

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129757.D
 Acq On : 12 Aug 2022 22:07
 Operator : CG\JU
 Sample : N4153-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081022

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 13 02:09:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	104548	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	365385	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	189641	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	359509	20.000	ng	0.00
76) Chrysene-d12	14.016	240	284925	20.000	ng	0.00
86) Perylene-d12	15.492	264	203061	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	85521	13.325	ng	0.00
7) Phenol-d6	6.493	99	96718	11.989	ng	0.00
23) Nitrobenzene-d5	7.393	82	53542	7.999	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	24067	13.200	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	110747	9.034	ng	0.00
79) Terphenyl-d14	12.945	244	159613	10.568	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.386	178	64140	3.268	ng	98
75) Fluoranthene	12.580	202	103568	5.209	ng	99
78) Pyrene	12.810	202	146448	6.147	ng	97
81) Benzo(a)anthracene	14.004	228	47733	2.452	ng	# 92
83) Chrysene	14.039	228	53485	2.916	ng	# 95
88) Benzo(b)fluoranthene	15.057	252	37757m	2.803	ng	
90) Benzo(a)pyrene	15.427	252	31164	2.850	ng	# 70

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

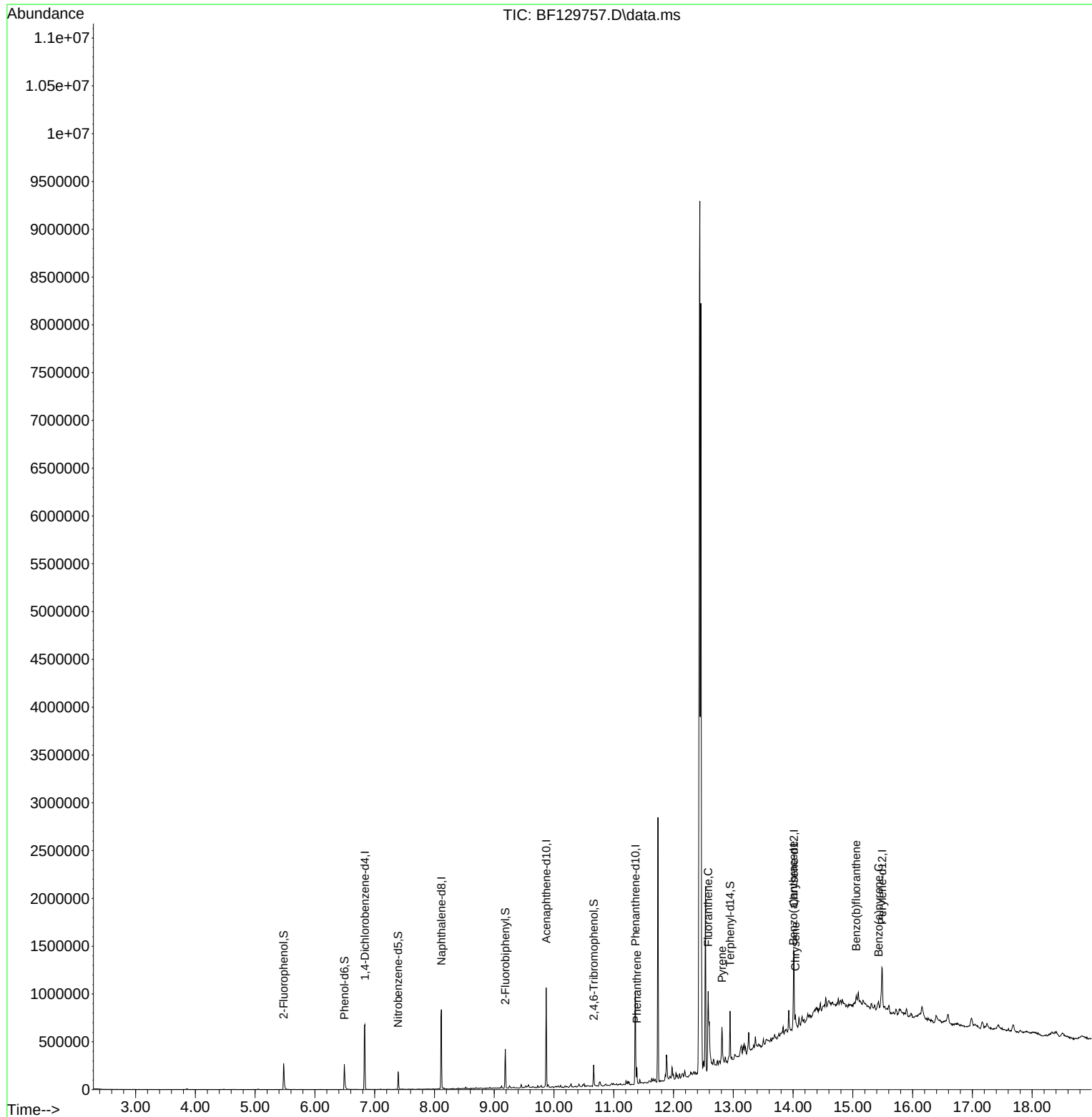
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129757.D
Acq On : 12 Aug 2022 22:07
Operator : CG\JU
Sample : N4153-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

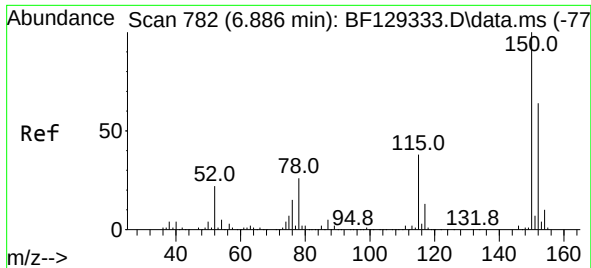
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

Quant Time: Aug 13 02:09:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 12 15:52:45 2022
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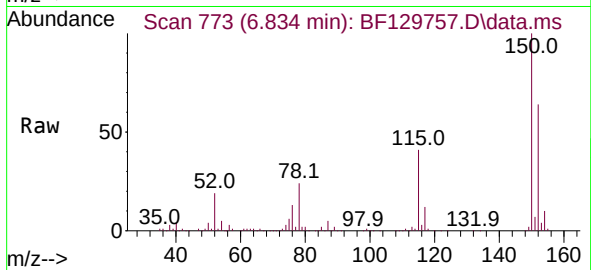
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

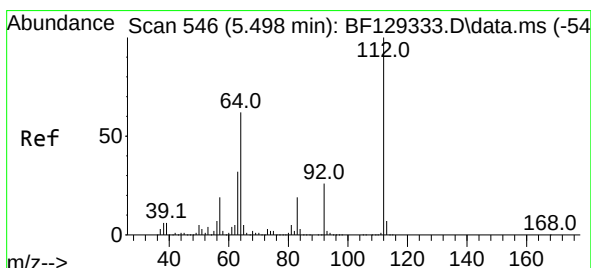
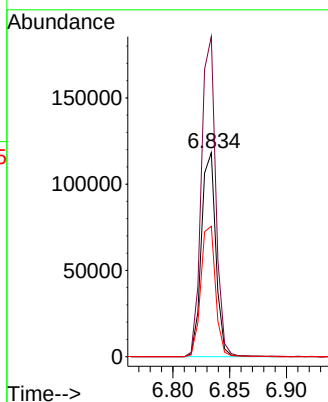
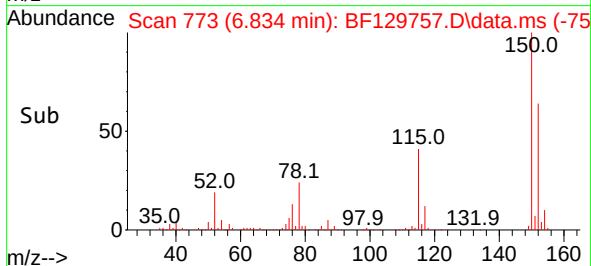
Instrument :
BNA_F
ClientSampleId :
TR-04-081022



Tgt Ion:152 Resp: 104548
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 63.9 49.9 74.9

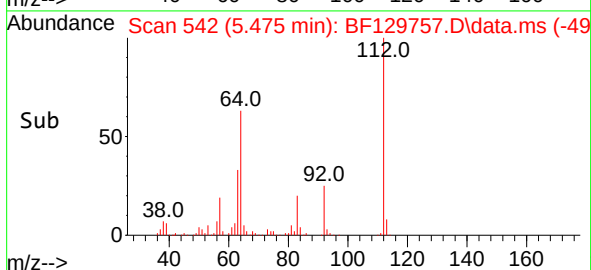
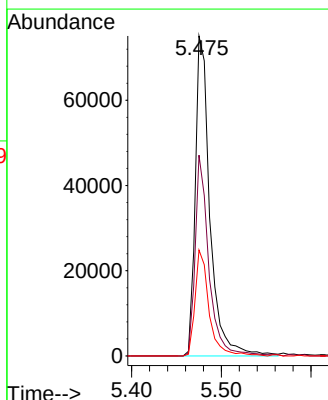
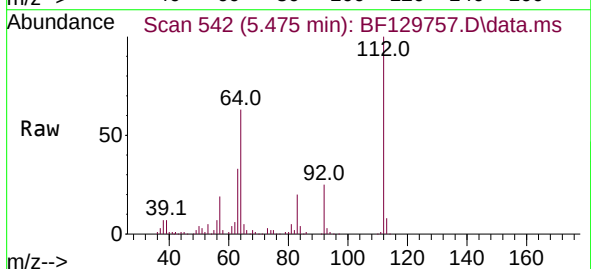
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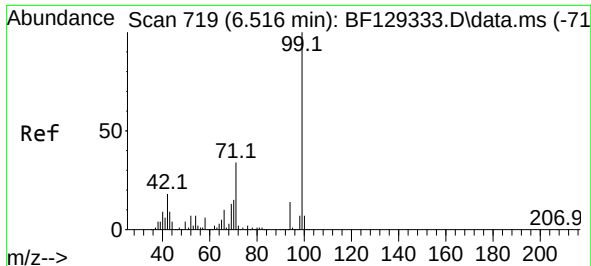
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#5
2-Fluorophenol
Concen: 13.325 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

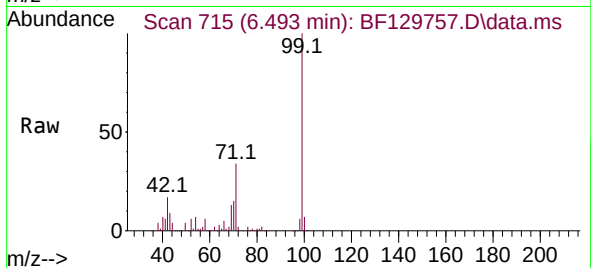
Tgt Ion:112 Resp: 85521
Ion Ratio Lower Upper
112 100
64 62.7 53.3 79.9
63 33.1 28.0 42.0





#7
Phenol-d6
Concen: 11.989 ng
RT: 6.493 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

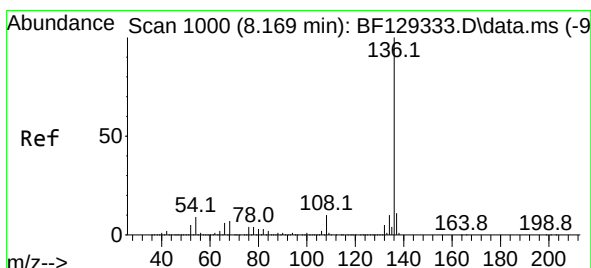
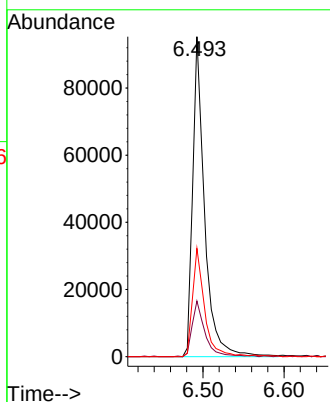
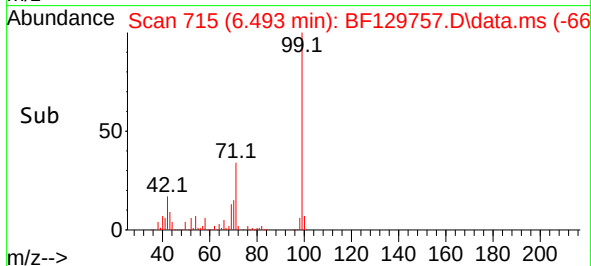
Instrument :
BNA_F
ClientSampleId :
TR-04-081022



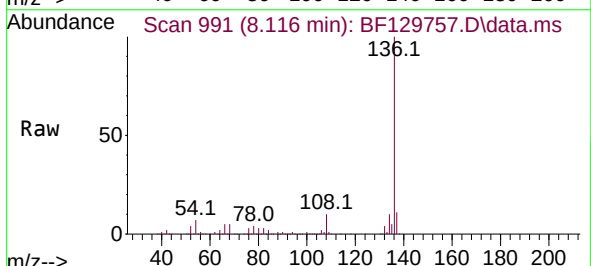
Tgt Ion: 99 Resp: 96718
Ion Ratio Lower Upper
99 100
42 17.4 17.3 25.9
71 33.8 28.9 43.3

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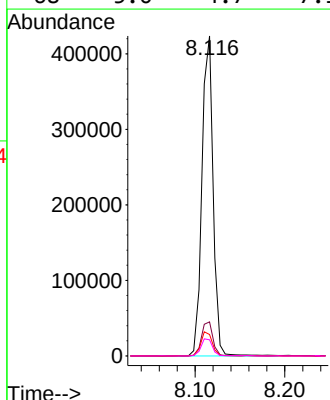
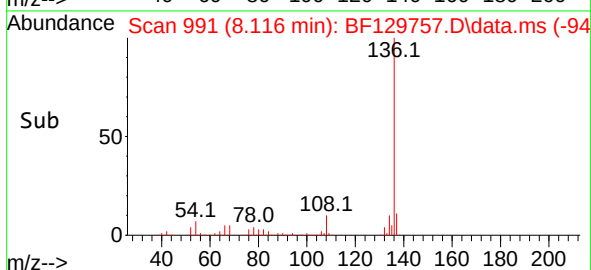
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

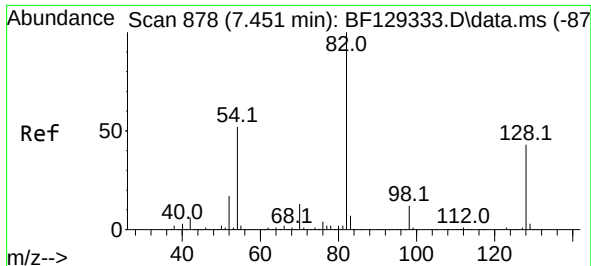


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07



Tgt Ion:136 Resp: 365385
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.7 7.5 11.3#
68 5.0 4.7 7.1





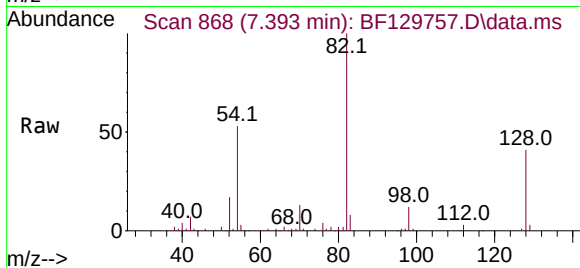
#23
Nitrobenzene-d5
Concen: 7.999 ng
RT: 7.393 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

TR-04-081022

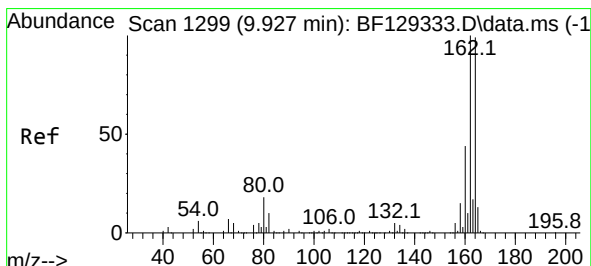
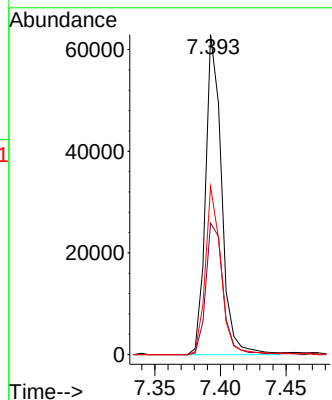
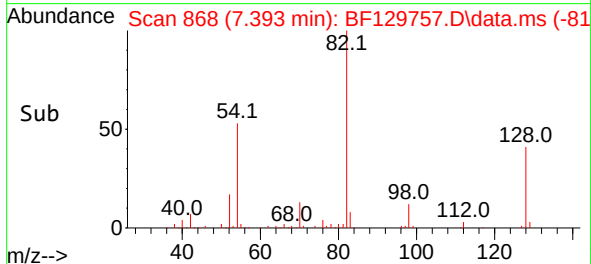


Tgt Ion: 82 Resp: 53542
Ion Ratio Lower Upper
82 100
128 41.1 34.0 51.0
54 52.6 46.9 70.3

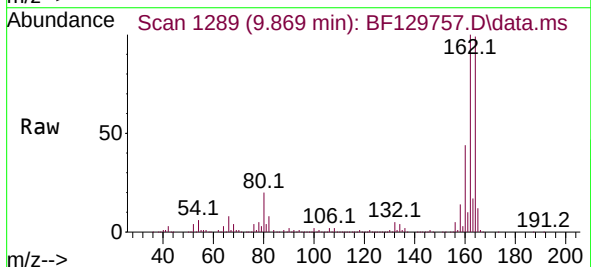
Manual Integrations

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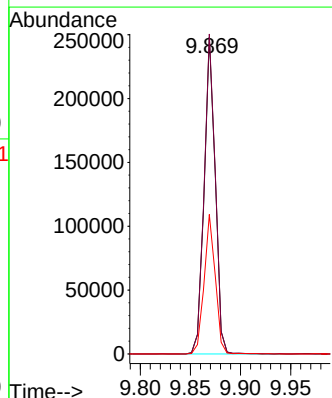
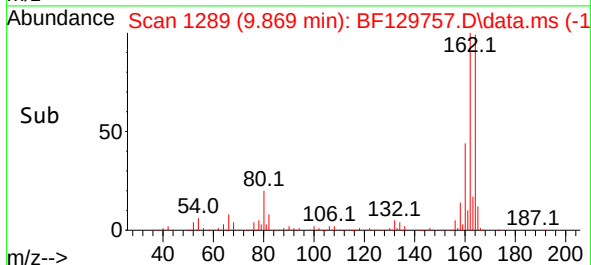
Reviewed By :Jagrut Upadhyay 08/15/2022
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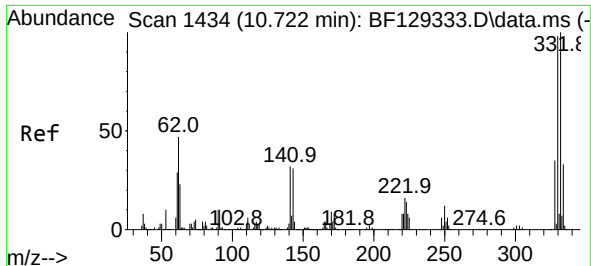


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07



Tgt Ion:164 Resp: 189641
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 13.200 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

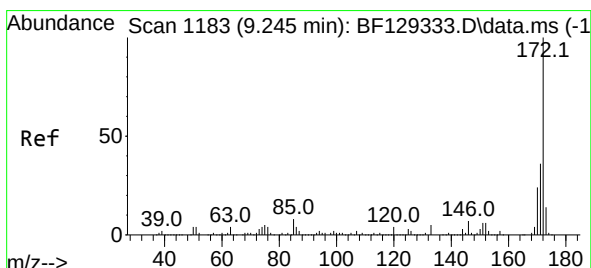
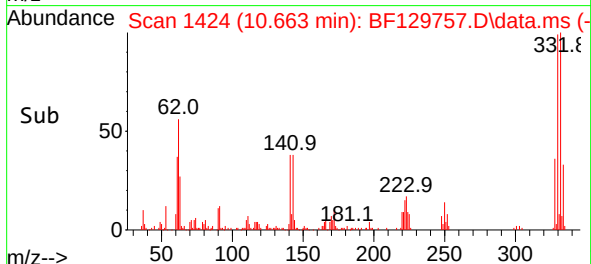
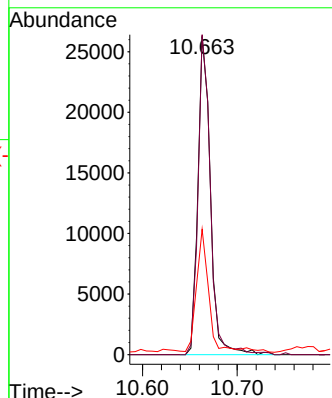
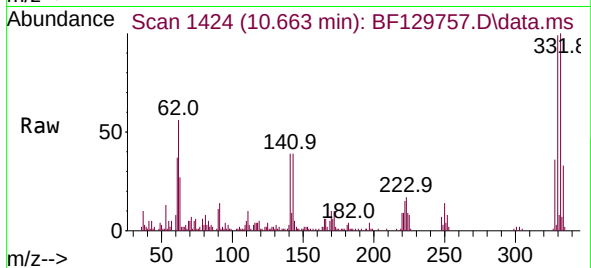
TR-04-081022

Tgt Ion: 330 Resp: 24062
Ion Ratio Lower Upper
330 100
332 99.6 76.8 115.2
141 35.5 28.0 42.0

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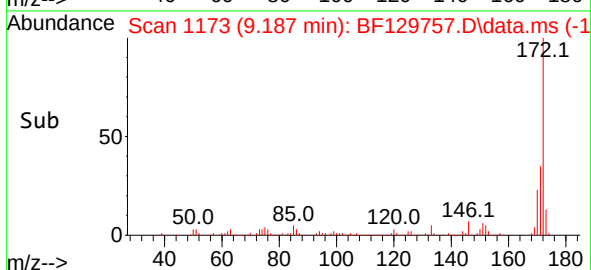
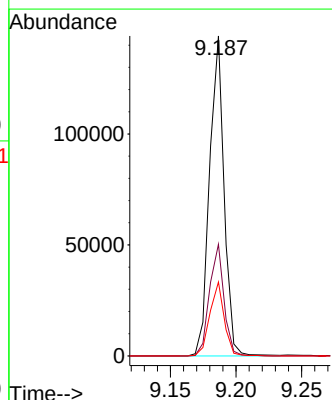
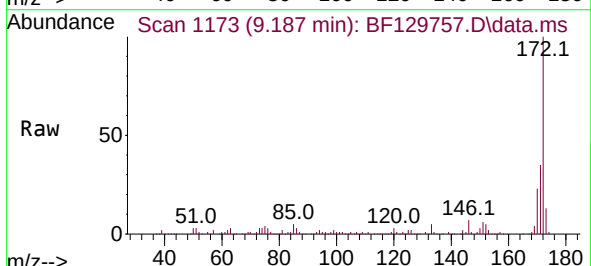
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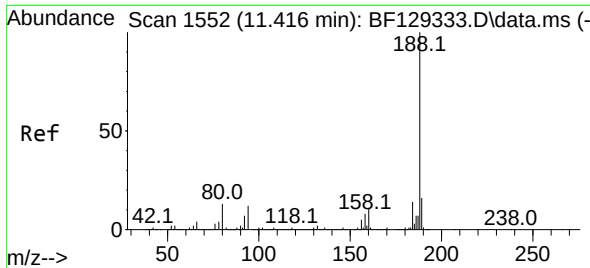
Reviewed By : Jagrut Upadhyay 08/15/2022
Supervised By : Sohil Jodhani 08/16/2022



#45
2-Fluorobiphenyl
Concen: 9.034 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion: 172 Resp: 110747
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

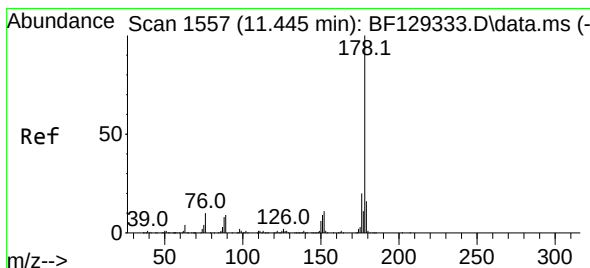
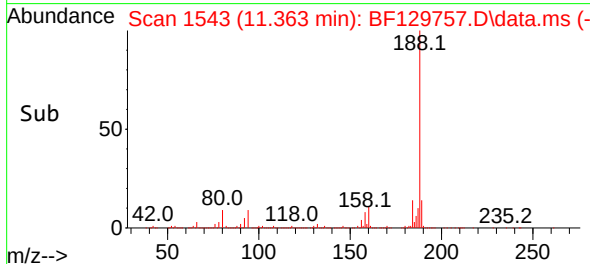
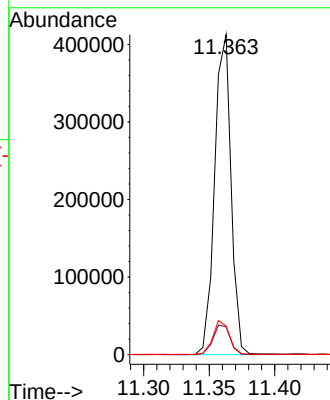
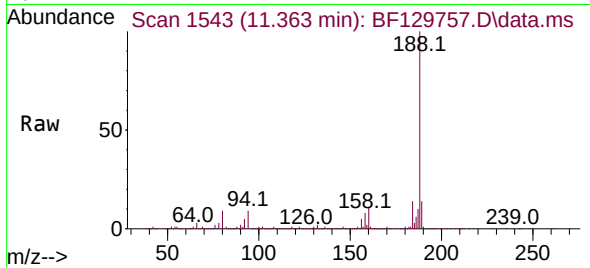
TR-04-081022

Tgt Ion:188 Resp: 359509
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 8.9 7.6 11.4

Manual Integrations

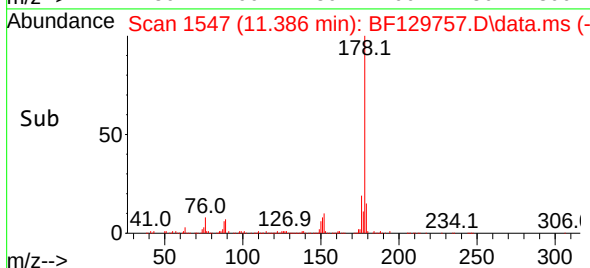
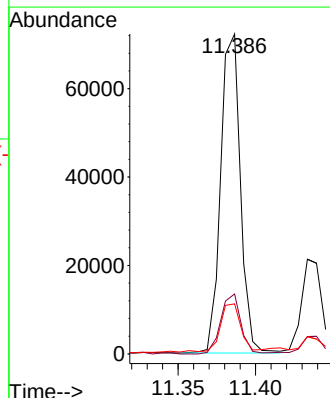
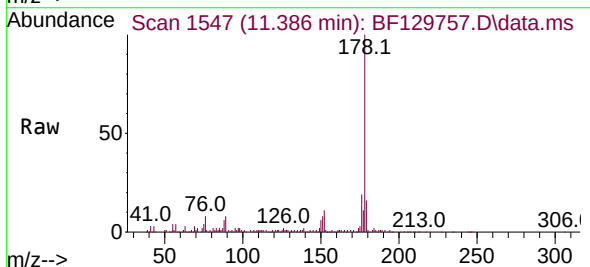
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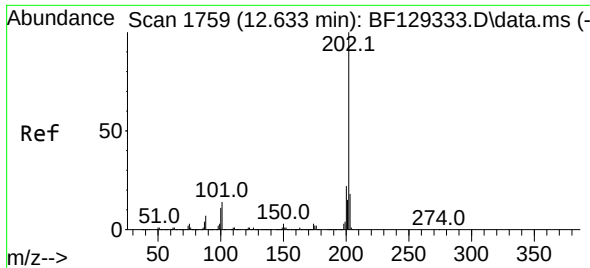
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#71
Phenanthrene
Concen: 3.268 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:178 Resp: 64140
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.6 12.6 19.0





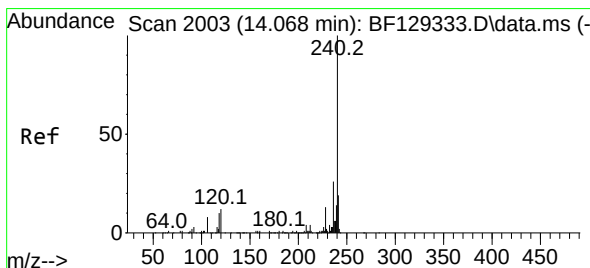
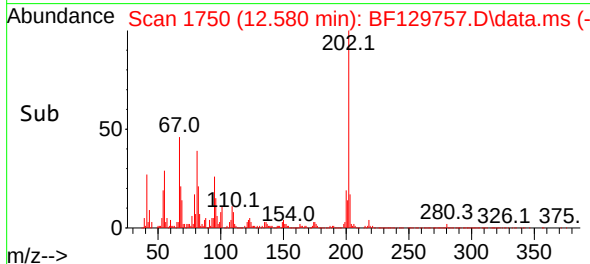
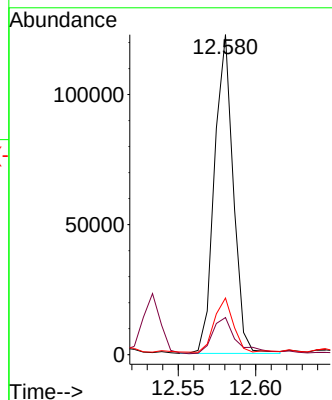
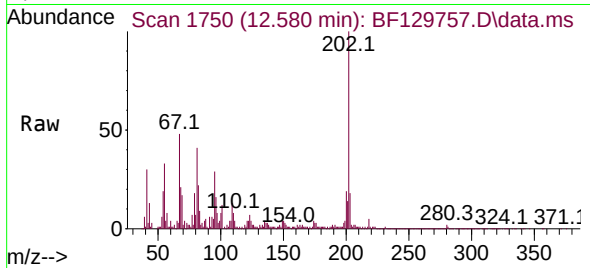
#75
Fluoranthene
Concen: 5.209 ng
RT: 12.580 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Instrument :
BNA_F
ClientSampleId :
TR-04-081022

Tgt Ion:202 Resp: 103568
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.7 0.0 38.0

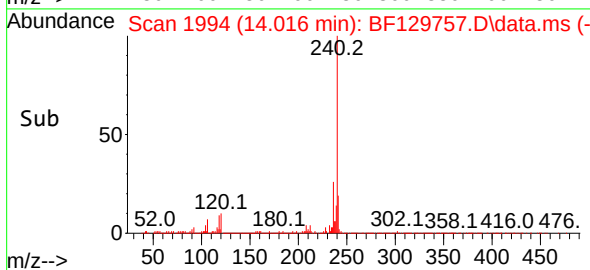
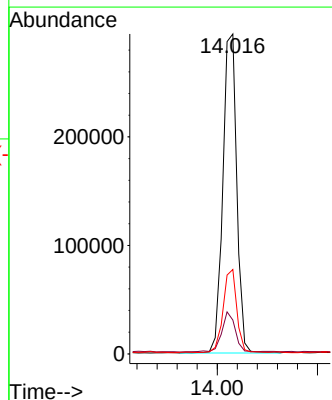
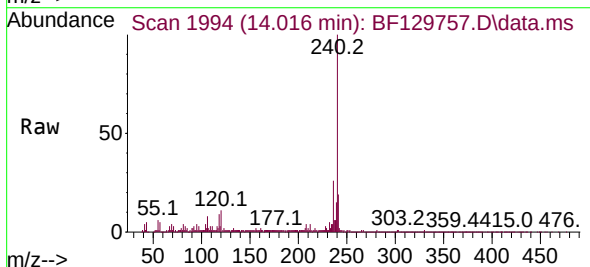
Manual Integrations
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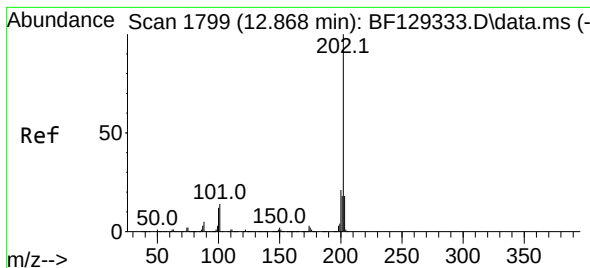
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:240 Resp: 284925
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.4 20.8 31.2





#78

Pyrene

Concen: 6.147 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF129757.D

Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

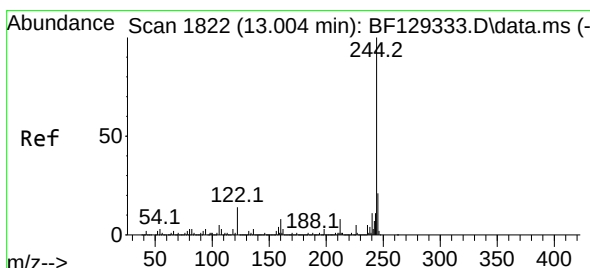
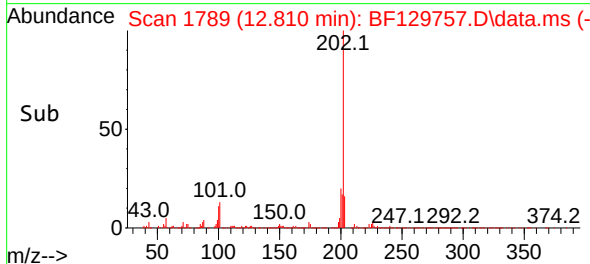
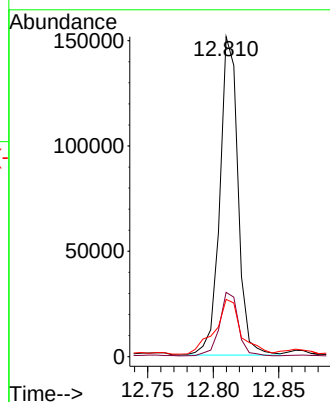
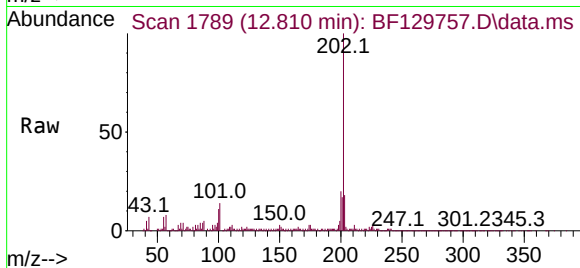
TR-04-081022

Tgt Ion:202 Resp: 146448
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.7 26.5
 203 17.9 14.6 21.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022



#79

Terphenyl-d14

Concen: 10.568 ng

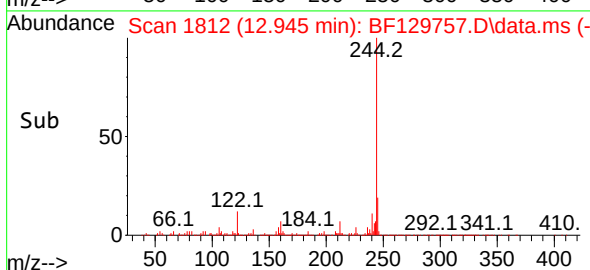
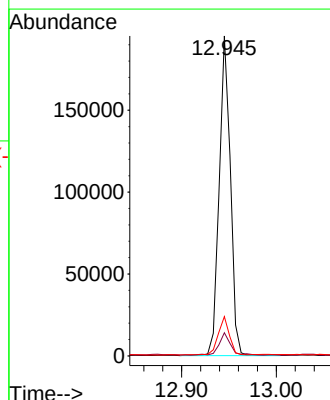
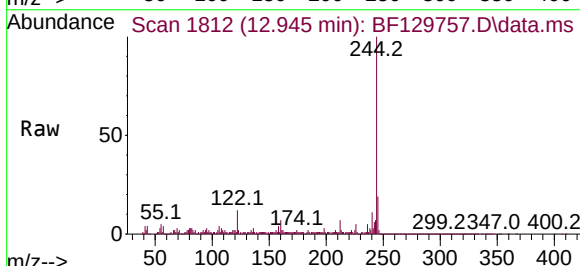
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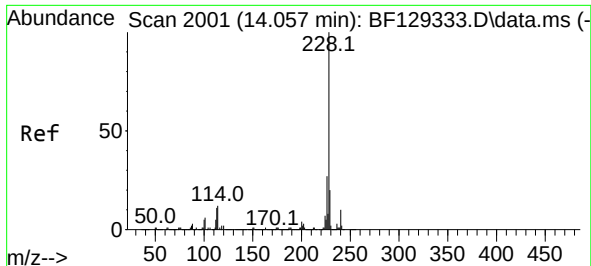
Delta R.T. 0.000 min

Lab File: BF129757.D

Acq: 12 Aug 2022 22:07

Tgt Ion:244 Resp: 159613
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.452 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Instrument :

BNF

ClientSampleId :

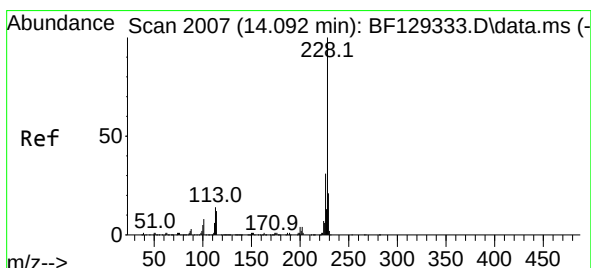
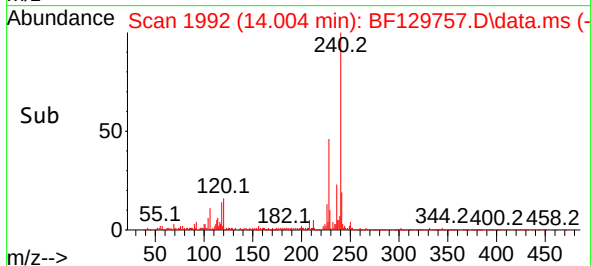
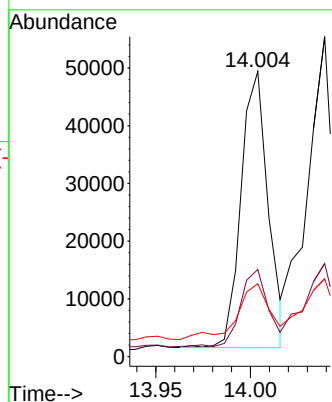
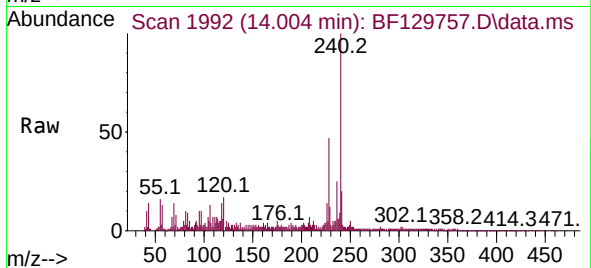
TR-04-081022

Tgt Ion:228 Resp: 47733
Ion Ratio Lower Upper
228 100
226 30.5 22.1 33.1
229 25.5 15.8 23.8

Manual Integrations

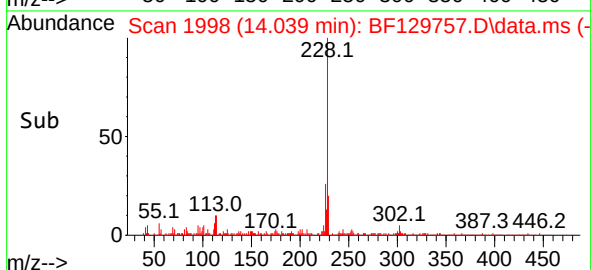
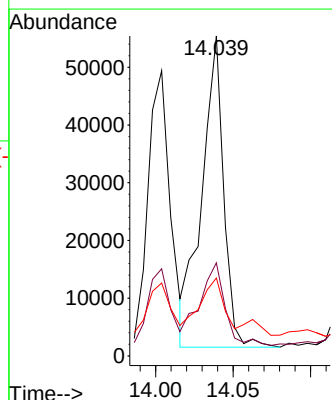
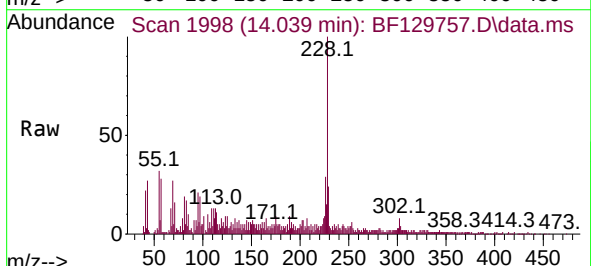
APPROVED

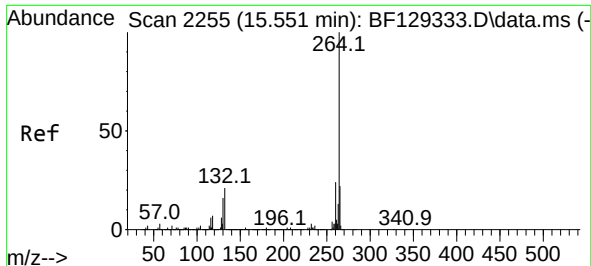
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#83
Chrysene
Concen: 2.916 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:228 Resp: 53485
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 24.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Instrument :

BNF

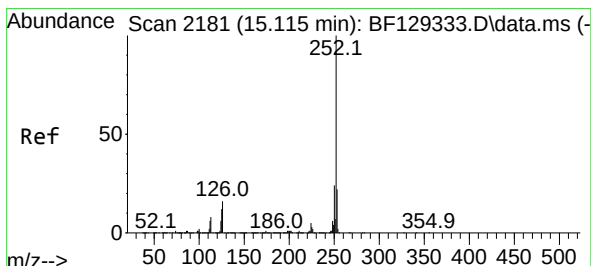
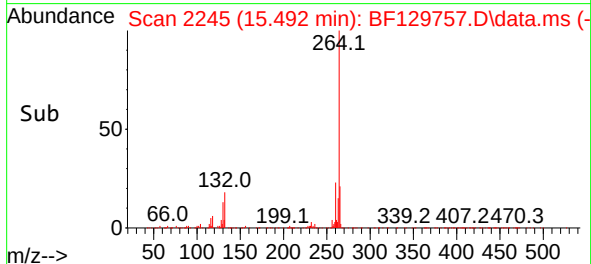
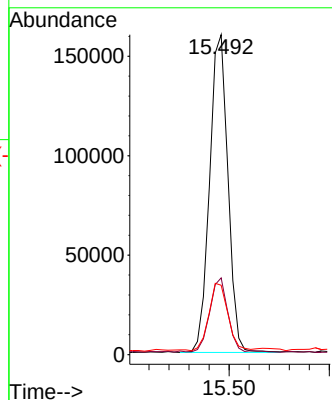
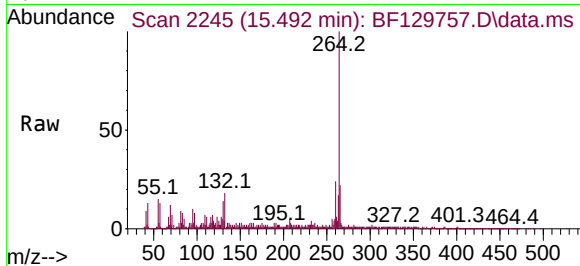
ClientSampleId :

TR-04-081022

Tgt Ion:264 Resp: 203061
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.7 17.2 25.8

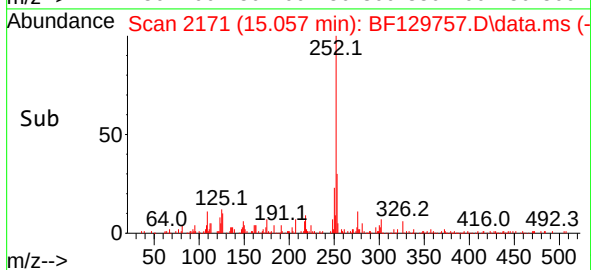
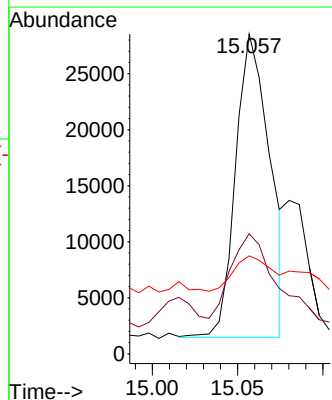
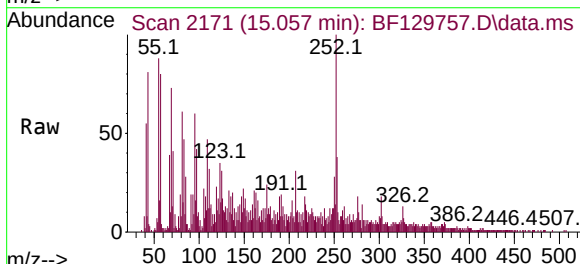
Manual Integrations
APPROVED

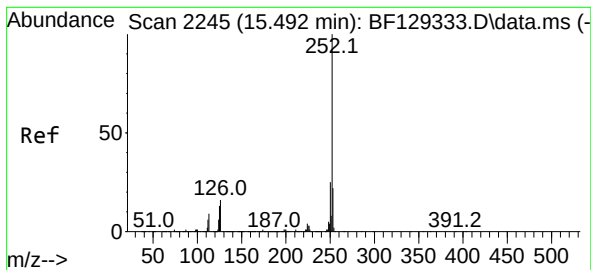
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#88
Benzo(b)fluoranthene
Concen: 2.803 ng m
RT: 15.057 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:252 Resp: 37757
Ion Ratio Lower Upper
252 100
253 37.5 17.7 26.5#
125 30.6 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.850 ng

RT: 15.427 min Scan# 22

Delta R.T. 0.006 min

Lab File: BF129757.D

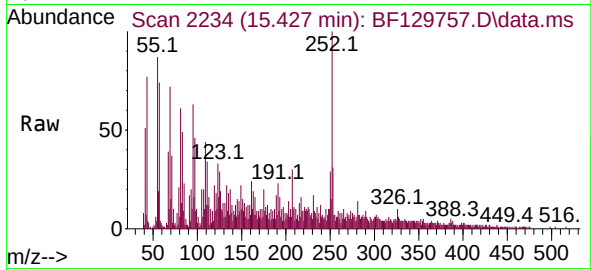
Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

TR-04-081022



Tgt Ion:	252	Resp:	31164
Ion Ratio	Lower	Upper	
252	100		
253	31.1	17.0	25.6
125	29.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

