

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128977.D
 Acq On : 24 Jun 2022 03:22
 Operator : CG\JU
 Sample : N3427-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/24/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 24 04:41:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	55498	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	189147	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	91513	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	164108	20.000	ng	0.00
76) Chrysene-d12	13.898	240	132538	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	93165	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	226066	64.883	ng	0.00
7) Phenol-d6	6.381	99	280141	65.867	ng	0.00
23) Nitrobenzene-d5	7.292	82	186154	45.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	58190	53.816	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	328983	50.358	ng	0.00
79) Terphenyl-d14	12.839	244	364577	47.798	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.463	202	35933	4.176	ng	96
78) Pyrene	12.692	202	43950	4.457	ng	100
81) Benzo(a)anthracene	13.886	228	27053	3.275	ng	# 89
83) Chrysene	13.921	228	30012	3.810	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.751	276	13778	2.454	ng	# 88
88) Benzo(b)fluoranthene	14.927	252	30918m	5.194	ng	
90) Benzo(a)pyrene	15.274	252	22132	4.730	ng	# 77
92) Benzo(g,h,i)perylene	17.180	276	15260	3.306	ng	# 86

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

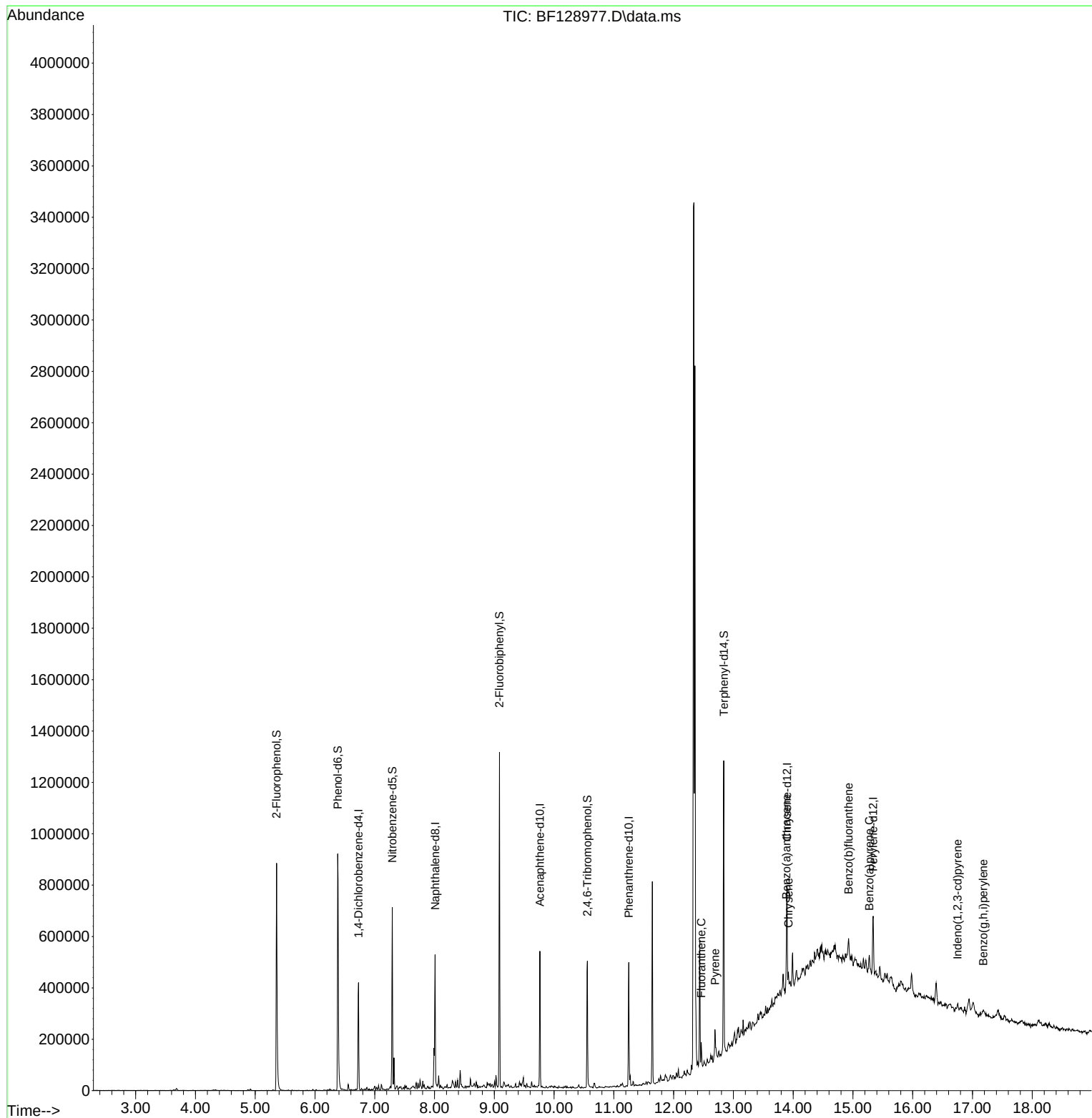
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128977.D
Acq On : 24 Jun 2022 03:22
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Misc :
ALS Vial : 22 Sample Multiplier: 1

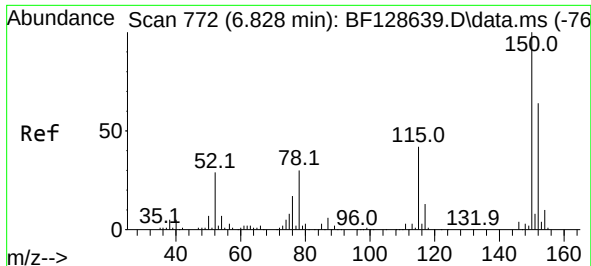
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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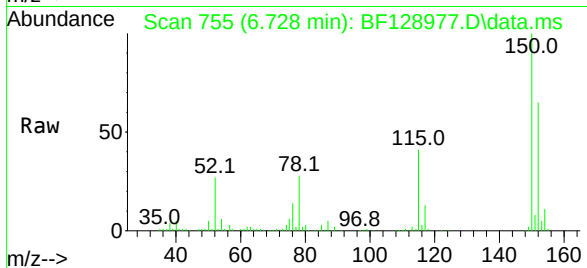
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122

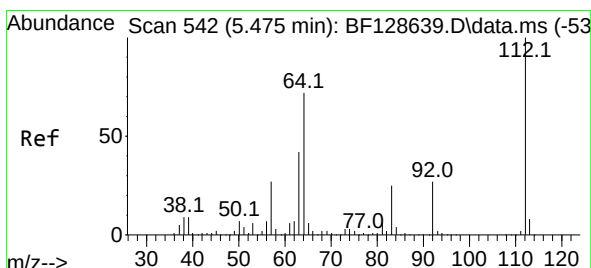
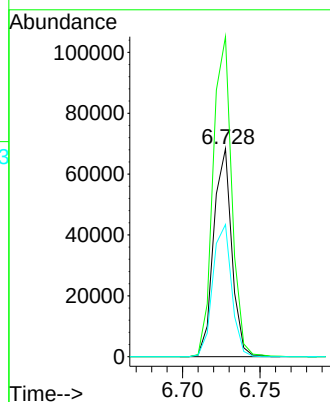
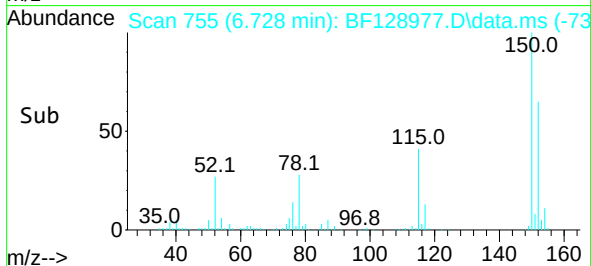


Tgt Ion:152 Resp: 55498
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 63.5 49.9 74.9

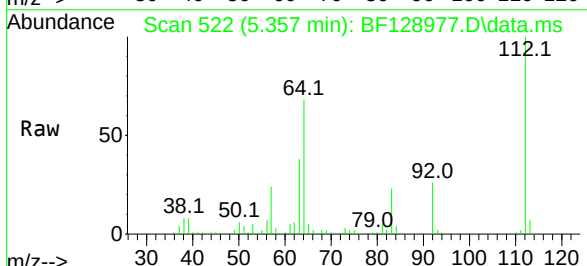
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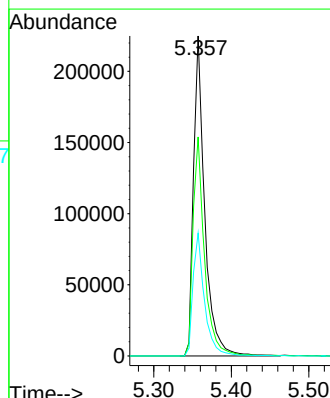
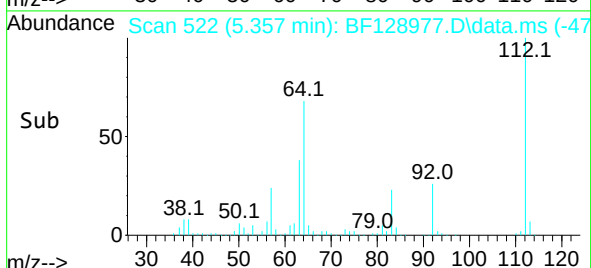
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

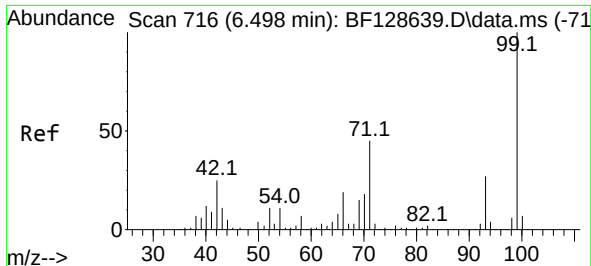


#5
2-Fluorophenol
Concen: 64.883 ng
RT: 5.357 min Scan# 522
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22



Tgt Ion:112 Resp: 226066
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 38.4 28.0 42.0





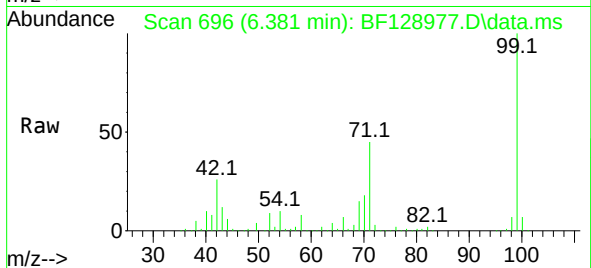
#7
Phenol-d6
Concen: 65.867 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

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TR-04-062122

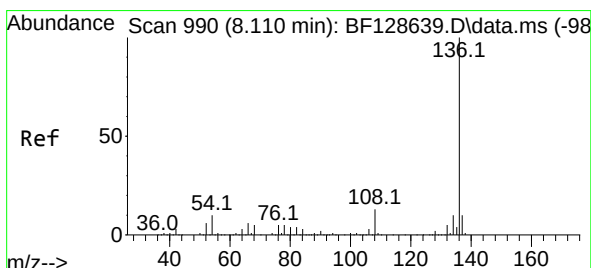
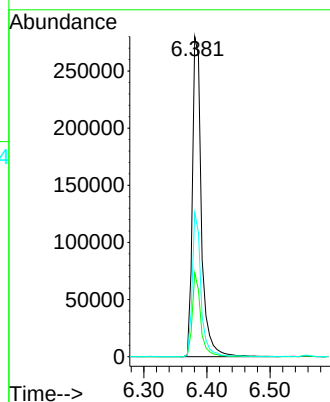
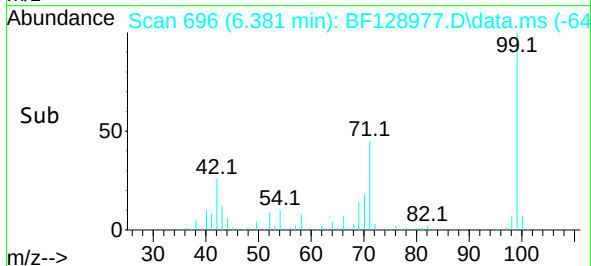


Tgt Ion: 99 Resp: 28014
Ion Ratio Lower Upper
99 100
42 26.2 17.3 25.9
71 45.0 28.9 43.3

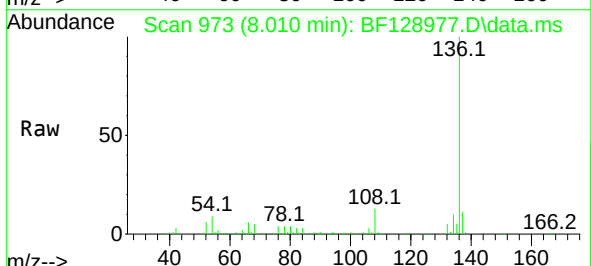
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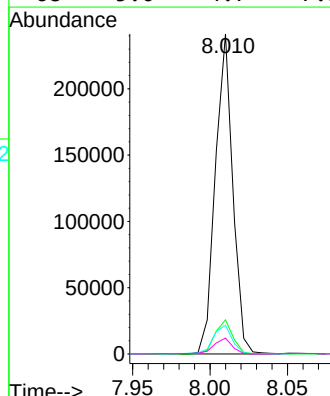
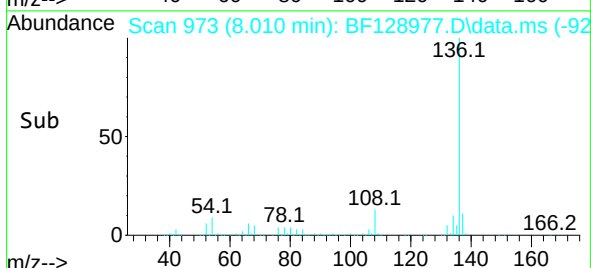
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Supervised By :Jagrut Upadhyay 06/28/2022

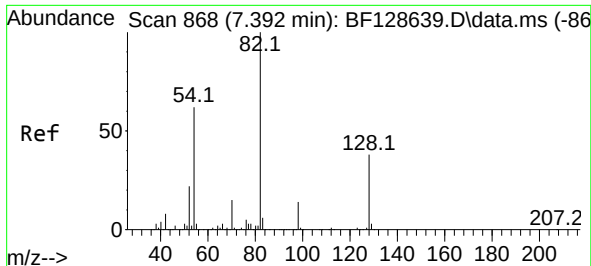


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22



Tgt Ion:136 Resp: 189147
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 5.0 4.7 7.1





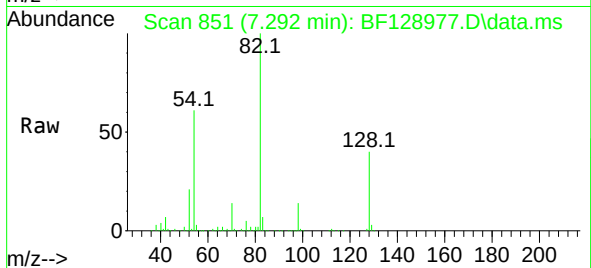
#23
Nitrobenzene-d5
Concen: 45.822 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

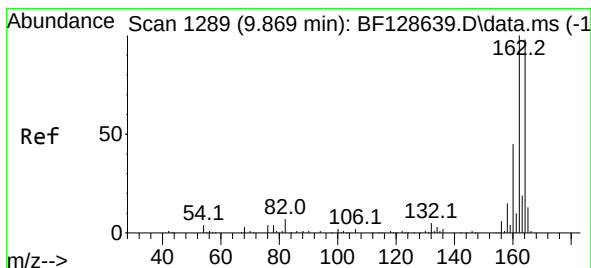
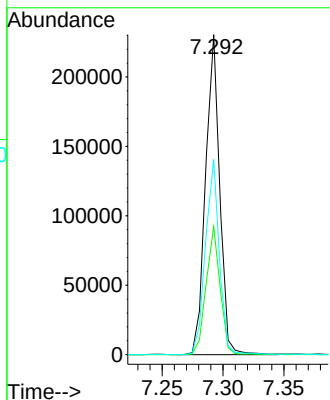
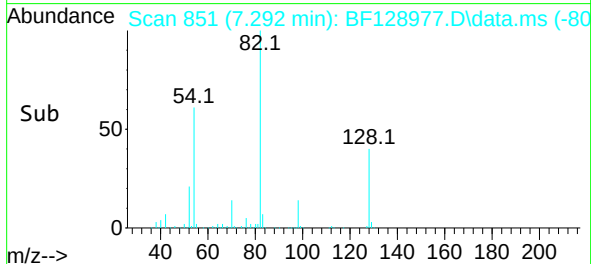
TR-04-062122



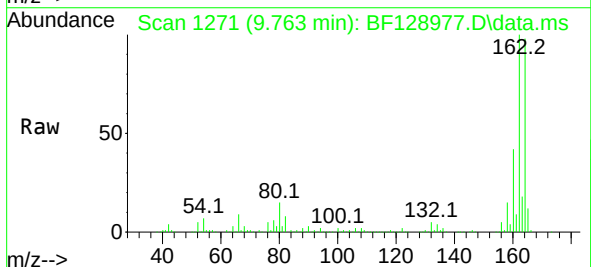
Tgt Ion: 82 Resp: 186154
Ion Ratio Lower Upper
82 100
128 40.1 34.0 51.0
54 61.0 46.9 70.3

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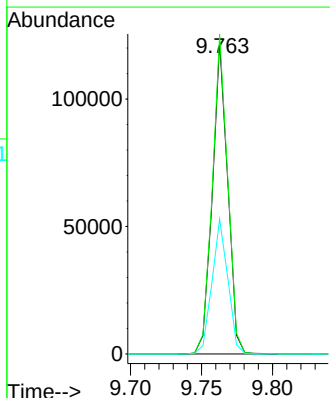
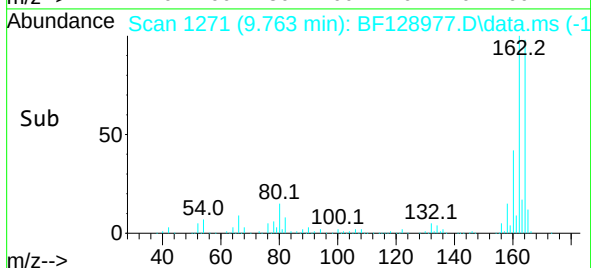
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

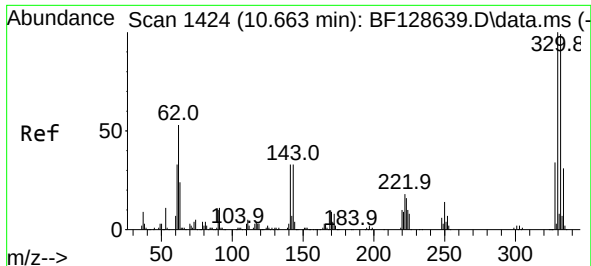


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22



Tgt Ion:164 Resp: 91513
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 43.3 34.2 51.4





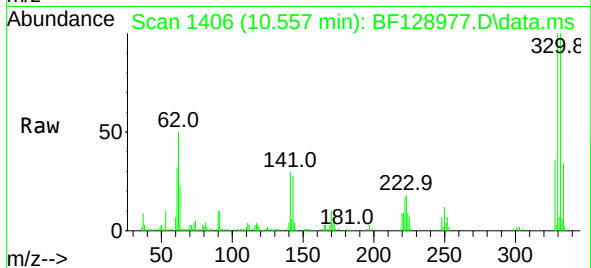
#42
2,4,6-Tribromophenol
Concen: 53.816 ng
RT: 10.557 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122

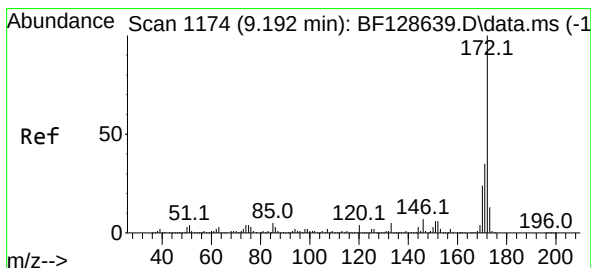
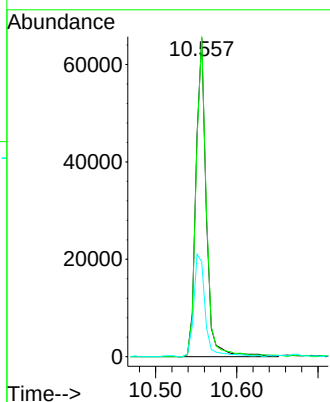
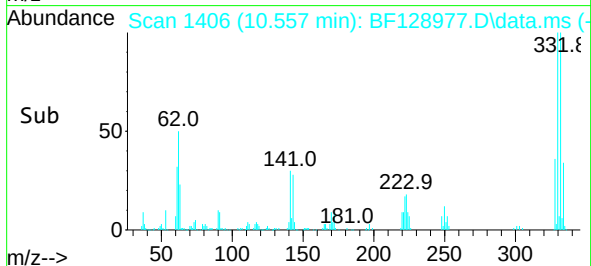


Tgt Ion:330 Resp: 58190
Ion Ratio Lower Upper
330 100
332 99.3 76.8 115.2
141 36.0 28.0 42.0

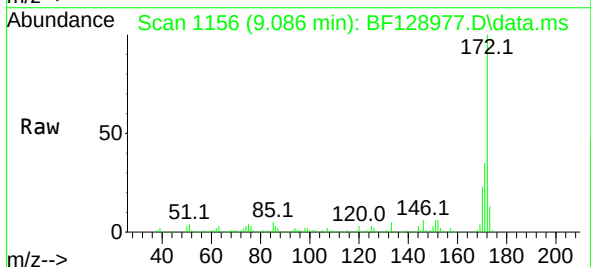
Manual Integrations

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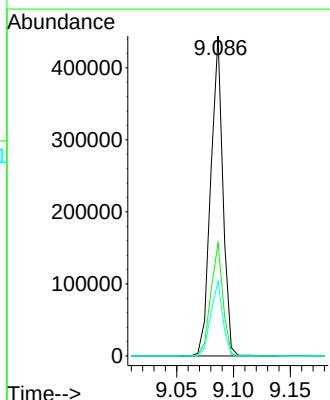
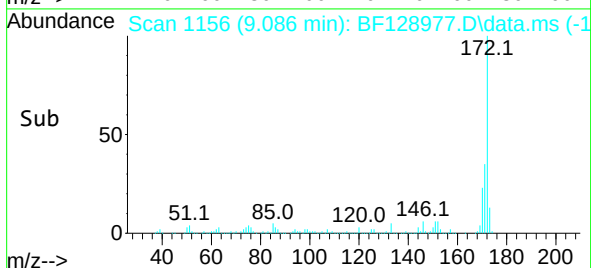
Reviewed By :Christian Giraldo 06/24/2022
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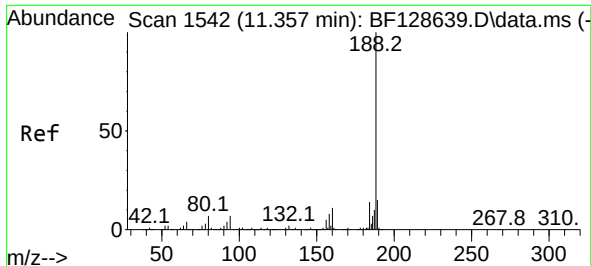


#45
2-Fluorobiphenyl
Concen: 50.358 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22



Tgt Ion:172 Resp: 328983
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

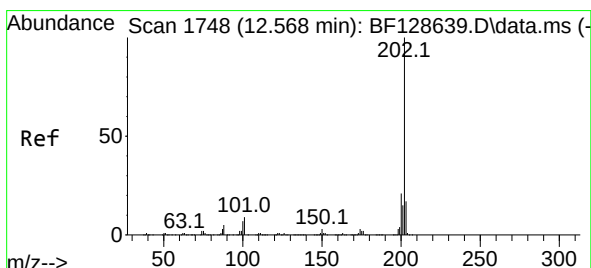
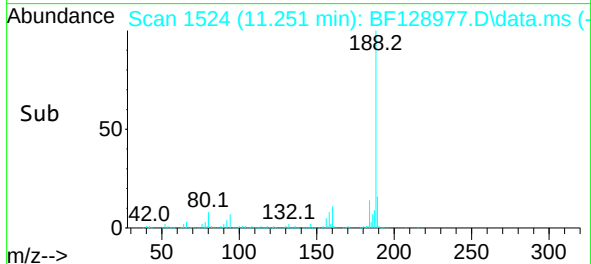
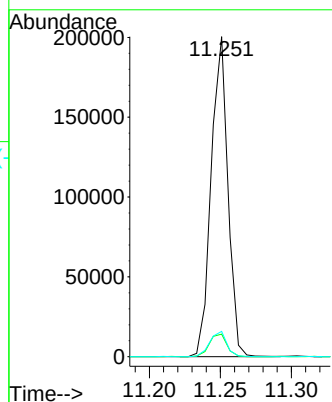
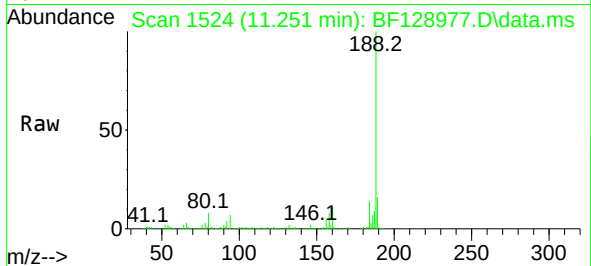
TR-04-062122

Tgt Ion:188 Resp: 164108
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.9 7.6 11.4

Manual Integrations

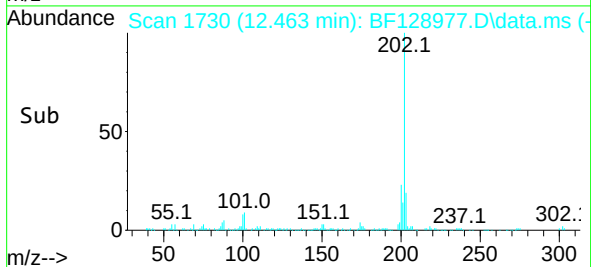
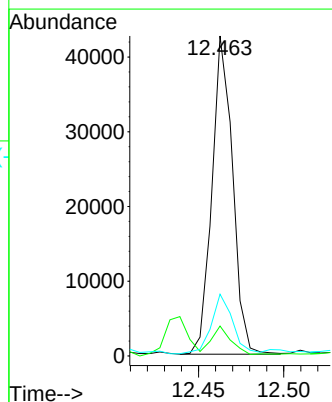
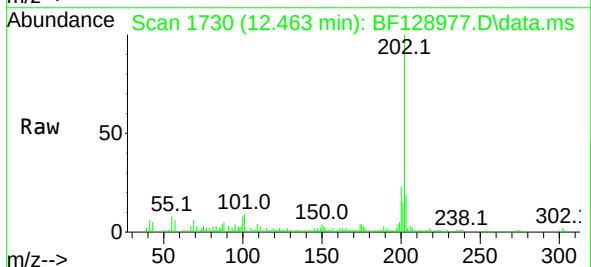
APPROVED

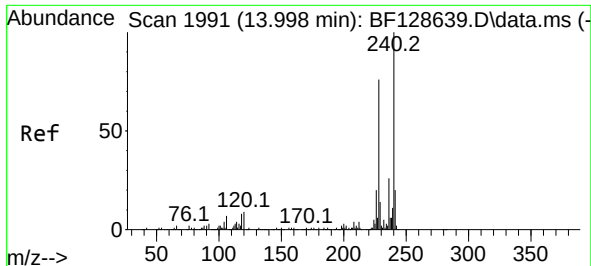
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#75
Fluoranthene
Concen: 4.176 ng
RT: 12.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:202 Resp: 35933
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 19.3 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

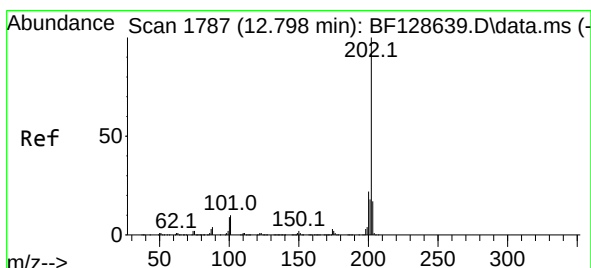
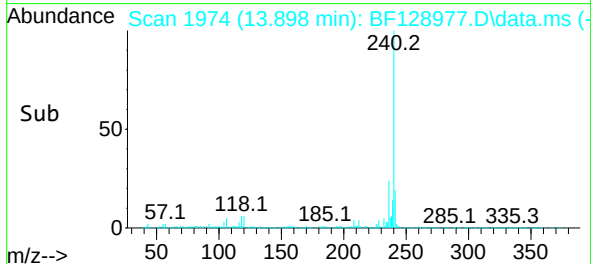
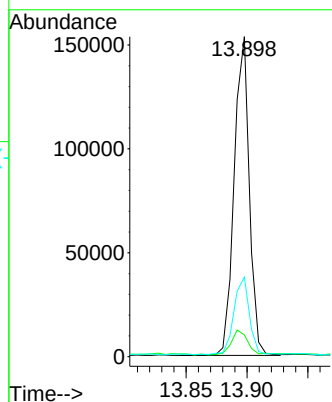
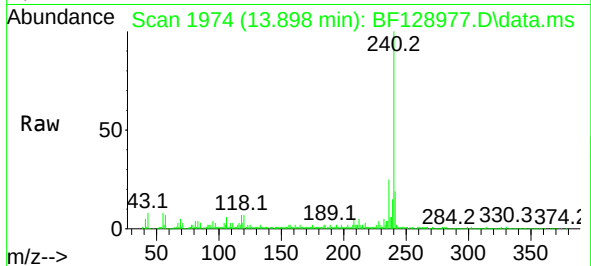
ClientSampleId :

TR-04-062122

Tgt Ion:240 Resp: 132538
Ion Ratio Lower Upper
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120 6.8 8.9 13.3
236 24.9 20.8 31.2

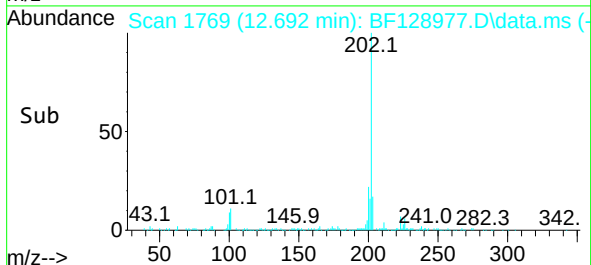
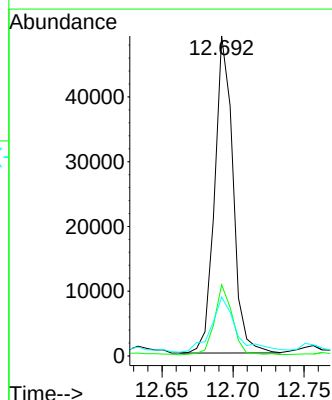
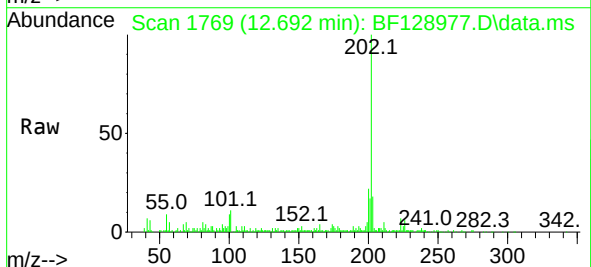
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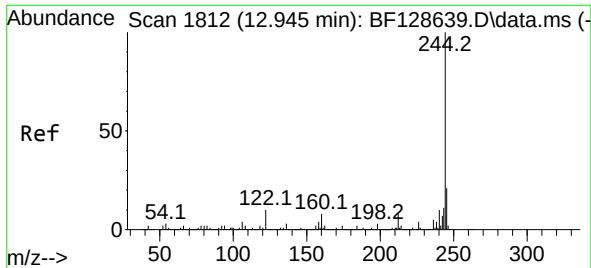
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#78
Pyrene
Concen: 4.457 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:202 Resp: 43950
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 47.798 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128977.D
 Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

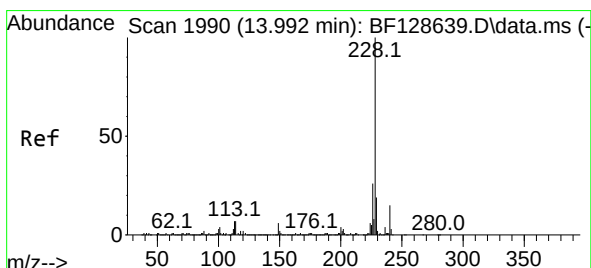
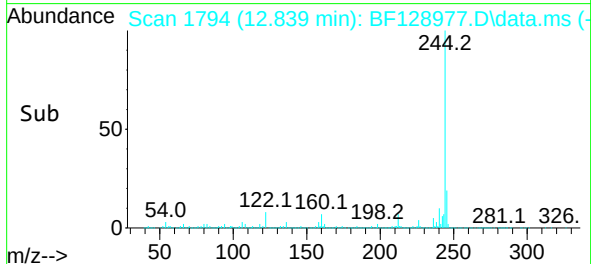
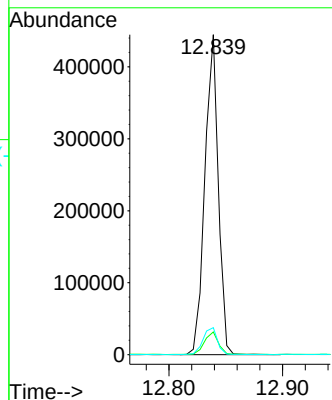
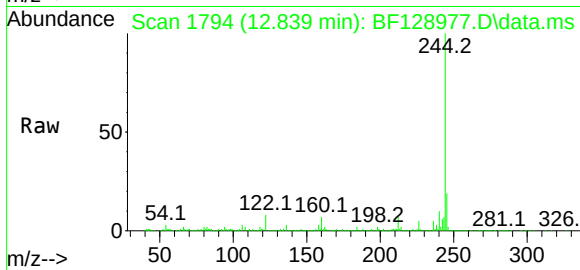
ClientSampleId :

TR-04-062122

Tgt Ion:244 Resp: 36457
 Ion Ratio Lower Upper
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 212 7.1 6.1 9.1
 122 8.4 8.8 13.2

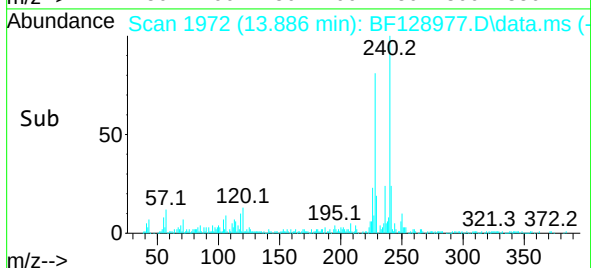
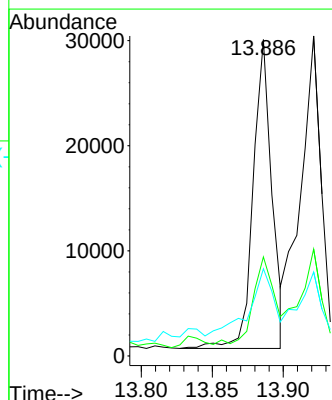
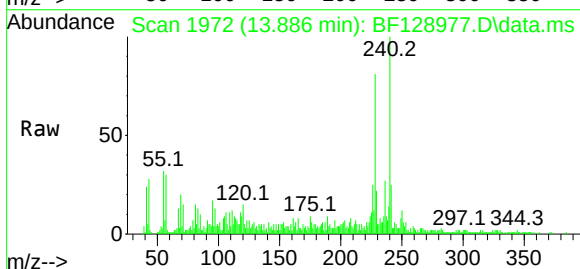
Manual Integrations
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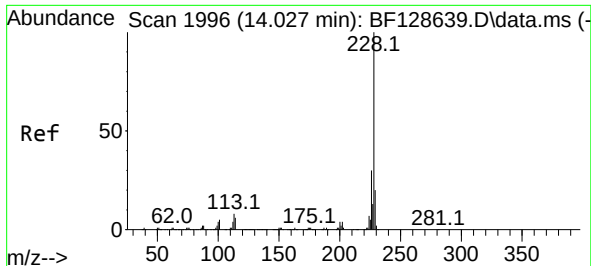
Reviewed By :Christian Giraldo 06/24/2022
 Supervised By :Jagrut Upadhyay 06/28/2022



#81
 Benzo(a)anthracene
 Concen: 3.275 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BF128977.D
 Acq: 24 Jun 2022 03:22

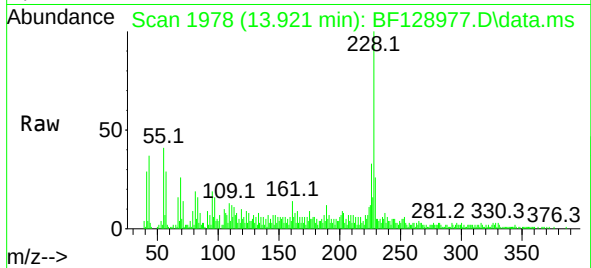
Tgt Ion:228 Resp: 27053
 Ion Ratio Lower Upper
 228 100
 226 31.3 22.1 33.1
 229 27.6 15.8 23.8





#83
Chrysene
Concen: 3.810 ng
RT: 13.921 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

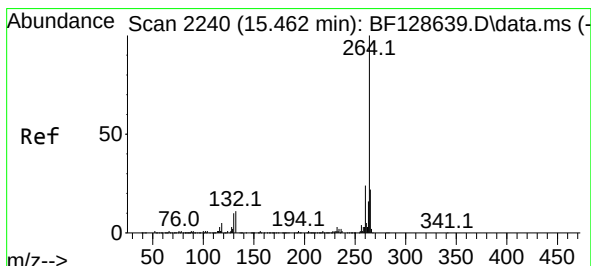
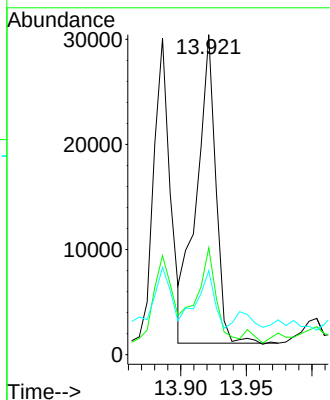
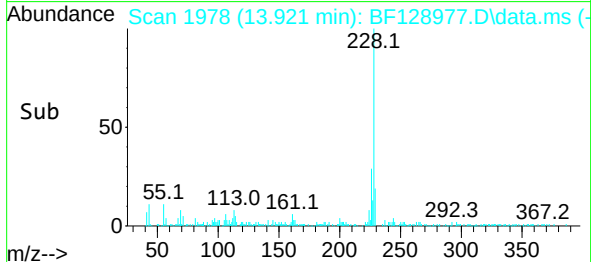
Instrument :
BNA_F
ClientSampleId :
TR-04-062122



Tgt Ion:228 Resp: 30012
Ion Ratio Lower Upper
228 100
226 33.4 24.3 36.5
229 26.3 15.9 23.9

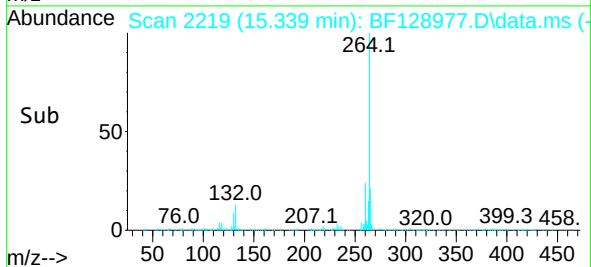
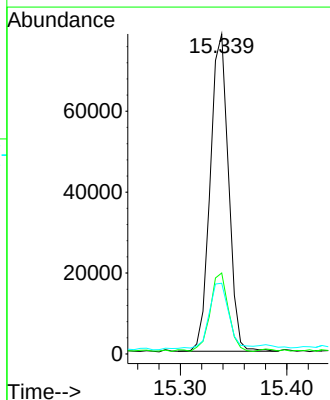
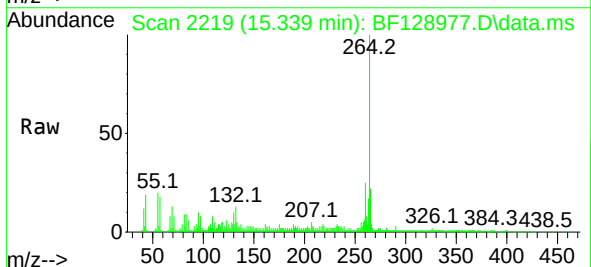
Manual Integrations
APPROVED

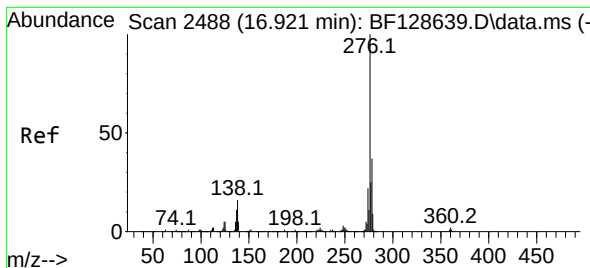
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:264 Resp: 93165
Ion Ratio Lower Upper
264 100
260 25.3 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.454 ng

RT: 16.751 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122

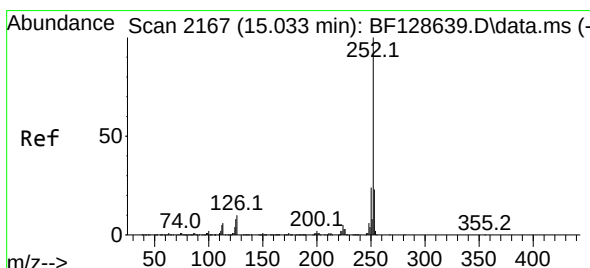
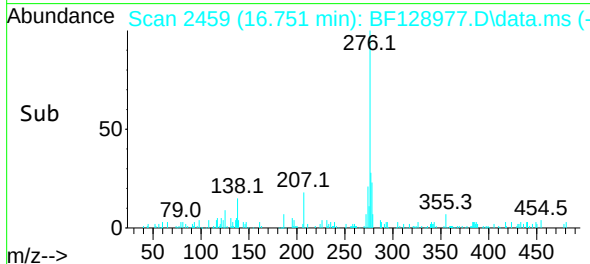
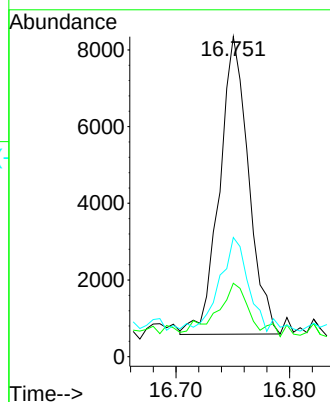
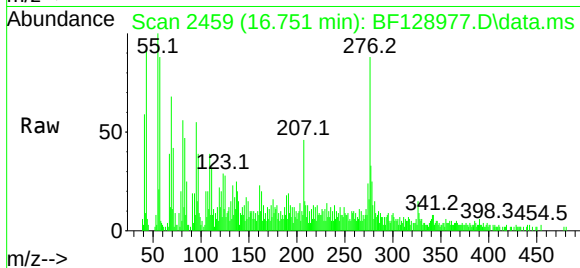
Tgt Ion:	276	Resp:	13778
Ion Ratio	Lower	Upper	
276	100		
138	21.0	21.1	31.7
277	32.5	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#88

Benzo(b)fluoranthene

Concen: 5.194 ng m

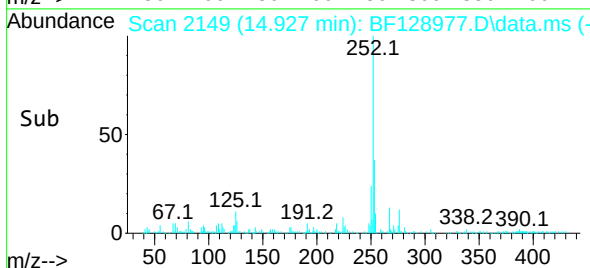
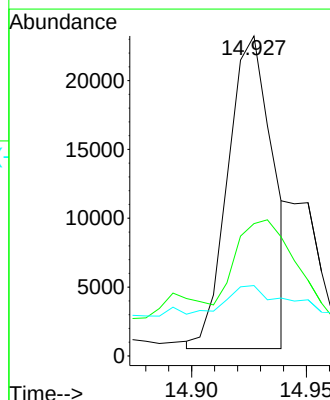
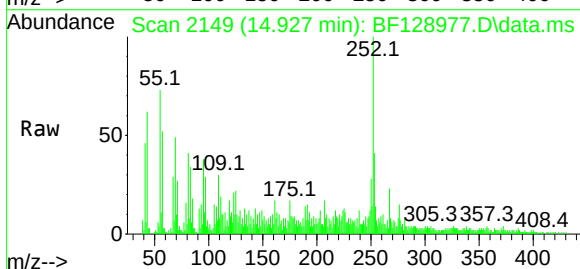
RT: 14.927 min Scan# 2149

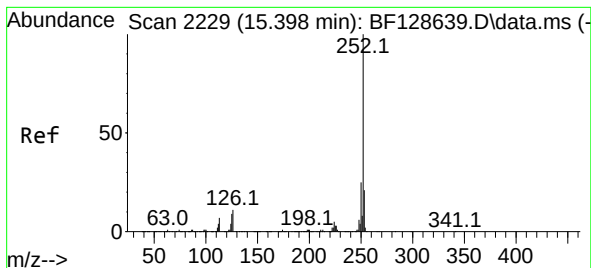
Delta R.T. 0.006 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

Tgt Ion:	252	Resp:	30918
Ion Ratio	Lower	Upper	
252	100		
253	41.3	17.7	26.5
125	22.0	8.0	12.0





#90

Benzo(a)pyrene

Concen: 4.730 ng

RT: 15.274 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122

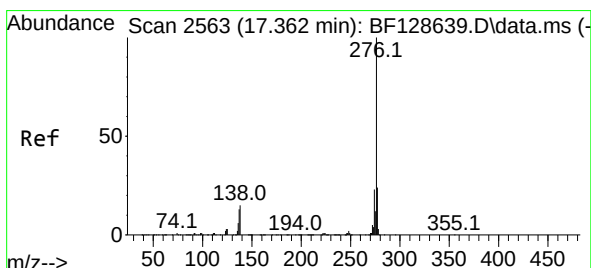
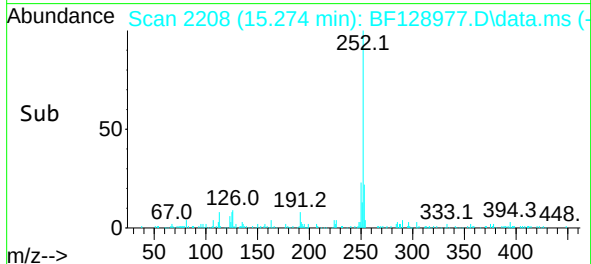
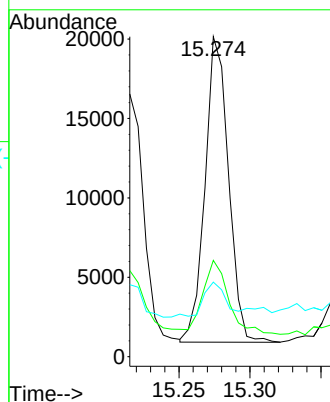
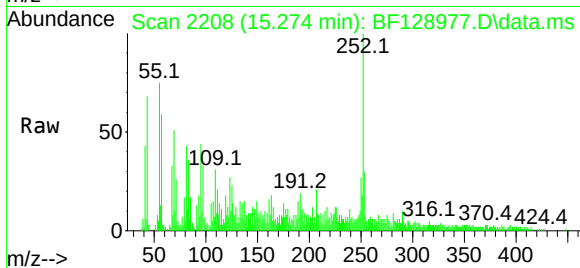
Tgt Ion:	252	Resp:	2213
Ion Ratio	Lower	Upper	
252	100		
253	30.1	17.0	25.6
125	23.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/24/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#92

Benzo(g,h,i)perylene

Concen: 3.306 ng

RT: 17.180 min Scan# 2532

Delta R.T. 0.012 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

Tgt Ion:	276	Resp:	15260
Ion Ratio	Lower	Upper	
276	100		
277	35.7	19.1	28.7
138	20.5	18.0	27.0

