

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129932.D
 Acq On : 20 Aug 2022 03:26
 Operator : CG\JU
 Sample : N4240-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-081722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 08:00:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	162166	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	623235	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	292059	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	396625	20.000	ng	0.00
76) Chrysene-d12	13.957	240	280798	20.000	ng	0.00
86) Perylene-d12	15.415	264	226806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1022123	104.358	ng	0.00
7) Phenol-d6	6.445	99	1245215	101.523	ng	0.00
23) Nitrobenzene-d5	7.357	82	793577	68.163	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	253569	86.505	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1383629	71.953	ng	0.00
79) Terphenyl-d14	12.898	244	1008634	59.769	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	44735	2.020	ng	97
75) Fluoranthene	12.527	202	93821	4.139	ng	96
78) Pyrene	12.763	202	99813	4.091	ng	99
81) Benzo(a)anthracene	13.951	228	42799	2.216	ng	95
83) Chrysene	13.986	228	47079m	2.604	ng	
88) Benzo(b)fluoranthene	14.998	252	57638m	3.711	ng	
90) Benzo(a)pyrene	15.357	252	35926	2.937	ng	# 92

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

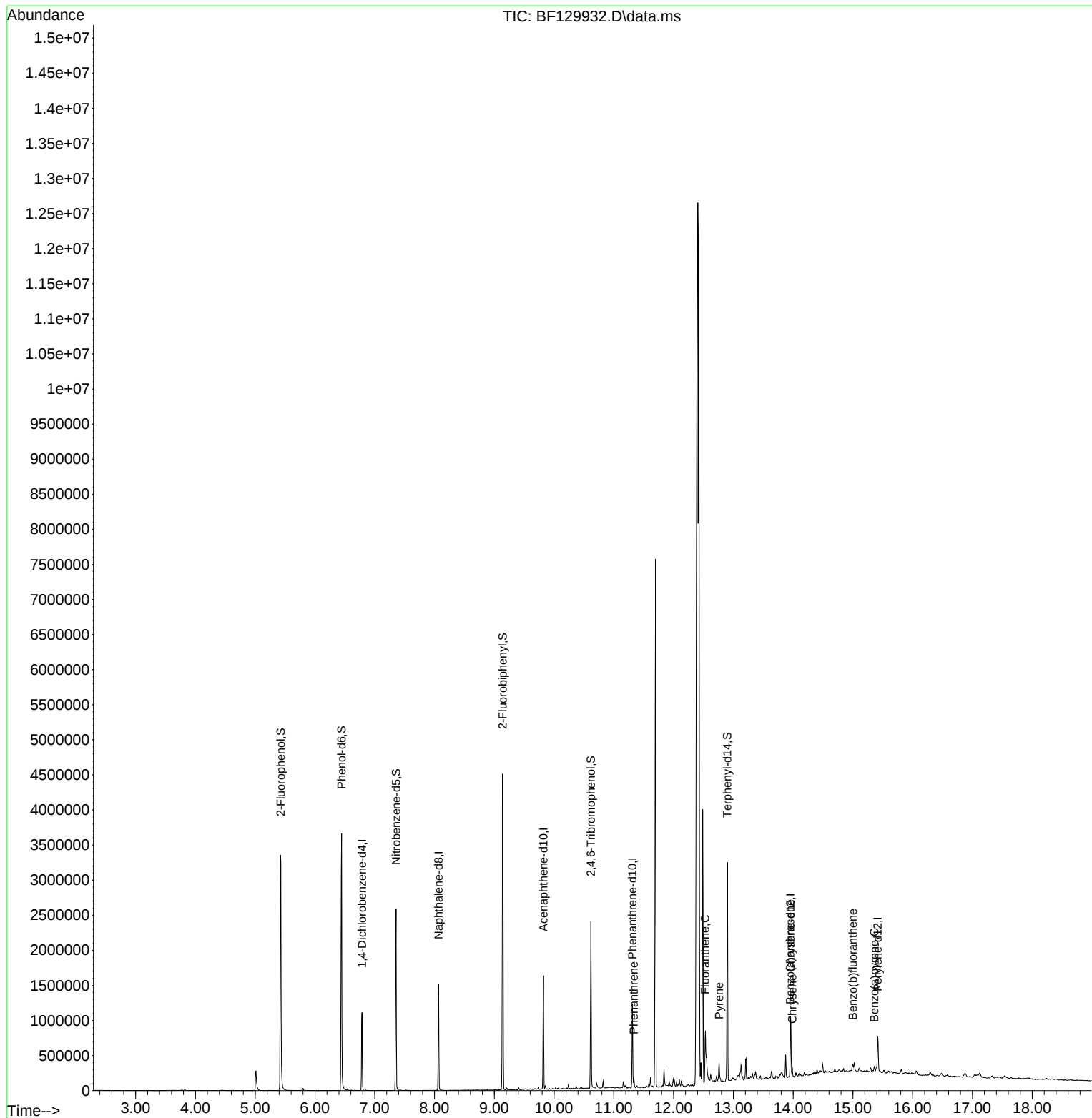
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129932.D
Acq On : 20 Aug 2022 03:26
Operator : CG\JU
Sample : N4240-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

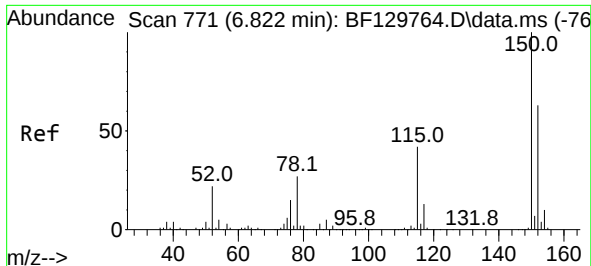
Instrument :
BNA_F
ClientSampleId :
TR-06-081722

Quant Time: Aug 20 08:00:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration

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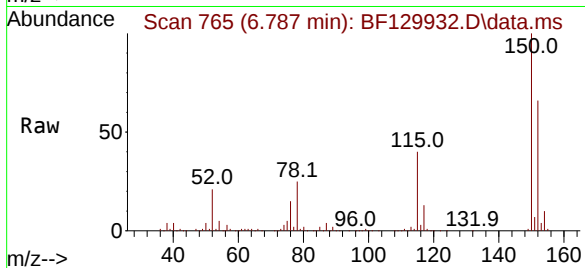
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

TR-06-081722

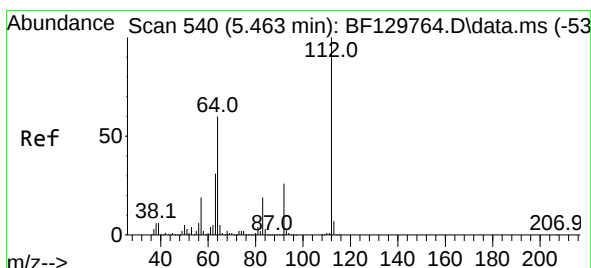
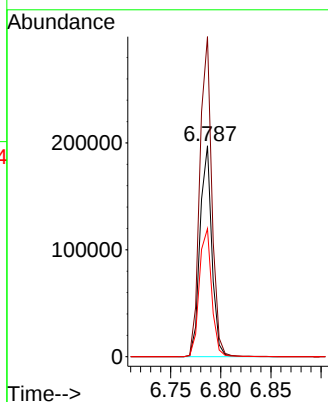
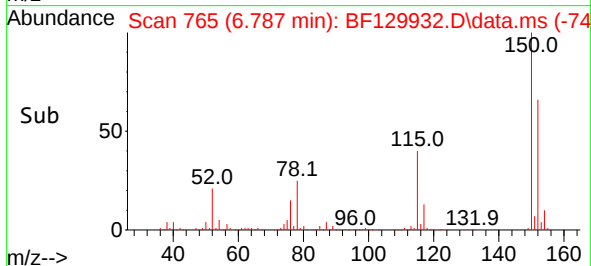


Tgt Ion:152 Resp: 162160
Ion Ratio Lower Upper
152 100
150 151.8 126.9 190.3
115 60.7 53.4 80.0

Manual Integrations

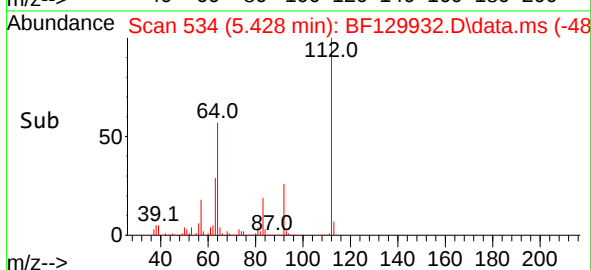
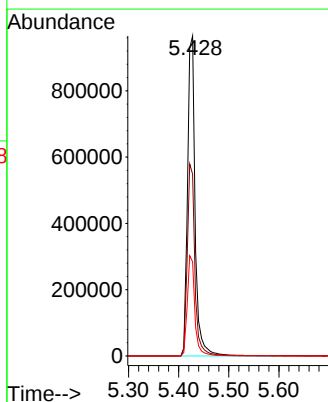
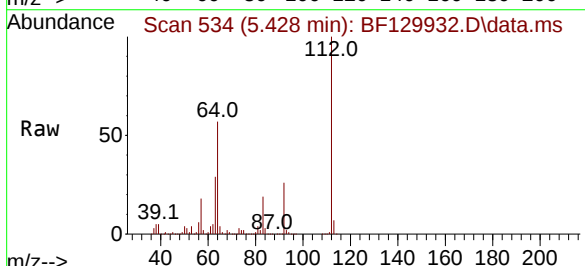
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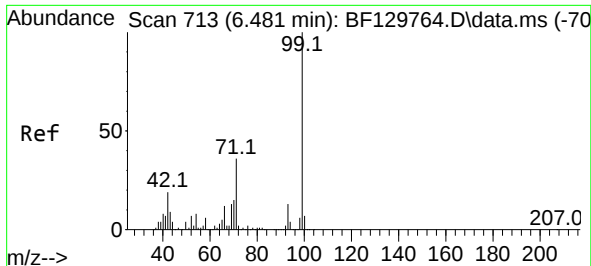
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#5
2-Fluorophenol
Concen: 104.358 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

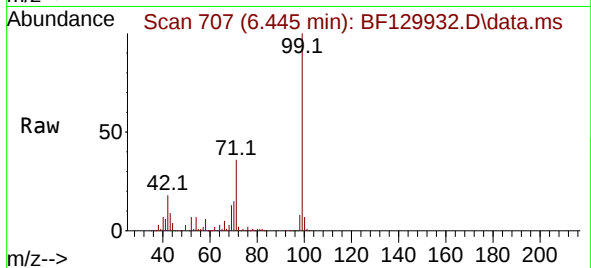
Tgt Ion:112 Resp: 1022123
Ion Ratio Lower Upper
112 100
64 56.8 47.6 71.4
63 29.4 24.6 37.0





#7
Phenol-d6
Concen: 101.523 ng
RT: 6.445 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

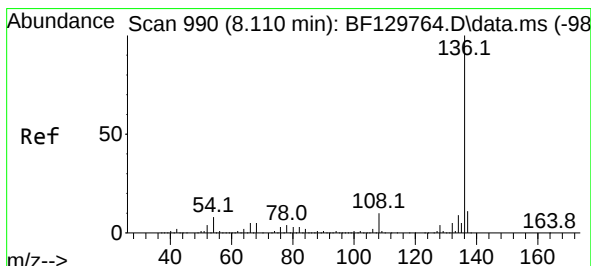
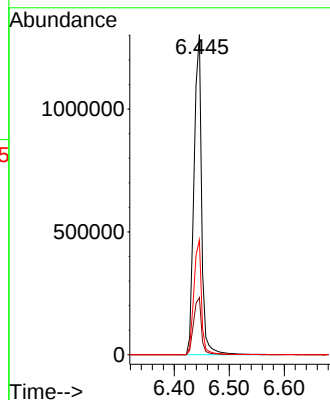
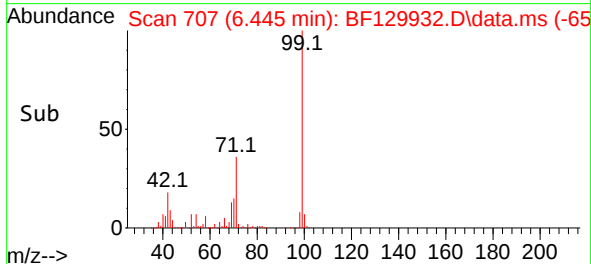
Instrument :
BNA_F
ClientSampleId :
TR-06-081722



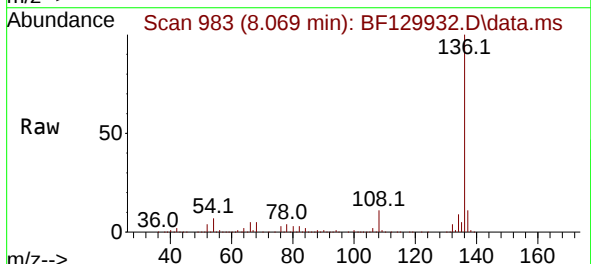
Tgt Ion: 99 Resp: 1245215
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 35.9 28.8 43.2

Manual Integrations
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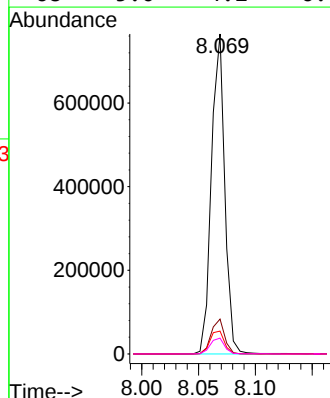
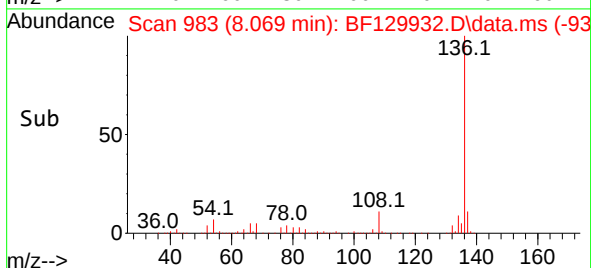
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

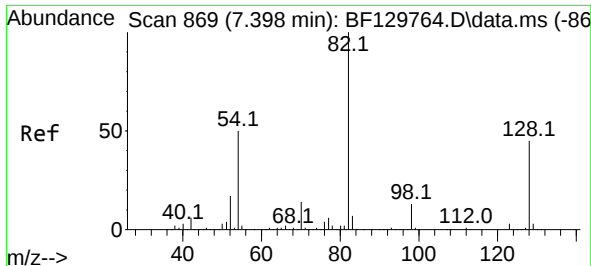


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26



Tgt Ion:136 Resp: 623235
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.2 6.2 9.2
68 5.0 4.2 6.4





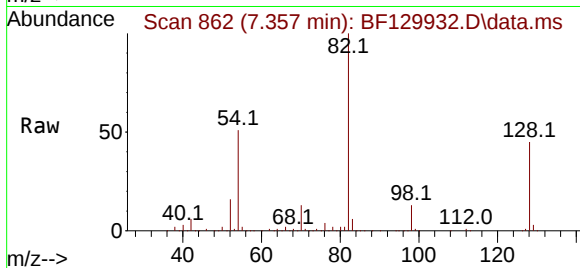
#23
Nitrobenzene-d5
Concen: 68.163 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

TR-06-081722

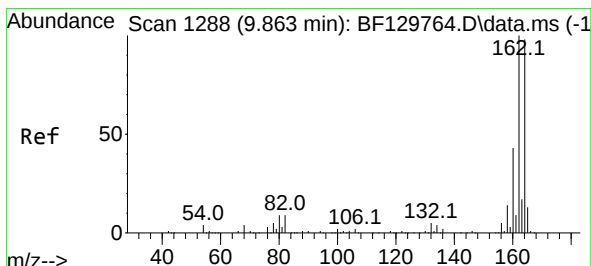
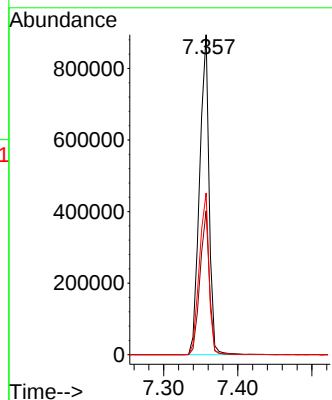
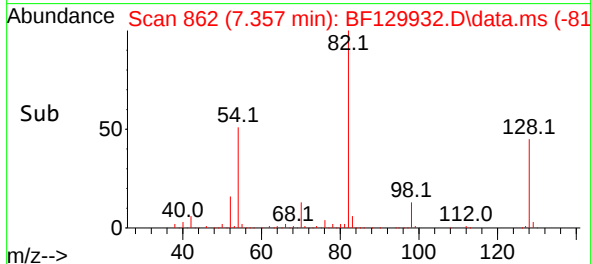


Tgt Ion: 82 Resp: 79357
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 50.5 40.0 60.0

Manual Integrations

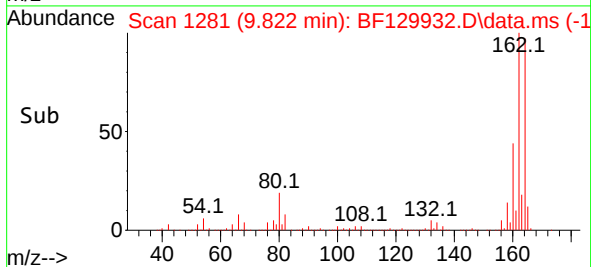
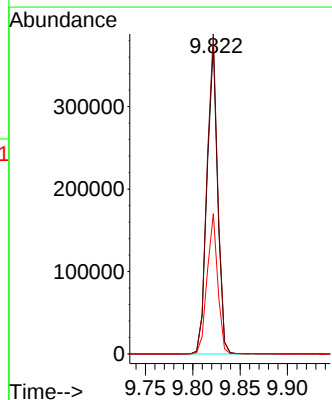
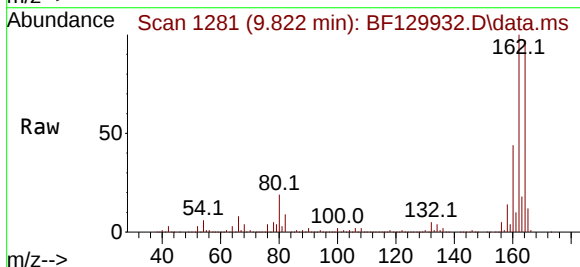
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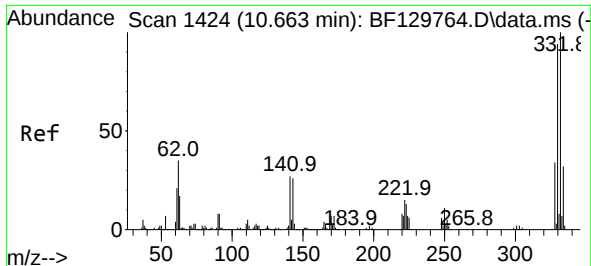
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Tgt Ion:164 Resp: 292059
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 45.3 35.4 53.0





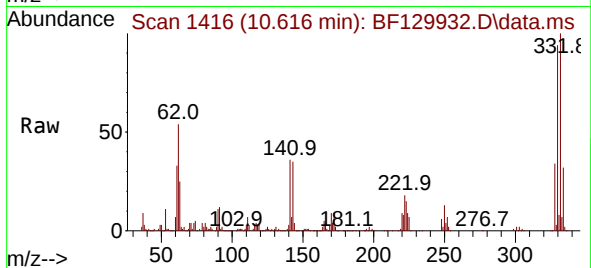
#42
2,4,6-Tribromophenol
Concen: 86.505 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Instrument :

BNA_F

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TR-06-081722

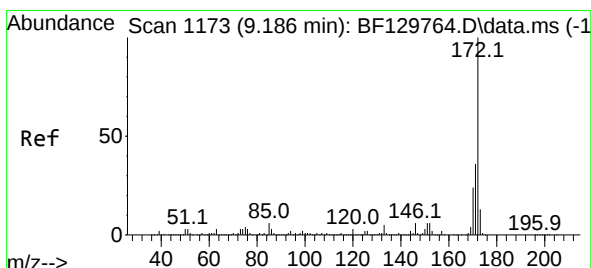
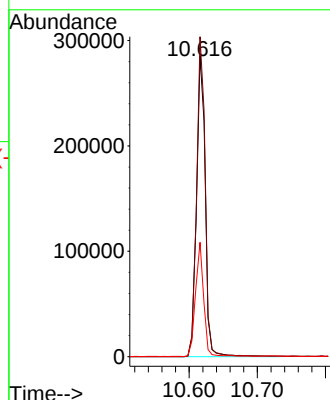


Tgt Ion: 330 Resp: 253569
Ion Ratio Lower Upper
330 100
332 104.6 82.6 124.0
141 35.4 27.6 41.4

Manual Integrations

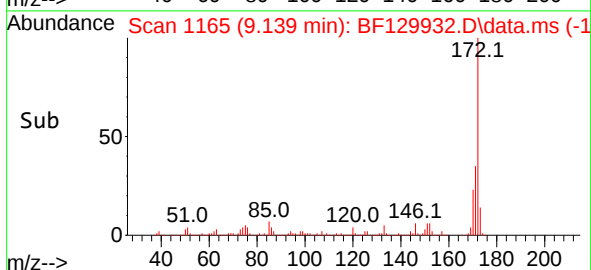
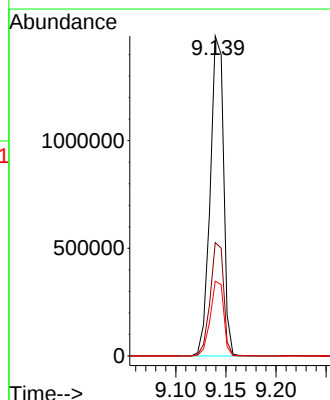
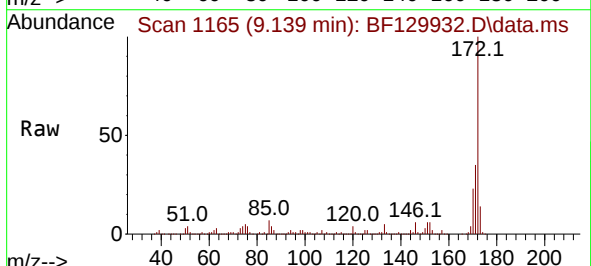
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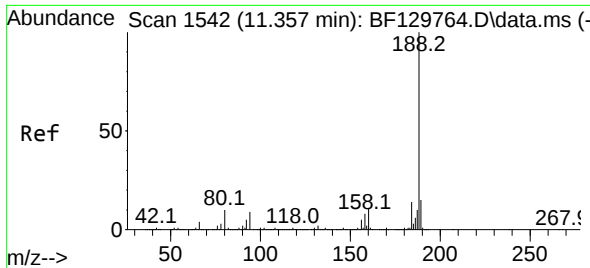
Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022



#45
2-Fluorobiphenyl
Concen: 71.953 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Tgt Ion: 172 Resp: 1383629
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.1 28.7





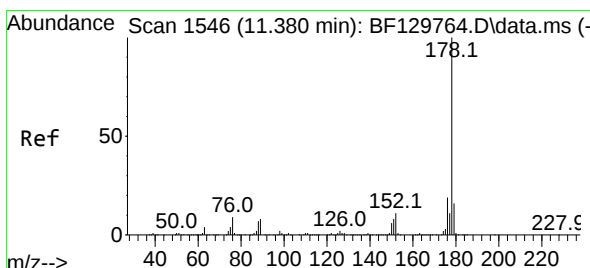
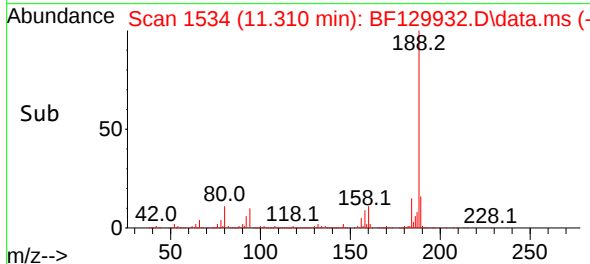
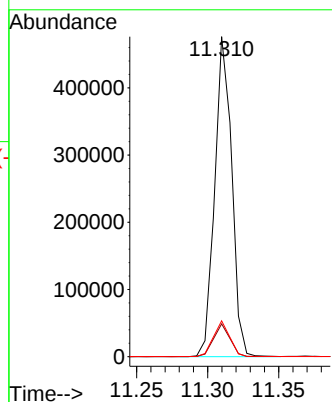
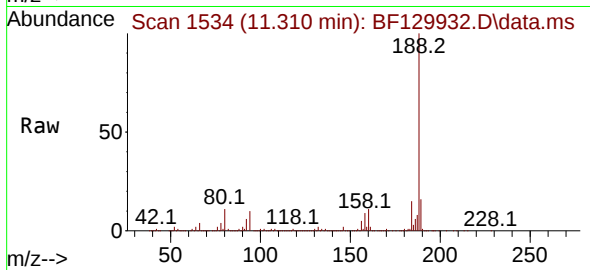
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Instrument :
BNA_F
ClientSampleId :
TR-06-081722

Tgt Ion:188 Resp: 39662
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.2 7.9 11.9

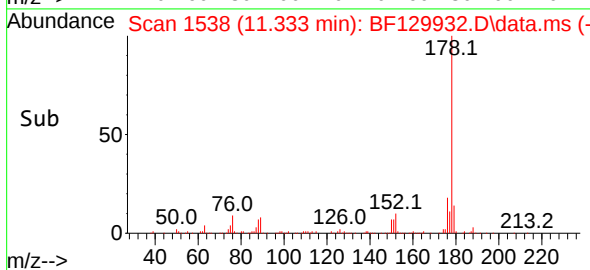
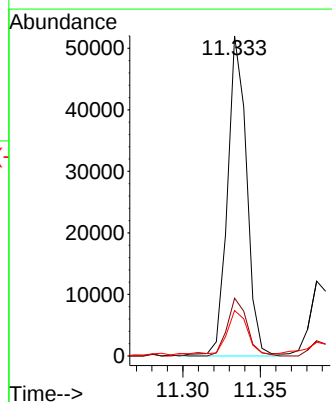
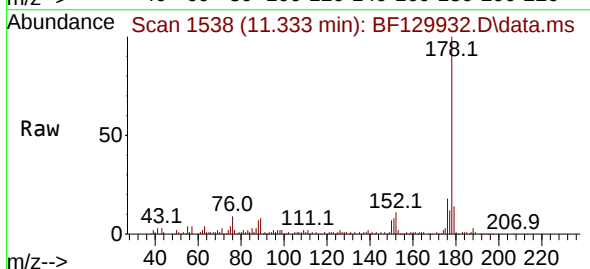
Manual Integrations
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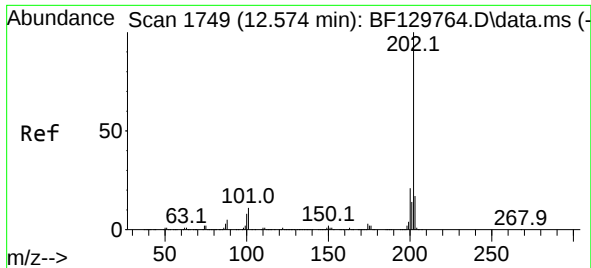
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#71
Phenanthrene
Concen: 2.020 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

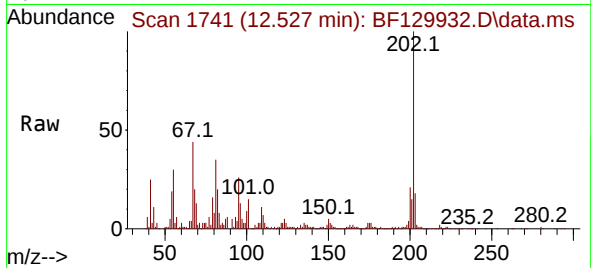
Tgt Ion:178 Resp: 44735
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 14.2 12.5 18.7





#75
Fluoranthene
Concen: 4.139 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

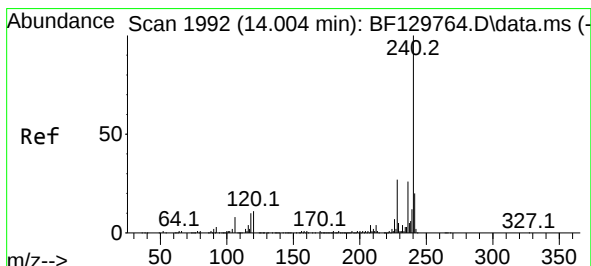
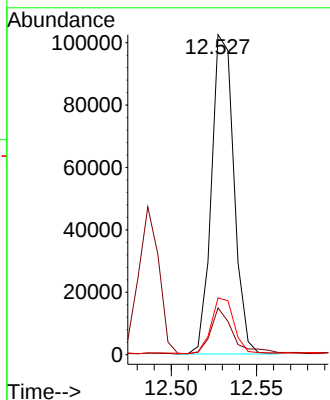
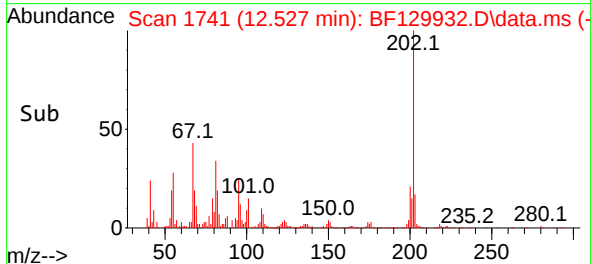
Instrument :
BNA_F
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TR-06-081722



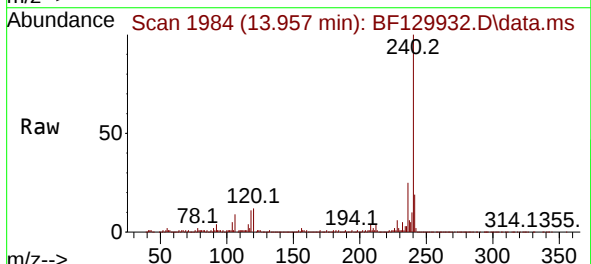
Tgt Ion:202 Resp: 9382
Ion Ratio Lower Upper
202 100
101 14.6 0.0 30.7
203 17.7 0.0 37.5

Manual Integrations
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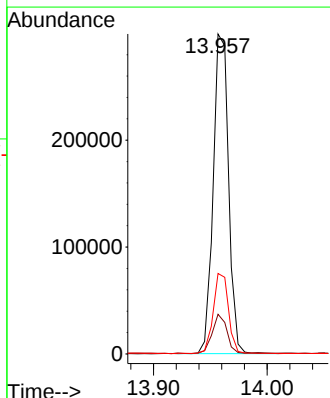
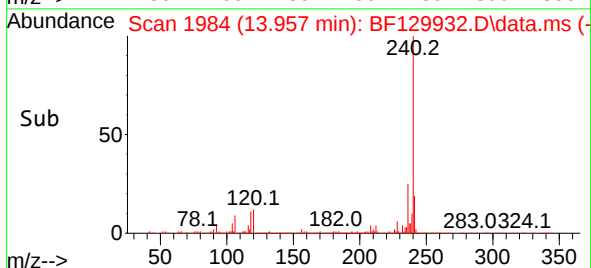
Reviewed By :Christian Giraldo 08/22/2022
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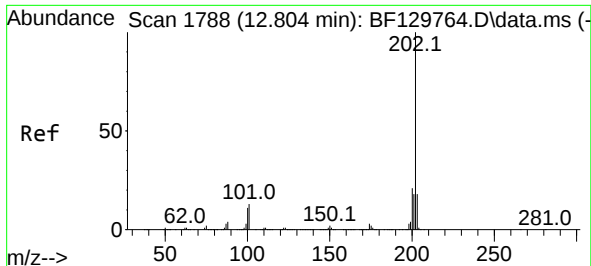


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26



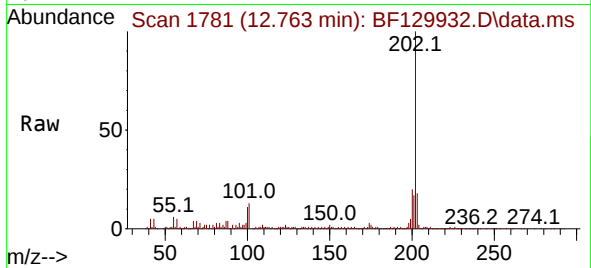
Tgt Ion:240 Resp: 280798
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.2 20.7 31.1





#78
Pyrene
Concen: 4.091 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

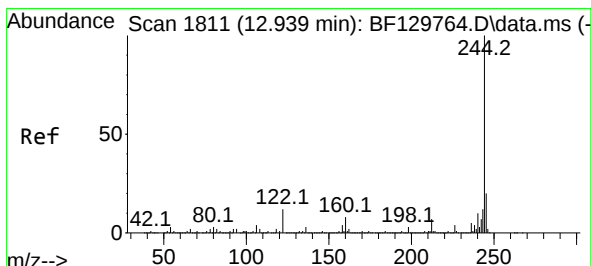
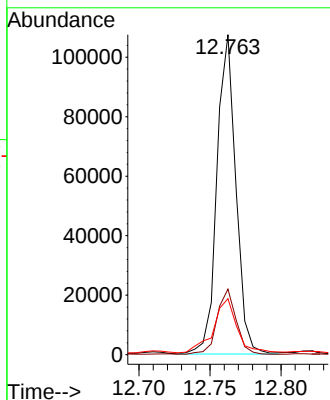
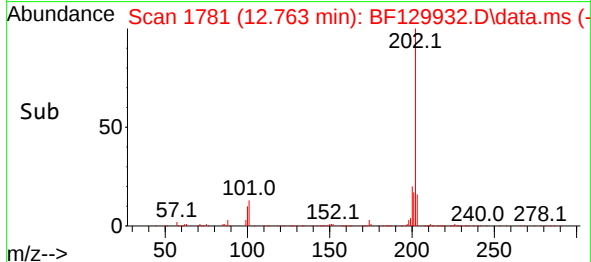
Instrument :
BNA_F
ClientSampleId :
TR-06-081722



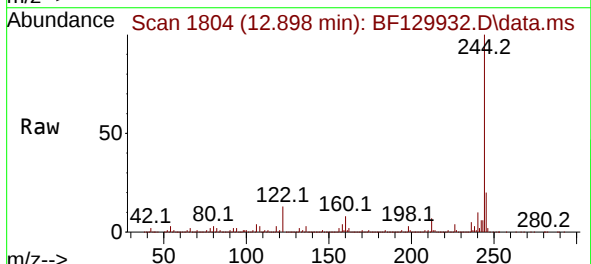
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Ion Ratio Lower Upper
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200 20.5 17.0 25.6
203 17.5 14.1 21.1

Manual Integrations
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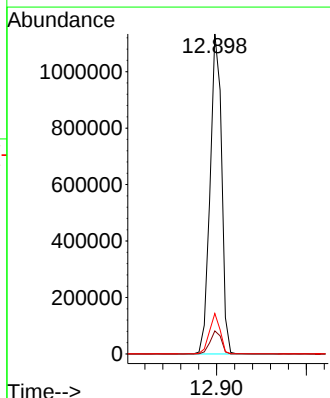
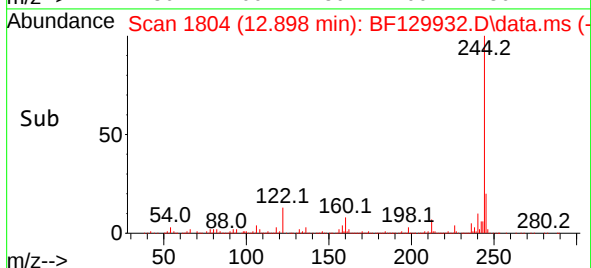
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

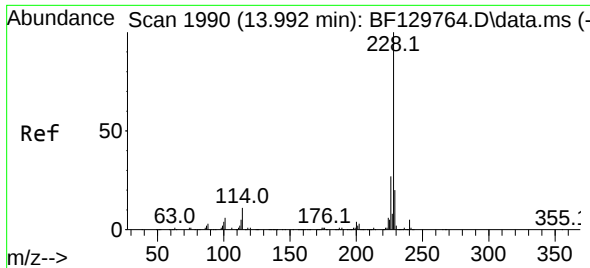


#79
Terphenyl-d14
Concen: 59.769 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26



Tgt Ion:244 Resp: 1008634
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.7 9.9 14.9





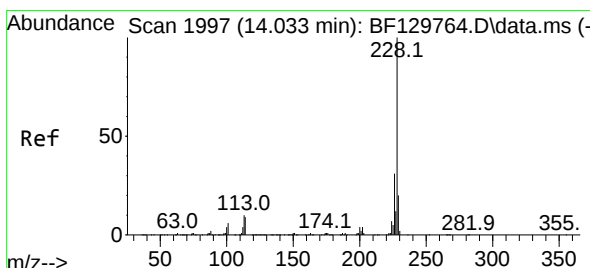
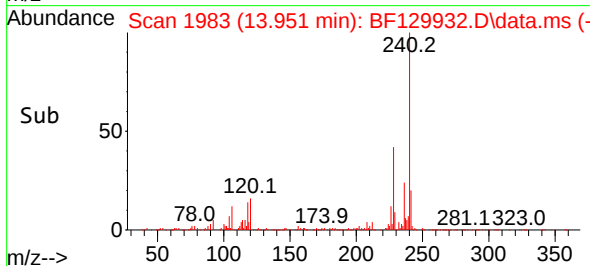
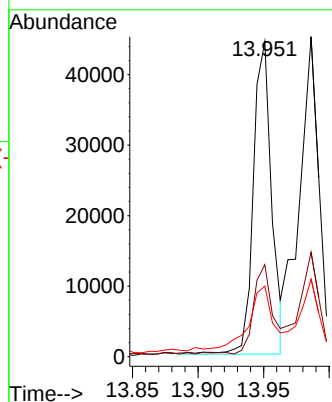
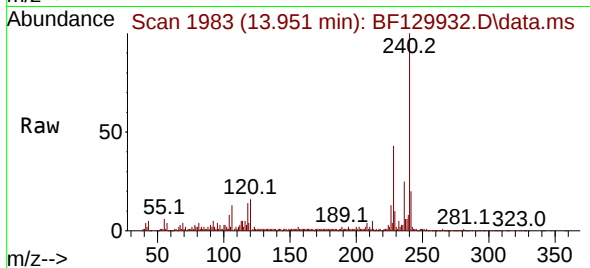
#81
Benzo(a)anthracene
Concen: 2.216 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Instrument :
BNA_F
ClientSampleId :
TR-06-081722

Tgt Ion:228 Resp: 42799
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.0
229 22.4 16.1 24.1

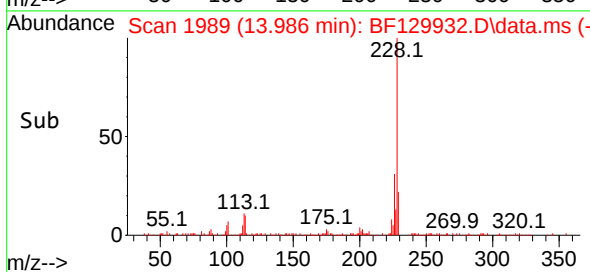
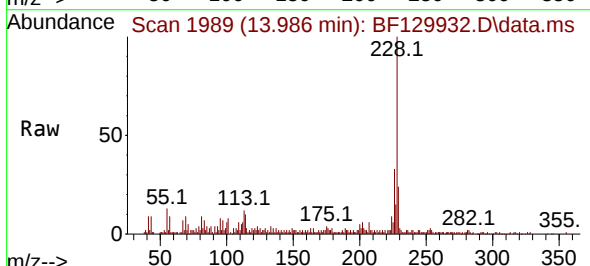
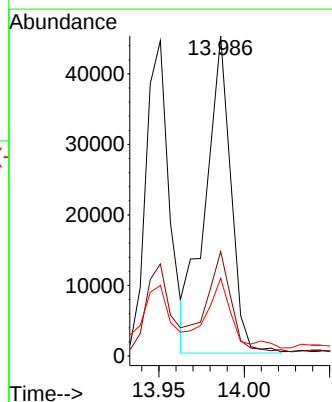
Manual Integrations
APPROVED

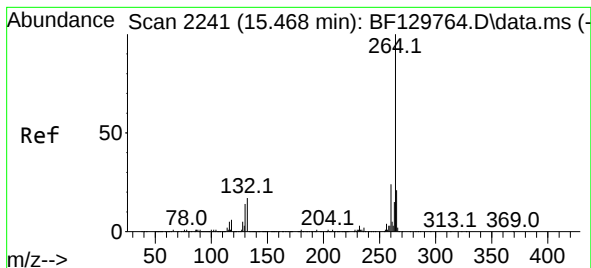
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#83
Chrysene
Concen: 2.604 ng m
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129932.D
Acq: 20 Aug 2022 03:26

Tgt Ion:228 Resp: 47079
Ion Ratio Lower Upper
228 100
226 32.6 24.4 36.6
229 24.2 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129932.D

Acq: 20 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

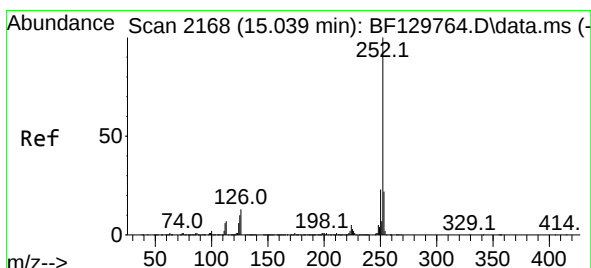
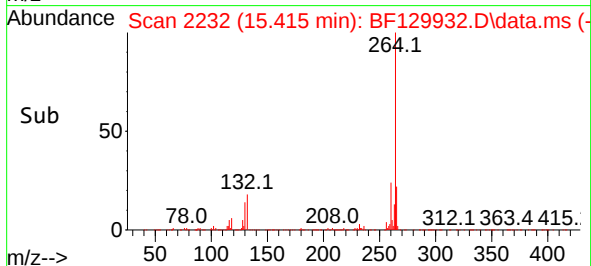
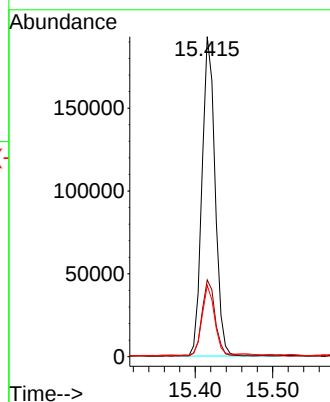
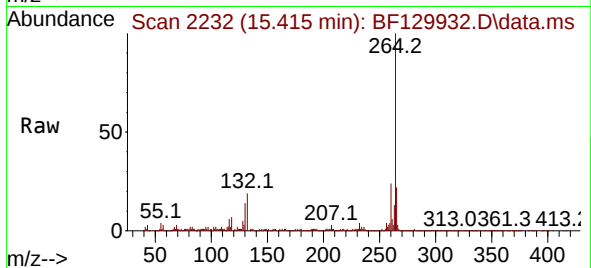
TR-06-081722

Tgt Ion:264 Resp: 226800
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.2 16.7 25.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#88

Benzo(b)fluoranthene

Concen: 3.711 ng m

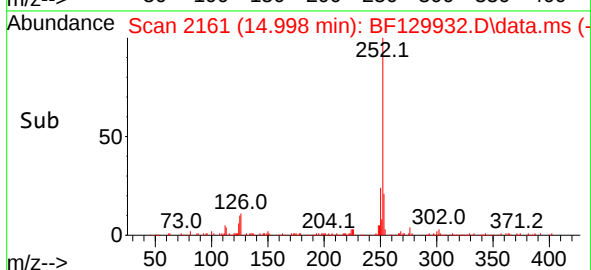
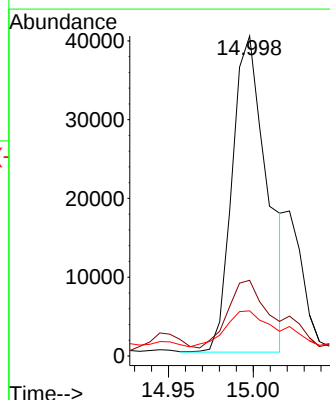
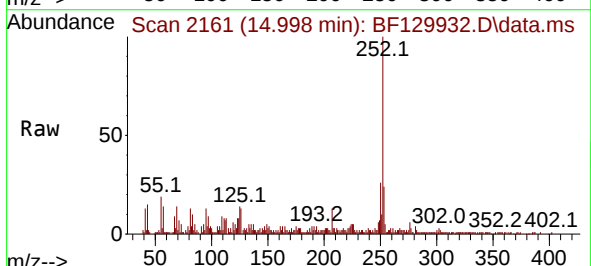
RT: 14.998 min Scan# 2161

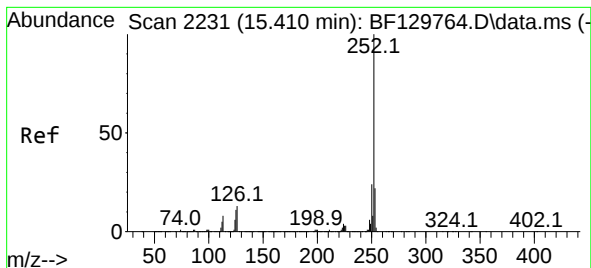
Delta R.T. 0.000 min

Lab File: BF129932.D

Acq: 20 Aug 2022 03:26

Tgt Ion:252 Resp: 57638
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.5 26.3
 125 14.1 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 2.937 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129932.D

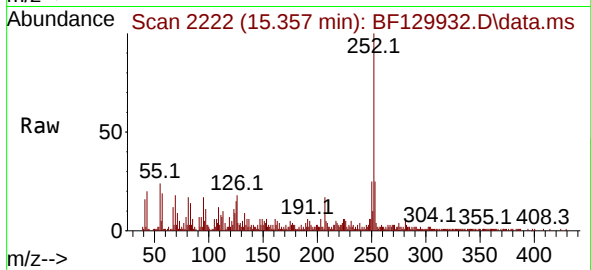
Acq: 20 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

TR-06-081722



Tgt Ion:252 Resp: 35920

Ion Ratio Lower Upper

252 100

253 24.8 17.2 25.8

125 15.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022

