

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127930.D
 Acq On : 26 Apr 2022 23:35
 Operator : CG\JU
 Sample : N2553-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 370

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:49:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	138295	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	549164	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	311811	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	525001	20.000	ng	0.00
76) Chrysene-d12	14.121	240	298097	20.000	ng	0.00
86) Perylene-d12	15.633	264	312338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1049064	120.824	ng	0.01
7) Phenol-d6	6.569	99	1382094	122.675	ng	0.00
23) Nitrobenzene-d5	7.504	82	1023374	87.630	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	391316	124.666	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1565967	84.962	ng	0.00
79) Terphenyl-d14	13.063	244	1334397	81.853	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	10.016	154	69580	3.848	ng	98
71) Phenanthrene	11.498	178	88812	3.232	ng	99
75) Fluoranthene	12.686	202	100125	3.462	ng	98
78) Pyrene	12.921	202	81341	3.380	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	25180	2.013	ng	97
88) Benzo(b)fluoranthene	15.180	252	42032m	2.143	ng	

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

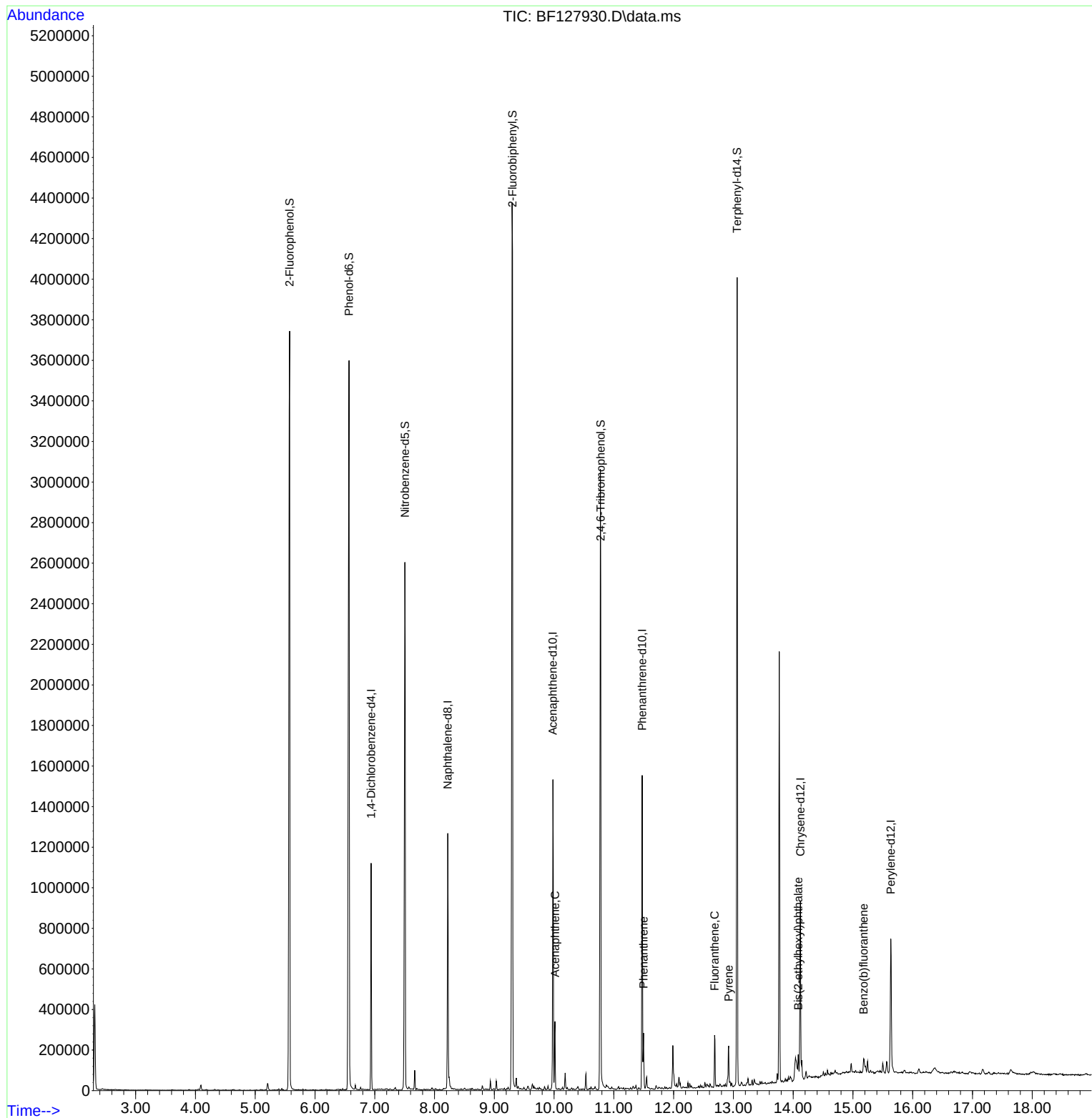
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127930.D
Acq On : 26 Apr 2022 23:35
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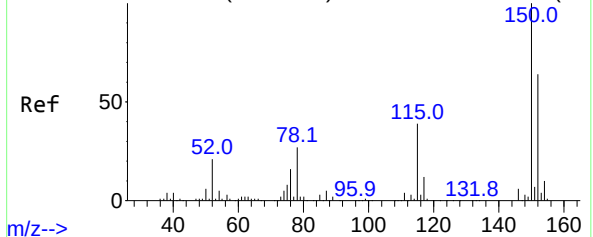
Quant Time: Apr 27 01:49:47 2022
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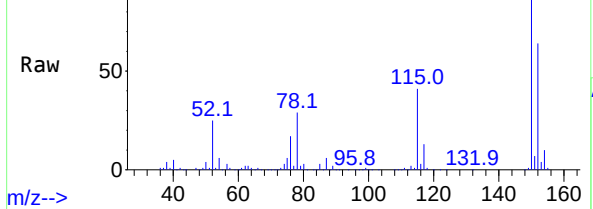


Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78



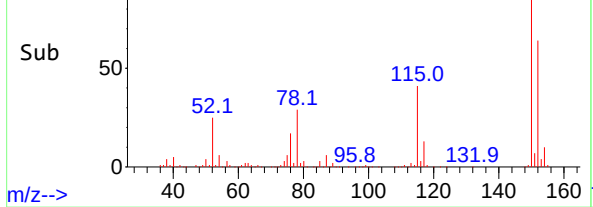
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Abundance Scan 791 (6.939 min): BF127930.D\data.ms



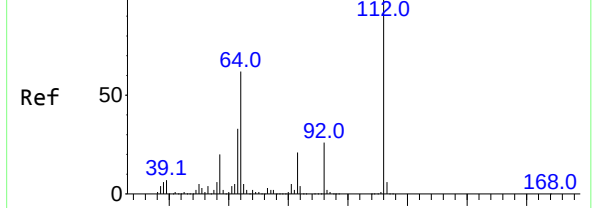
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Abundance Scan 791 (6.939 min): BF127930.D\data.ms (-77



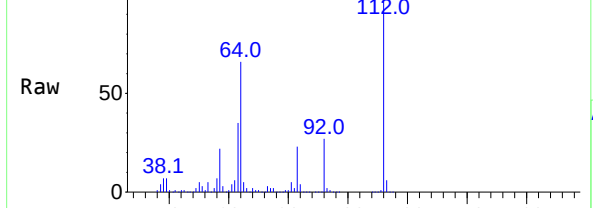
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Abundance Scan 557 (5.563 min): BF127861.D\data.ms (-55



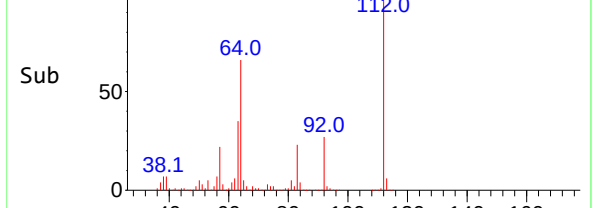
m/z-->

Abundance Scan 559 (5.575 min): BF127930.D\data.ms



m/z-->

Abundance Scan 559 (5.575 min): BF127930.D\data.ms (-50



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.939 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

Tgt Ion:152 Resp: 13829

Ion Ratio Lower Upper

152 100

150 156.8 125.3 187.9

115 64.7 48.8 73.2

Instrument :

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ClientSampleId :

370

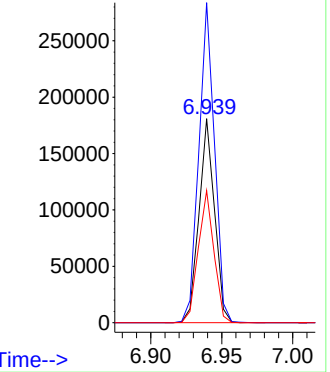
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Abundance



#5

2-Fluorophenol

Concen: 120.824 ng

RT: 5.575 min Scan# 559

Delta R.T. 0.012 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

Tgt Ion:112 Resp: 1049064

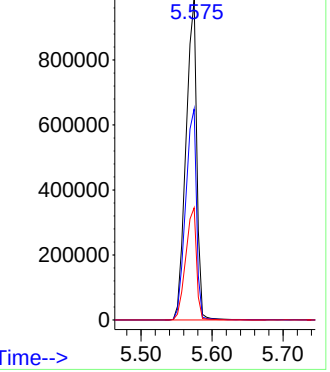
Ion Ratio Lower Upper

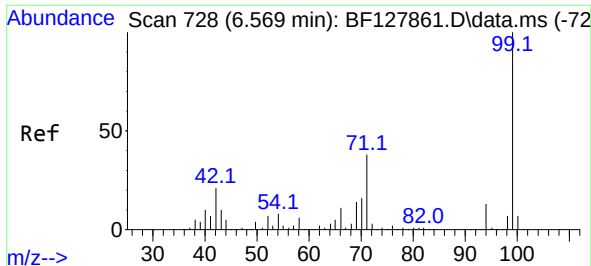
112 100

64 66.0 49.5 74.3

63 35.0 26.3 39.5

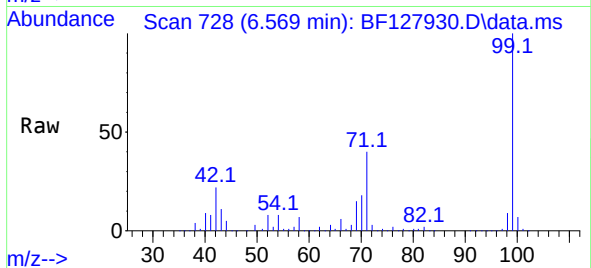
Abundance





#7
Phenol-d6
Concen: 122.675 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

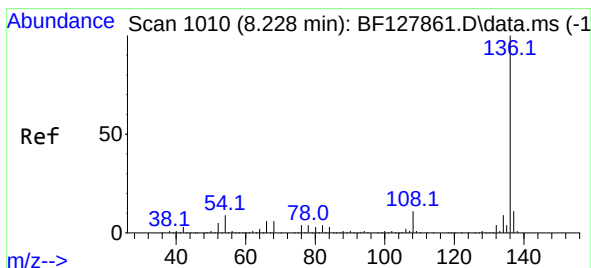
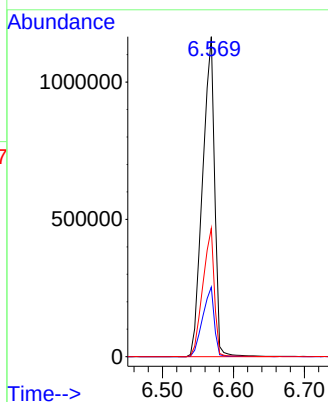
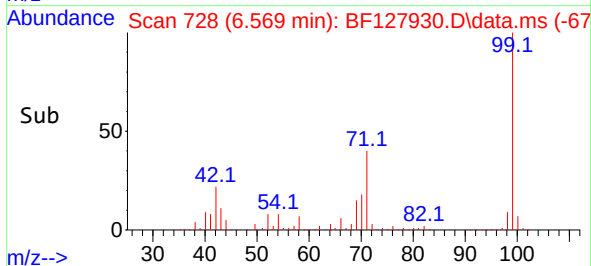
Instrument :
BNA_F
ClientSampleId :
370



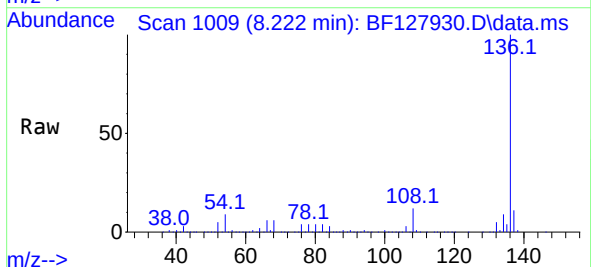
Tgt Ion: 99 Resp: 1382094
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.1 30.0 45.0

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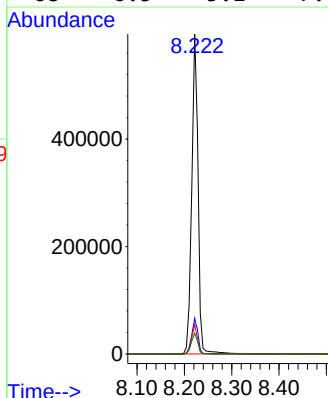
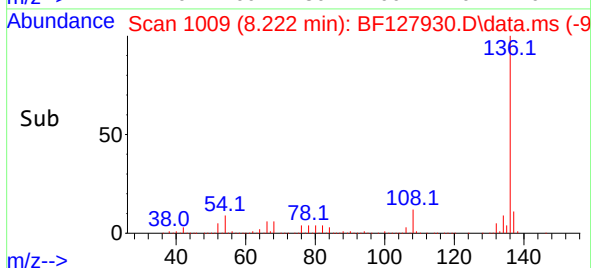
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

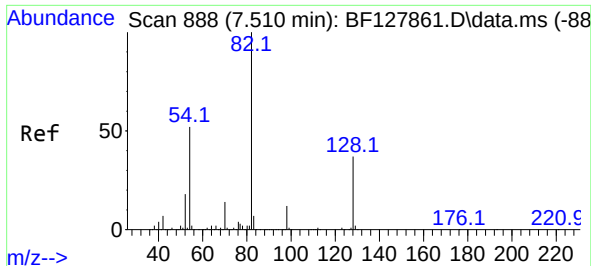


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35



Tgt Ion:136 Resp: 549164
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 6.8 10.2
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 87.630 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

Instrument :

BNA_F

ClientSampleId :

370

Tgt Ion: 82 Resp: 1023374

Ion Ratio Lower Upper

82 100

128 36.8 30.0 45.0

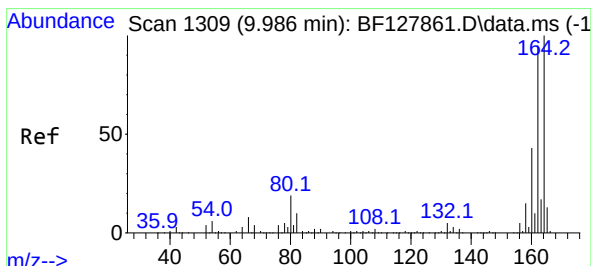
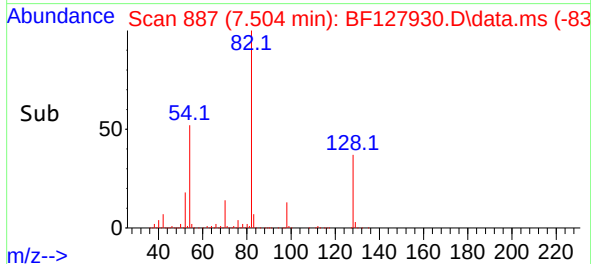
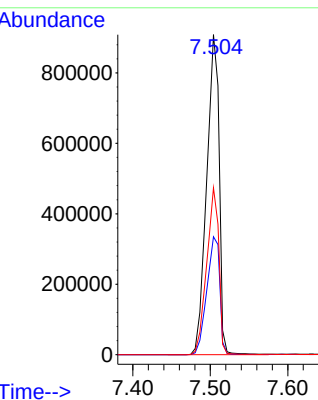
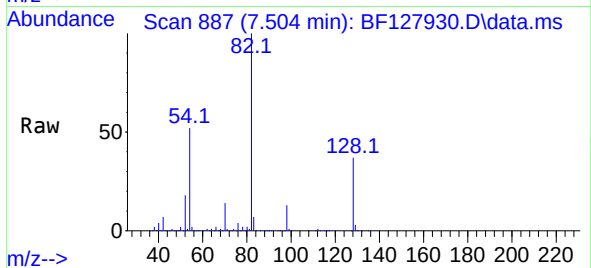
54 52.2 41.3 61.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

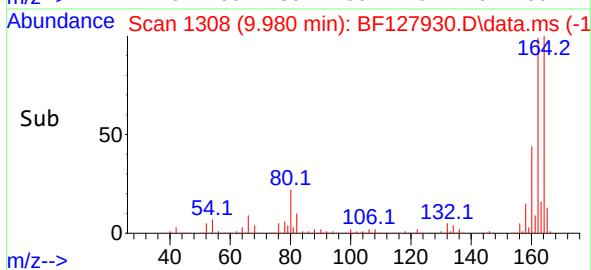
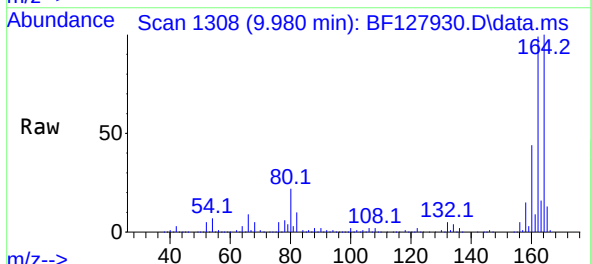
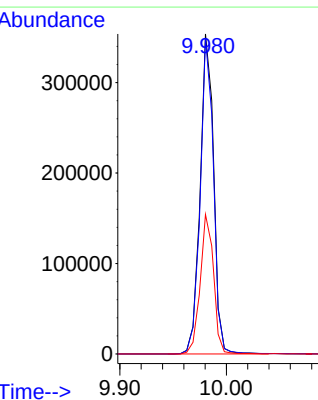
Tgt Ion:164 Resp: 311811

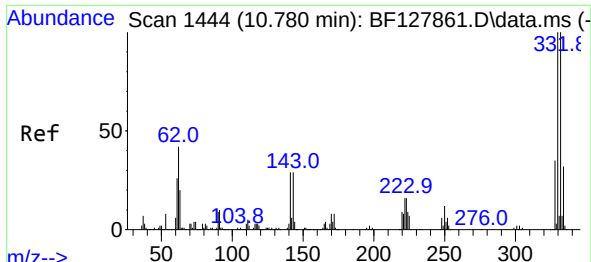
Ion Ratio Lower Upper

164 100

162 98.8 76.0 114.0

160 43.6 34.8 52.2





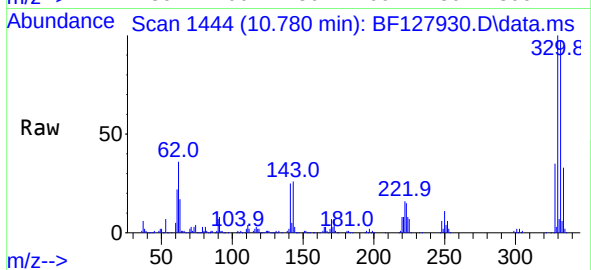
#42
2,4,6-Tribromophenol
Concen: 124.666 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Instrument :

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ClientSampleId :

370

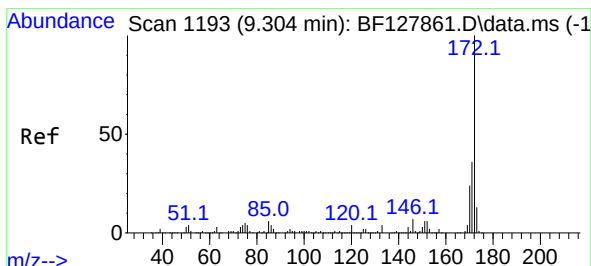
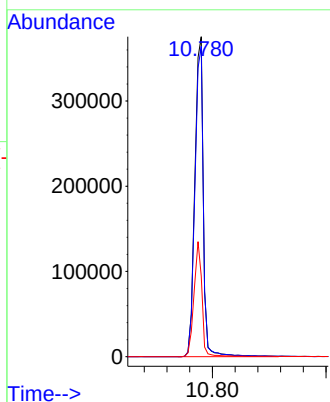
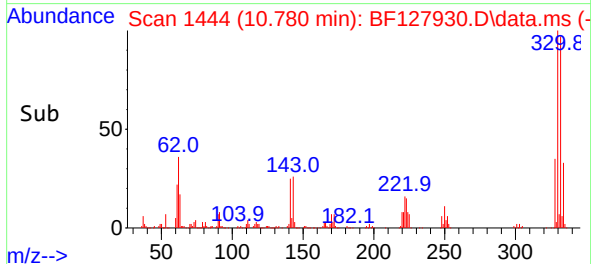


Tgt Ion:330 Resp: 391310
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.4
141 33.9 28.9 43.3

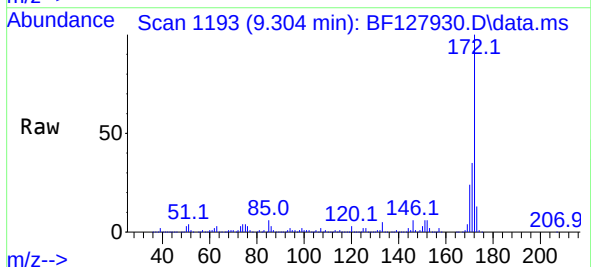
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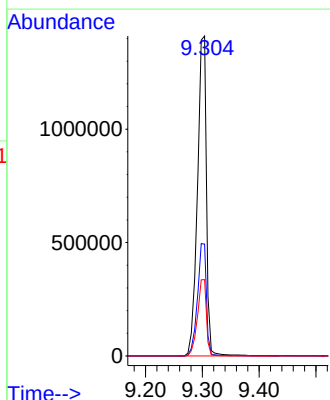
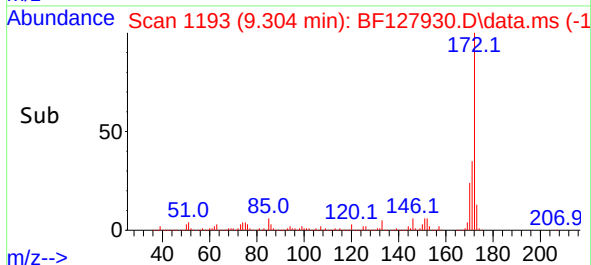
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

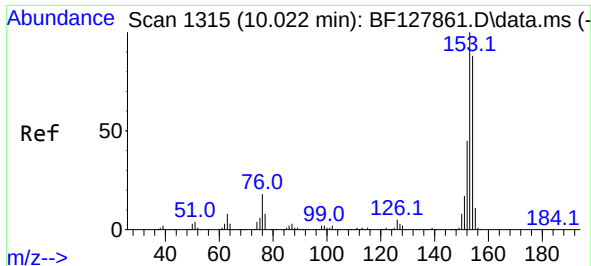


#45
2-Fluorobiphenyl
Concen: 84.962 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35



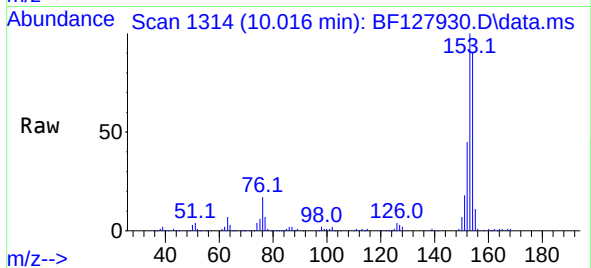
Tgt Ion:172 Resp: 1565967
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.8 19.1 28.7





#52
Acenaphthene
Concen: 3.848 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

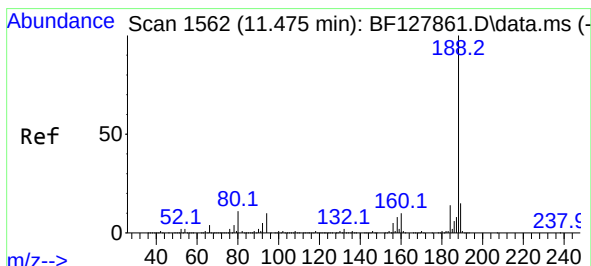
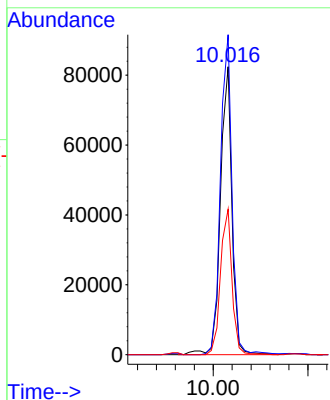
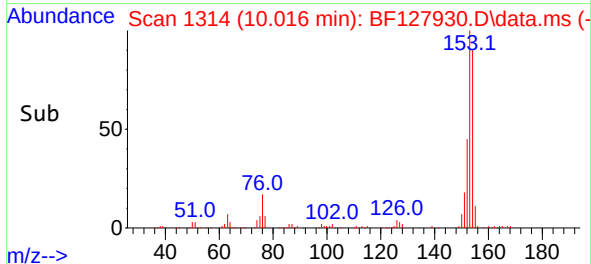
Instrument :
BNA_F
ClientSampleId :
370



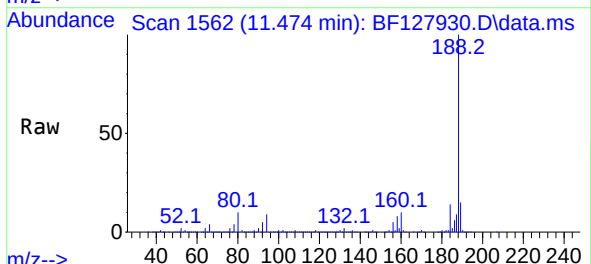
Tgt Ion:154 Resp: 69580
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 50.5 41.0 61.6

Manual Integrations
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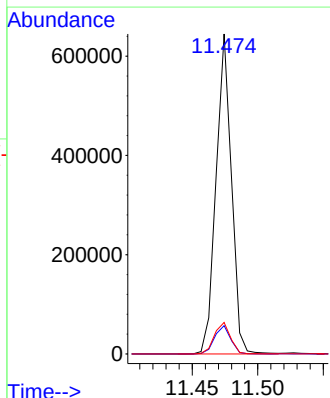
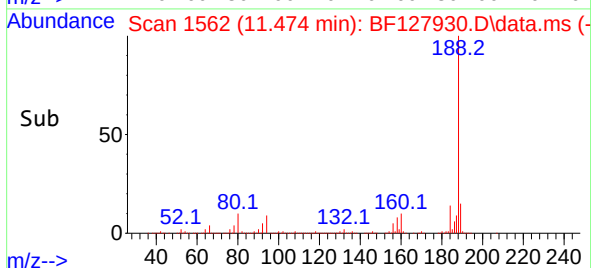
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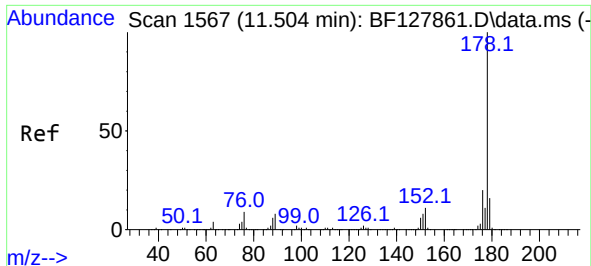


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35



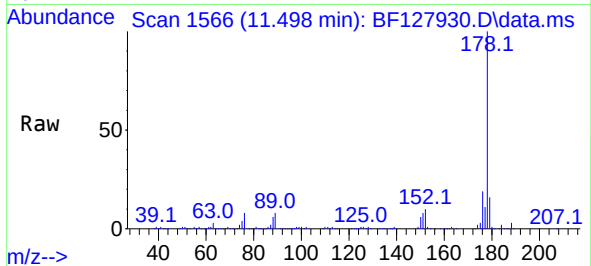
Tgt Ion:188 Resp: 525001
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.8 8.9 13.3





#71
Phenanthrene
Concen: 3.232 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

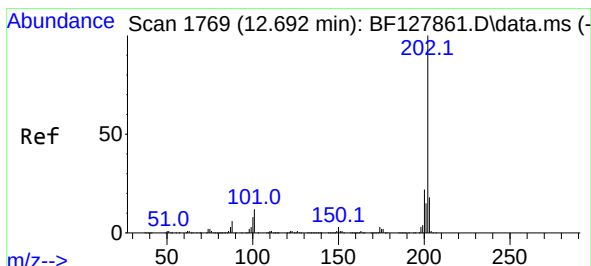
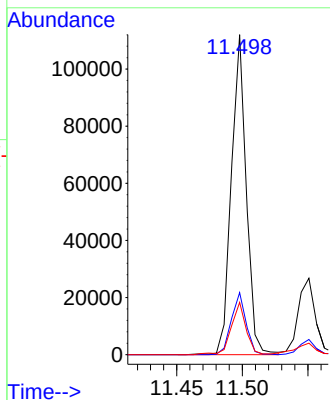
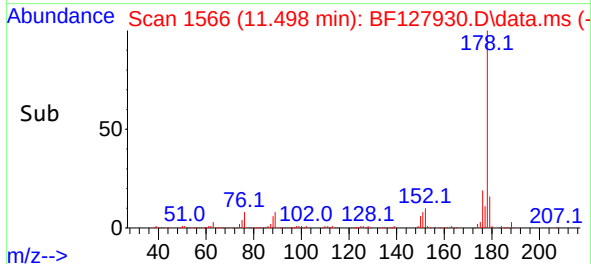
Instrument :
BNA_F
ClientSampleId :
370



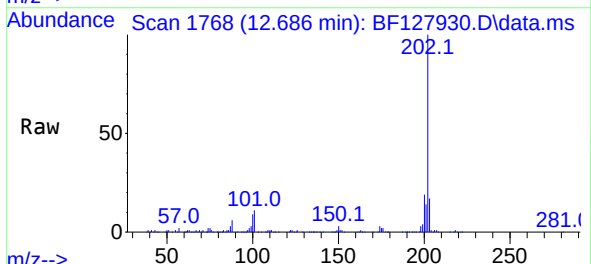
Tgt Ion:178 Resp: 88812
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.3 12.6 19.0

Manual Integrations
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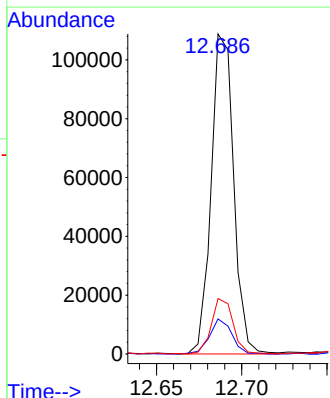
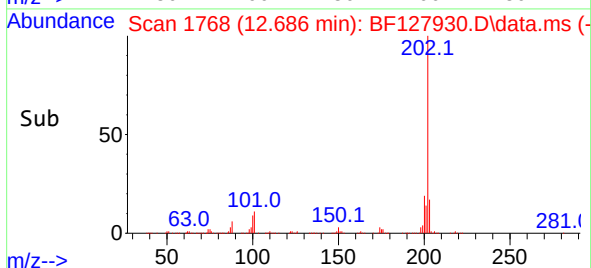
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

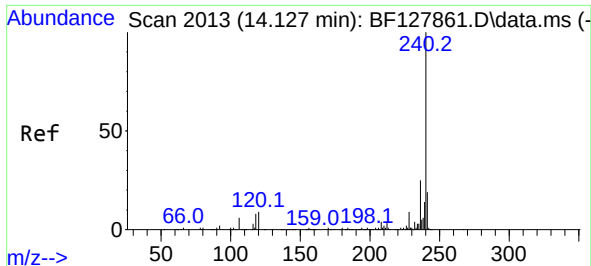


#75
Fluoranthene
Concen: 3.462 ng
RT: 12.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35



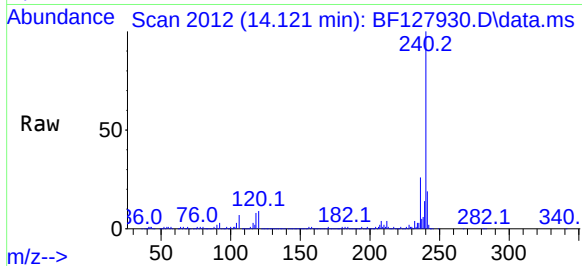
Tgt Ion:202 Resp: 100125
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 17.3 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

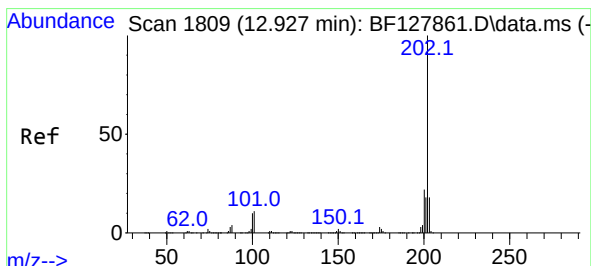
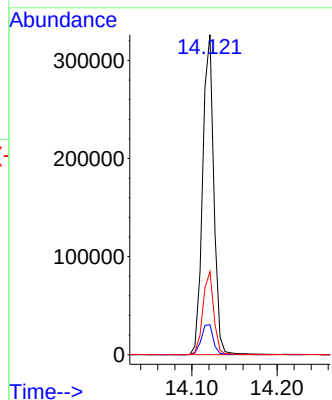
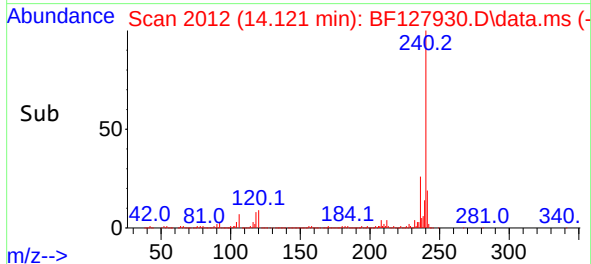
Instrument :
BNA_F
ClientSampleId :
370



Tgt Ion:240 Resp: 29809
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.0 20.3 30.5

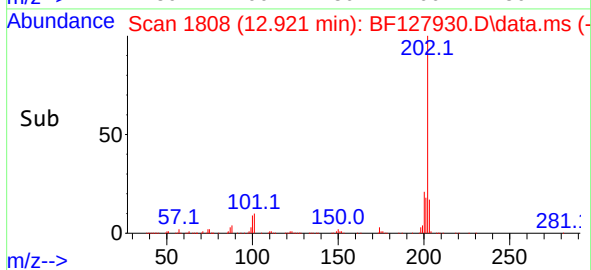
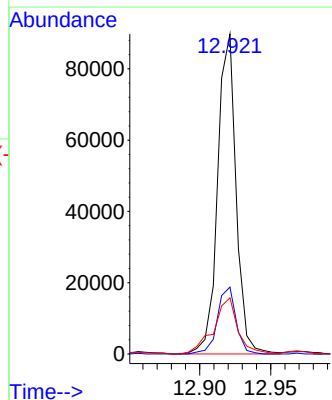
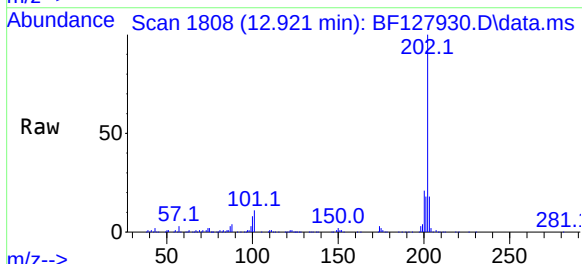
Manual Integrations
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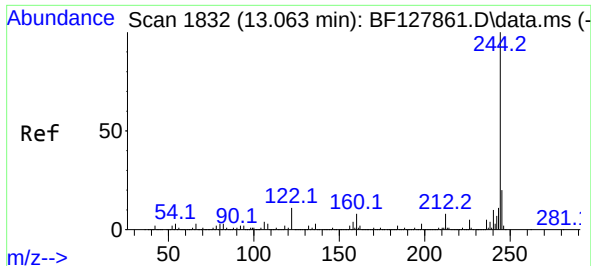
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#78
Pyrene
Concen: 3.380 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:202 Resp: 81341
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.5 14.0 21.0





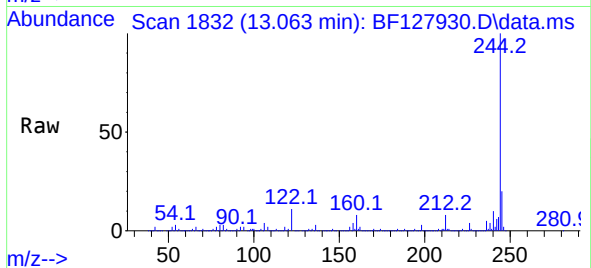
#79
Terphenyl-d14
Concen: 81.853 ng
RT: 13.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Instrument :

BNA_F

ClientSampleId :

370

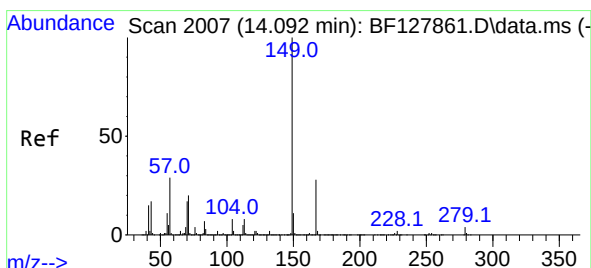
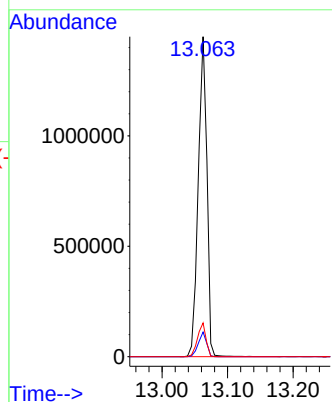
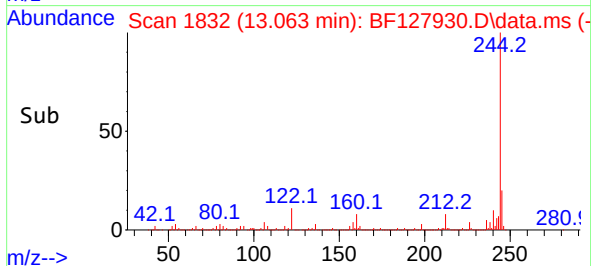


Tgt Ion:244 Resp: 133439
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.6 8.6 12.8

Manual Integrations

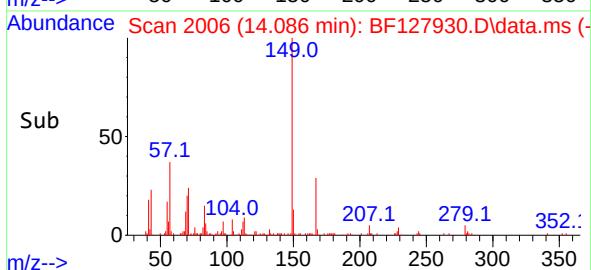
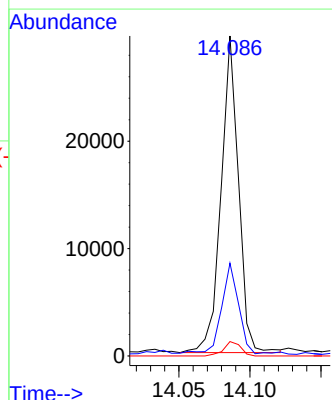
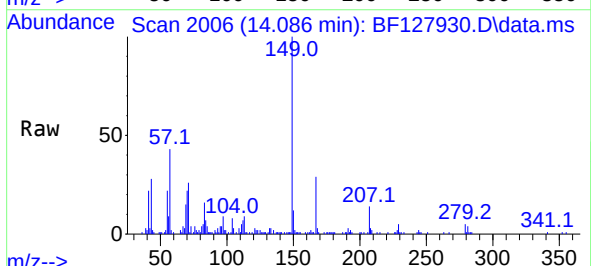
APPROVED

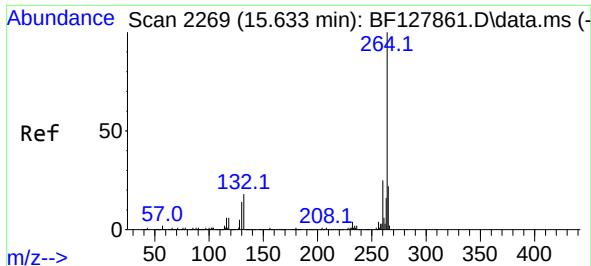
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.013 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

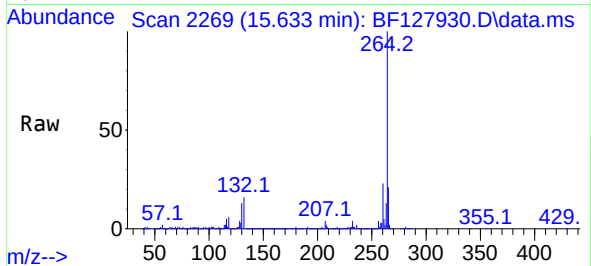
Tgt Ion:149 Resp: 25180
Ion Ratio Lower Upper
149 100
167 29.0 22.0 33.0
279 4.5 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

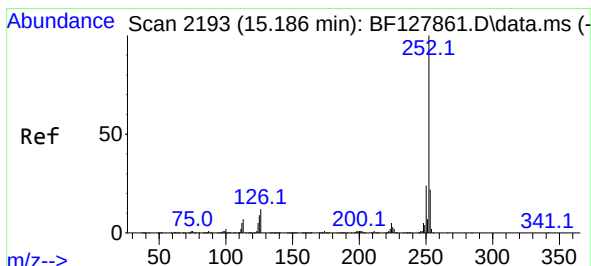
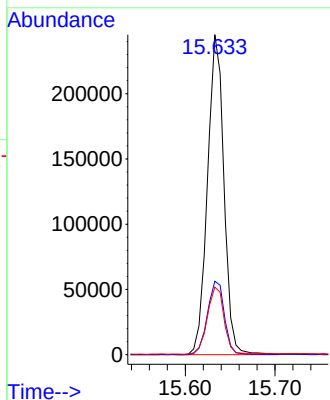
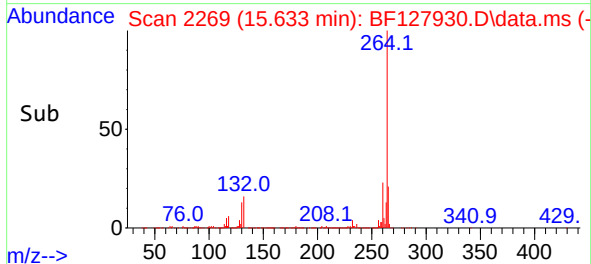
Instrument :
BNA_F
ClientSampleId :
370



Tgt Ion:264 Resp: 312338
Ion Ratio Lower Upper
264 100
260 23.0 20.1 30.1
265 21.1 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#88
Benzo(b)fluoranthene
Concen: 2.143 ng m
RT: 15.180 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:252 Resp: 42032
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 12.3 7.4 11.2#

