

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128700.D
 Acq On : 06 Jun 2022 16:59
 Operator : CG\JU
 Sample : N3186-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 02:42:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	70577	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	258705	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	134494	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	212998	20.000	ng	#-0.01
76) Chrysene-d12	13.992	240	168417	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	182397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	385193	86.933	ng	0.00
7) Phenol-d6	6.492	99	481700	89.060	ng	0.00
23) Nitrobenzene-d5	7.387	82	355269	63.937	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	119700	75.325	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	625707	65.170	ng	-0.01
79) Terphenyl-d14	12.939	244	536086	55.310	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	29294	2.742	ng	97
75) Fluoranthene	12.563	202	38204	3.421	ng	94
78) Pyrene	12.792	202	35740	2.852	ng	99
83) Chrysene	14.016	228	24050m	2.403	ng	
88) Benzo(b)fluoranthene	15.027	252	34682m	2.976	ng	
90) Benzo(a)pyrene	15.392	252	23425	2.557	ng	96

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

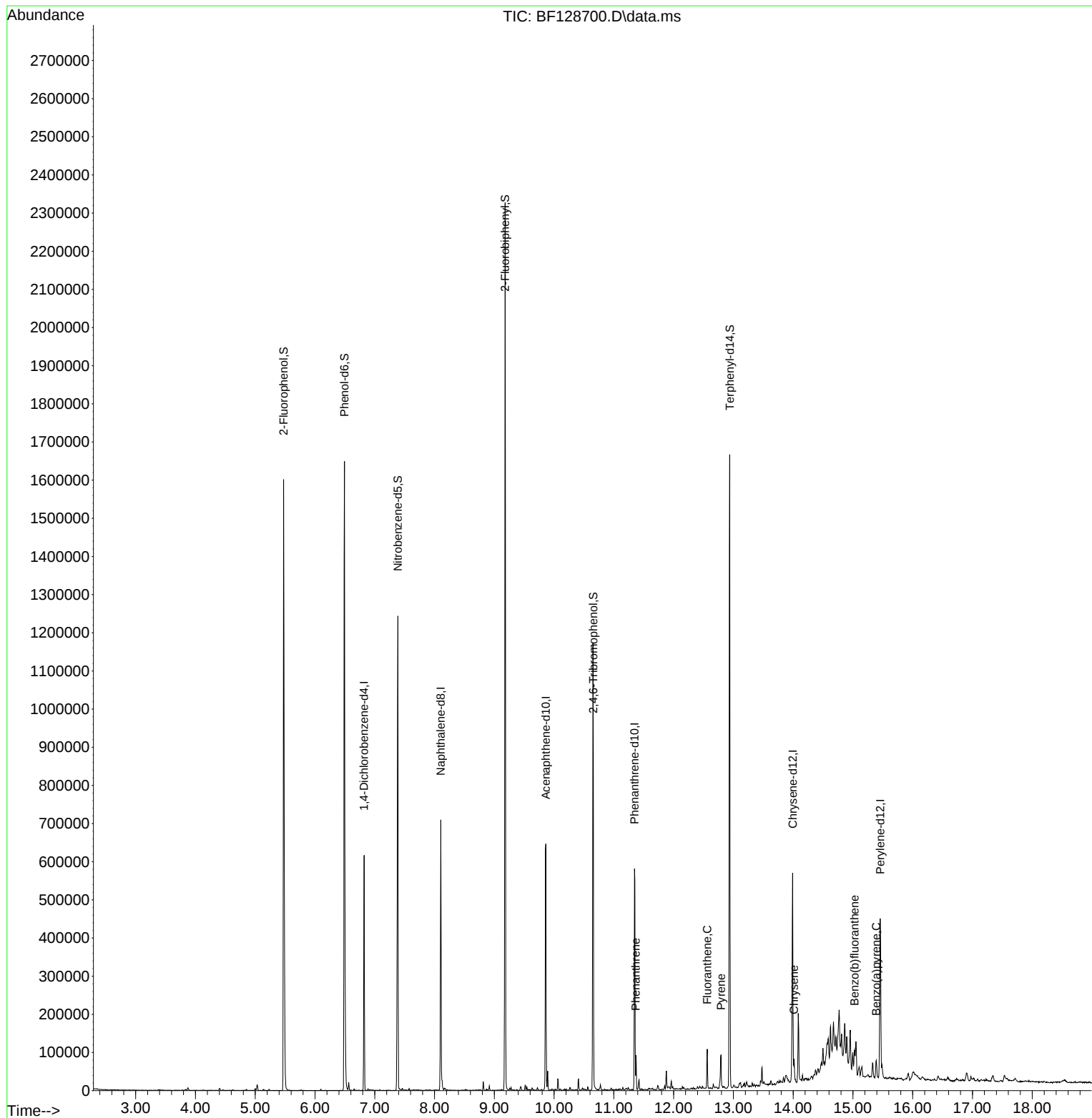
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128700.D
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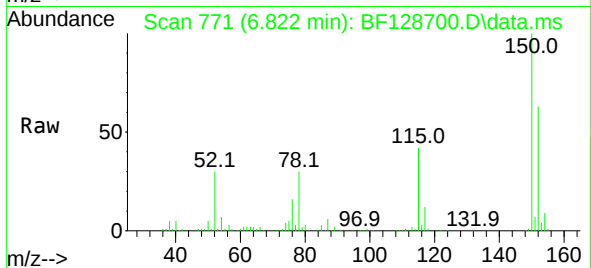
Quant Time: Jun 07 02:42:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

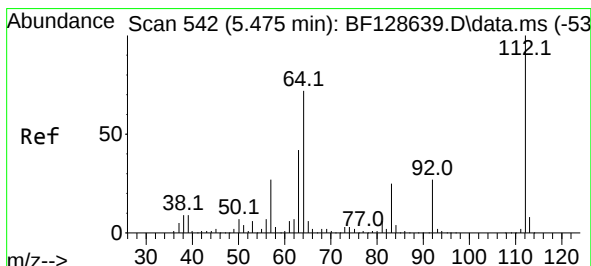
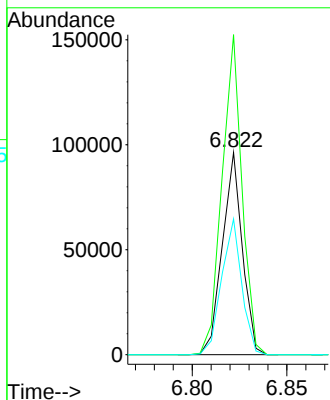
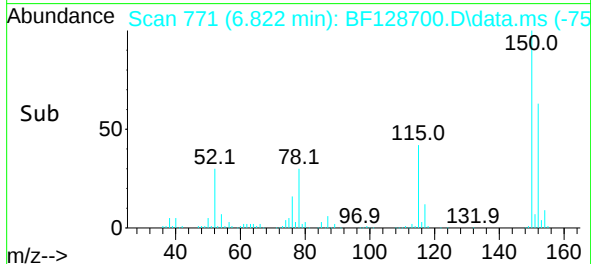
Instrument :
BNA_F
ClientSampleId :
VNJ-218



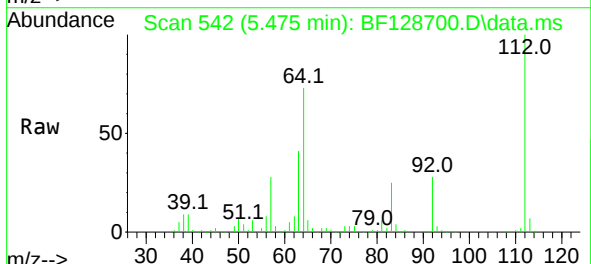
Tgt Ion:152 Resp: 7057
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 67.1 49.9 74.9

Manual Integrations
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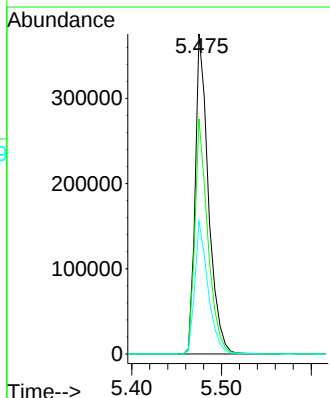
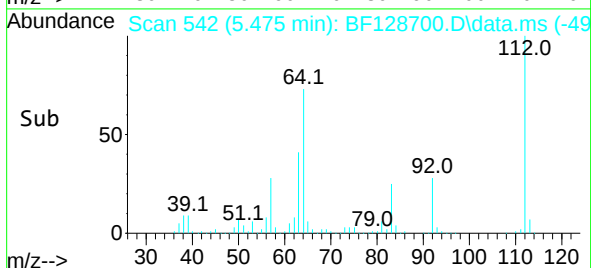
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#5
2-Fluorophenol
Concen: 86.933 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59



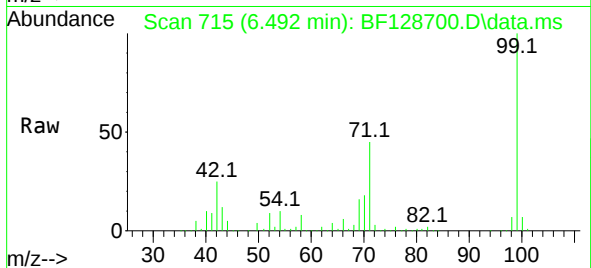
Tgt Ion:112 Resp: 385193
Ion Ratio Lower Upper
112 100
64 73.4 53.3 79.9
63 41.5 28.0 42.0





#7
Phenol-d6
Concen: 89.060 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

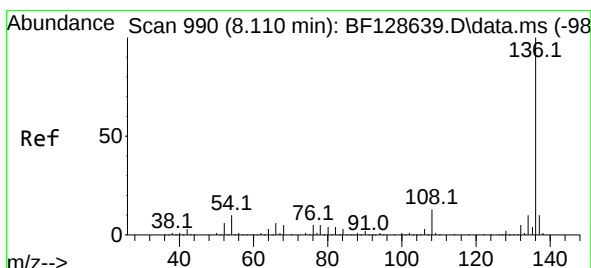
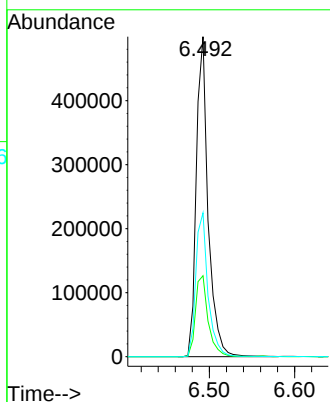
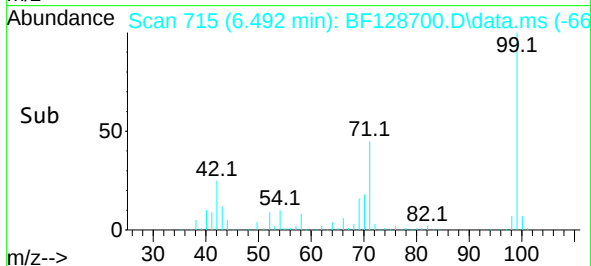
Instrument :
BNA_F
ClientSampleId :
VNJ-218



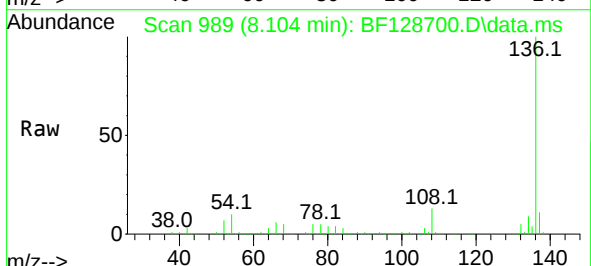
Tgt Ion: 99 Resp: 481700
Ion Ratio Lower Upper
99 100
42 25.3 17.3 25.9
71 44.9 28.9 43.3

Manual Integrations
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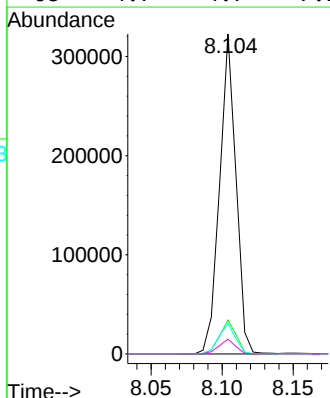
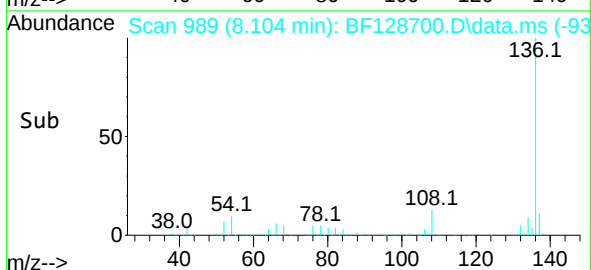
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59



Tgt Ion:136 Resp: 258705
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.6 7.5 11.3
68 4.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 63.937 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.005 min

Lab File: BF128700.D

Acq: 06 Jun 2022 16:59

Instrument :

BNA_F

ClientSampleId :

VNJ-218

Tgt Ion: 82 Resp: 355269

Ion Ratio Lower Upper

82 100

128 39.4 34.0 51.0

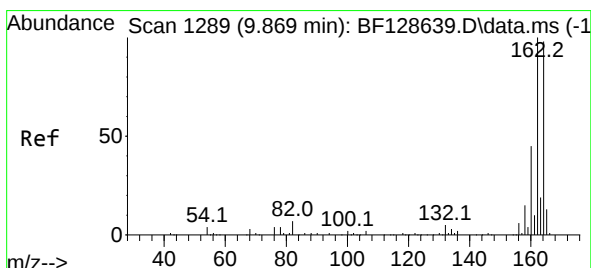
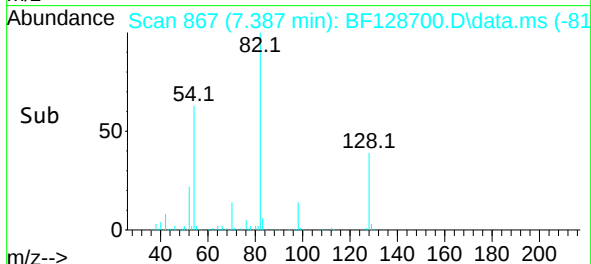
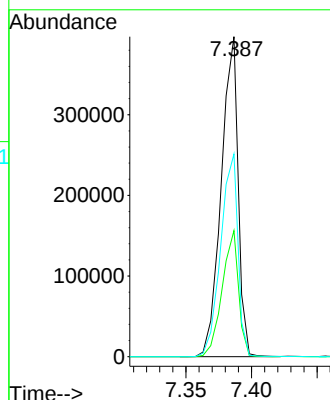
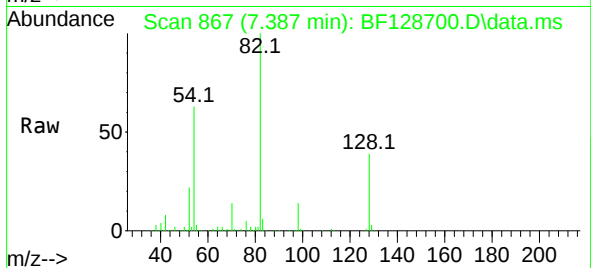
54 63.4 46.9 70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128700.D

Acq: 06 Jun 2022 16:59

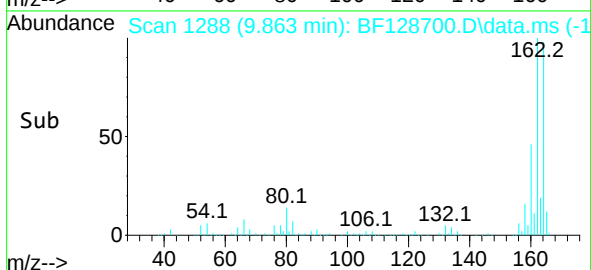
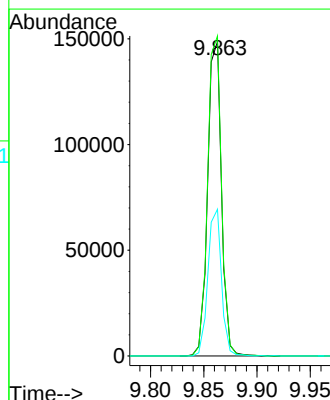
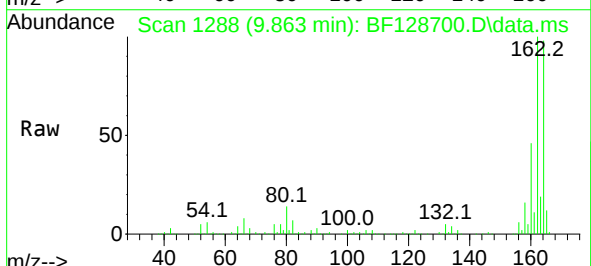
Tgt Ion:164 Resp: 134494

Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

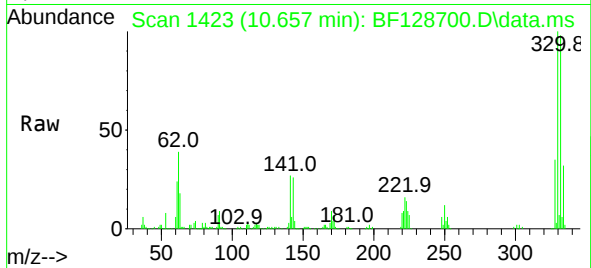
160 46.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 75.325 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

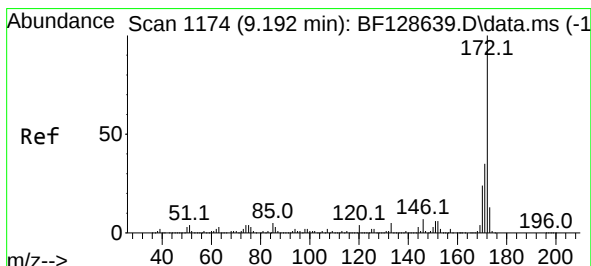
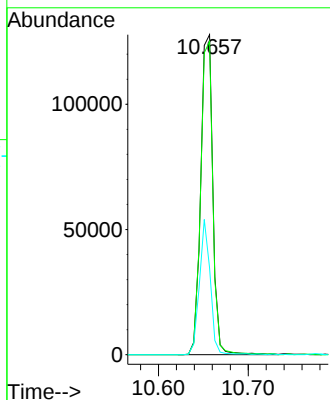
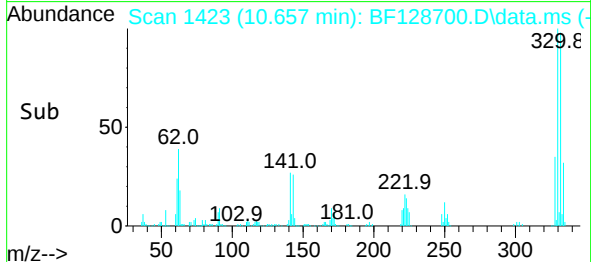
Instrument :
BNA_F
ClientSampleId :
VNJ-218



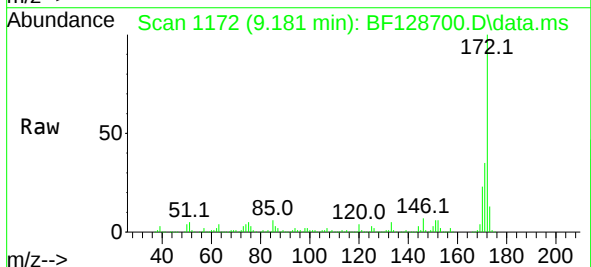
Tgt Ion: 330 Resp: 119700
Ion Ratio Lower Upper
330 100
332 98.1 76.8 115.2
141 38.0 28.0 42.0

Manual Integrations
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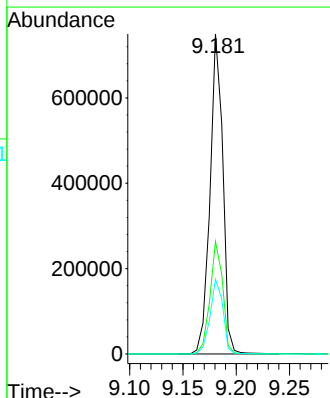
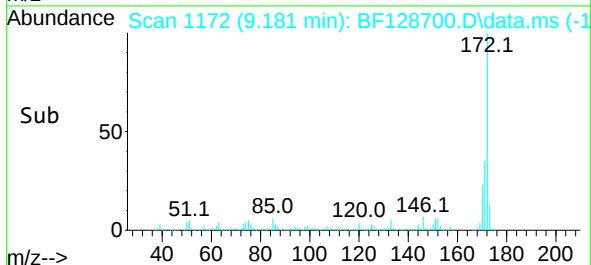
Reviewed By : Christian Giraldo 06/07/2022
Supervised By : Jagrut Upadhyay 06/07/2022

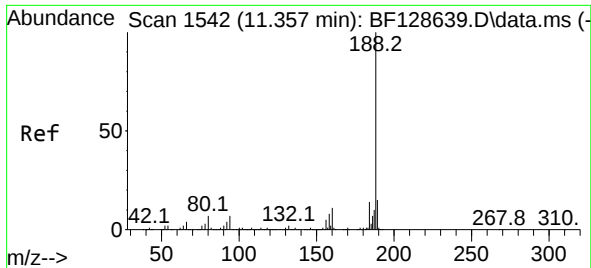


#45
2-Fluorobiphenyl
Concen: 65.170 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59



Tgt Ion: 172 Resp: 625707
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.4 19.8 29.8





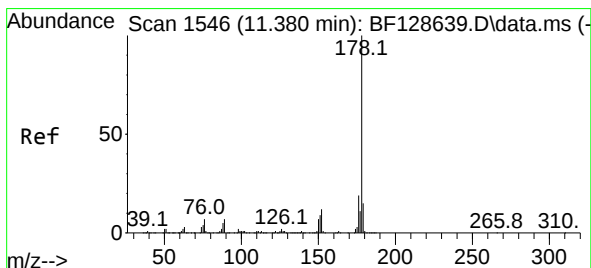
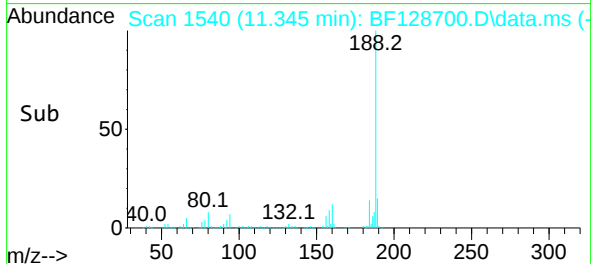
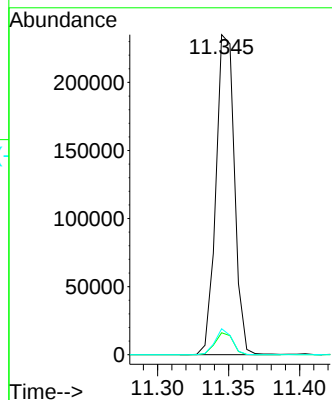
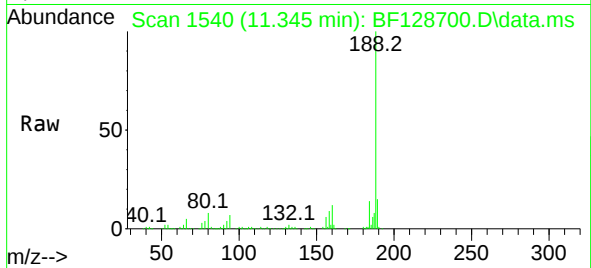
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11345
Delta R.T. -0.012 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

Instrument :
BNA_F
ClientSampleId :
VNJ-218

Tgt Ion:188 Resp: 212998
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6
80 8.1 7.6 11.4

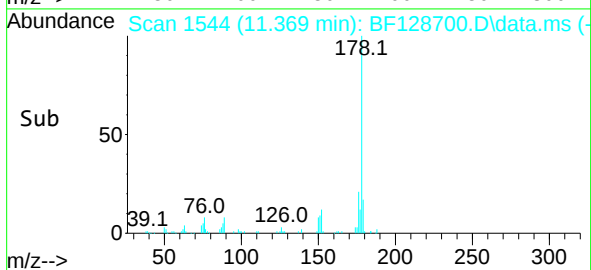
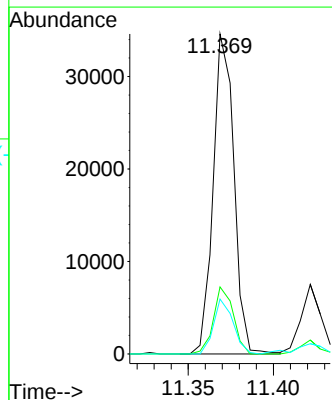
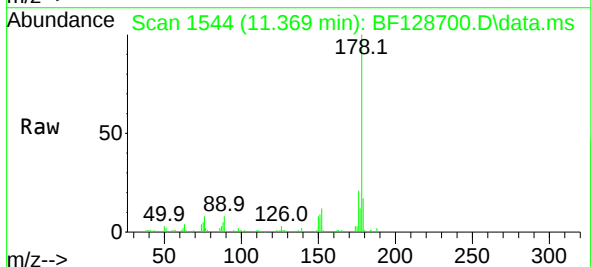
Manual Integrations
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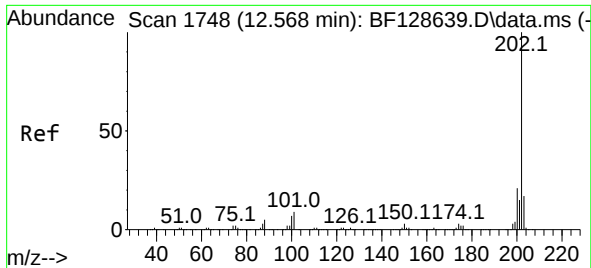
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#71
Phenanthrene
Concen: 2.742 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

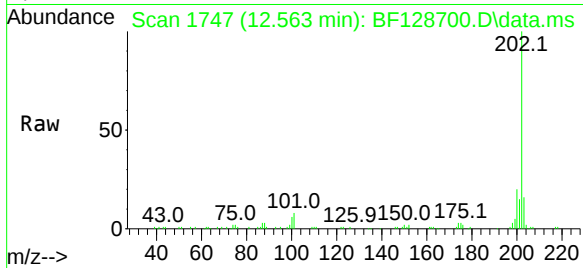
Tgt Ion:178 Resp: 29294
Ion Ratio Lower Upper
178 100
176 20.9 16.0 24.0
179 17.2 12.6 19.0





#75
Fluoranthene
Concen: 3.421 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

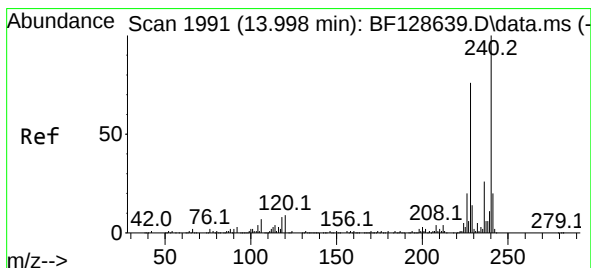
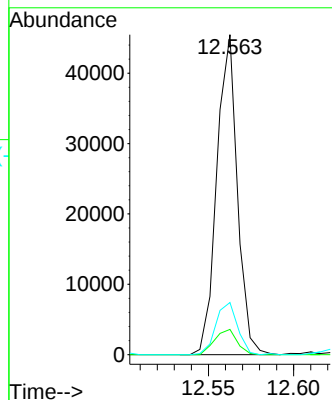
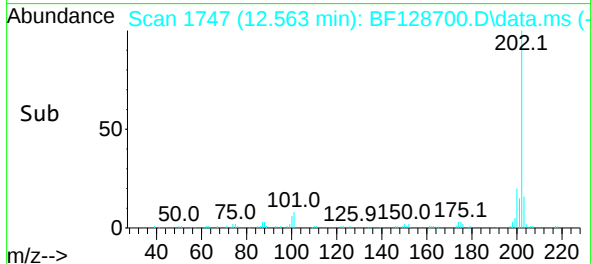
Instrument :
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VNJ-218



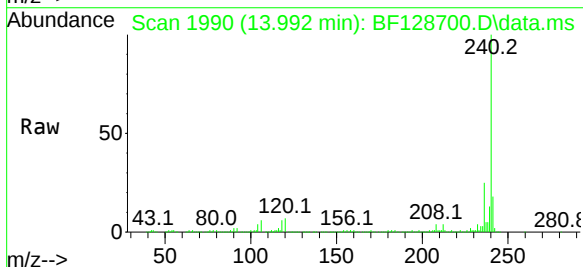
Tgt Ion:202 Resp: 38204
Ion Ratio Lower Upper
202 100
101 7.9 0.0 31.4
203 16.3 0.0 38.0

Manual Integrations
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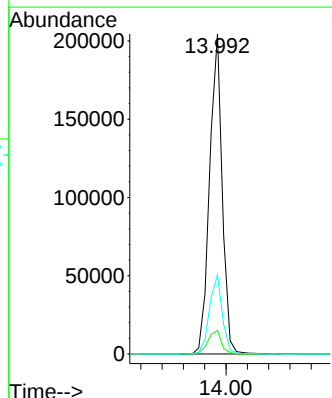
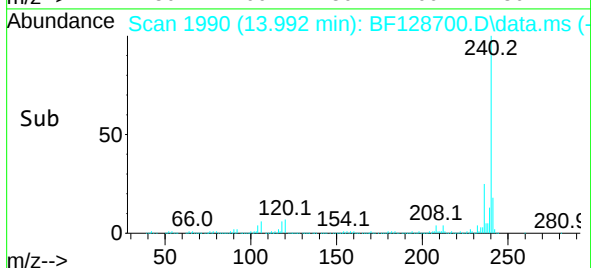
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

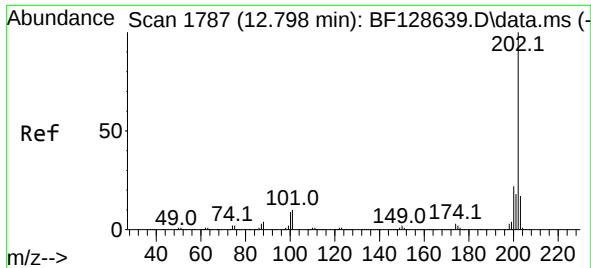


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59



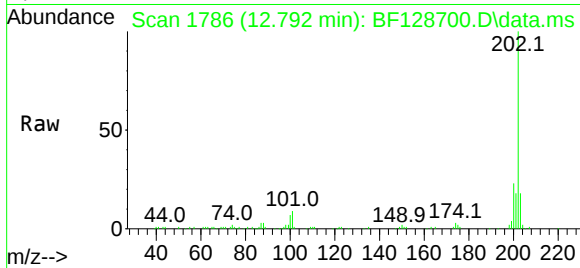
Tgt Ion:240 Resp: 168417
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 24.7 20.8 31.2





#78
 Pyrene
 Concen: 2.852 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128700.D
 Acq: 06 Jun 2022 16:59

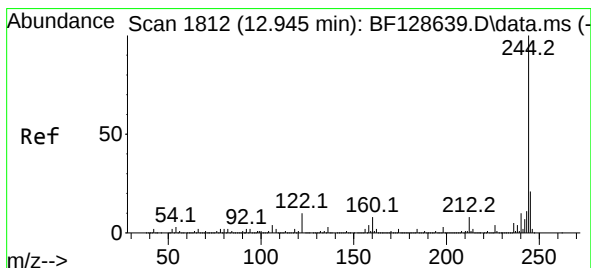
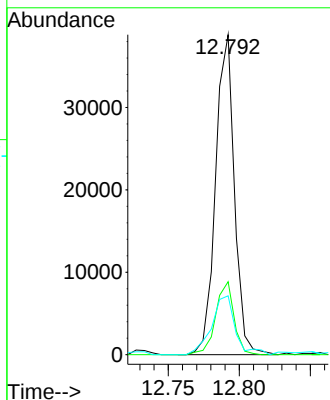
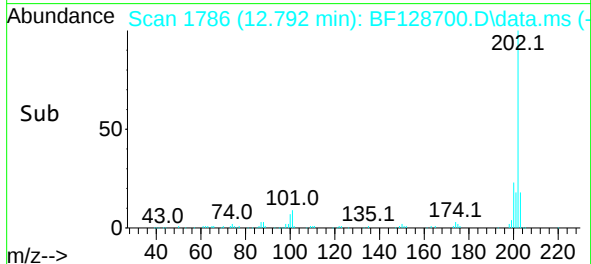
Instrument :
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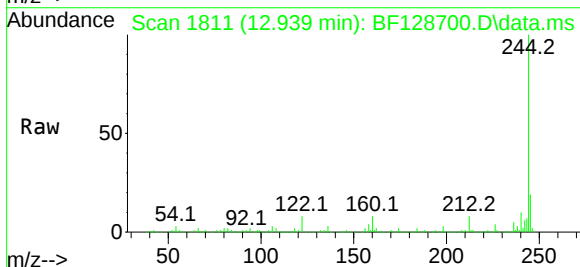
Tgt Ion: 202 Resp: 35740
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.7 26.5
 203 18.4 14.6 21.8

Manual Integrations
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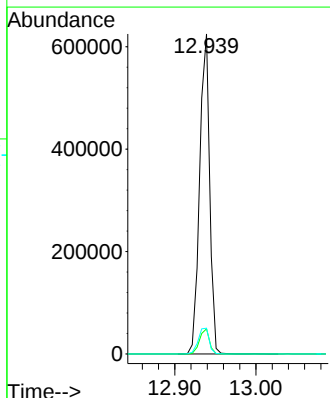
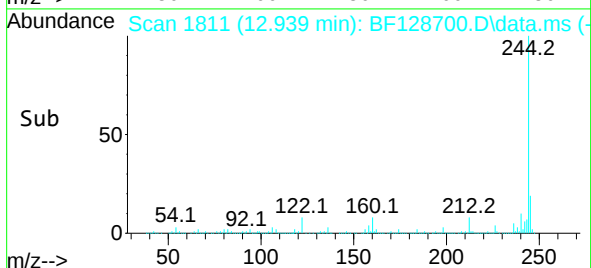
Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

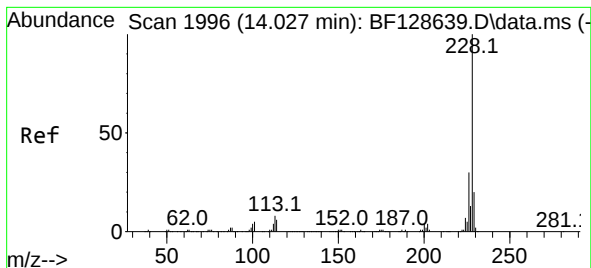


#79
 Terphenyl-d14
 Concen: 55.310 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128700.D
 Acq: 06 Jun 2022 16:59



Tgt Ion: 244 Resp: 536086
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 8.1 8.8 13.2#





#83

Chrysene

Concen: 2.403 ng m

RT: 14.016 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF128700.D

Acq: 06 Jun 2022 16:59

Instrument :

BNA_F

ClientSampleId :

VNJ-218

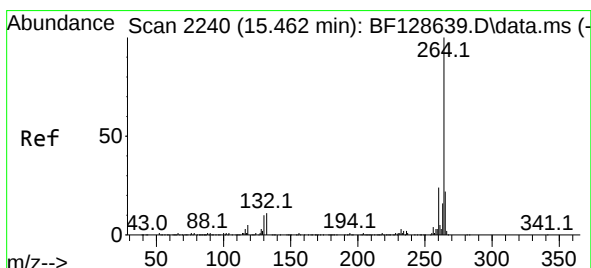
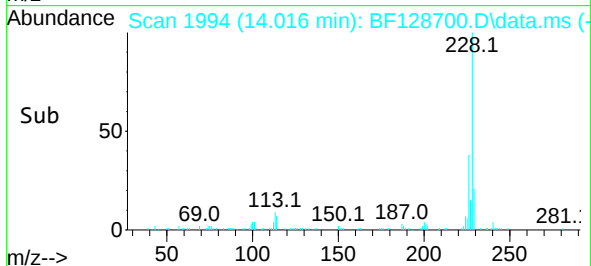
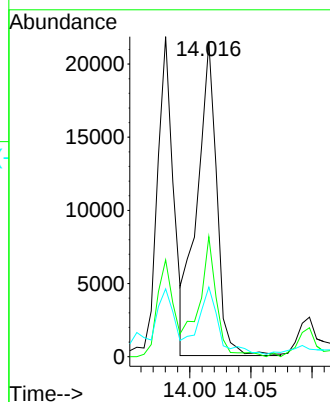
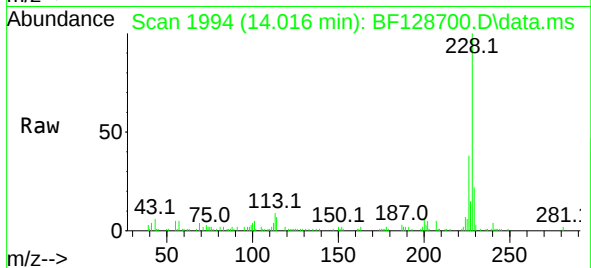
Tgt Ion:228	Resp:	24050
Ion Ratio	Lower	Upper
228	100	
226	38.1	24.3 36.5
229	22.1	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022



#86

Perylene-d12

Concen: 20.000 ng

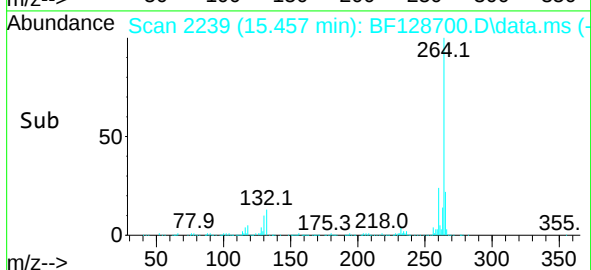
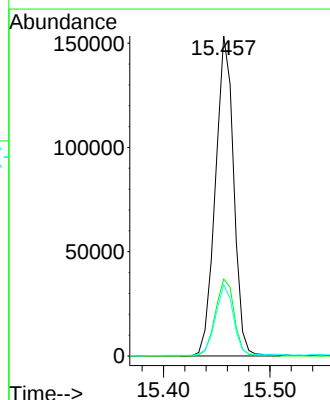
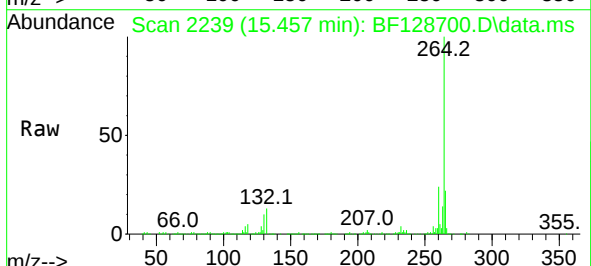
RT: 15.457 min Scan# 2239

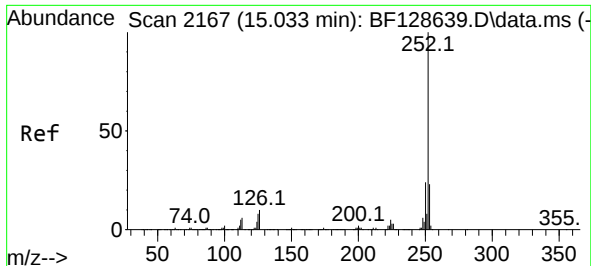
Delta R.T. -0.005 min

Lab File: BF128700.D

Acq: 06 Jun 2022 16:59

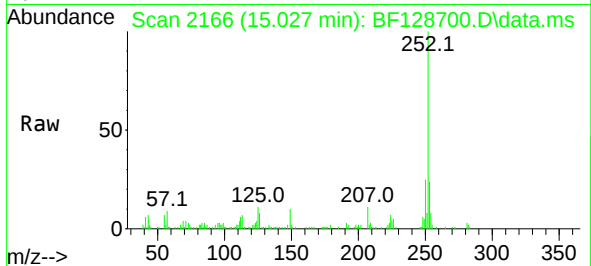
Tgt Ion:264	Resp:	182397
Ion Ratio	Lower	Upper
264	100	
260	24.1	18.4 27.6
265	22.2	17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.976 ng m
RT: 15.027 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

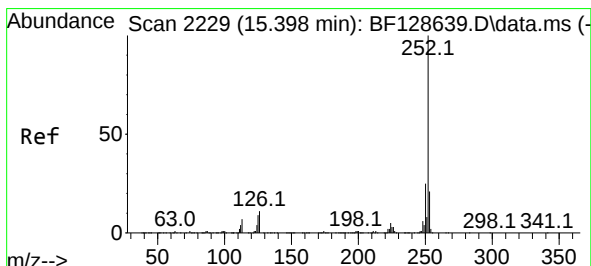
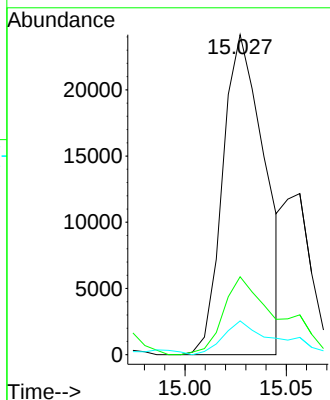
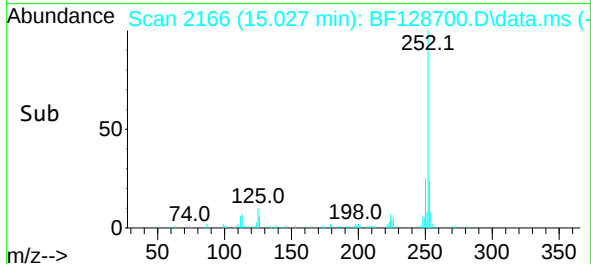
Instrument :
BNA_F
ClientSampleId :
VNJ-218



Tgt Ion:252 Resp: 3468
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 10.6 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#90
Benzo(a)pyrene
Concen: 2.557 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128700.D
Acq: 06 Jun 2022 16:59

Tgt Ion:252 Resp: 23425
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.8 8.8 13.2

