

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127936.D
 Acq On : 27 Apr 2022 02:27
 Operator : CG\JU
 Sample : N2567-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2R

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 03:21:33 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	126322	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	455797	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	223669	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	316561	20.000	ng	0.00
76) Chrysene-d12	14.133	240	209217	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	173487	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	805416	101.554	ng	0.00
7) Phenol-d6	6.569	99	1055416	102.558	ng	0.00
23) Nitrobenzene-d5	7.510	82	739814	76.326	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	212858	94.536	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1114971	84.332	ng	0.00
79) Terphenyl-d14	13.068	244	872313	76.240	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.939	142	131304	8.558	ng	98
38) 1-Methylnaphthalene	9.039	142	148187	9.937	ng	100
71) Phenanthrene	11.504	178	67947m	4.100	ng	
78) Pyrene	12.927	202	46765	2.769	ng	# 82
83) Chrysene	14.157	228	35208	2.644	ng	# 56

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

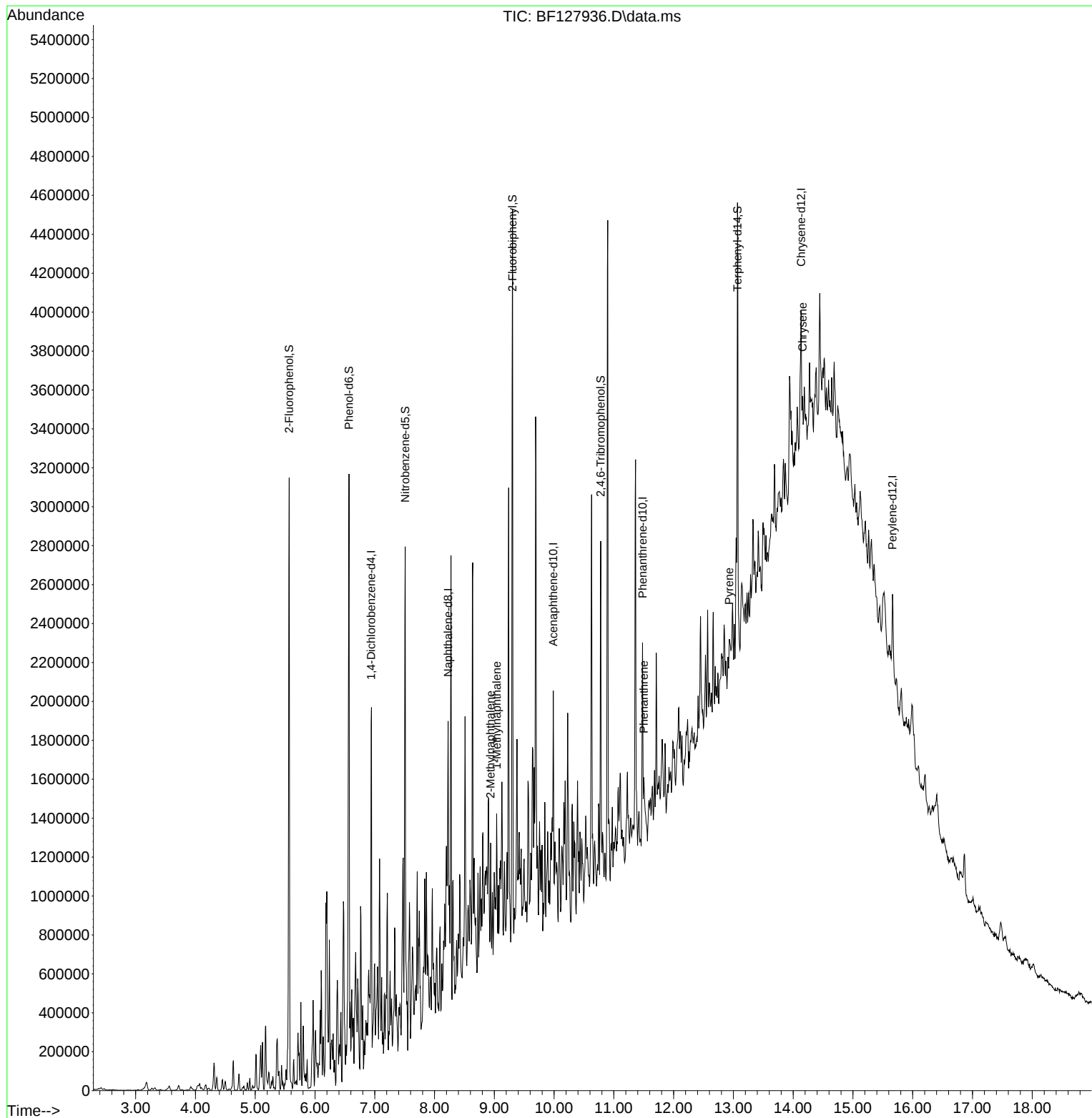
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127936.D
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ALS Vial : 24 Sample Multiplier: 1

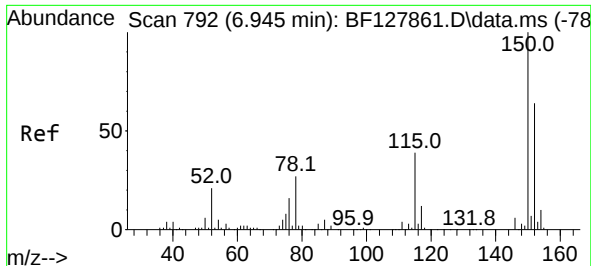
Instrument :
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WC-14A-1A-4-2R

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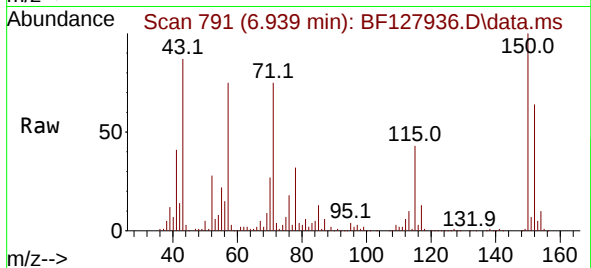
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

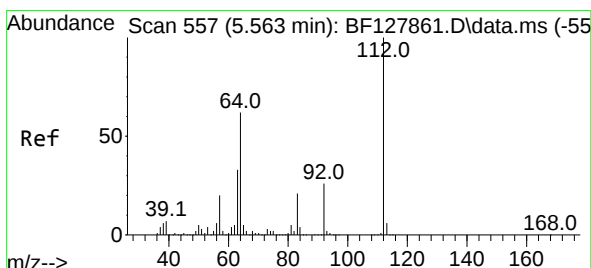
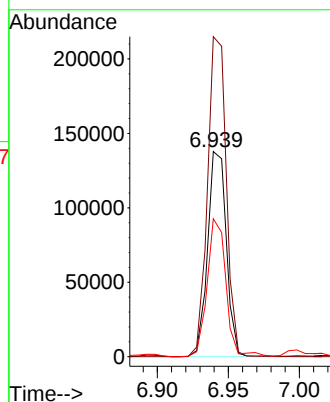
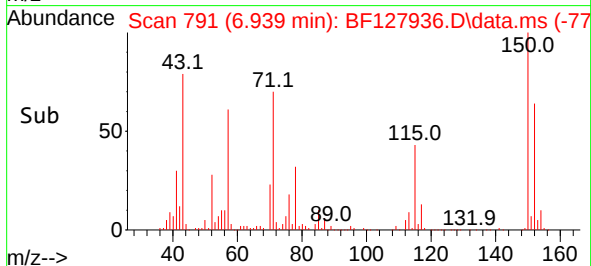
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R



Tgt Ion:152 Resp: 12632
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 67.3 48.8 73.2

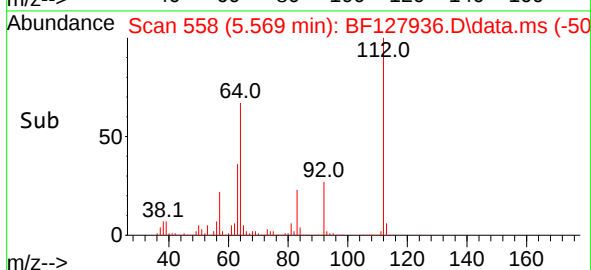
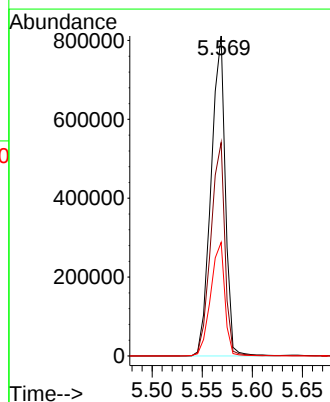
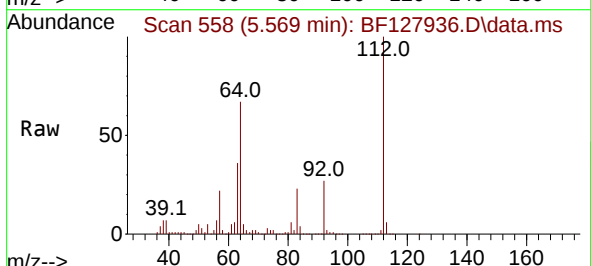
Manual Integrations
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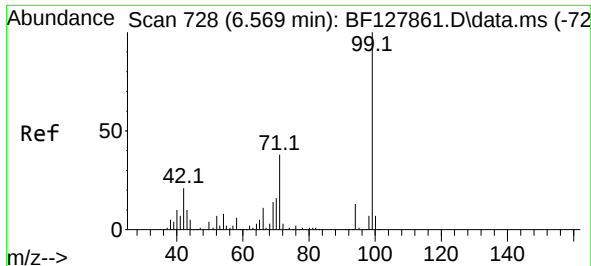
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#5
2-Fluorophenol
Concen: 101.554 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

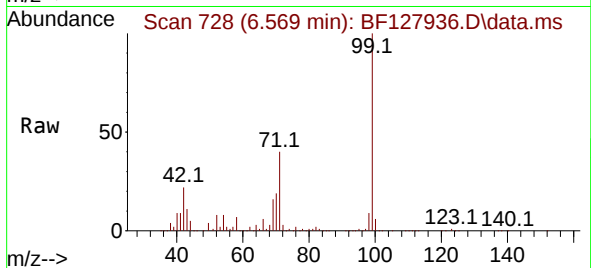
Tgt Ion:112 Resp: 805416
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 35.5 26.3 39.5





#7
Phenol-d6
Concen: 102.558 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

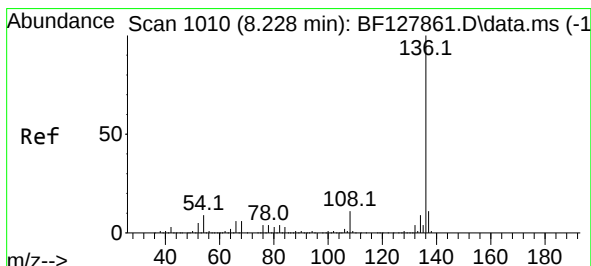
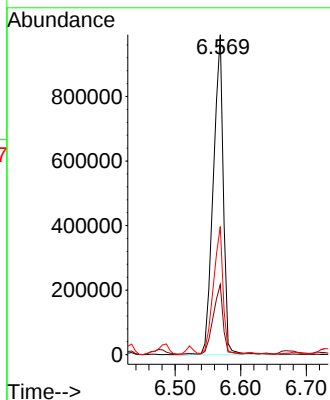
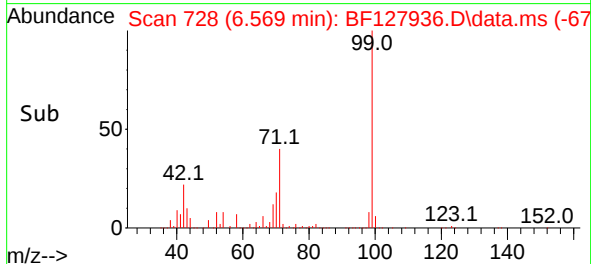
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R



Tgt Ion: 99 Resp: 1055410
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.1 30.0 45.0

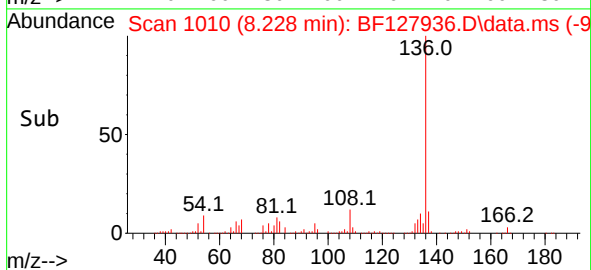
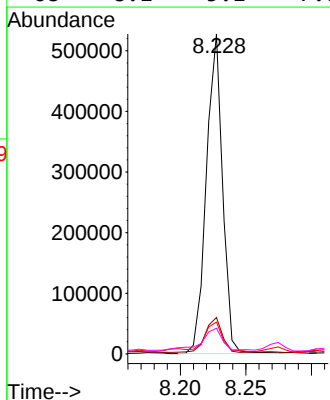
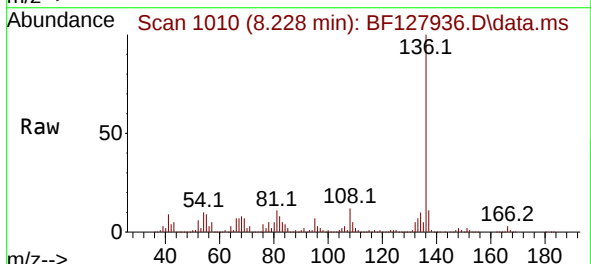
Manual Integrations
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:136 Resp: 455797
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.9 6.8 10.2
68 8.1 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 76.326 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.000 min

Lab File: BF127936.D

Acq: 27 Apr 2022 02:27

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-2R

Tgt Ion: 82 Resp: 739814

Ion Ratio Lower Upper

82 100

128 38.9 30.0 45.0

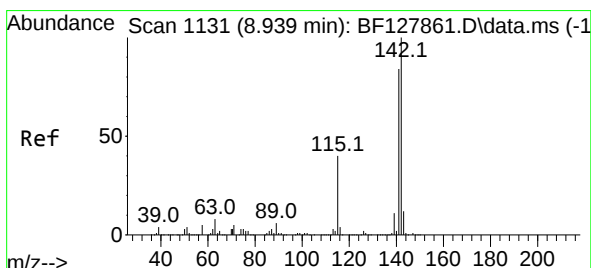
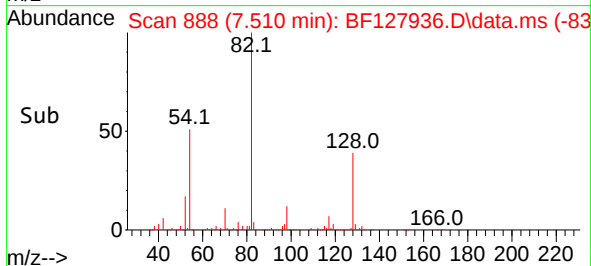
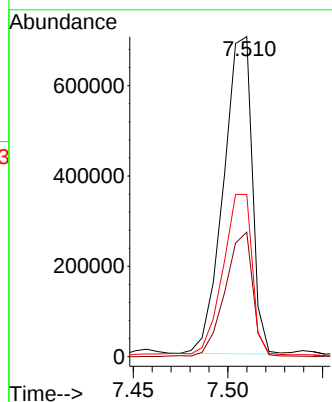
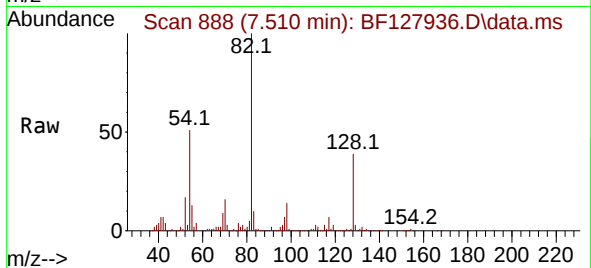
54 50.7 41.3 61.9

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#37

2-Methylnaphthalene

Concen: 8.558 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF127936.D

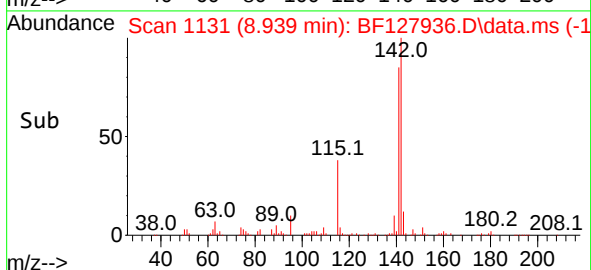
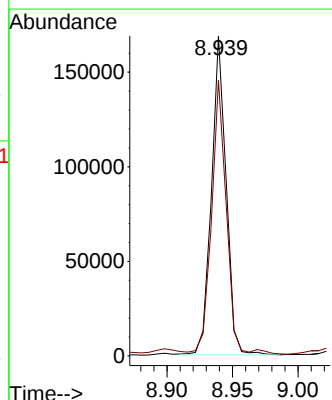
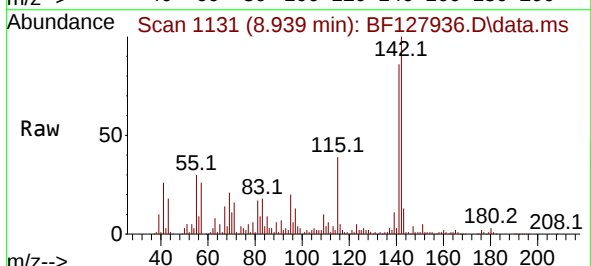
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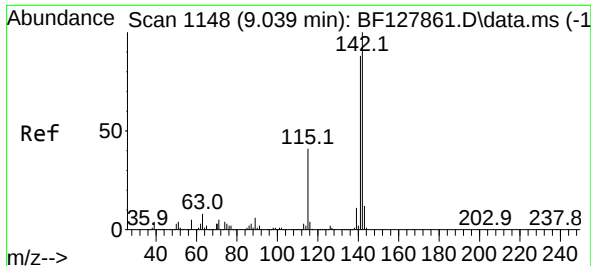
Tgt Ion:142 Resp: 131304

Ion Ratio Lower Upper

142 100

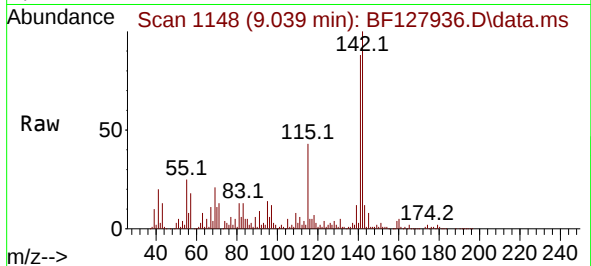
141 86.2 67.4 101.2





#38
1-Methylnaphthalene
Concen: 9.937 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

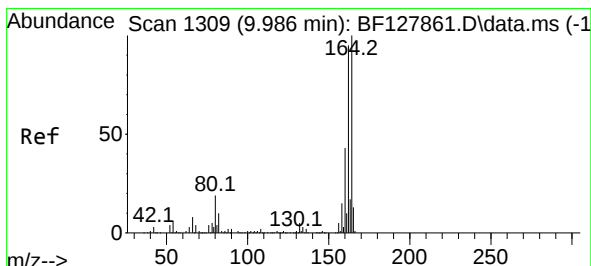
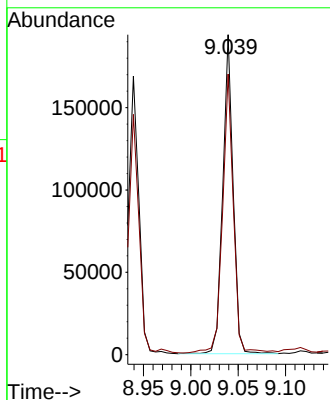
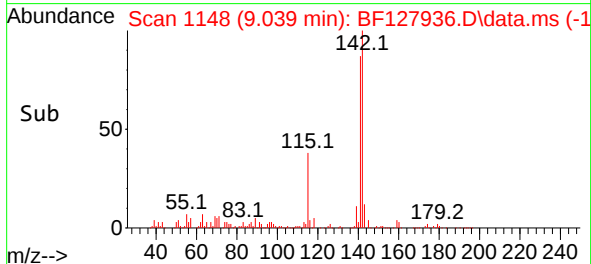
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R



Tgt Ion:142 Resp: 14818
Ion Ratio Lower Upper
142 100
141 87.7 70.1 105.1

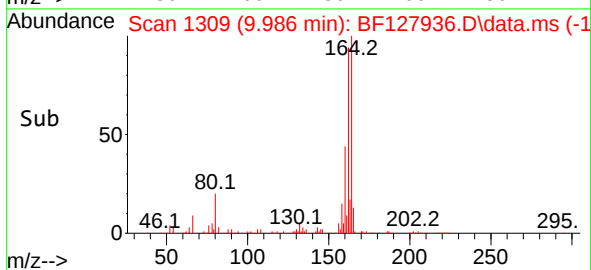
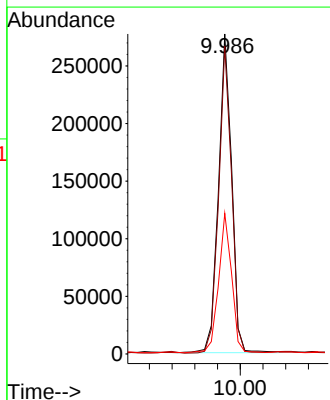
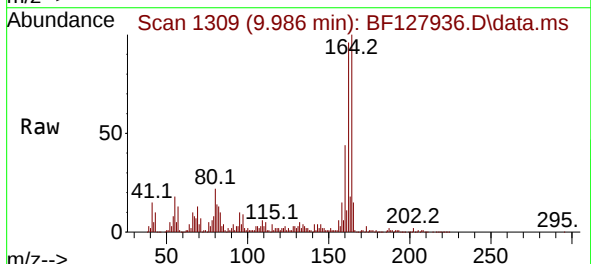
Manual Integrations
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Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

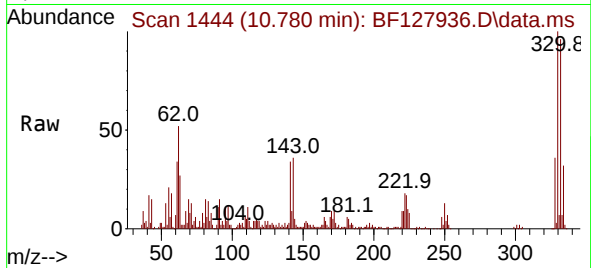
Tgt Ion:164 Resp: 223669
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 44.0 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 94.536 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

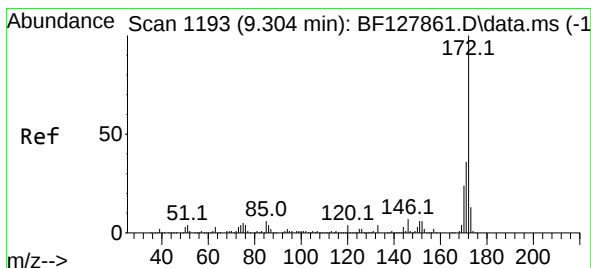
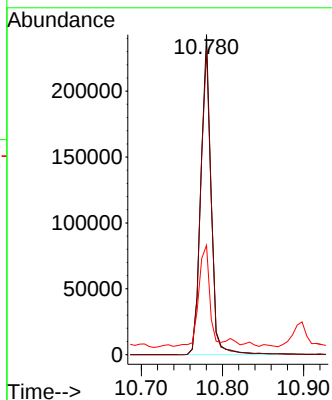
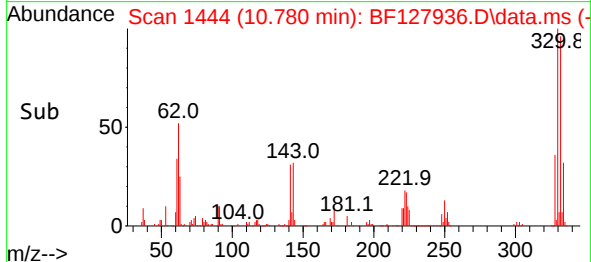
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BNA_F
ClientSampleId :
WC-14A-1A-4-2R



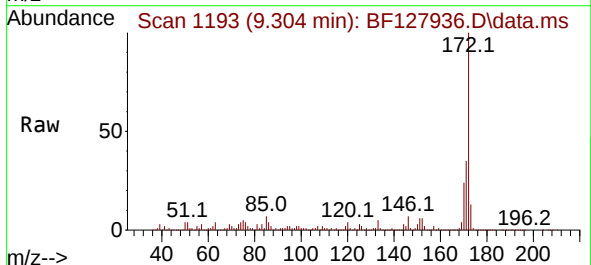
Tgt Ion: 330 Resp: 212858
Ion Ratio Lower Upper
330 100
332 97.8 79.0 118.4
141 33.7 28.9 43.3

Manual Integrations
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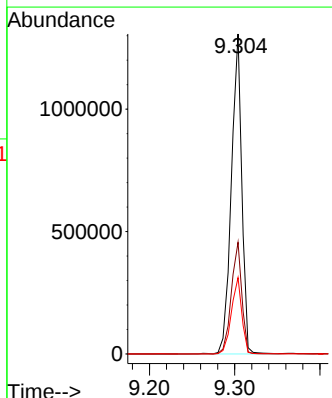
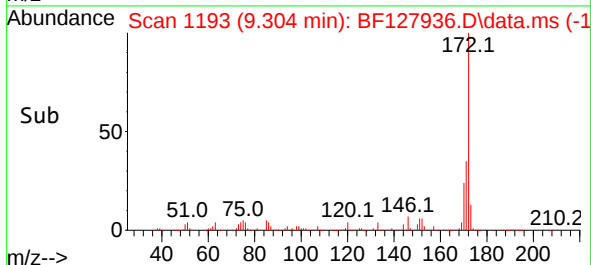
Reviewed By : Christian Giraldo 04/27/2022
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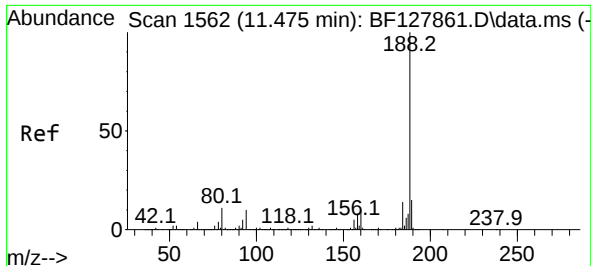


#45
2-Fluorobiphenyl
Concen: 84.332 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27



Tgt Ion: 172 Resp: 1114971
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.8 19.1 28.7





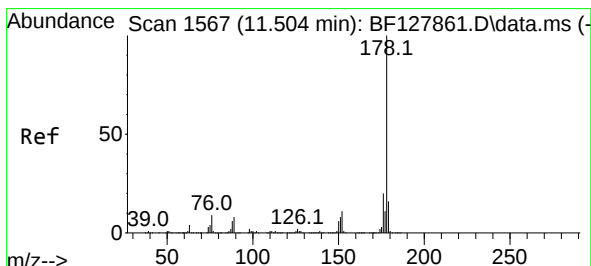
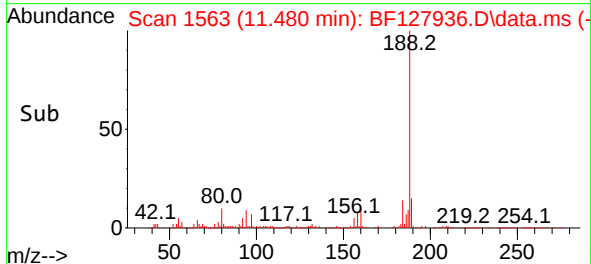
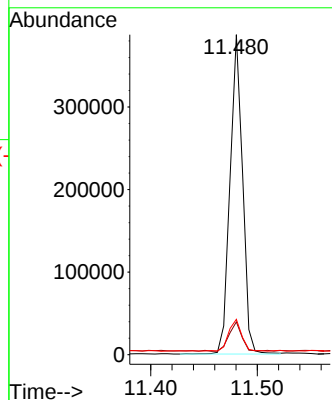
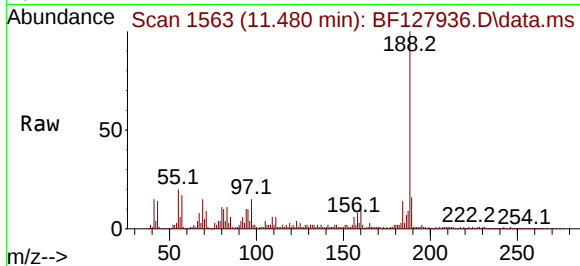
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

Tgt Ion:188 Resp: 31656
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.0 8.9 13.3

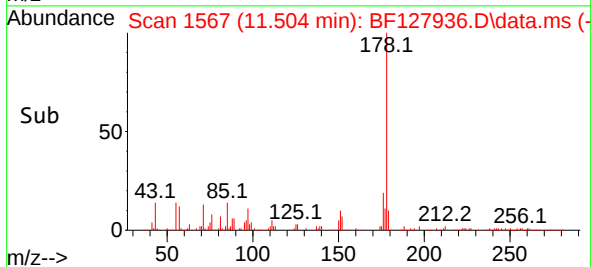
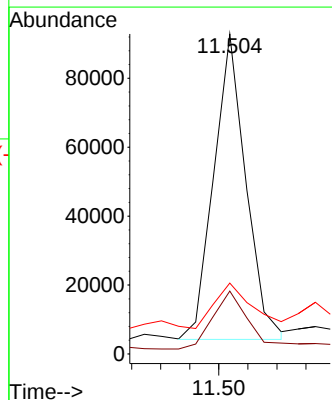
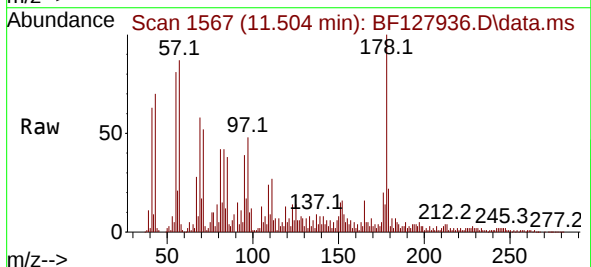
Manual Integrations
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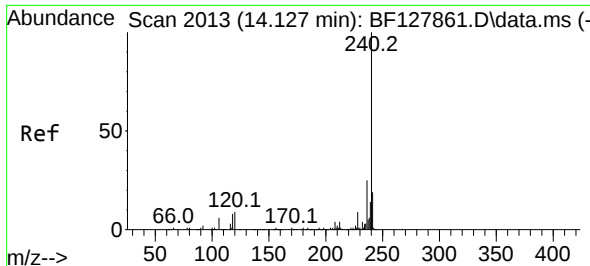
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#71
Phenanthrene
Concen: 4.100 ng m
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

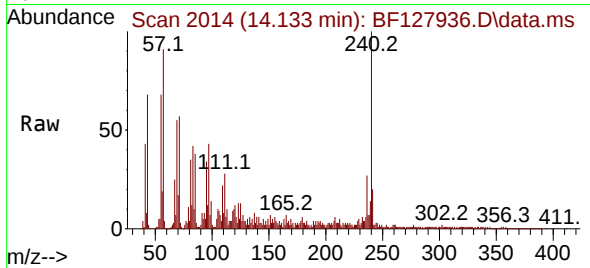
Tgt Ion:178 Resp: 67947
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 22.2 12.6 19.0#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

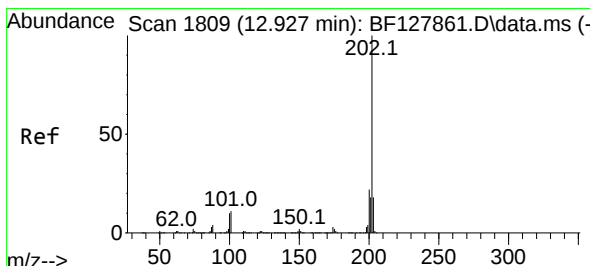
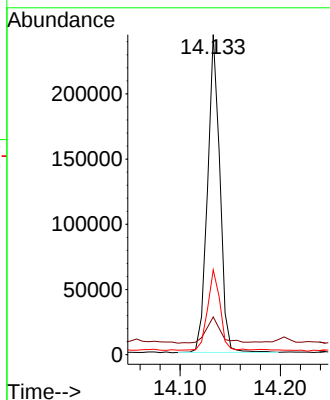
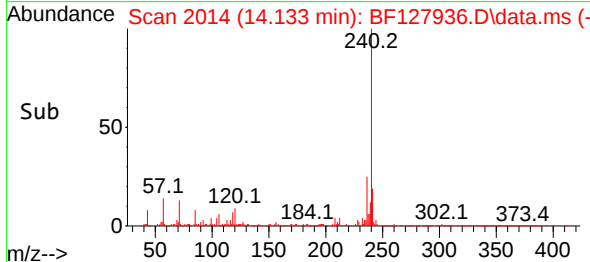
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R



Tgt Ion:240 Resp: 20921
Ion Ratio Lower Upper
240 100
120 11.8 7.0 10.6
236 26.5 20.3 30.5

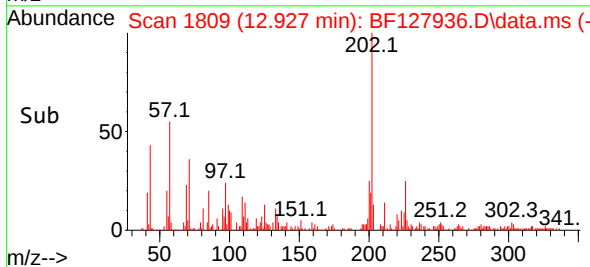
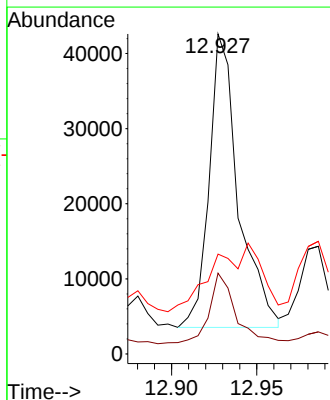
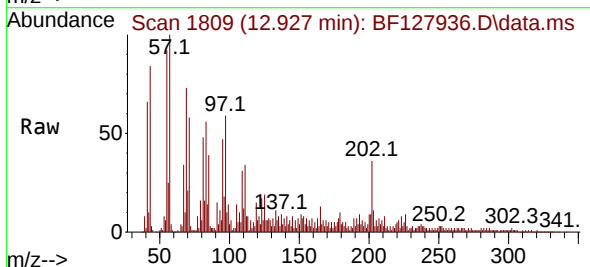
Manual Integrations
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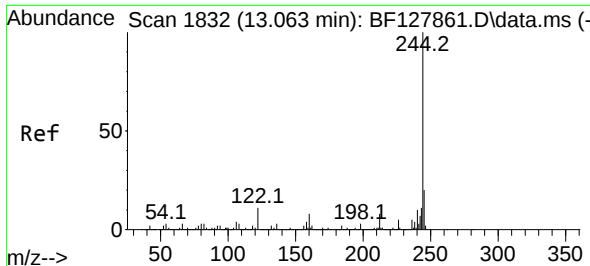
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#78
Pyrene
Concen: 2.769 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

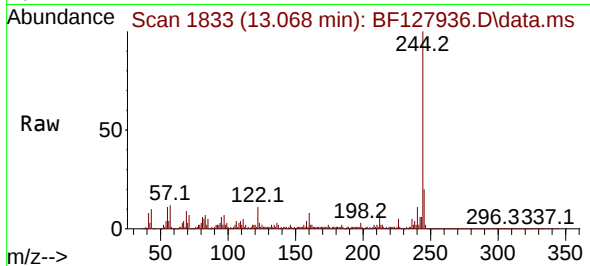
Tgt Ion:202 Resp: 46765
Ion Ratio Lower Upper
202 100
200 25.3 17.4 26.2
203 31.2 14.0 21.0#





#79
 Terphenyl-d14
 Concen: 76.240 ng
 RT: 13.068 min Scan# 1832
 Delta R.T. 0.006 min
 Lab File: BF127936.D
 Acq: 27 Apr 2022 02:27

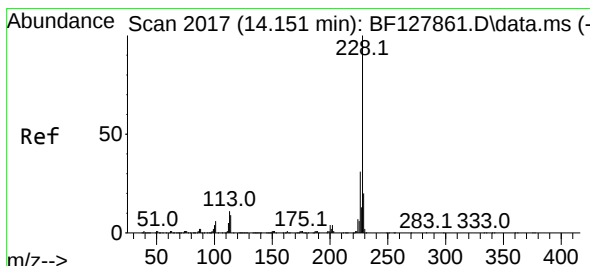
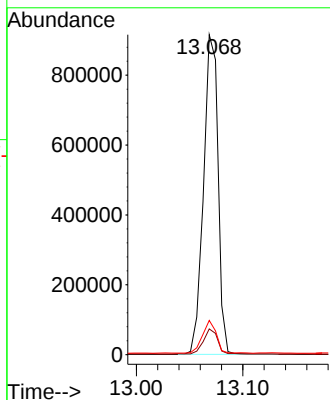
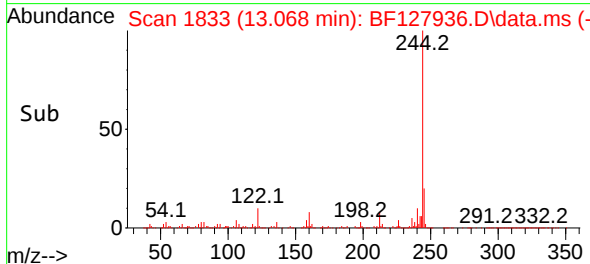
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2R



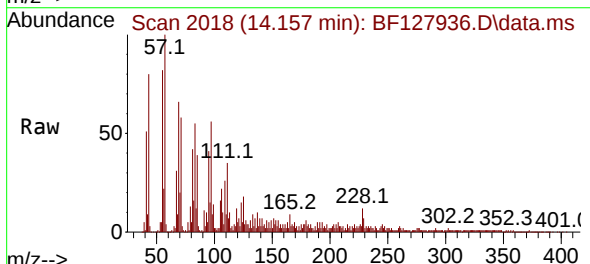
Tgt Ion:244 Resp: 87231
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 10.7 8.6 12.8

Manual Integrations
 APPROVED

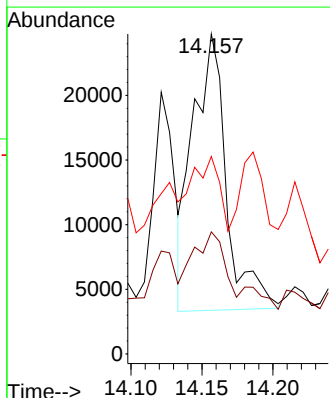
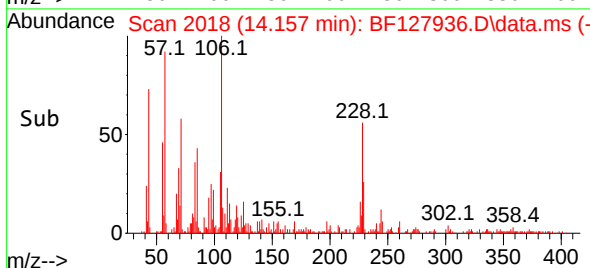
Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/27/2022

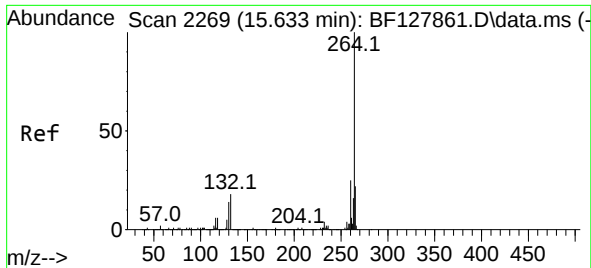


#83
 Chrysene
 Concen: 2.644 ng
 RT: 14.157 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BF127936.D
 Acq: 27 Apr 2022 02:27



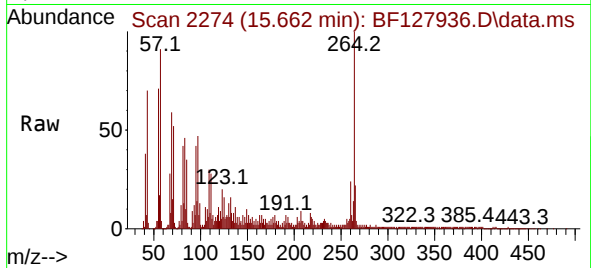
Tgt Ion:228 Resp: 35208
 Ion Ratio Lower Upper
 228 100
 226 38.1 24.4 36.6#
 229 61.7 15.8 23.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF127936.D
 Acq: 27 Apr 2022 02:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2R



Tgt Ion:264 Resp: 17348

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	21.8	17.5	26.3

Manual Integrations
 APPROVED

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

