

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128917.D
 Acq On : 22 Jun 2022 00:48
 Operator : CG\JU
 Sample : N3390-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-2-061722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 04:00:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	114325	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	399577	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	184287	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	291357	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	226602	20.000	ng	# 0.00
86) Perylene-d12	15.363	264	163162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	49857	6.946	ng	0.00
7) Phenol-d6	6.416	99	63504	7.248	ng	0.00
23) Nitrobenzene-d5	7.316	82	44458	5.180	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	10323	4.741	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	78222	5.946	ng	0.00
79) Terphenyl-d14	12.863	244	71236	5.463	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.298	178	59196	4.051	ng	96
75) Fluoranthene	12.492	202	84306	5.519	ng	94
78) Pyrene	12.722	202	81833	4.854	ng	97
81) Benzo(a)anthracene	13.910	228	42966m	3.042	ng	
83) Chrysene	13.945	228	39887	2.962	ng	95
87) Indeno(1,2,3-cd)pyrene	16.780	276	22013	2.238	ng	# 87
88) Benzo(b)fluoranthene	14.945	252	50376m	4.832	ng	
90) Benzo(a)pyrene	15.304	252	32806	4.003	ng	# 92
92) Benzo(g,h,i)perylene	17.210	276	23953	2.963	ng	# 92

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

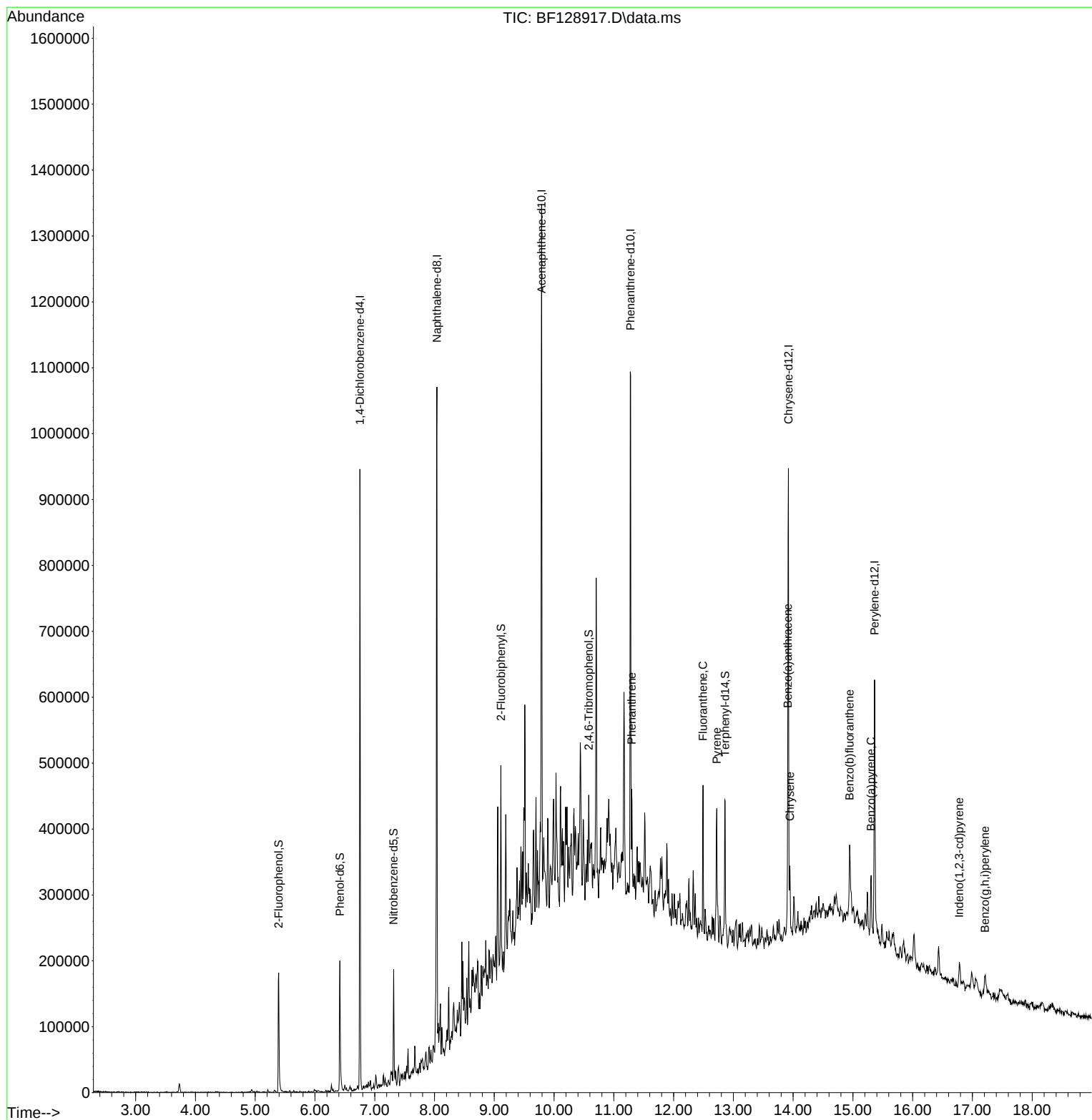
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128917.D
Acq On : 22 Jun 2022 00:48
Operator : CG\JU
Sample : N3390-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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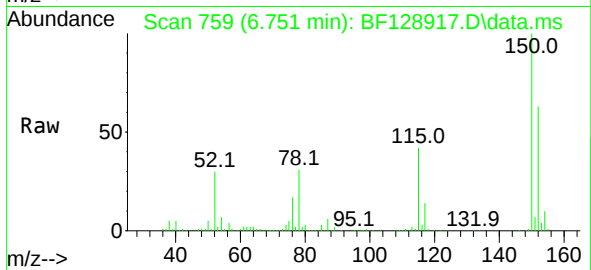
Quant Time: Jun 22 04:00:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:02:29 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

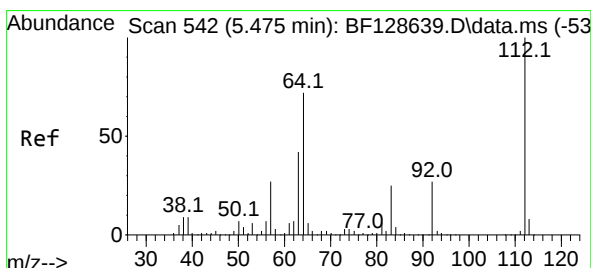
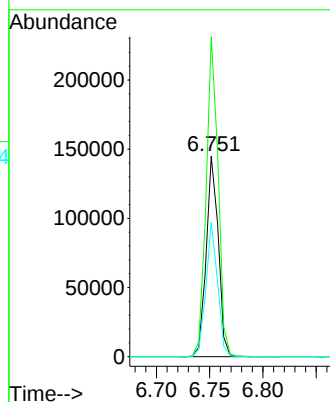
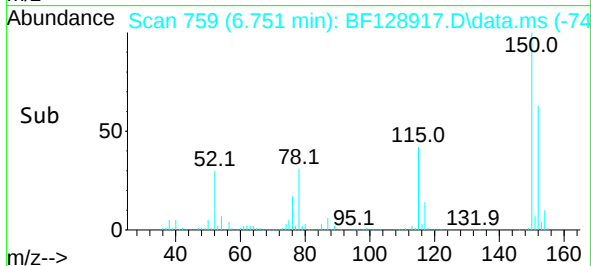
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



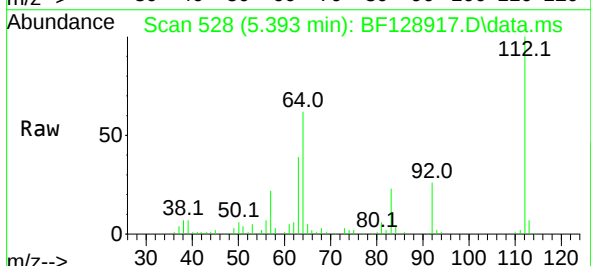
Tgt Ion:152 Resp: 11432
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 67.2 49.9 74.9

Manual Integrations
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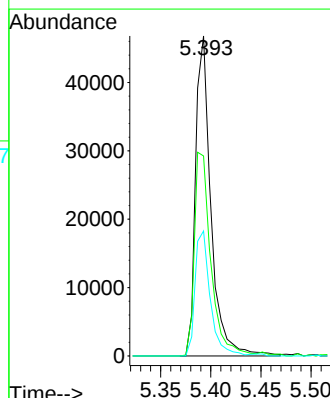
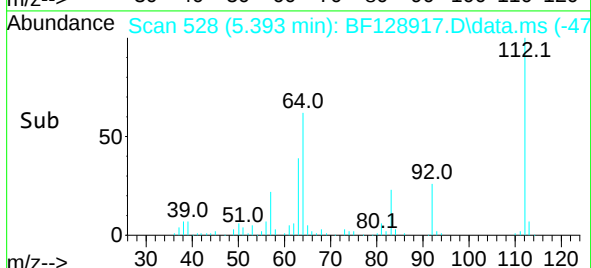
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

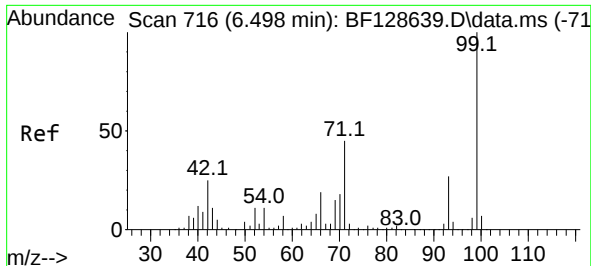


#5
2-Fluorophenol
Concen: 6.946 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48



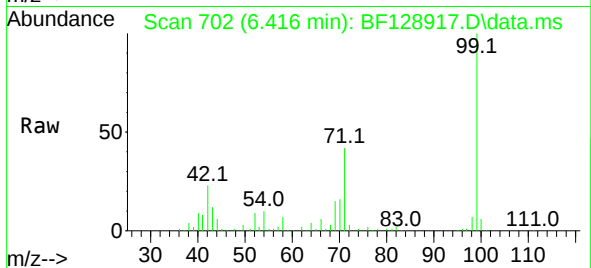
Tgt Ion:112 Resp: 49857
Ion Ratio Lower Upper
112 100
64 62.5 53.3 79.9
63 39.0 28.0 42.0





#7
Phenol-d6
Concen: 7.248 ng
RT: 6.416 min Scan# 702
Delta R.T. 0.000 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

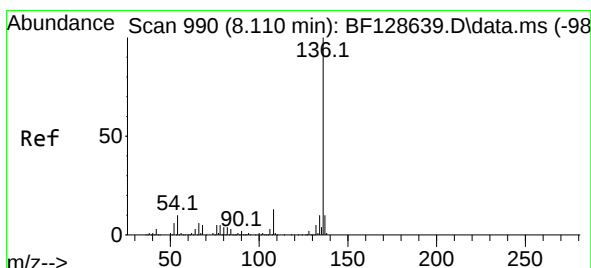
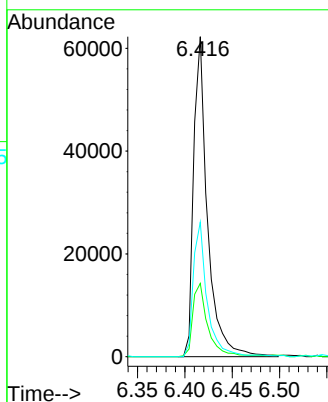
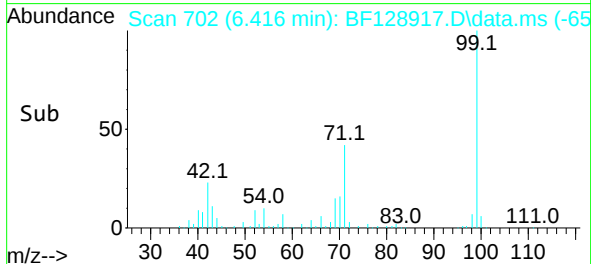
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



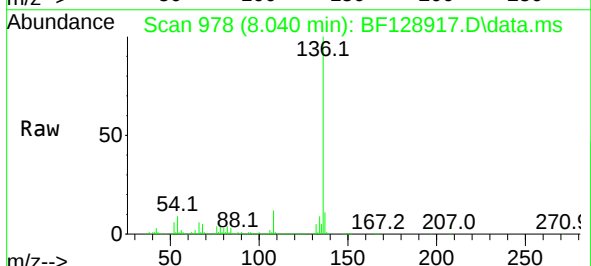
Tgt Ion: 99 Resp: 63504
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 42.0 28.9 43.3

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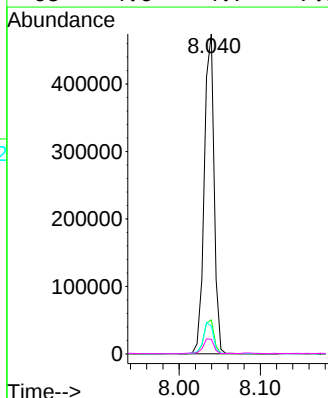
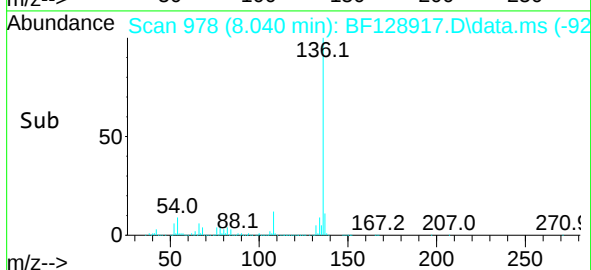
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48



Tgt Ion:136 Resp: 399577
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 5.180 ng

RT: 7.316 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF128917.D

Acq: 22 Jun 2022 00:48

Instrument :

BNA_F

ClientSampleId :

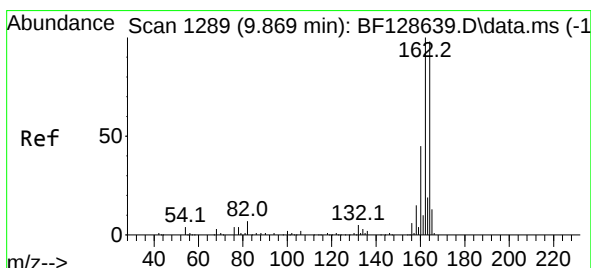
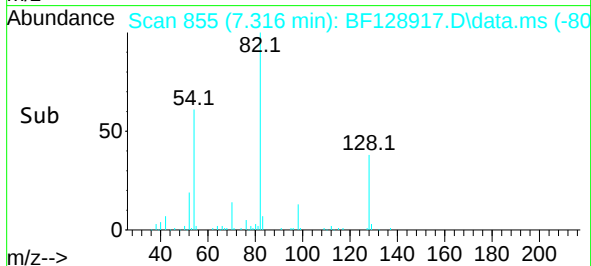
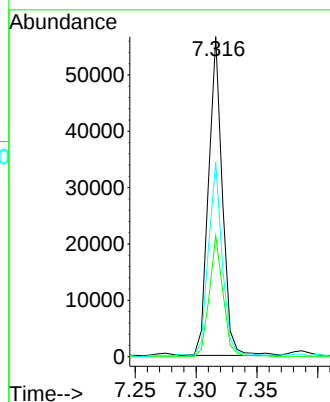
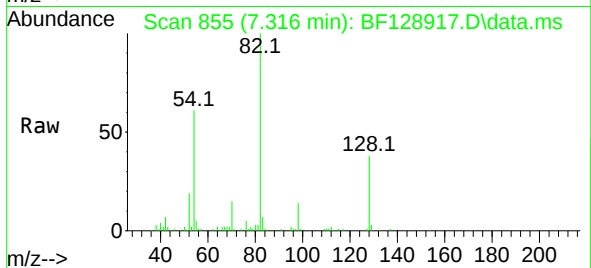
PT-2-061722

Tgt Ion: 82 Resp: 44458

Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.0	51.0
54	60.7	46.9	70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1276

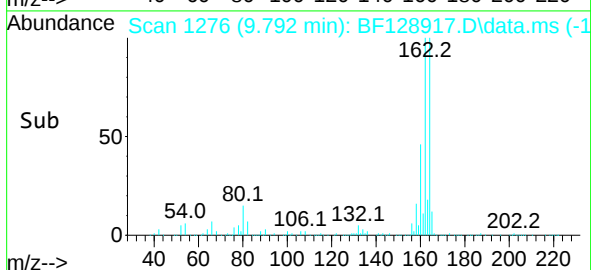
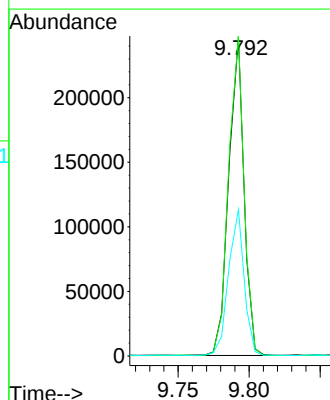
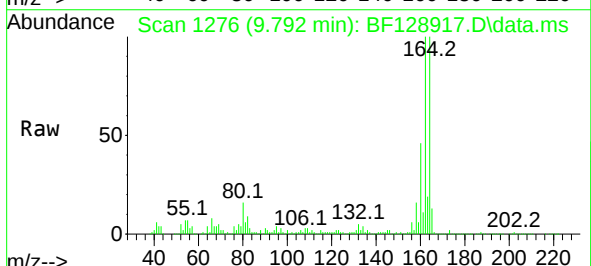
Delta R.T. 0.000 min

Lab File: BF128917.D

Acq: 22 Jun 2022 00:48

Tgt Ion:164 Resp: 184287

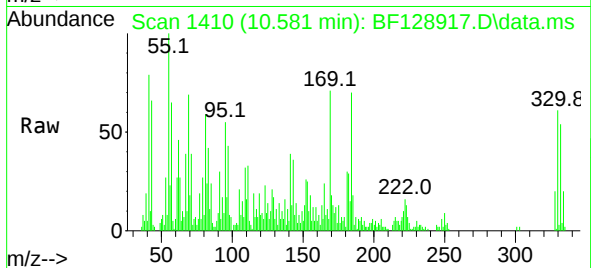
Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.5	119.3
160	45.9	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 4.741 ng
RT: 10.581 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

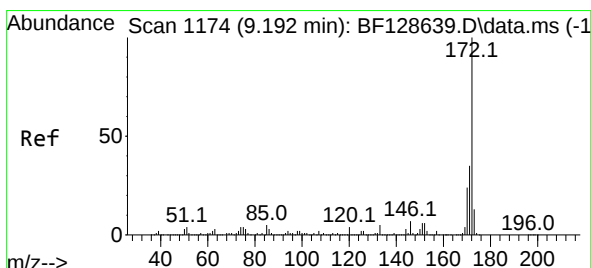
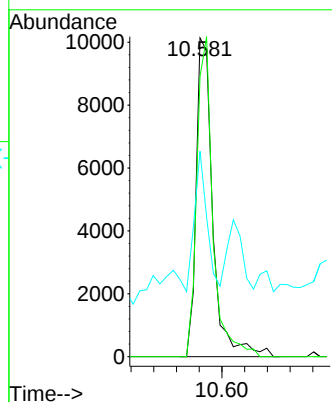
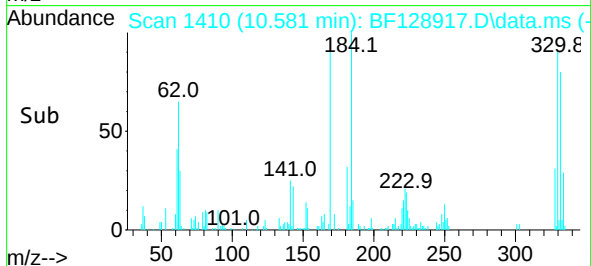
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



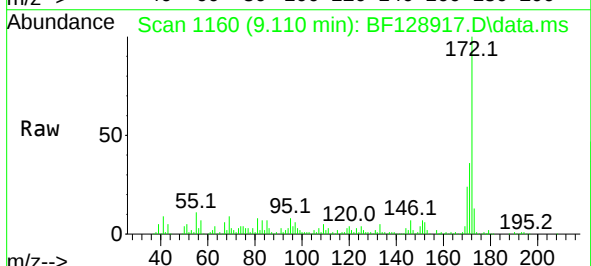
Tgt Ion: 330 Resp: 10320
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 58.9 28.0 42.0

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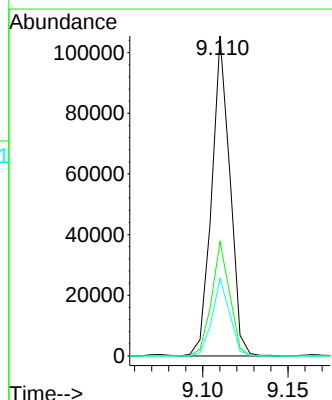
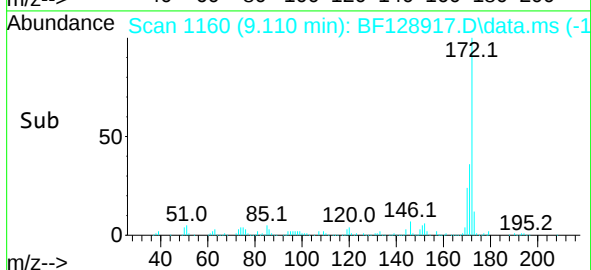
Reviewed By : Christian Giraldo 06/22/2022
Supervised By : Jagrut Upadhyay 06/22/2022

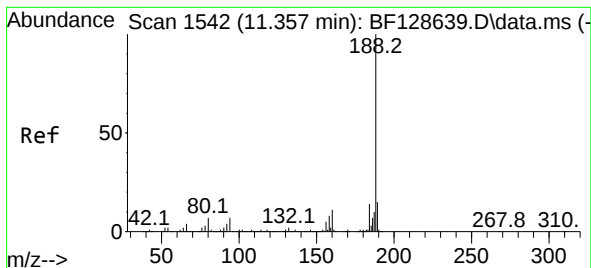


#45
2-Fluorobiphenyl
Concen: 5.946 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48



Tgt Ion: 172 Resp: 78222
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.2 19.8 29.8





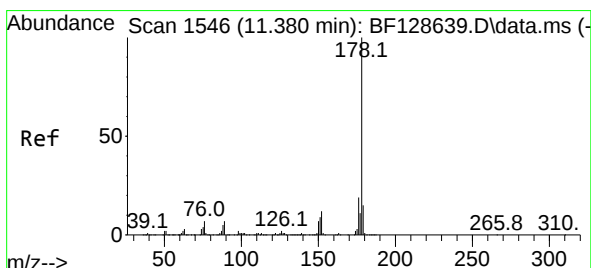
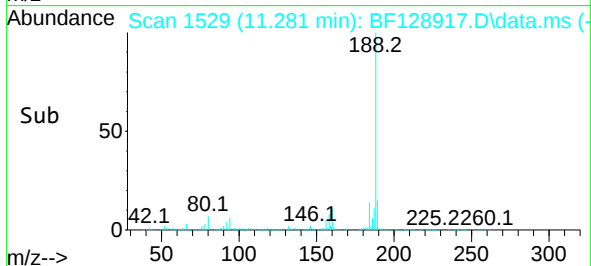
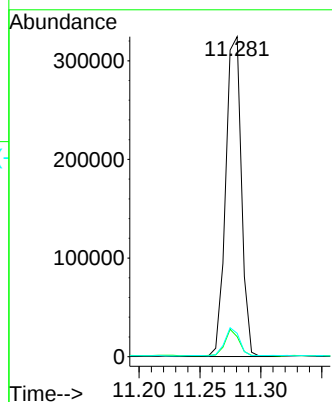
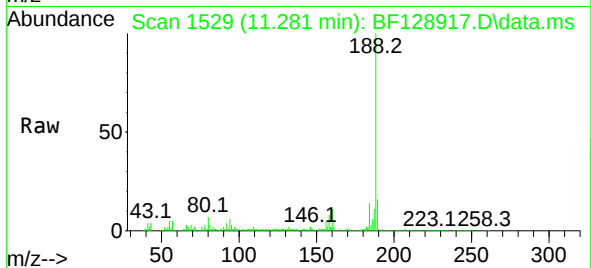
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

Instrument :
BNA_F
ClientSampleId :
PT-2-061722

Tgt Ion:188 Resp: 29135
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6
80 7.3 7.6 11.4

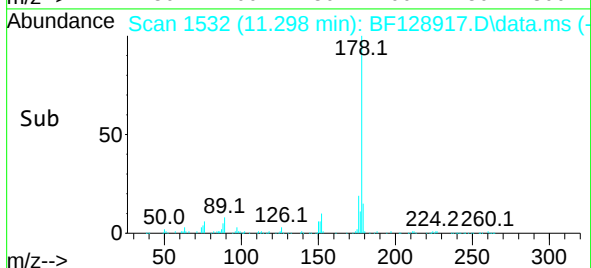
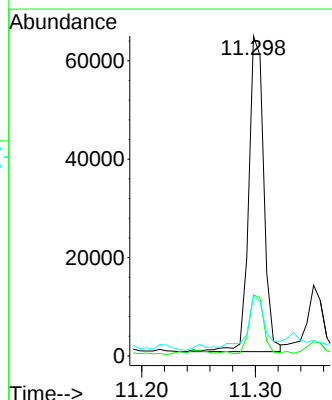
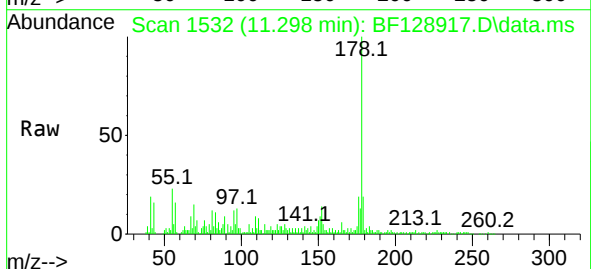
Manual Integrations
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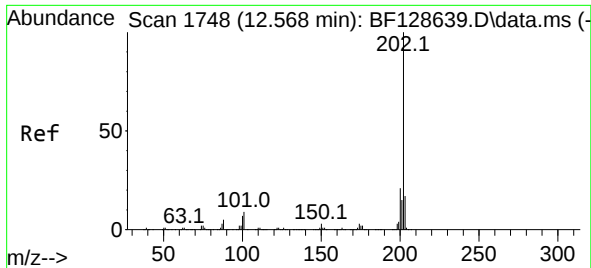
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#71
Phenanthrene
Concen: 4.051 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

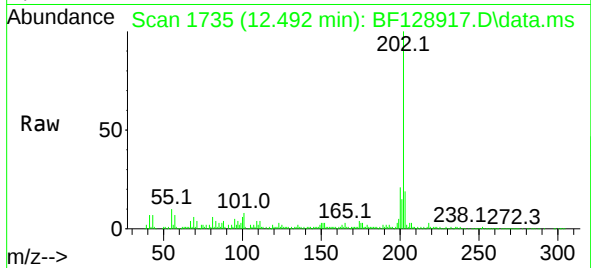
Tgt Ion:178 Resp: 59196
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 18.8 12.6 19.0





#75
Fluoranthene
Concen: 5.519 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

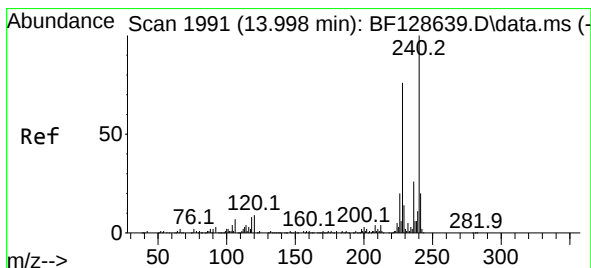
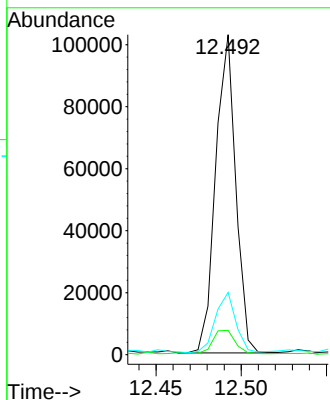
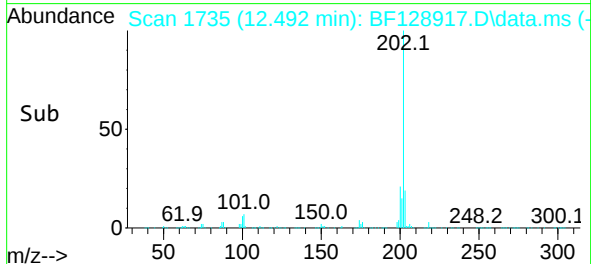
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



Tgt Ion:202 Resp: 84300
Ion Ratio Lower Upper
202 100
101 7.6 0.0 31.4
203 19.4 0.0 38.0

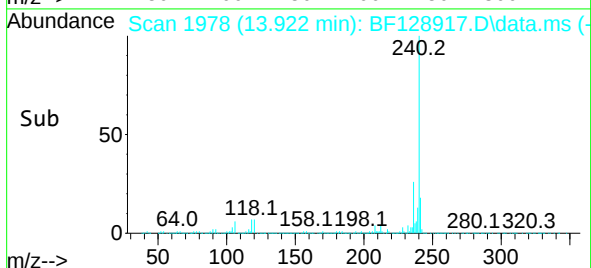
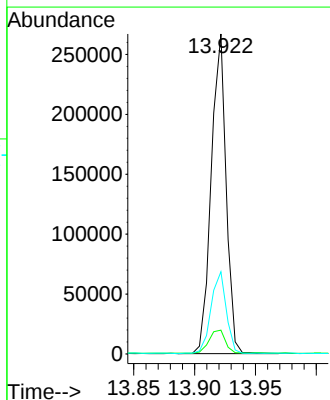
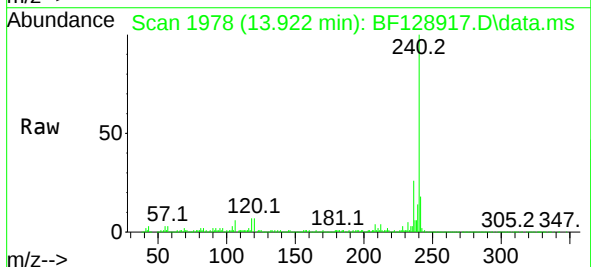
Manual Integrations
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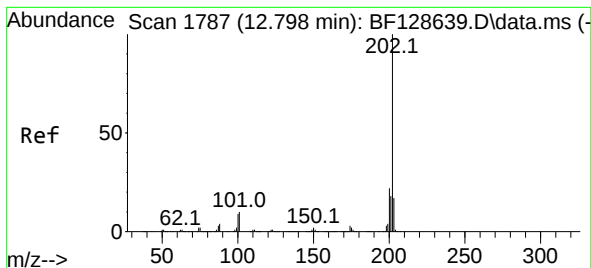
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

Tgt Ion:240 Resp: 226602
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 25.7 20.8 31.2





#78

Pyrene

Concen: 4.854 ng

RT: 12.722 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF128917.D

Acq: 22 Jun 2022 00:48

Instrument :

BNA_F

ClientSampleId :

PT-2-061722

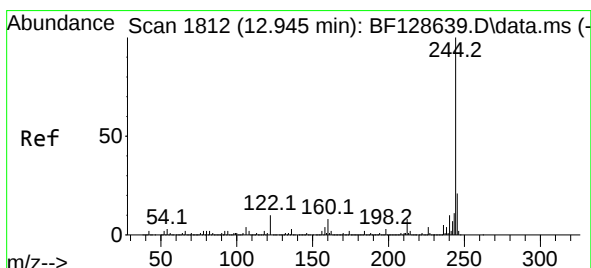
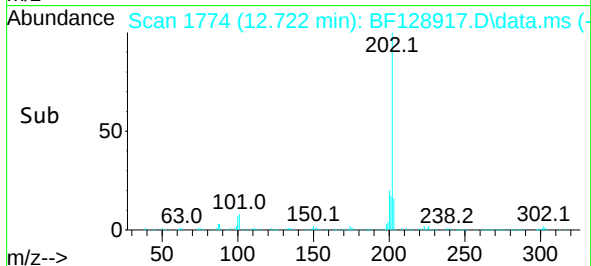
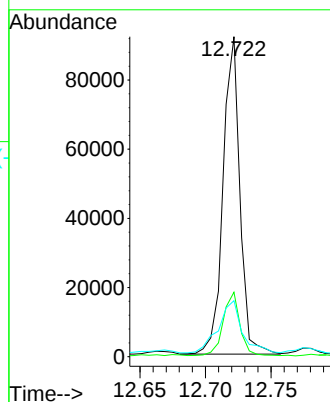
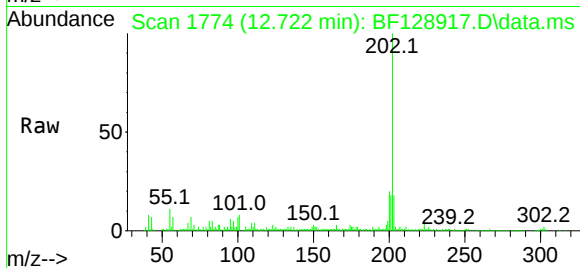
Tgt Ion:	202	Resp:	8183
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.7	26.5
203	17.5	14.6	21.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#79

Terphenyl-d14

Concen: 5.463 ng

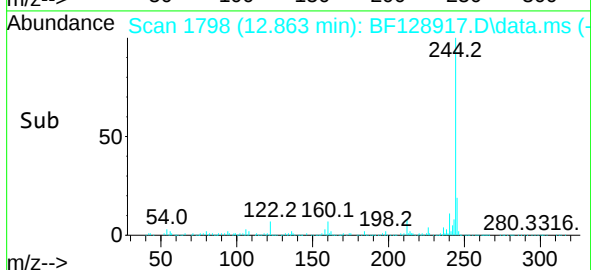
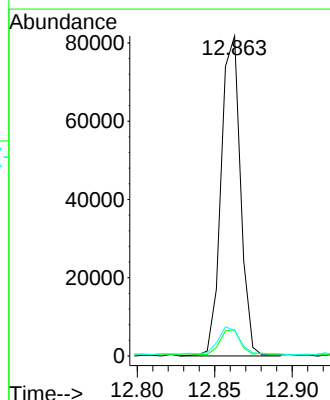
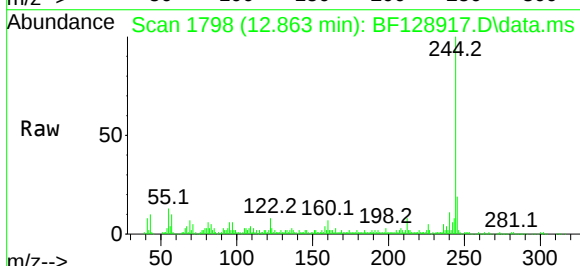
RT: 12.863 min Scan# 1798

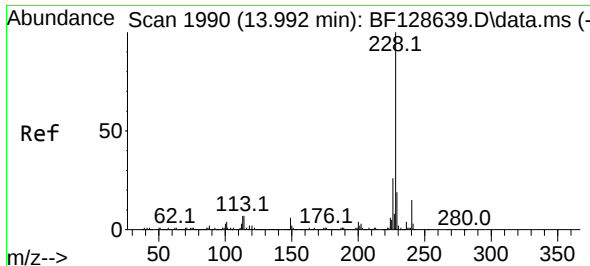
Delta R.T. -0.006 min

Lab File: BF128917.D

Acq: 22 Jun 2022 00:48

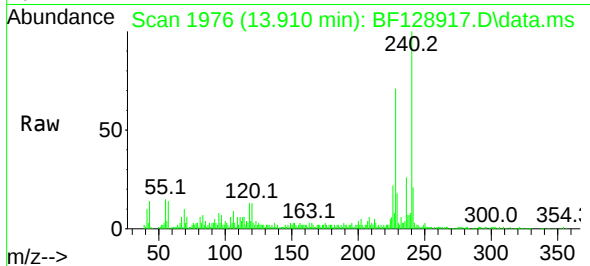
Tgt Ion:	244	Resp:	71236
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.1	9.1
122	8.0	8.8	13.2





#81
Benzo(a)anthracene
Concen: 3.042 ng m
RT: 13.910 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

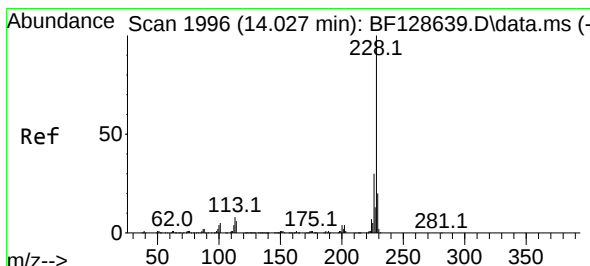
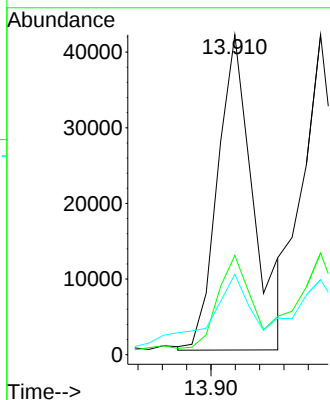
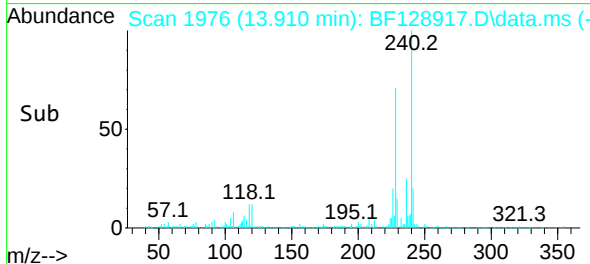
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



Tgt Ion:228 Resp: 42960
Ion Ratio Lower Upper
228 100
226 31.0 22.1 33.1
229 25.1 15.8 23.8

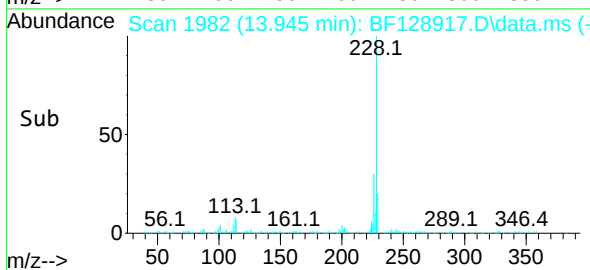
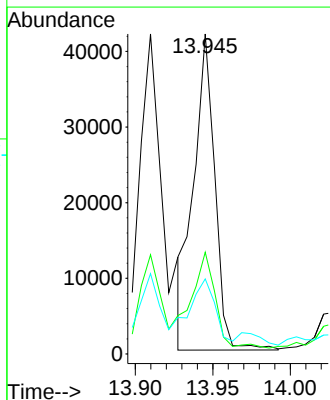
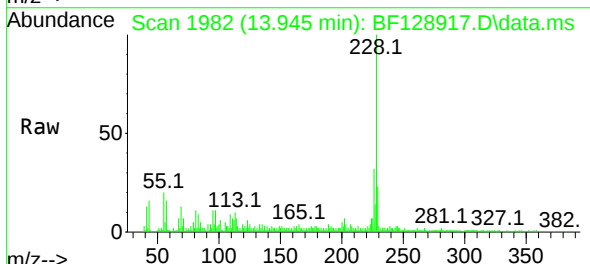
Manual Integrations
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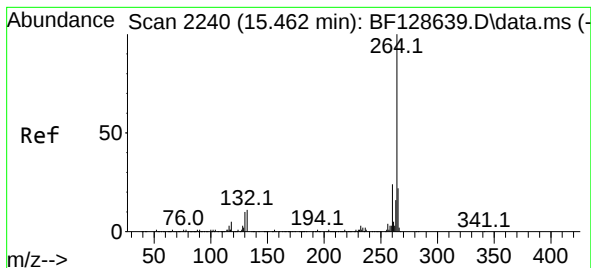
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#83
Chrysene
Concen: 2.962 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

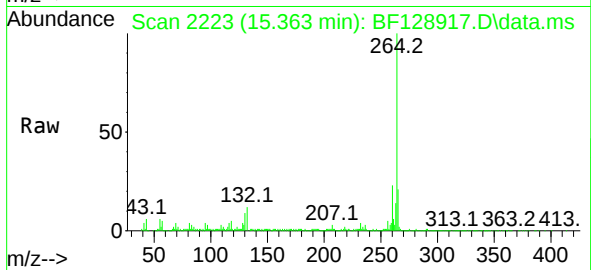
Tgt Ion:228 Resp: 39887
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 23.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.363 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

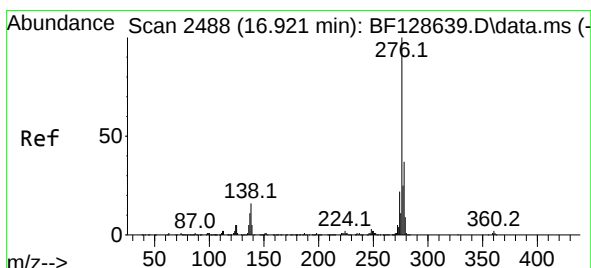
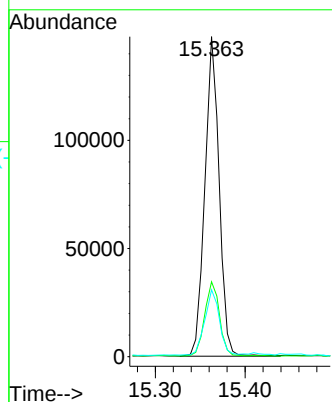
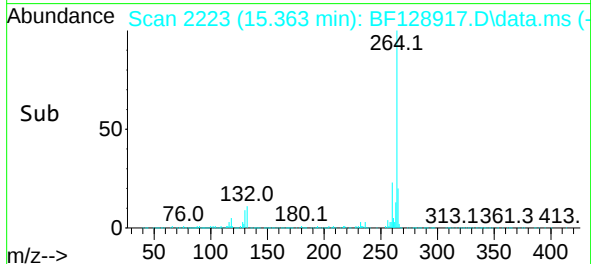
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



Tgt Ion:264 Resp: 16316
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 20.9 17.2 25.8

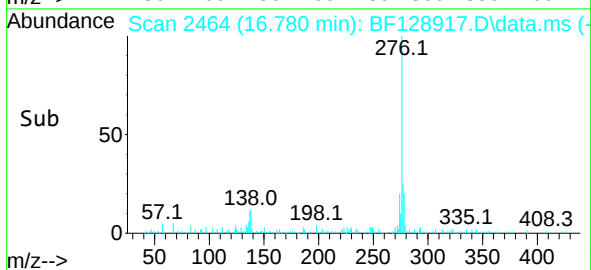
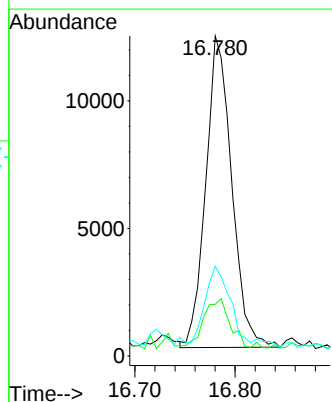
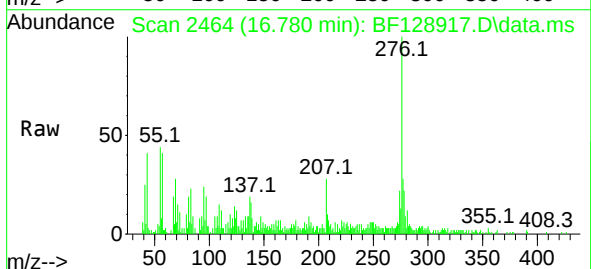
Manual Integrations
APPROVED

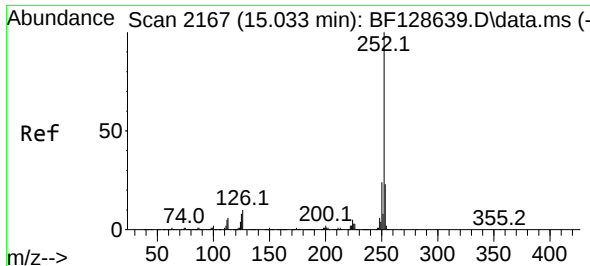
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.238 ng
RT: 16.780 min Scan# 2464
Delta R.T. -0.012 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

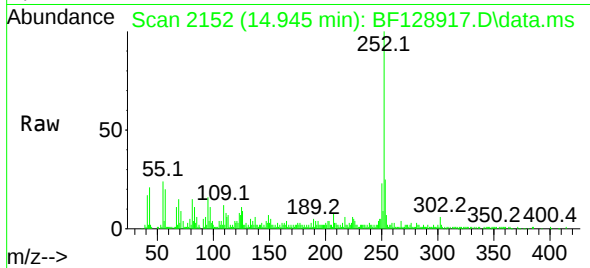
Tgt Ion:276 Resp: 22013
Ion Ratio Lower Upper
276 100
138 15.5 21.1 31.7#
277 22.9 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 4.832 ng m
RT: 14.945 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

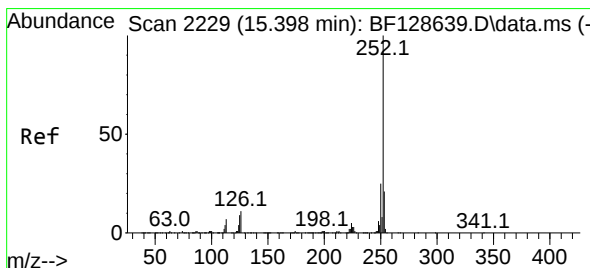
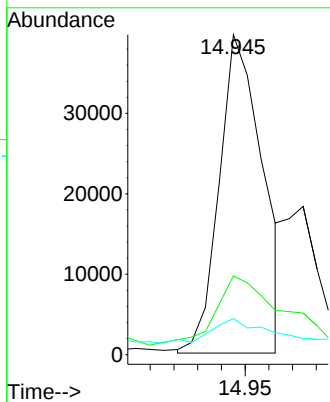
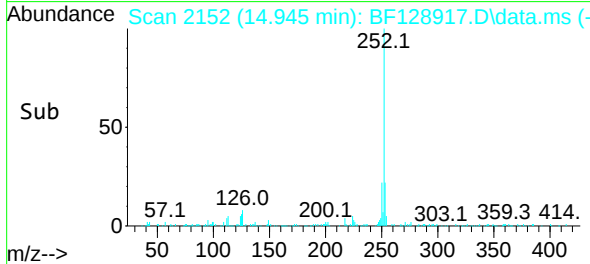
Instrument :
BNA_F
ClientSampleId :
PT-2-061722



Tgt Ion:252 Resp: 50370
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 11.3 8.0 12.0

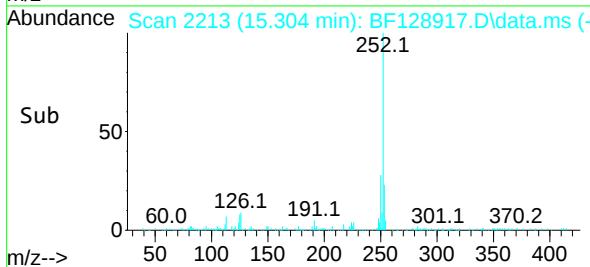
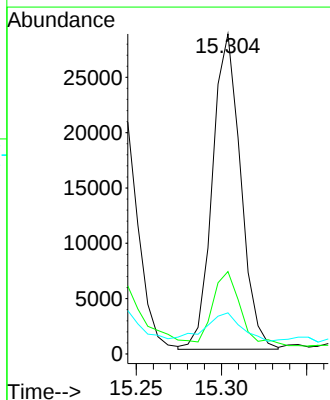
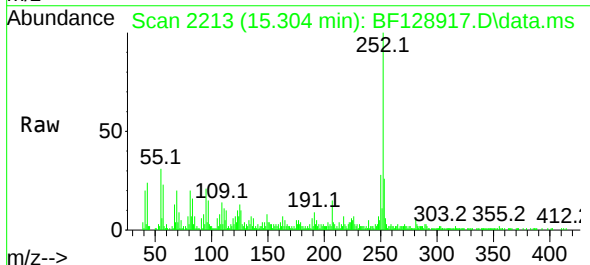
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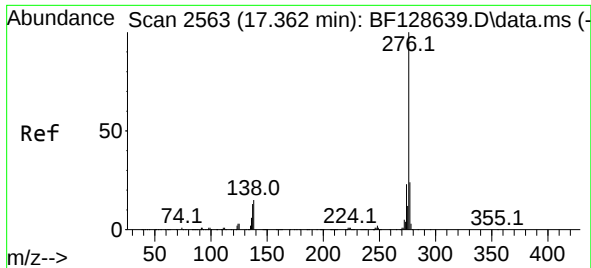
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#90
Benzo(a)pyrene
Concen: 4.003 ng
RT: 15.304 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

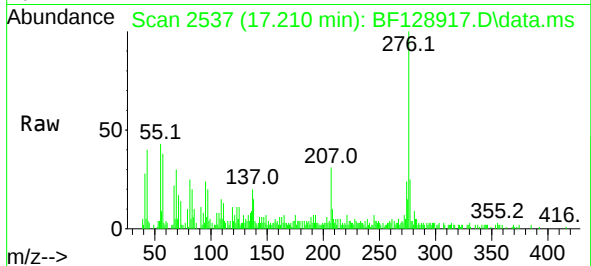
Tgt Ion:252 Resp: 32806
Ion Ratio Lower Upper
252 100
253 25.8 17.0 25.6#
125 12.8 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 2.963 ng
RT: 17.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128917.D
Acq: 22 Jun 2022 00:48

Instrument :
BNA_F
ClientSampleId :
PT-2-061722



Tgt Ion: 276 Resp: 2395
Ion Ratio Lower Upper
276 100
277 24.5 19.1 28.7
138 15.3 18.0 27.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 06/22/2022
Supervised By : Jagrut Upadhyay 06/22/2022

