

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132929.D
 Acq On : 20 Apr 2023 00:17
 Operator : CG\JU
 Sample : 02390-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPC-2WC-23-04-17

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 20 01:53:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	269982	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1110920	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	568659	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	959512	20.000	ng	0.00
76) Chrysene-d12	13.916	240	582454	20.000	ng	-0.01
86) Perylene-d12	15.351	264	585921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1595234	92.392	ng	0.00
7) Phenol-d6	6.393	99	2106949	95.631	ng	0.00
23) Nitrobenzene-d5	7.328	82	1340769	62.909	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	545888	95.708	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2285392	61.739	ng	-0.01
79) Terphenyl-d14	12.869	244	2226045	65.203	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.304	178	103447	2.004	ng	99
75) Fluoranthene	12.492	202	211190	4.115	ng	98
78) Pyrene	12.716	202	202578	4.253	ng	97
80) Butylbenzylphthalate	13.345	149	18622	6.581	ng	# 83
81) Benzo(a)anthracene	13.904	228	98853	2.496	ng	93
83) Chrysene	13.939	228	107416	2.728	ng	94
84) Bis(2-ethylhexyl)phtha...	13.916	149	108237	7.185	ng	99
88) Benzo(b)fluoranthene	14.939	252	167058m	4.577	ng	
90) Benzo(a)pyrene	15.286	252	96811	2.903	ng	# 90
92) Benzo(g,h,i)perylene	17.157	276	62758	2.298	ng	93

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

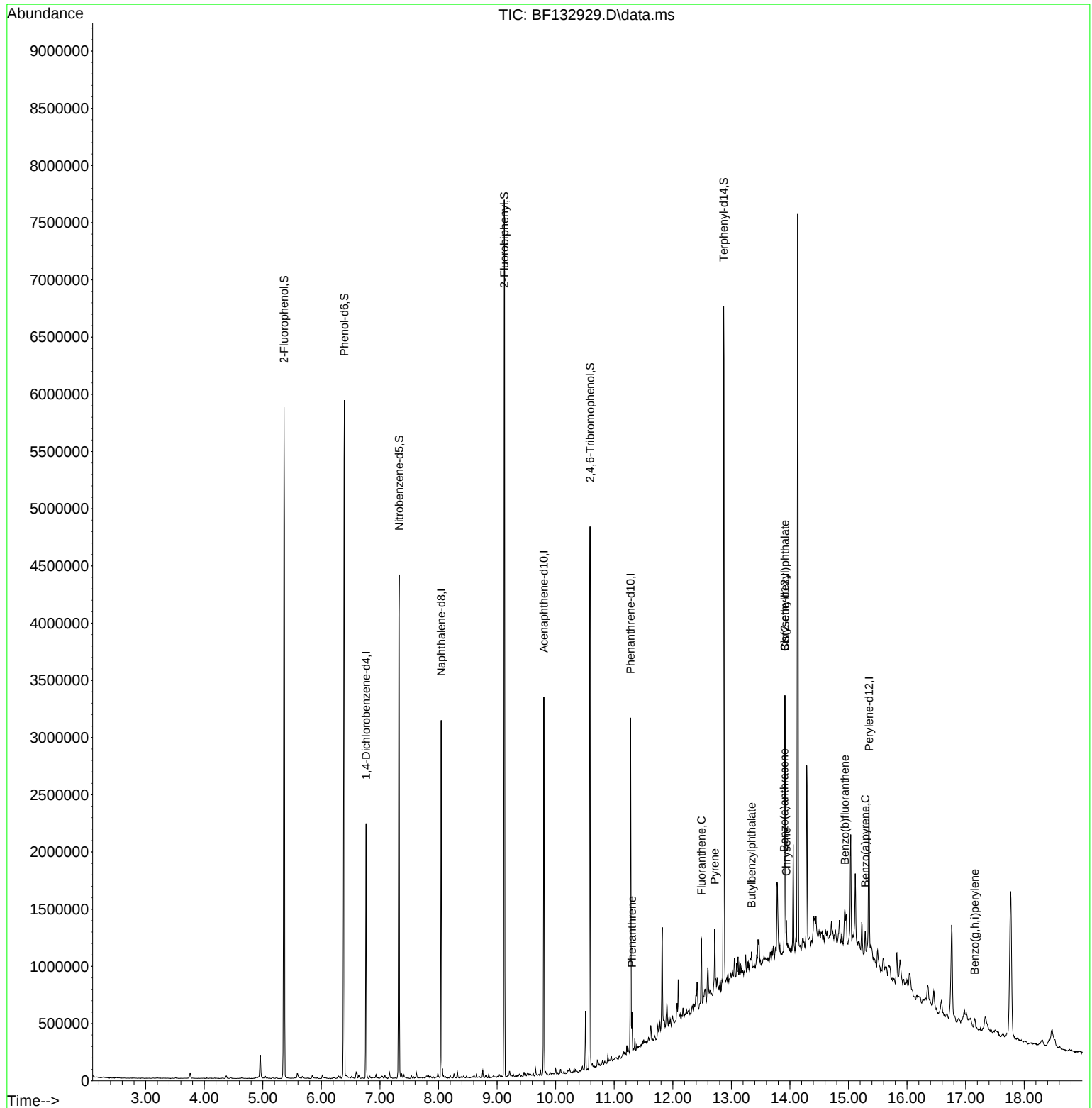
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132929.D
Acq On : 20 Apr 2023 00:17
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Sample : 02390-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

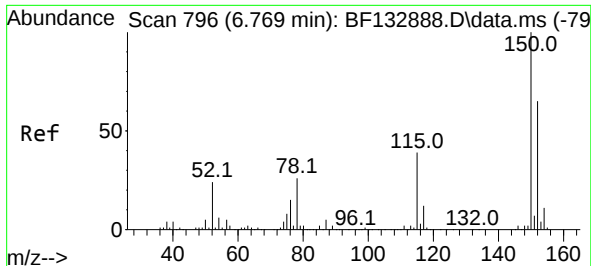
Instrument :
BNA_F
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SPC-2WC-23-04-17

Quant Time: Apr 20 01:53:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
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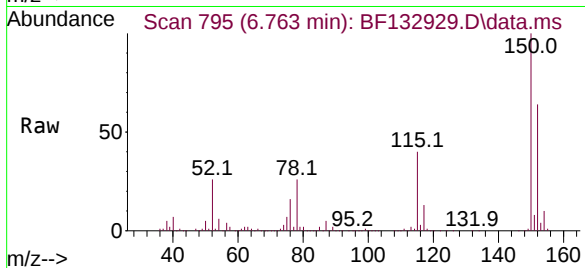
Reviewed By : Christian Giraldo 04/20/2023
Supervised By : Jagrut Upadhyay 04/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

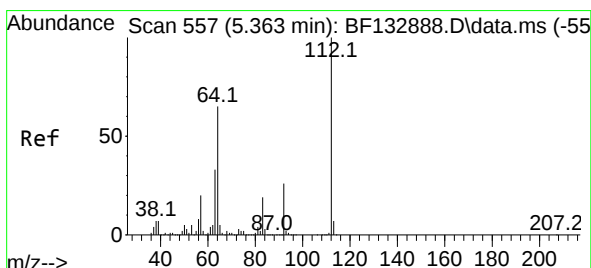
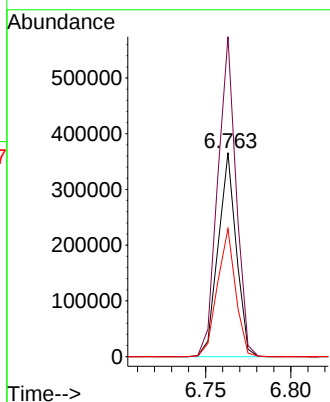
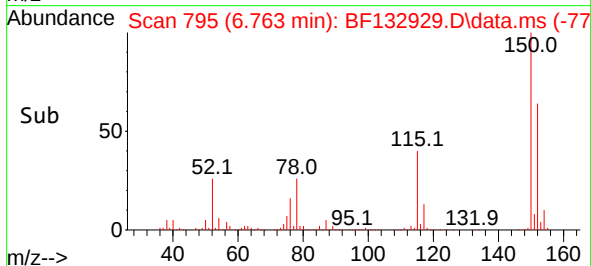
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17



Tgt Ion:152 Resp: 269982
Ion Ratio Lower Upper
152 100
150 156.9 122.8 184.2
115 62.7 47.3 70.9

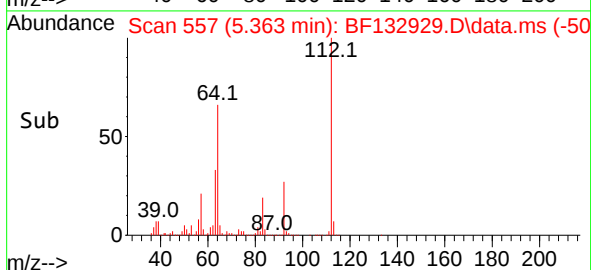
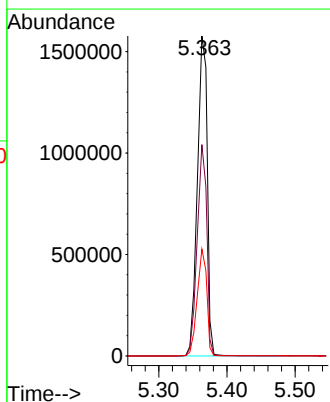
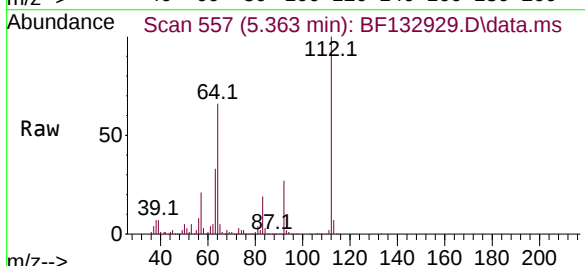
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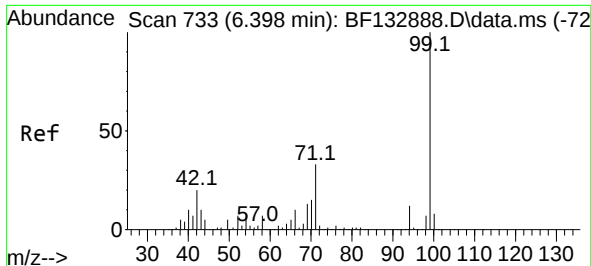
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#5
2-Fluorophenol
Concen: 92.392 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

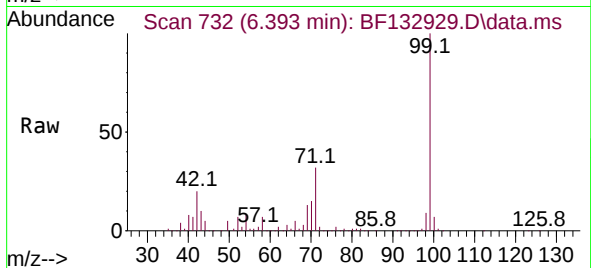
Tgt Ion:112 Resp: 1595234
Ion Ratio Lower Upper
112 100
64 66.0 51.8 77.8
63 33.4 26.3 39.5





#7
Phenol-d6
Concen: 95.631 ng
RT: 6.393 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

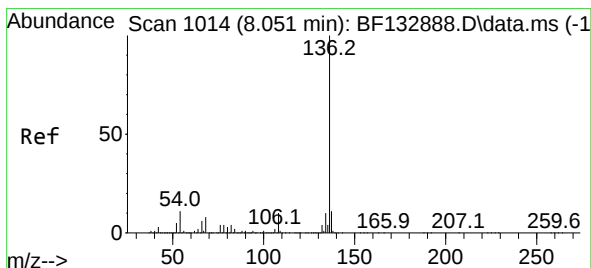
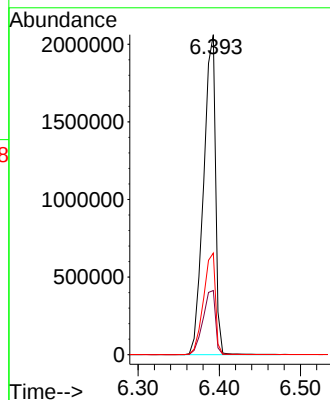
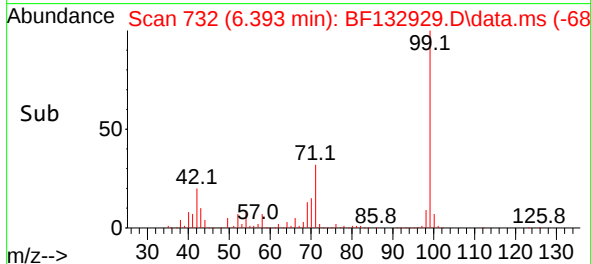
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17



Tgt Ion: 99 Resp: 2106949
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 31.7 26.1 39.1

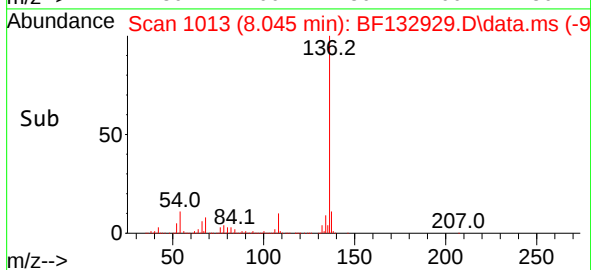
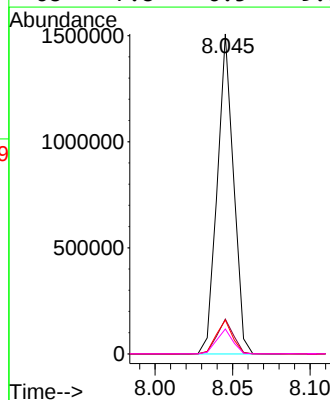
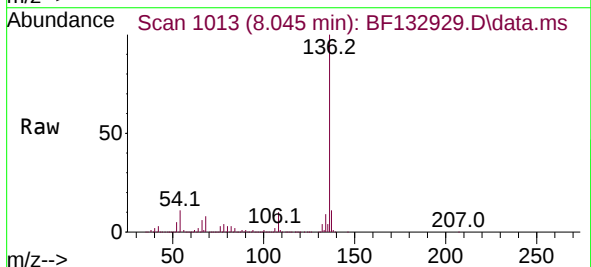
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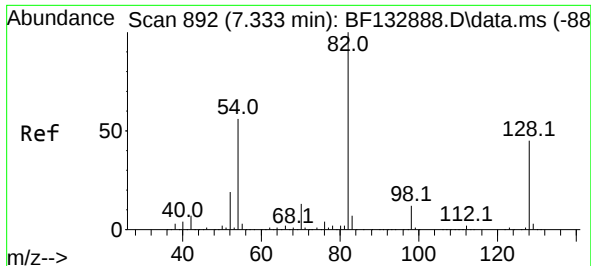
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

Tgt Ion:136 Resp: 1110920
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.6 8.9 13.3
68 7.8 6.5 9.7





#23

Nitrobenzene-d5

Concen: 62.909 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132929.D

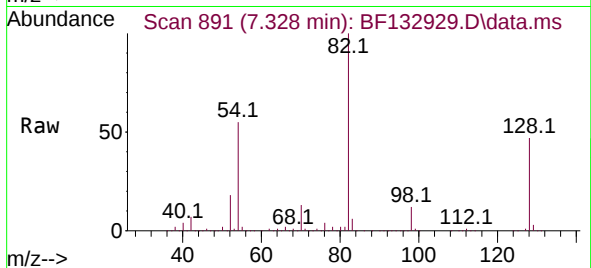
Acq: 20 Apr 2023 00:17

Instrument :

BNA_F

ClientSampleId :

SPC-2WC-23-04-17



Tgt Ion: 82 Resp: 1340769

Ion Ratio Lower Upper

82 100

128 46.7 35.7 53.5

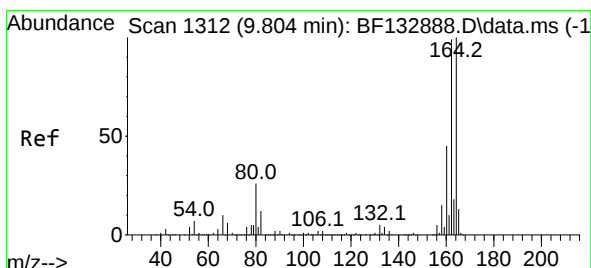
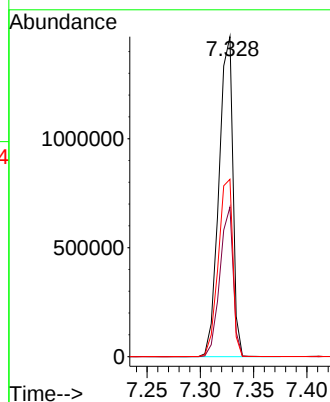
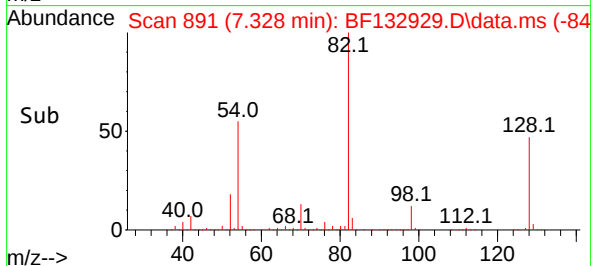
54 55.4 44.7 67.1

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

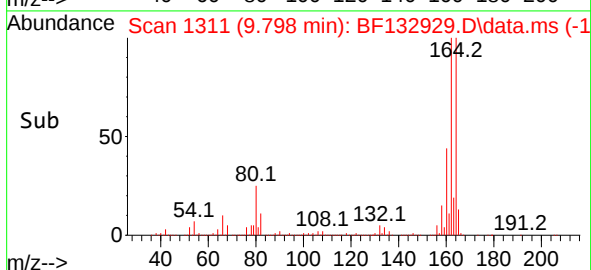
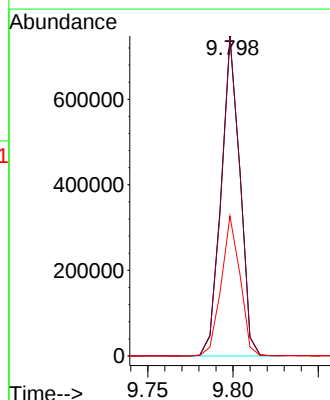
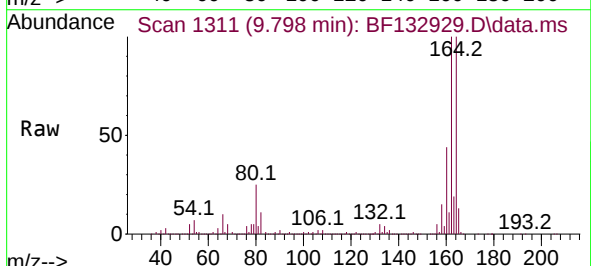
Tgt Ion:164 Resp: 568659

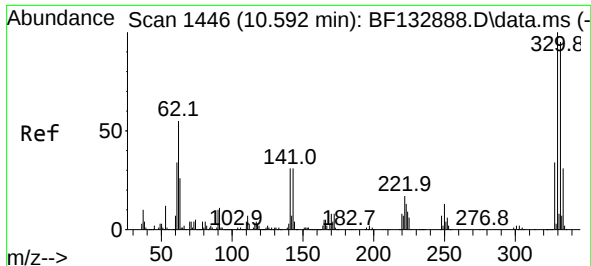
Ion Ratio Lower Upper

164 100

162 99.6 79.1 118.7

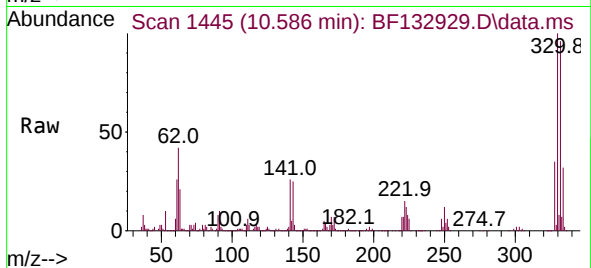
160 43.7 35.6 53.4





#42
2,4,6-Tribromophenol
Concen: 95.708 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

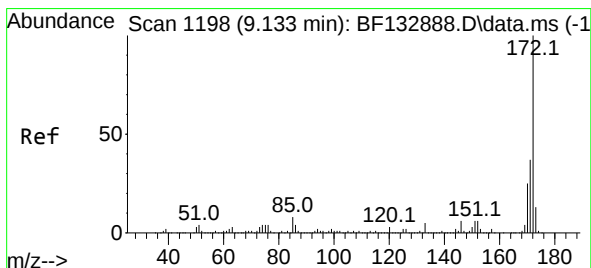
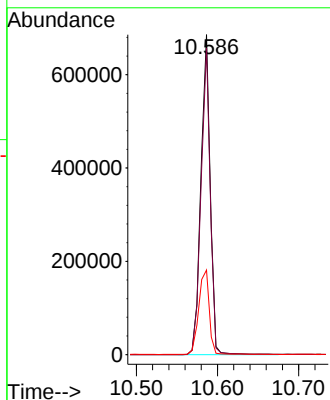
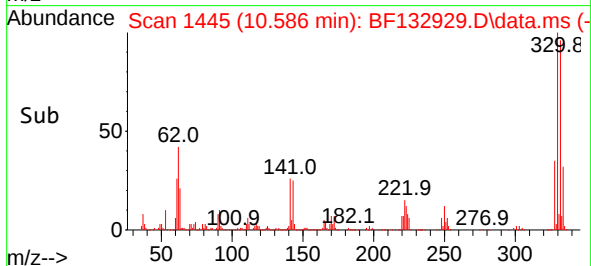
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17



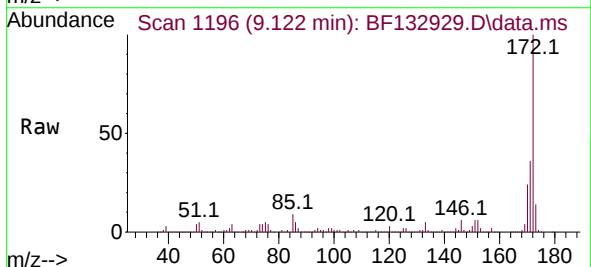
Tgt Ion: 330 Resp: 545888
Ion Ratio Lower Upper
330 100
332 95.1 76.3 114.5
141 29.8 23.9 35.9

Manual Integrations
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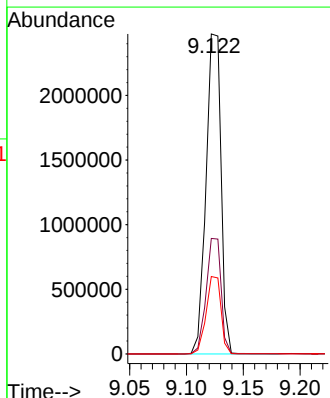
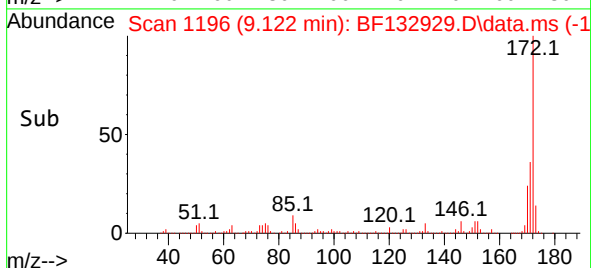
Reviewed By : Christian Giraldo 04/20/2023
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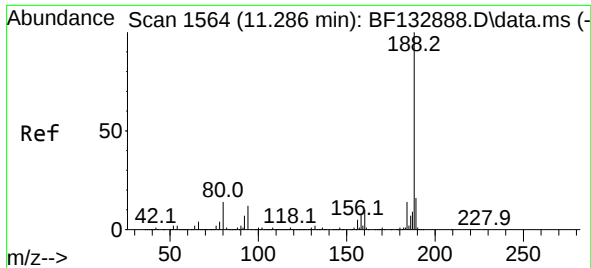


#45
2-Fluorobiphenyl
Concen: 61.739 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17



Tgt Ion: 172 Resp: 2285392
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.2 20.1 30.1





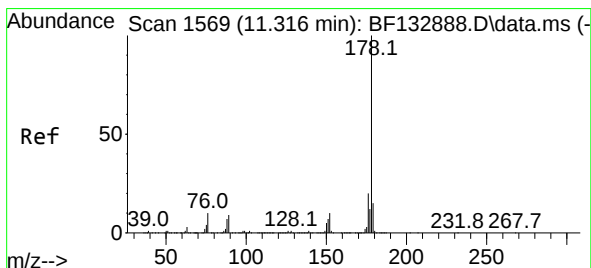
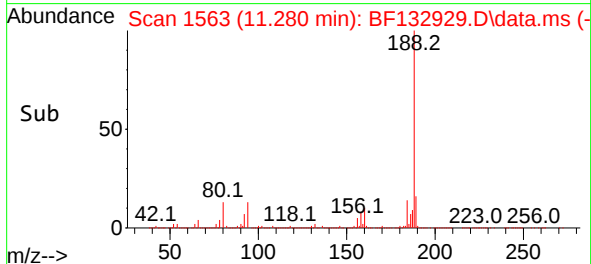
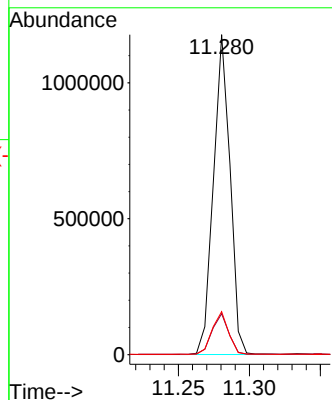
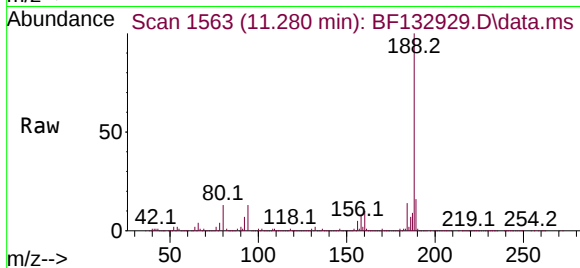
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17

Tgt Ion:188 Resp: 959512
Ion Ratio Lower Upper
188 100
94 12.8 9.9 14.9
80 13.4 10.8 16.2

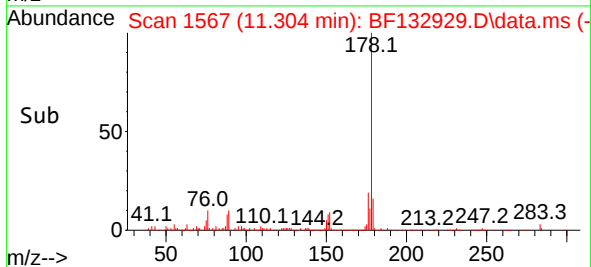
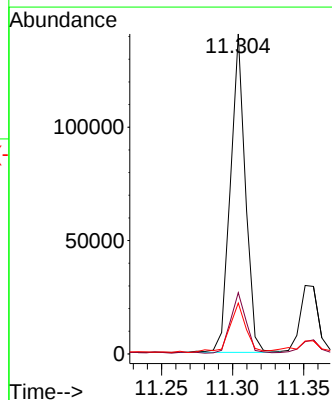
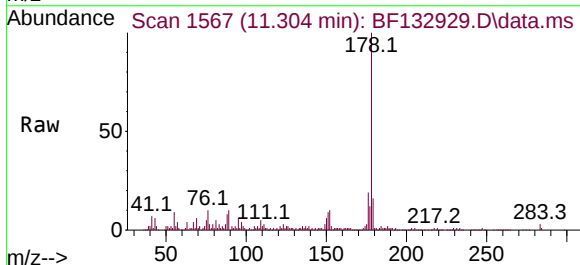
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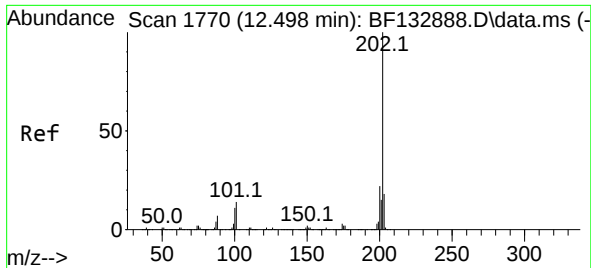
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#71
Phenanthrene
Concen: 2.004 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

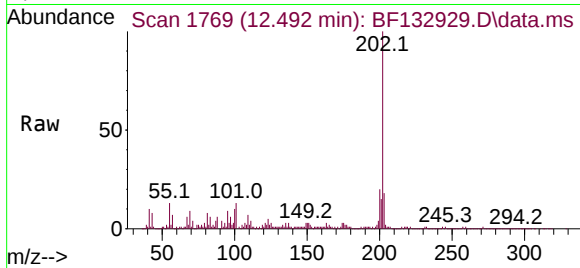
Tgt Ion:178 Resp: 103447
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.9 12.3 18.5





#75
Fluoranthene
Concen: 4.115 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

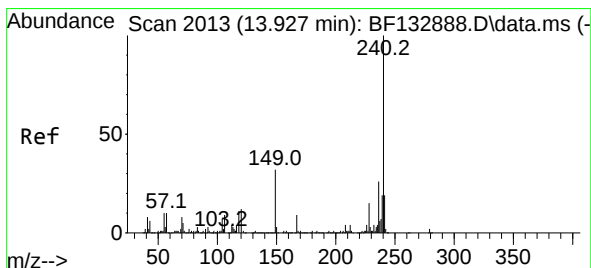
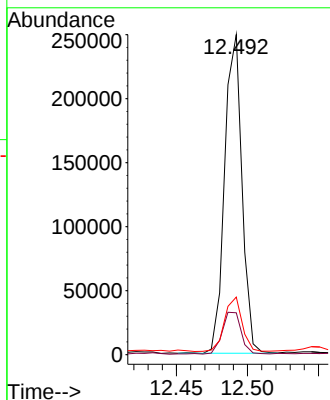
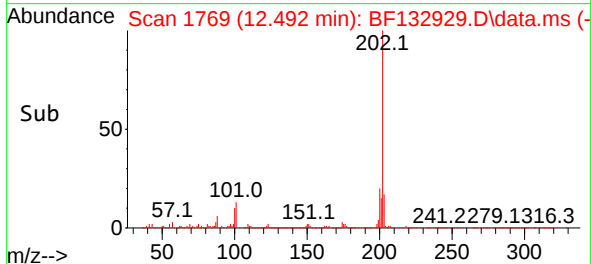
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17



Tgt Ion:202 Resp: 211190
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.5
203 18.0 0.0 38.2

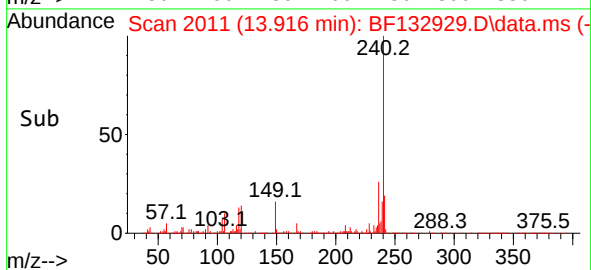
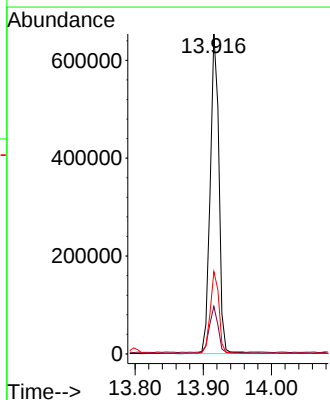
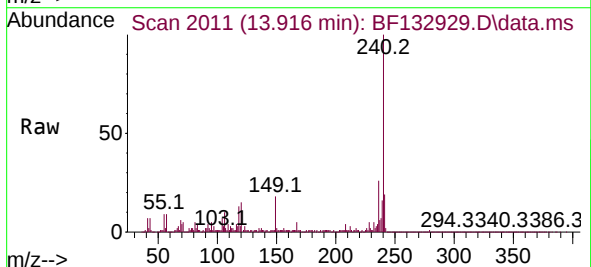
Manual Integrations
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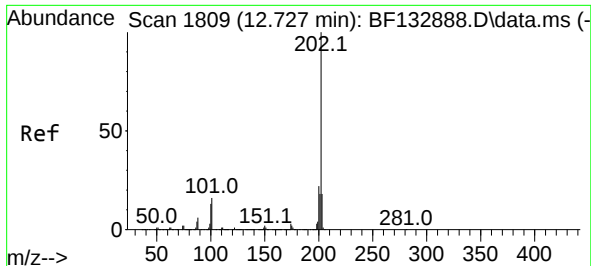
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

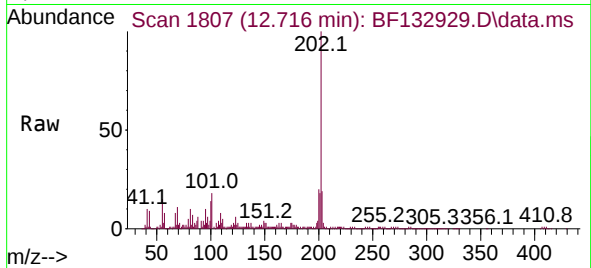
Tgt Ion:240 Resp: 582454
Ion Ratio Lower Upper
240 100
120 14.8 10.0 15.0
236 25.7 20.8 31.2





#78
Pyrene
Concen: 4.253 ng
RT: 12.716 min Scan# 1809
Delta R.T. -0.012 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

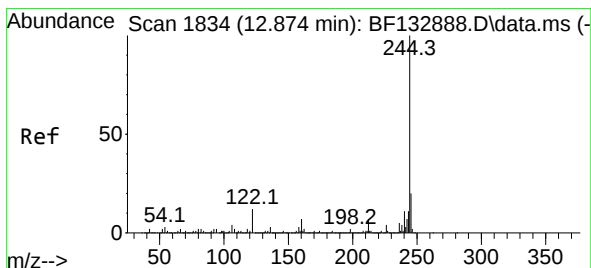
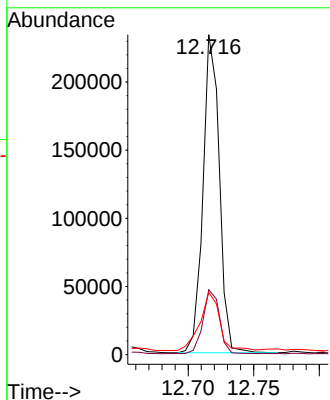
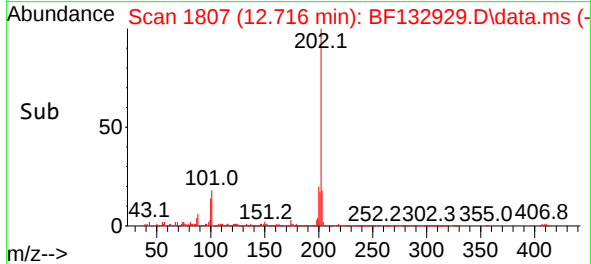
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17



Tgt Ion:202 Resp: 202578
Ion Ratio Lower Upper
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203 19.4 14.6 22.0

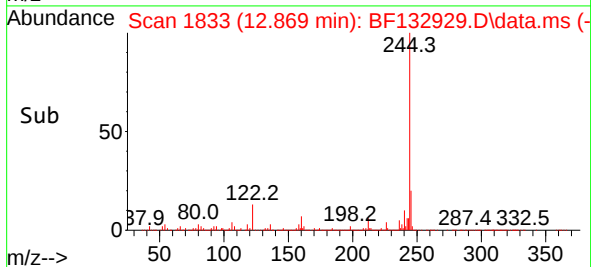
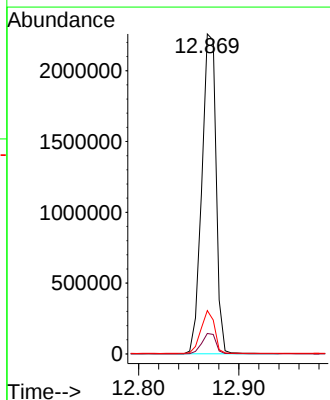
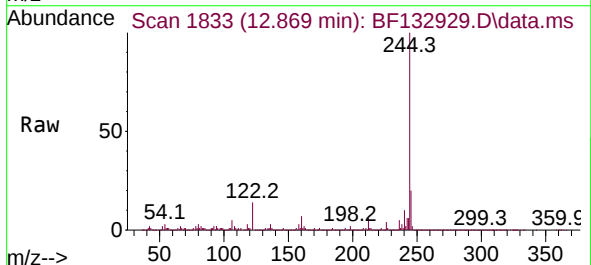
Manual Integrations
APPROVED

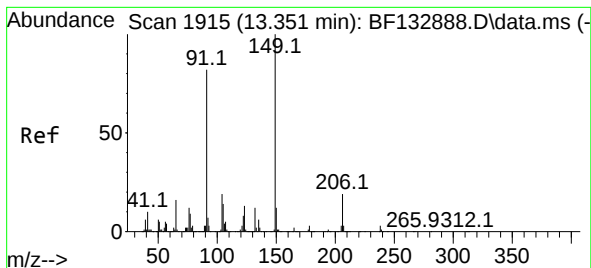
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#79
Terphenyl-d14
Concen: 65.203 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

Tgt Ion:244 Resp: 2226045
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 13.5 9.6 14.4





#80

Butylbenzylphthalate

Concen: 6.581 ng

RT: 13.345 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

Instrument :

BNA_F

ClientSampleId :

SPC-2WC-23-04-17

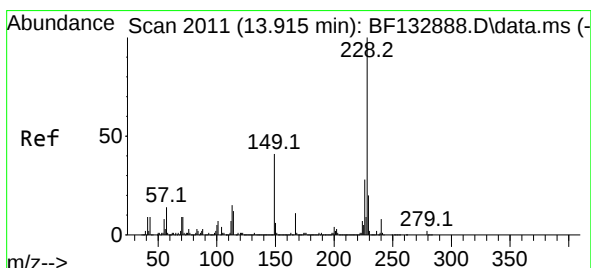
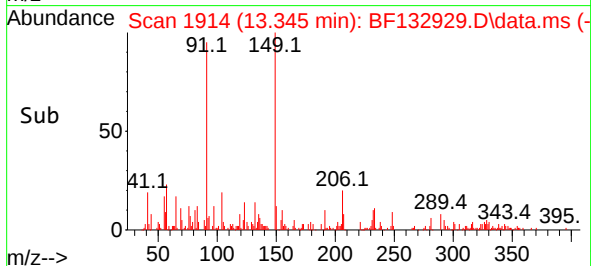
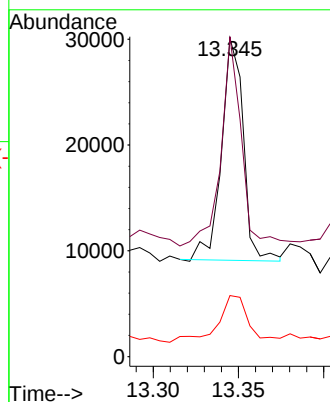
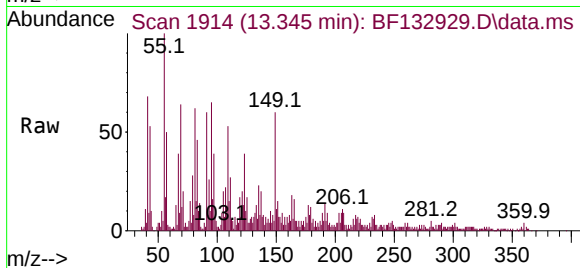
Tgt Ion:	149	Resp:	1862
Ion Ratio	Lower	Upper	
149	100		
91	100.5	65.4	98.0
206	19.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#81

Benzo(a)anthracene

Concen: 2.496 ng

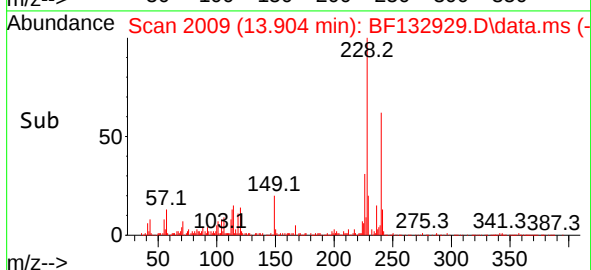
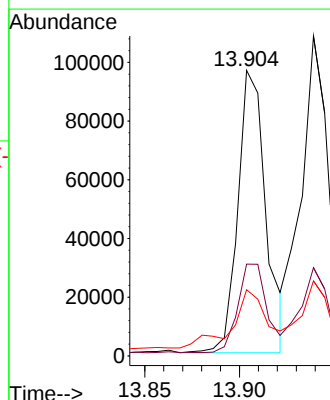
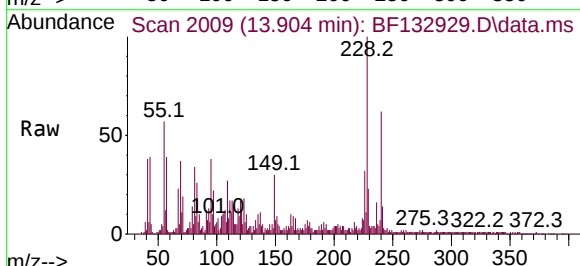
RT: 13.904 min Scan# 2009

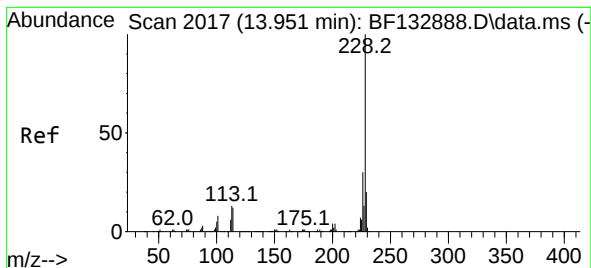
Delta R.T. -0.012 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

Tgt Ion:	228	Resp:	98853
Ion Ratio	Lower	Upper	
228	100		
226	32.2	22.4	33.6
229	23.2	16.2	24.2





#83

Chrysene

Concen: 2.728 ng

RT: 13.939 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

Instrument :

BNA_F

ClientSampleId :

SPC-2WC-23-04-17

Tgt Ion:228 Resp: 107416

Ion Ratio Lower Upper

228 100

226 27.6 24.3 36.5

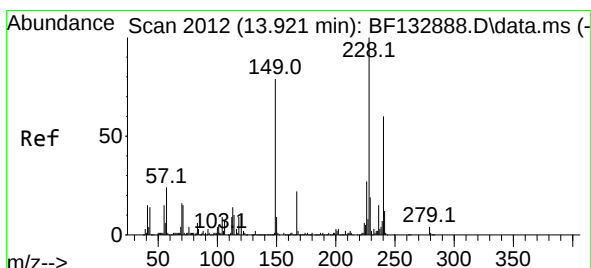
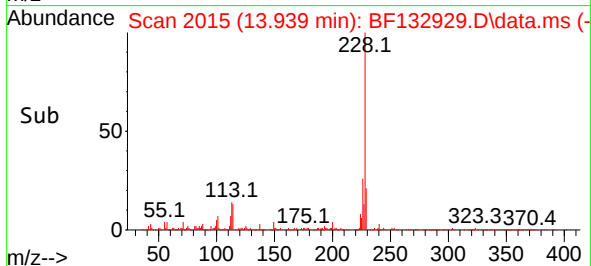
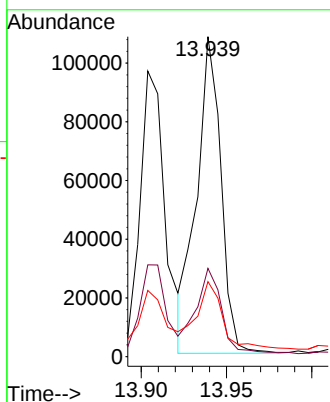
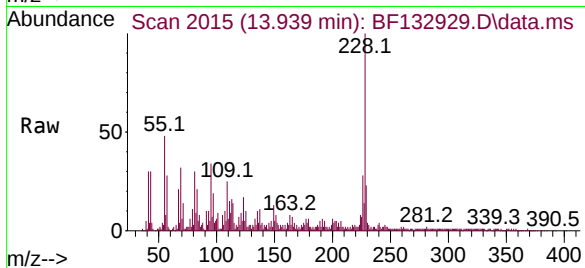
229 23.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.185 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.005 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

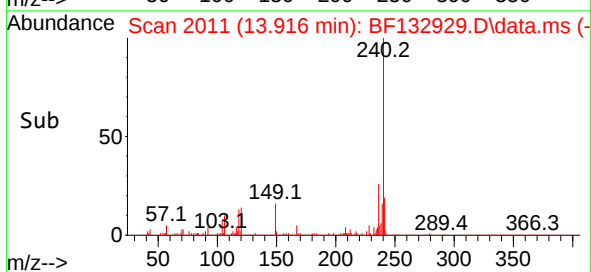
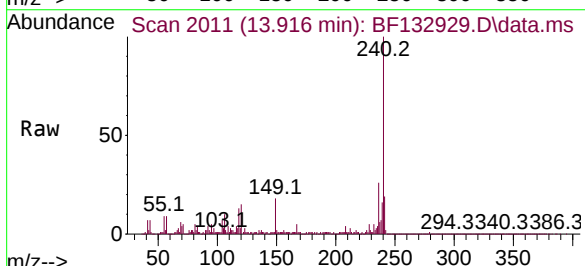
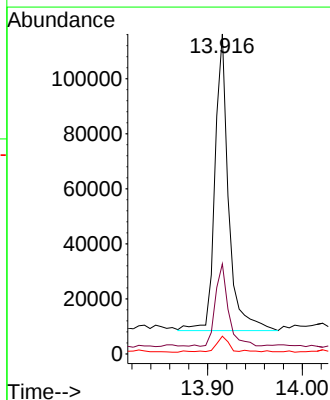
Tgt Ion:149 Resp: 108237

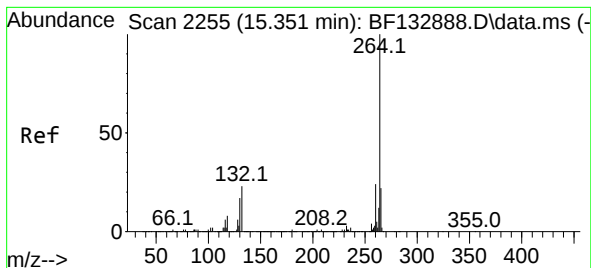
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

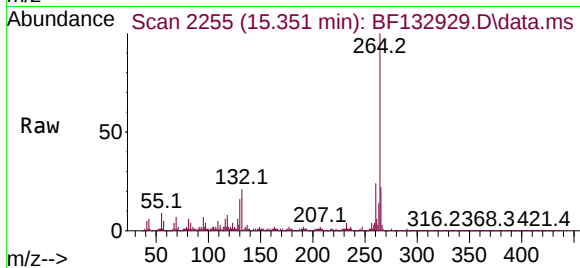
279 5.5 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

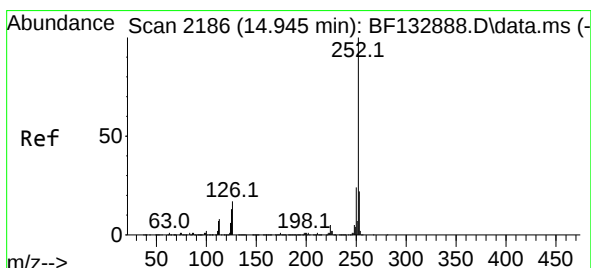
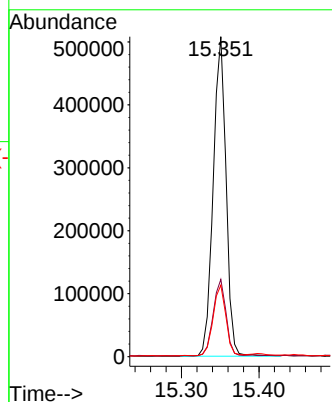
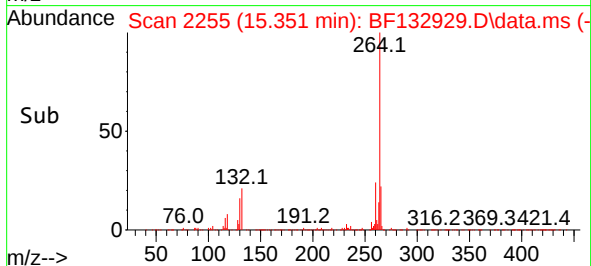
Instrument :
BNA_F
ClientSampleId :
SPC-2WC-23-04-17



Tgt Ion:264 Resp: 58592
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.3 17.7 26.5

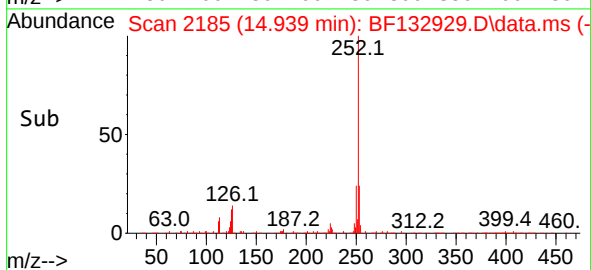
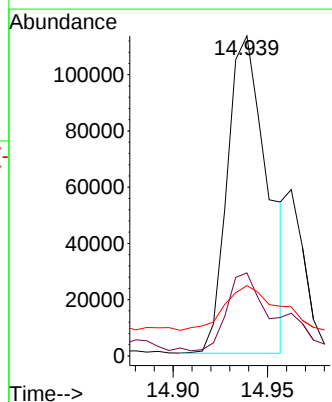
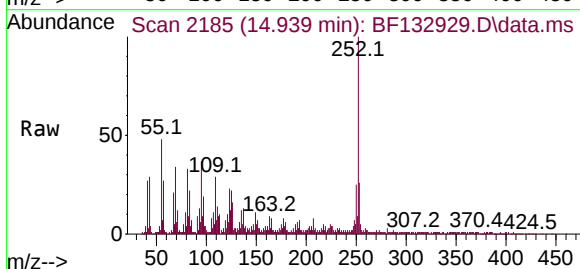
Manual Integrations
APPROVED

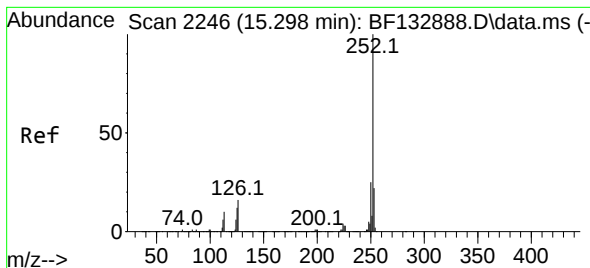
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#88
Benzo(b)fluoranthene
Concen: 4.577 ng m
RT: 14.939 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BF132929.D
Acq: 20 Apr 2023 00:17

Tgt Ion:252 Resp: 167058
Ion Ratio Lower Upper
252 100
253 26.0 17.9 26.9
125 22.0 10.0 15.0#





#90

Benzo(a)pyrene

Concen: 2.903 ng

RT: 15.286 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

Instrument :

BNA_F

ClientSampleId :

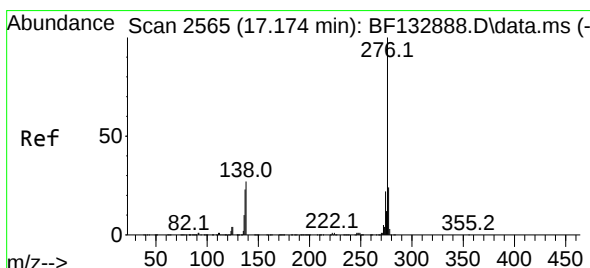
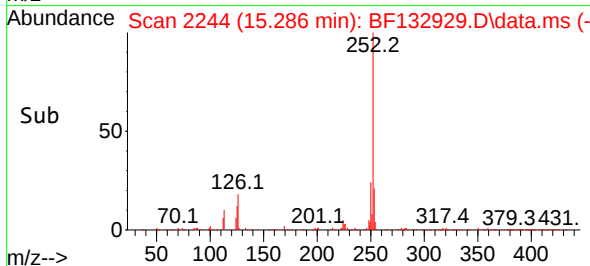
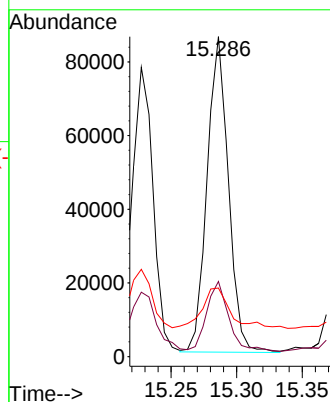
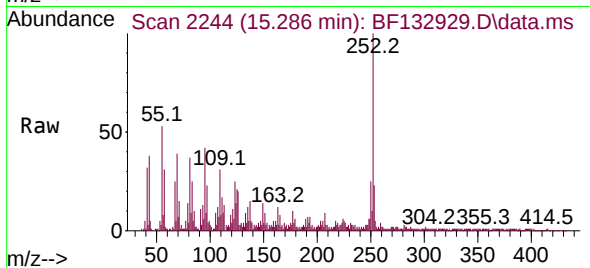
SPC-2WC-23-04-17

Tgt Ion:	252	Resp:	9681
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	21.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#92

Benzo(g,h,i)perylene

Concen: 2.298 ng

RT: 17.157 min Scan# 2562

Delta R.T. -0.018 min

Lab File: BF132929.D

Acq: 20 Apr 2023 00:17

Tgt Ion:	276	Resp:	62758
Ion Ratio	Lower	Upper	
276	100		
277	25.9	18.9	28.3
138	31.8	21.7	32.5

