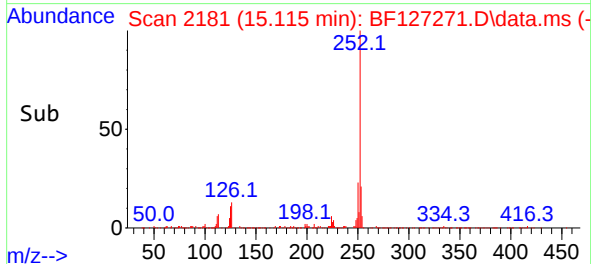
Instrument :
BNA_F
ClientSampleId :
282DL



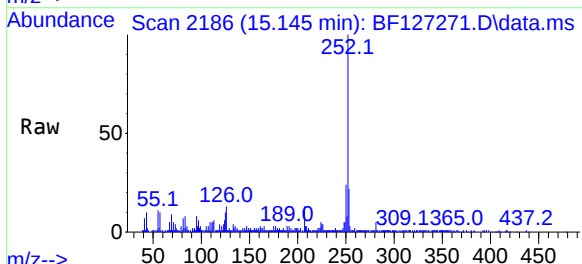
Tgt Ion:252 Resp: 9188
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.2 12.4 18.6

Manual Integrations
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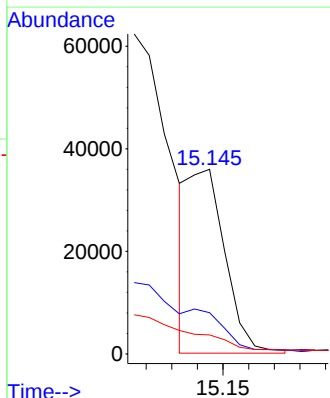
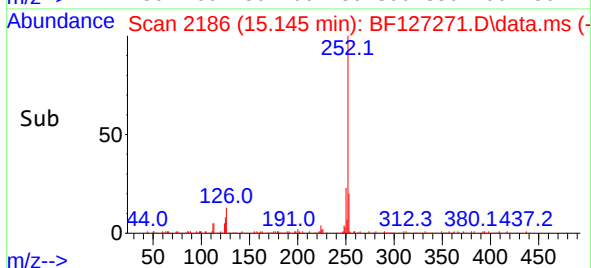
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

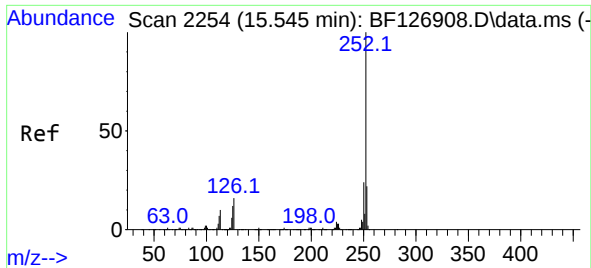


#89
Benzo(k)fluoranthene
Concen: 3.963 ng m
RT: 15.145 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24



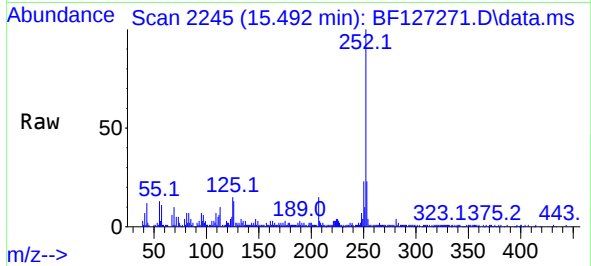
Tgt Ion:252 Resp: 34966
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.3 11.8 17.6





#90
Benzo(a)pyrene
Concen: 6.102 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127271.D
Acq: 08 Mar 2022 21:24

Instrument :
BNA_F
ClientSampleId :
282DL



Tgt Ion:252 Resp: 43600
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 14.9 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

