

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128773.D
 Acq On : 10 Jun 2022 22:13
 Operator : CG\JU
 Sample : N3296-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-060922

Quant Time: Jun 11 01:28:40 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 08 14:28:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/13/2022
 Supervised By :Jagrut Upadhyay 06/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	59195	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	194925	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	89507	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	172617	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	146848	20.000	ng	-0.01
86) Perylene-d12	15.445	264	97740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	378372	101.813	ng	-0.01
7) Phenol-d6	6.463	99	441463	97.315	ng	-0.02
23) Nitrobenzene-d5	7.369	82	299309	71.491	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	101143	95.637	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	453408	70.959	ng	-0.01
79) Terphenyl-d14	12.921	244	526403	62.289	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.351	178	23509	2.715	ng	98
75) Fluoranthene	12.545	202	31096	3.436	ng	98
78) Pyrene	12.774	202	46731	4.277	ng	98
83) Chrysene	14.004	228	21662	2.482	ng	# 89
88) Benzo(b)fluoranthene	15.015	252	13974m	2.237	ng	

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

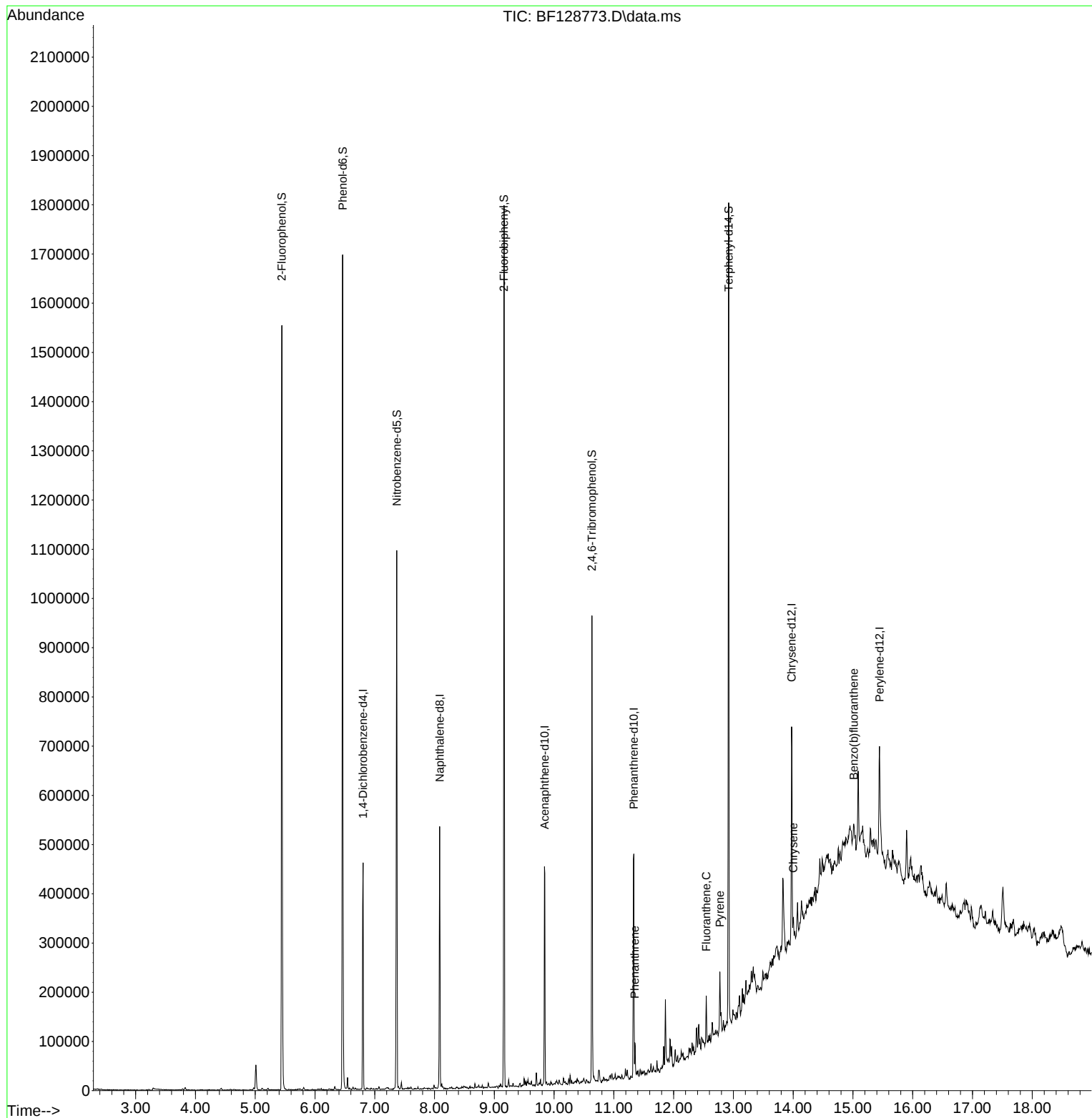
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128773.D
Acq On : 10 Jun 2022 22:13
Operator : CG\JU
Sample : N3296-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

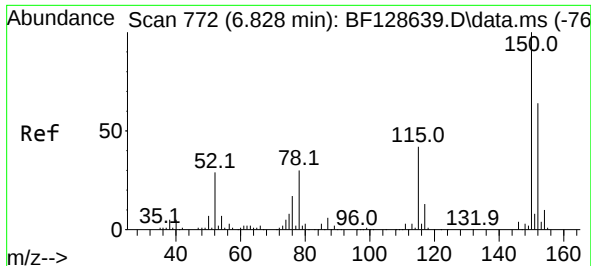
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Quant Time: Jun 11 01:28:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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Manual Integrations
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

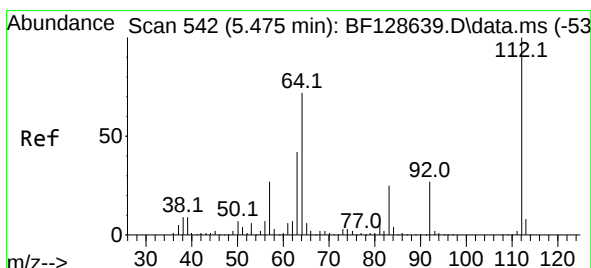
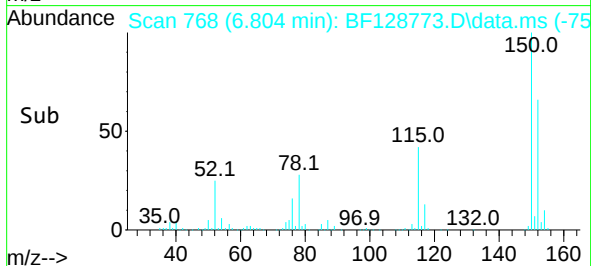
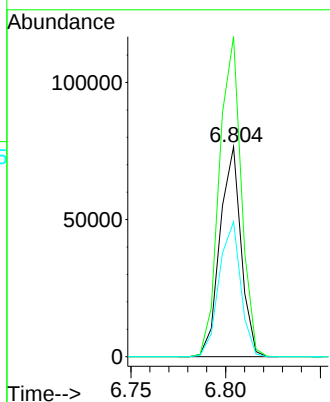
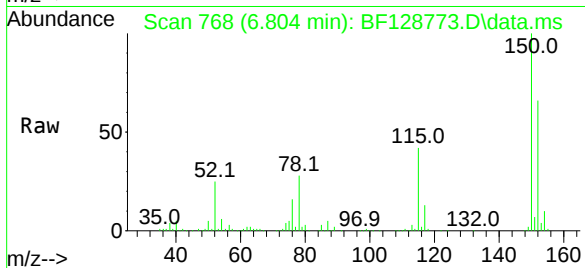
OK-03-060922

Tgt Ion:152 Resp: 5919
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 64.3 49.9 74.9

Manual Integrations

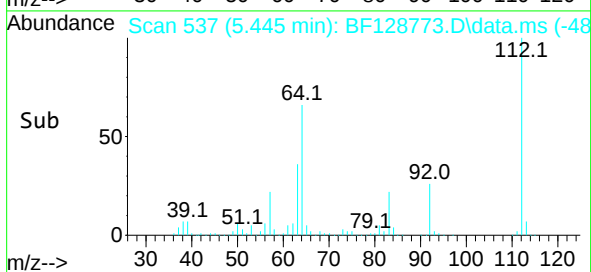
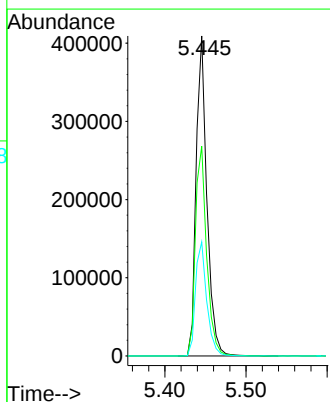
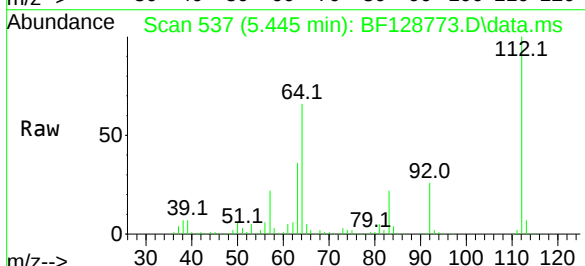
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Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#5
2-Fluorophenol
Concen: 101.813 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

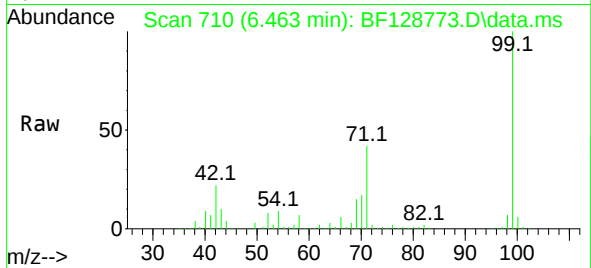
Tgt Ion:112 Resp: 378372
Ion Ratio Lower Upper
112 100
64 65.5 53.3 79.9
63 35.7 28.0 42.0





#7
Phenol-d6
Concen: 97.315 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

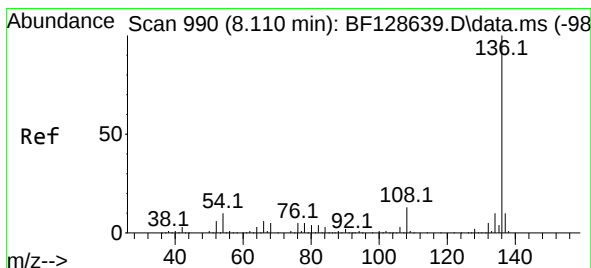
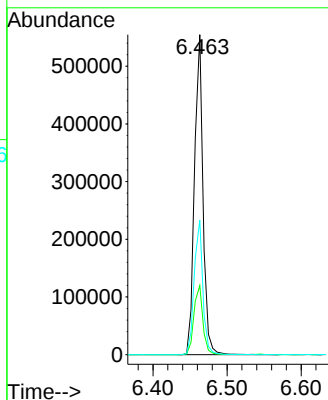
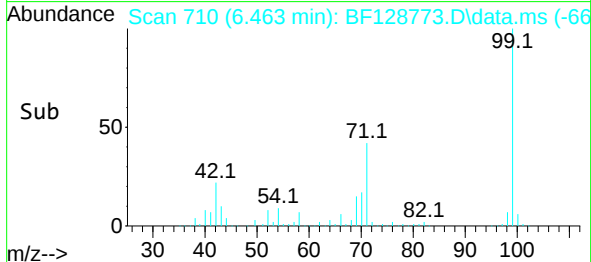
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



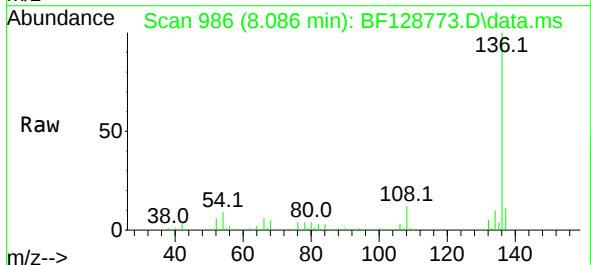
Tgt Ion: 99 Resp: 44146
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 42.1 28.9 43.3

Manual Integrations
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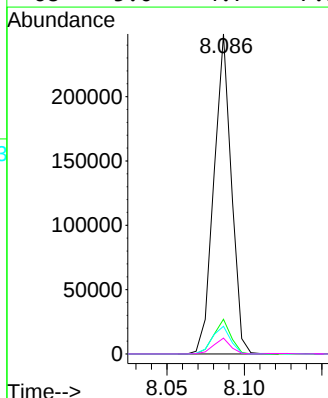
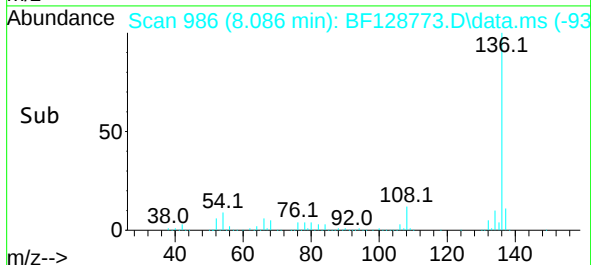
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

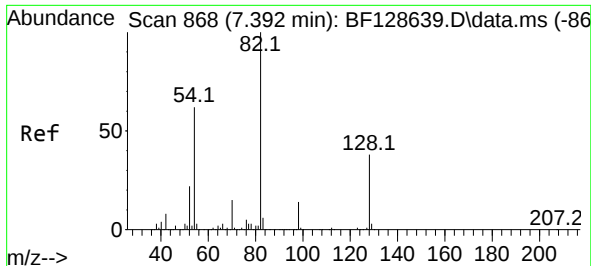


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13



Tgt Ion:136 Resp: 194925
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.7 7.5 11.3
68 5.0 4.7 7.1





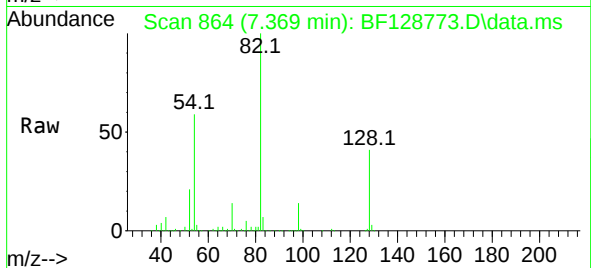
#23
Nitrobenzene-d5
Concen: 71.491 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

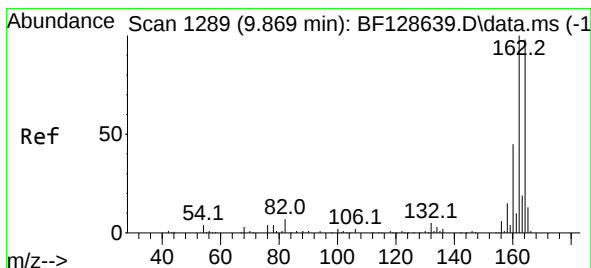
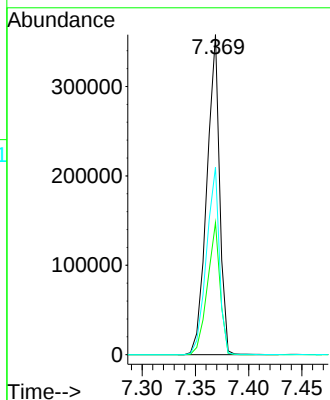
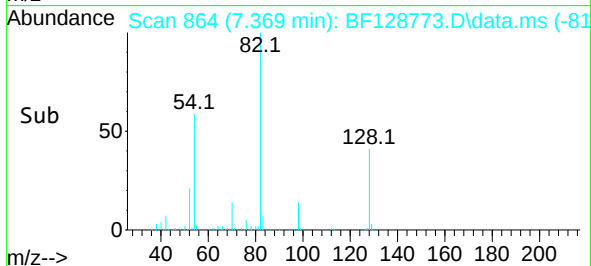
OK-03-060922



Tgt Ion: 82 Resp: 299309
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 58.6 46.9 70.3

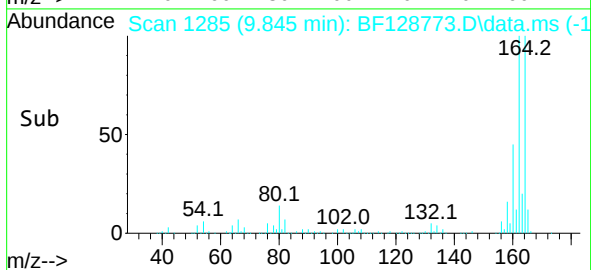
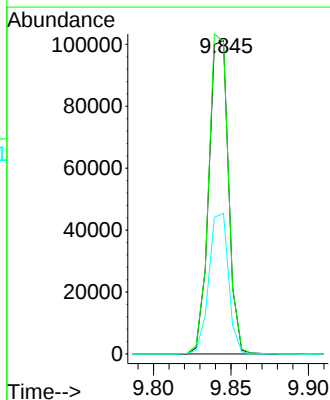
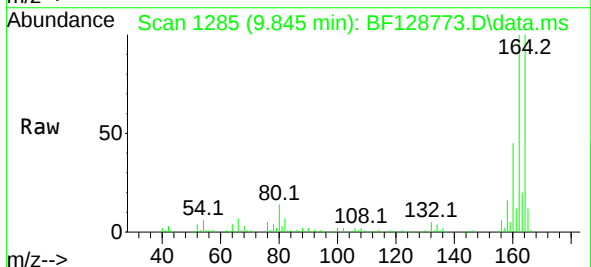
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

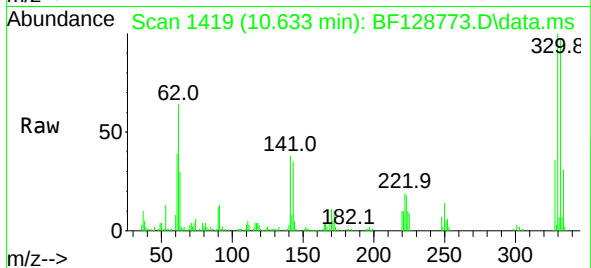
Tgt Ion:164 Resp: 89507
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.9 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 95.637 ng
RT: 10.633 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

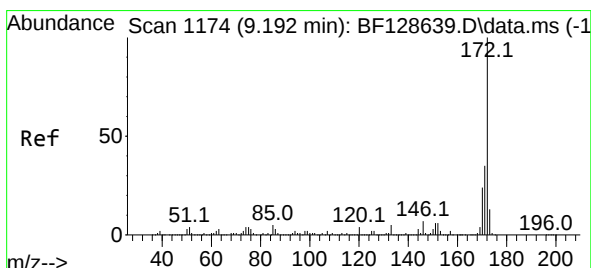
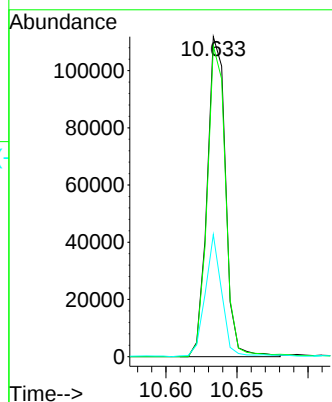
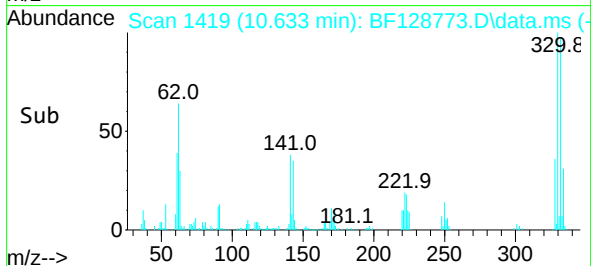
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



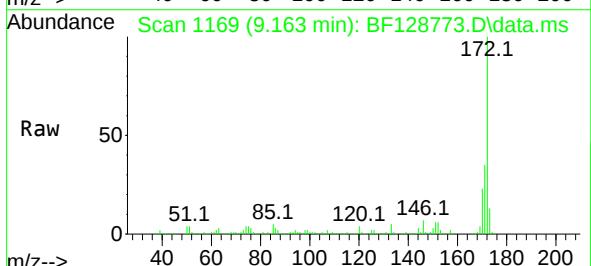
Tgt Ion: 330 Resp: 10114
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 34.0 28.0 42.0

Manual Integrations
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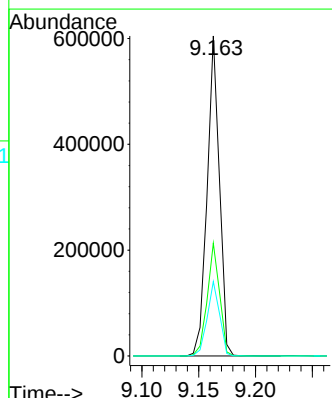
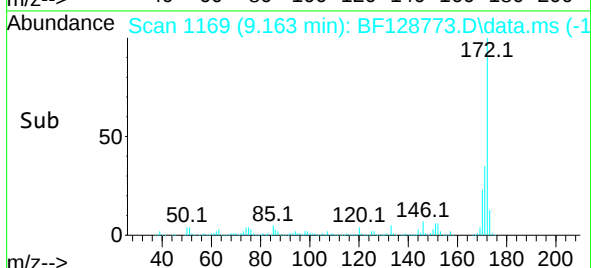
Reviewed By : Christian Giraldo 06/13/2022
Supervised By : Jagrut Upadhyay 06/13/2022



#45
2-Fluorobiphenyl
Concen: 70.959 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13



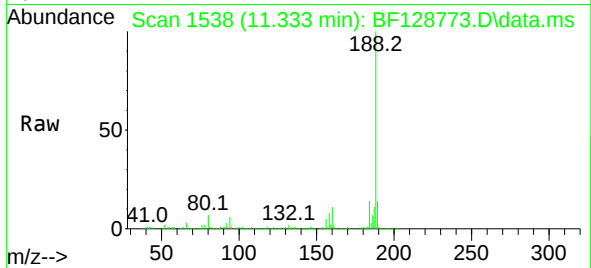
Tgt Ion: 172 Resp: 453408
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

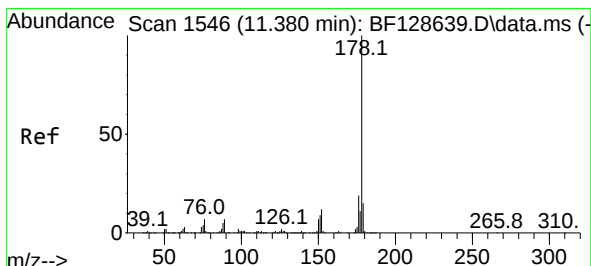
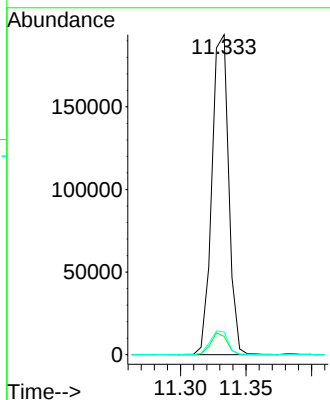
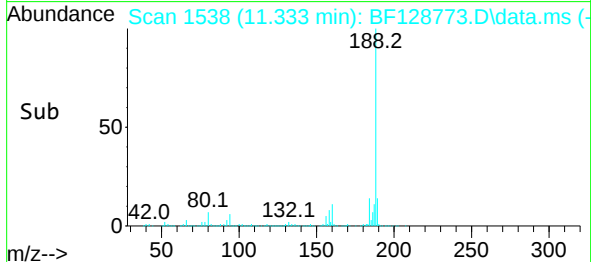
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



Tgt Ion:188 Resp: 17261
Ion Ratio Lower Upper
188 100
94 5.7 7.0 10.6
80 7.1 7.6 11.4

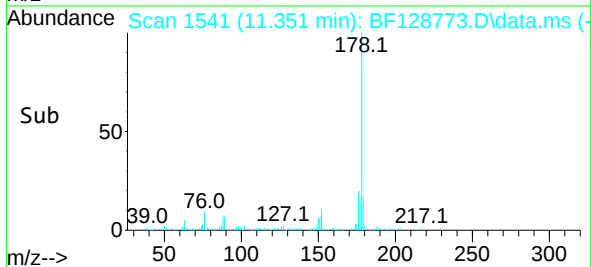
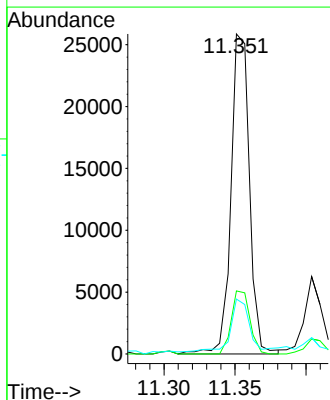
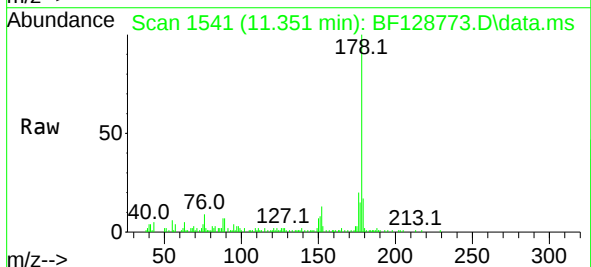
Manual Integrations
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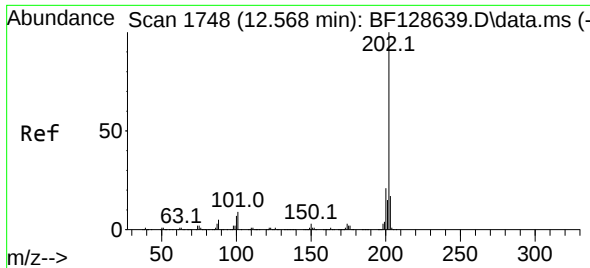
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#71
Phenanthrene
Concen: 2.715 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

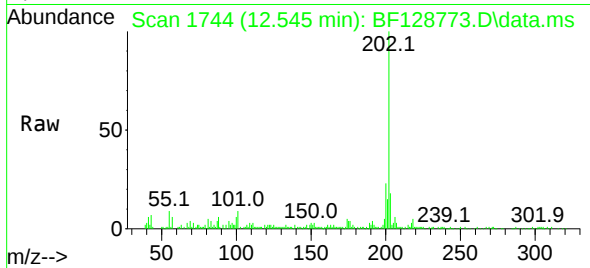
Tgt Ion:178 Resp: 23509
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 17.2 12.6 19.0





#75
Fluoranthene
Concen: 3.436 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

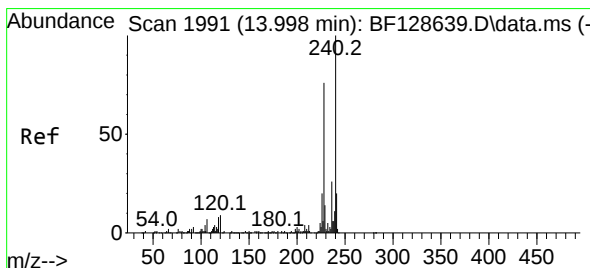
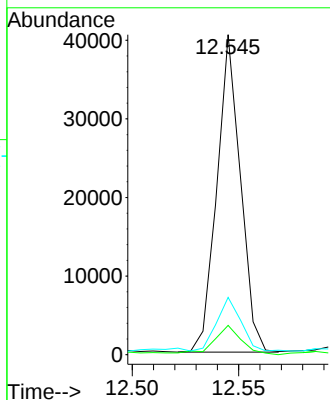
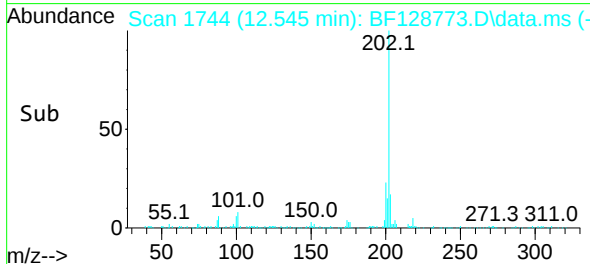
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



Tgt Ion:202 Resp: 31090
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 17.9 0.0 38.0

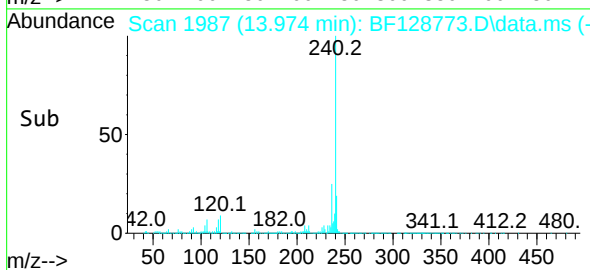
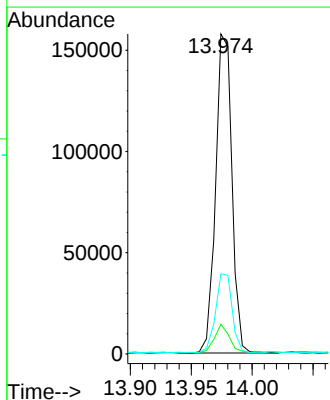
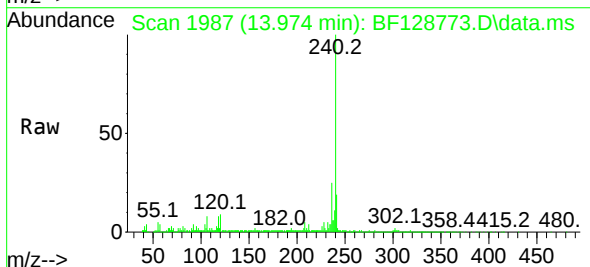
Manual Integrations
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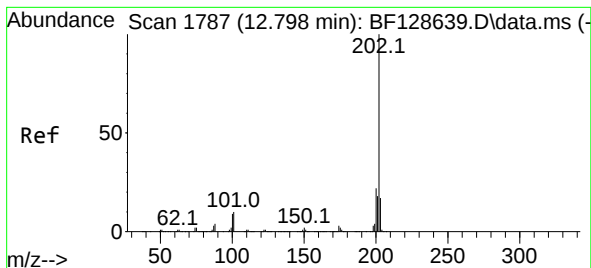
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:240 Resp: 146848
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.1 20.8 31.2





#78

Pyrene

Concen: 4.277 ng

RT: 12.774 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

Tgt Ion:202 Resp: 4673

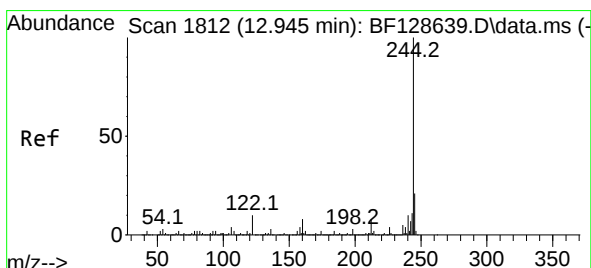
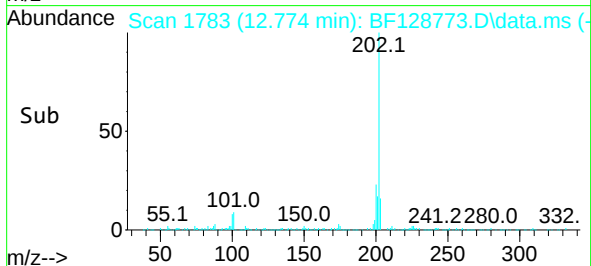
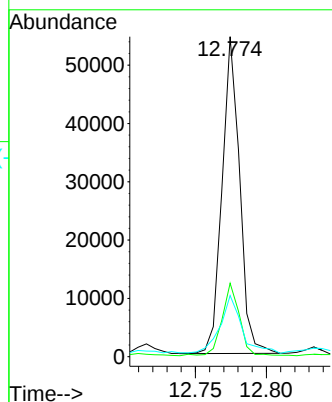
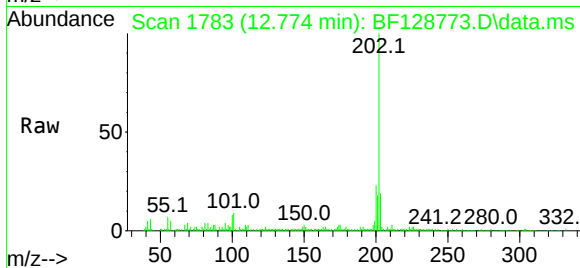
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.7	26.5
203	19.1	14.6	21.8

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 06/13/2022



#79

Terphenyl-d14

Concen: 62.289 ng

RT: 12.921 min Scan# 1808

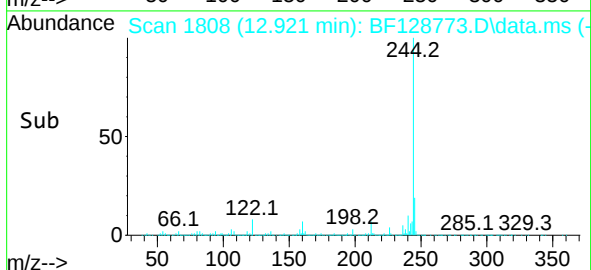
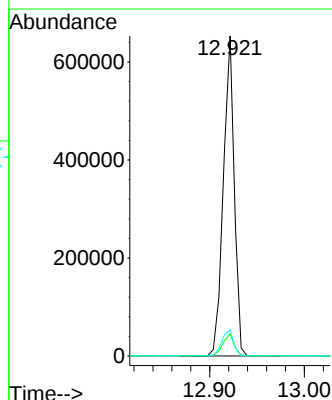
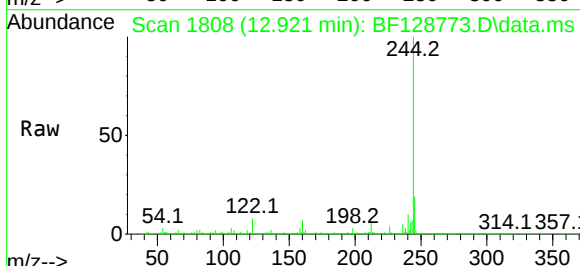
Delta R.T. -0.012 min

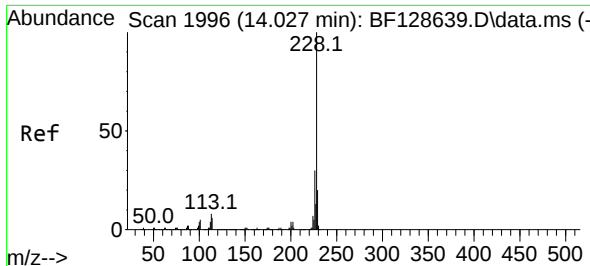
Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

Tgt Ion:244 Resp: 526403

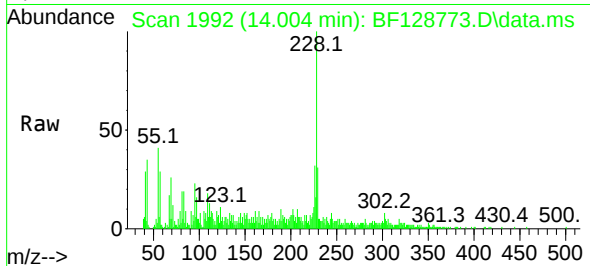
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	8.1	8.8	13.2





#83
Chrysene
Concen: 2.482 ng
RT: 14.004 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

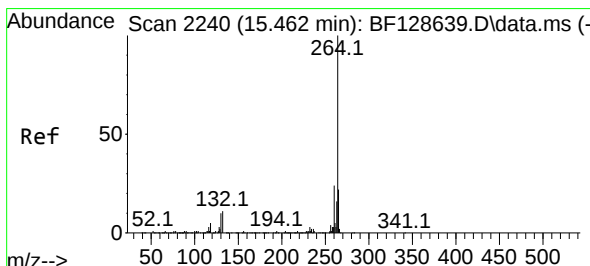
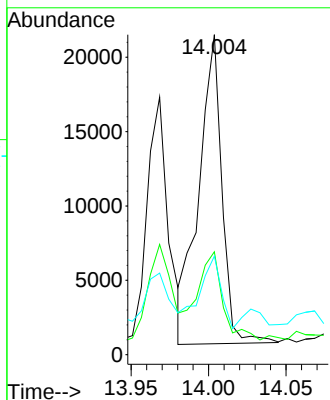
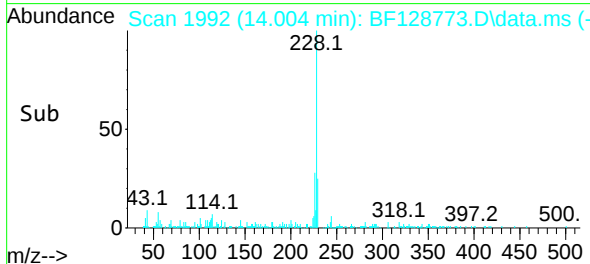
Instrument :
BNA_F
ClientSampleId :
OK-03-060922



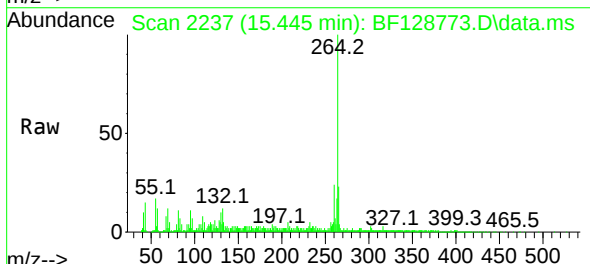
Tgt Ion:228 Resp: 21662
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 30.8 15.9 23.9

Manual Integrations
APPROVED

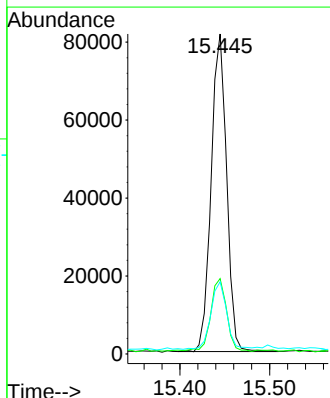
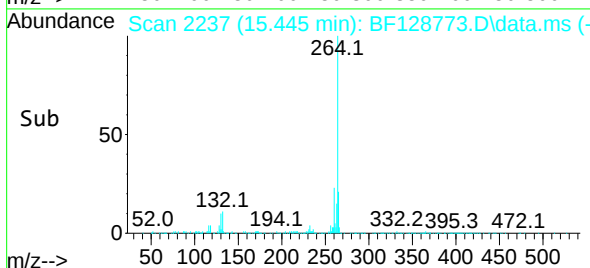
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

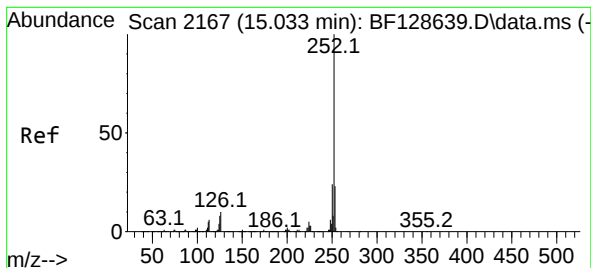


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2237
Delta R.T. -0.000 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13



Tgt Ion:264 Resp: 97740
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.5 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.237 ng m

RT: 15.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128773.D

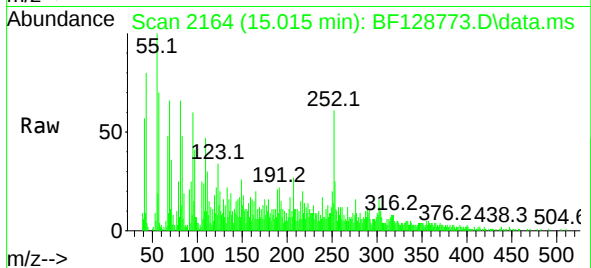
Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

OK-03-060922



Tgt Ion:252 Resp: 13974

Ion Ratio Lower Upper

252 100

253 40.6 17.7 26.5

125 33.7 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/13/2022

Supervised By :Jagrut Upadhyay 06/13/2022

