

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129754.D
 Acq On : 12 Aug 2022 20:30
 Operator : CG\JU
 Sample : N4148-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 279650

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 02:07:49 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	6.828	152	119951	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	456671	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	163029m	20.000	ng	0.11
64) Phenanthrene-d10	11.539	188	110836	20.000	ng	# 0.18
76) Chrysene-d12	14.074	240	207793	20.000	ng	# 0.06
86) Perylene-d12	15.510	264	136378	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	688205	93.462	ng	0.00
7) Phenol-d6	6.487	99	867419	93.720	ng	0.00
23) Nitrobenzene-d5	7.398	82	548434	65.558	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	108129	68.986	ng	0.14
45) 2-Fluorobiphenyl	9.210	172	828816	78.645	ng	0.02
79) Terphenyl-d14	13.086	244	415884	37.759	ng	0.14
Target Compounds						Qvalue
75) Fluoranthene	12.763	202	67539	11.017	ng	# 1
78) Pyrene	12.980	202	80753m	4.647	ng	
81) Benzo(a)anthracene	14.069	228	80661	5.683	ng	# 73
83) Chrysene	14.104	228	93366	6.979	ng	# 79
84) Bis(2-ethylhexyl)phtha...	14.016	149	45202	4.555	ng	# 59
88) Benzo(b)fluoranthene	15.092	252	106328m	11.754	ng	
89) Benzo(k)fluoranthene	15.116	252	28623m	3.229	ng	
90) Benzo(a)pyrene	15.451	252	55780	7.596	ng	# 84
92) Benzo(g,h,i)perylene	17.427	276	19620	2.569	ng	93

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

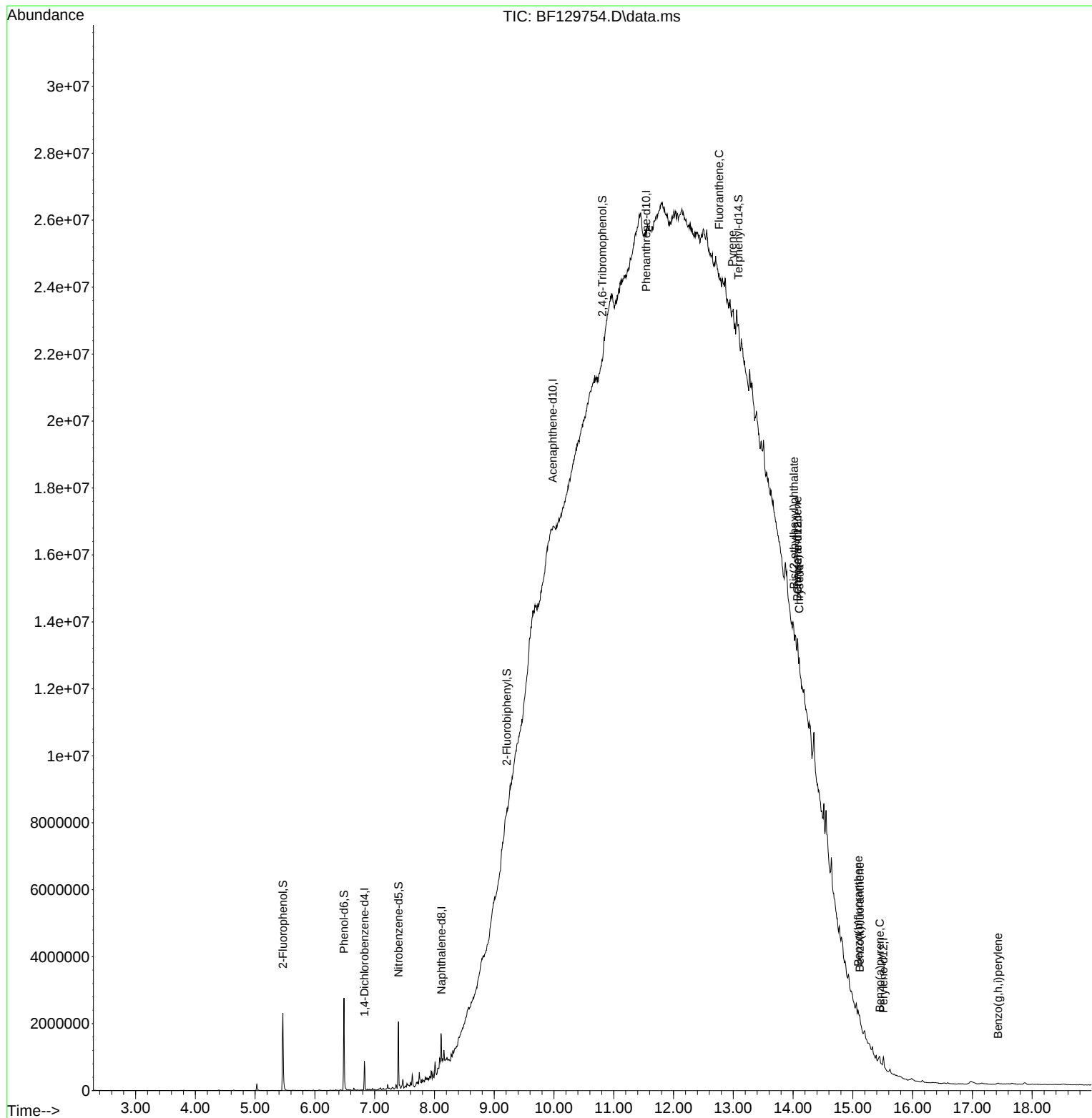
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129754.D
Acq On : 12 Aug 2022 20:30
Operator : CG\JU
Sample : N4148-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
279650

Manual Integrations
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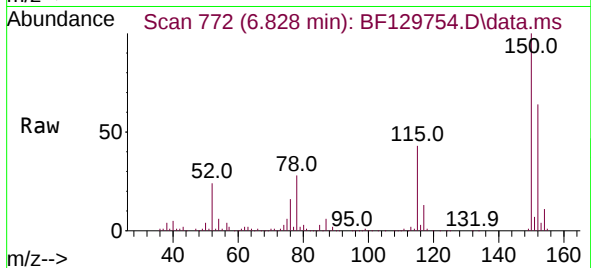
Quant Time: Aug 13 02:07:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 12 15:52:45 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

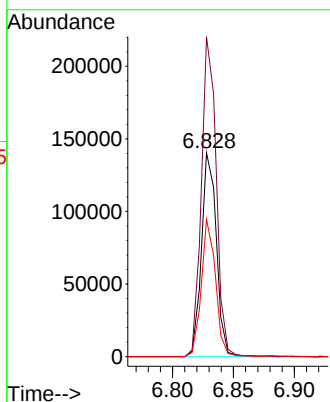
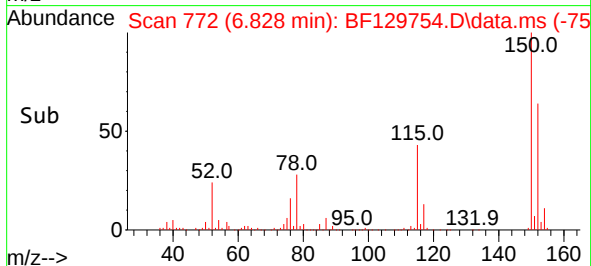
Instrument :
BNA_F
ClientSampleId :
279650



Tgt Ion:152 Resp: 11995
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 67.4 49.9 74.9

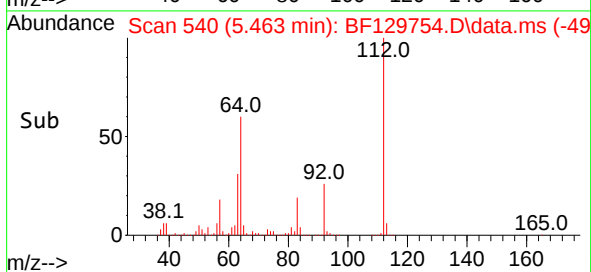
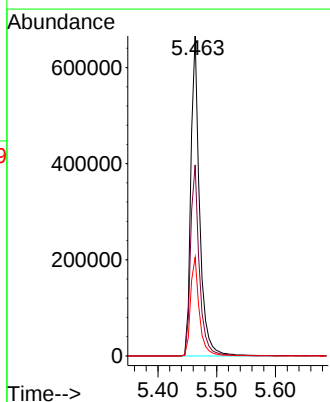
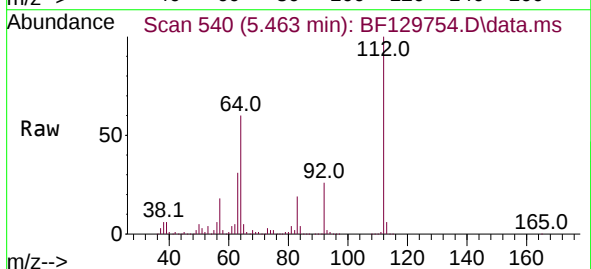
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#5
2-Fluorophenol
Concen: 93.462 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.006 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

Tgt Ion:112 Resp: 688205
Ion Ratio Lower Upper
112 100
64 59.7 53.3 79.9
63 30.8 28.0 42.0





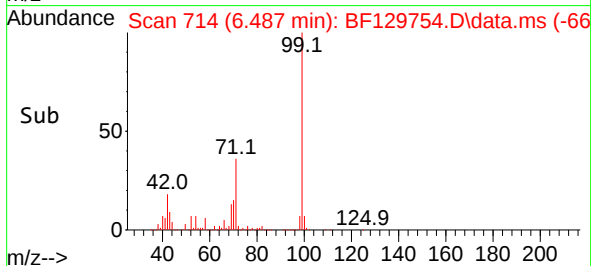
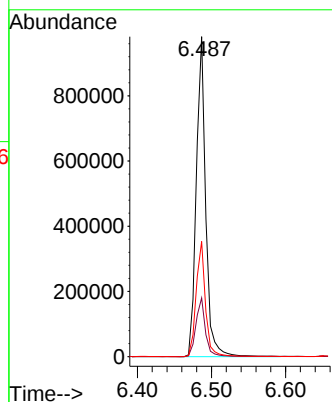
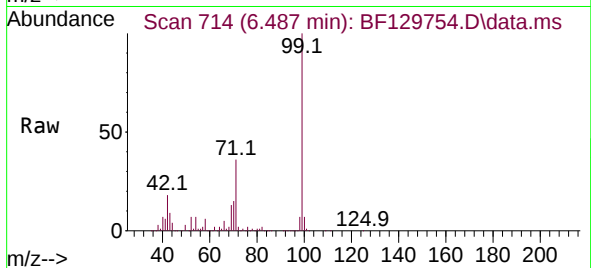
#7
Phenol-d6
Concen: 93.720 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

Instrument :
BNA_F
ClientSampleId :
279650

Tgt Ion: 99 Resp: 867419
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 36.0 28.9 43.3

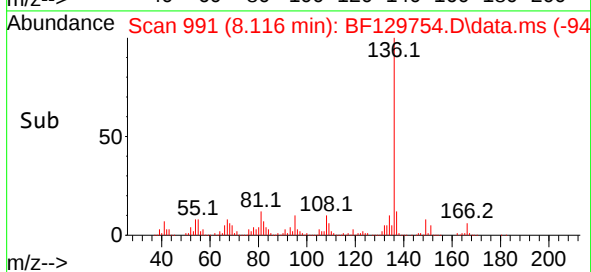
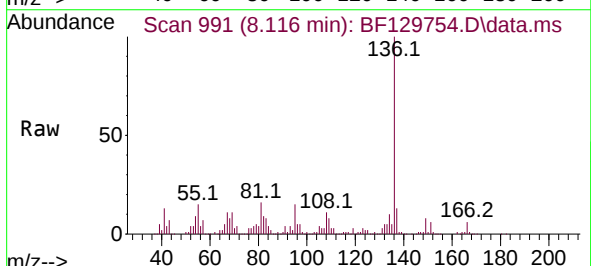
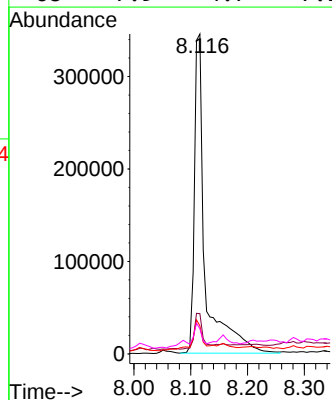
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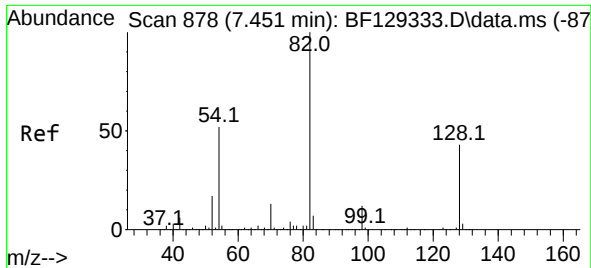
Reviewed By :Jagrut Upadhyay 08/15/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

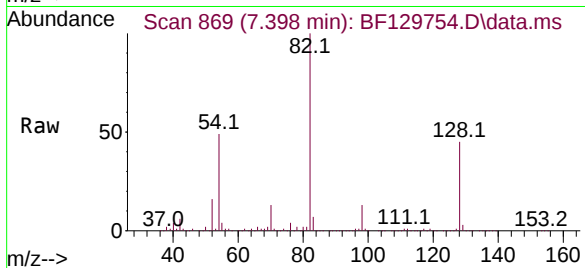
Tgt Ion:136 Resp: 456671
Ion Ratio Lower Upper
136 100
137 12.6 8.8 13.2
54 8.8 7.5 11.3
68 7.9 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 65.558 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

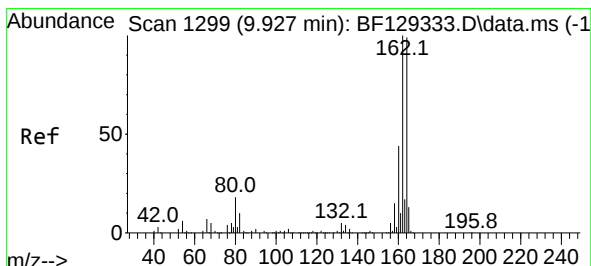
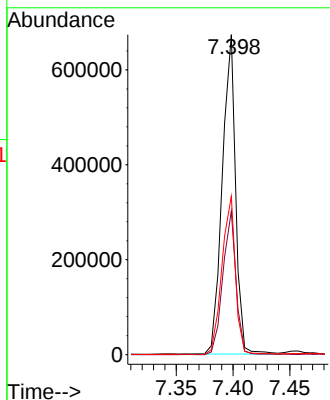
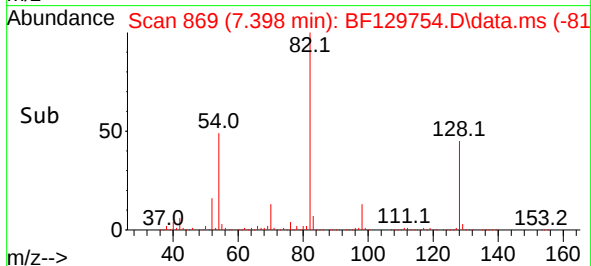
Instrument :
BNA_F
ClientSampleId :
279650



Tgt Ion: 82 Resp: 548434
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 49.4 46.9 70.3

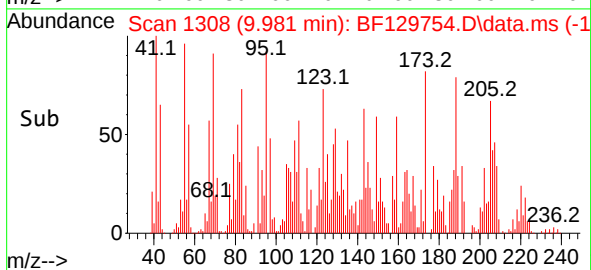
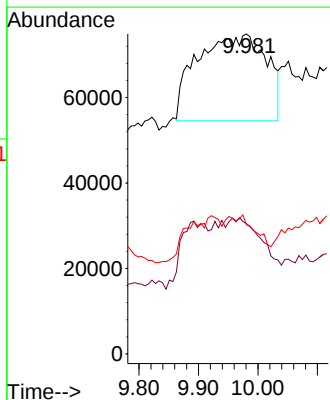
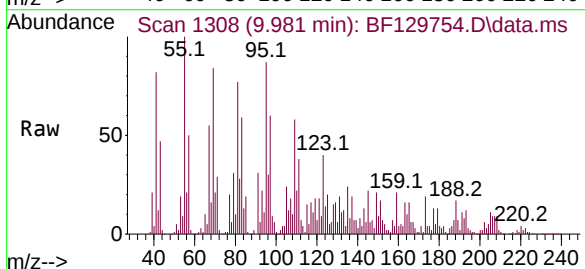
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#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.981 min Scan# 1308
Delta R.T. 0.112 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

Tgt Ion:164 Resp: 163029
Ion Ratio Lower Upper
164 100
162 40.7 79.5 119.3#
160 40.5 34.2 51.4





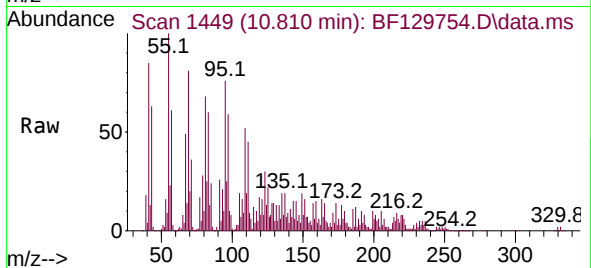
#42
2,4,6-Tribromophenol
Concen: 68.986 ng
RT: 10.810 min Scan# 1434
Delta R.T. 0.141 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

Instrument :

BNA_F

ClientSampleId :

279650

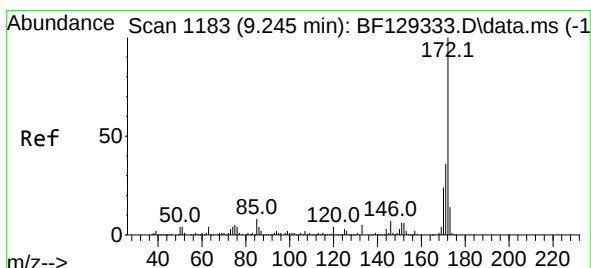
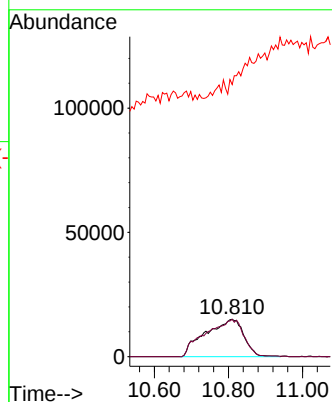
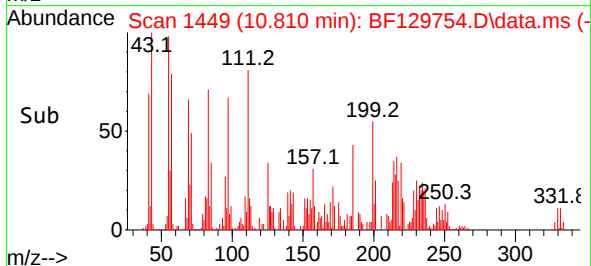


Tgt Ion: 330 Resp: 108129
Ion Ratio Lower Upper
330 100
332 99.2 76.8 115.2
141 0.0 28.0 42.0

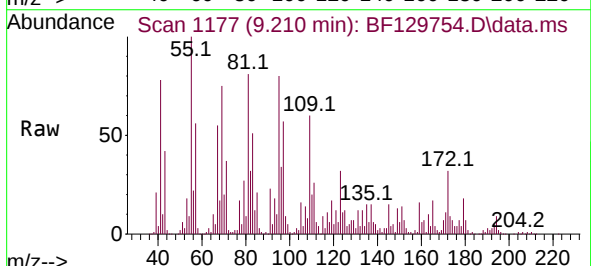
Manual Integrations

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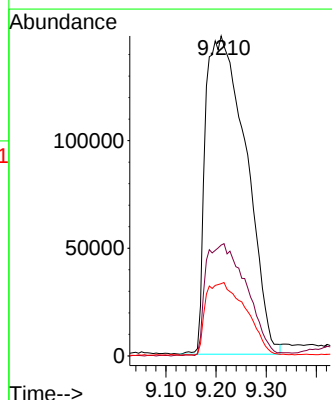
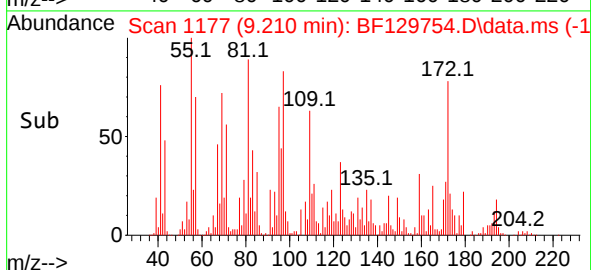
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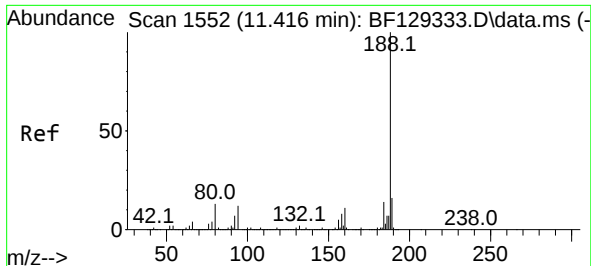


#45
2-Fluorobiphenyl
Concen: 78.645 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.018 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30



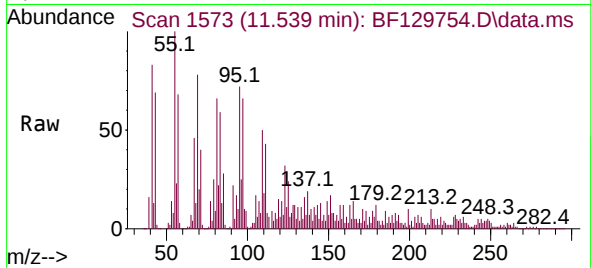
Tgt Ion: 172 Resp: 828816
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 22.6 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11539
Delta R.T. 0.177 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

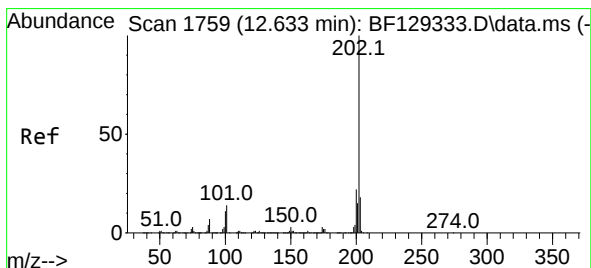
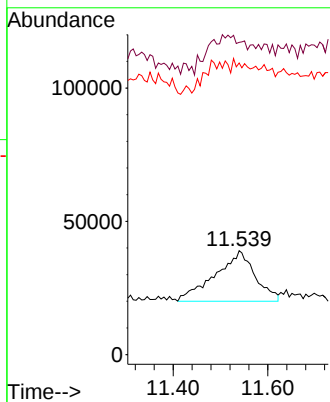
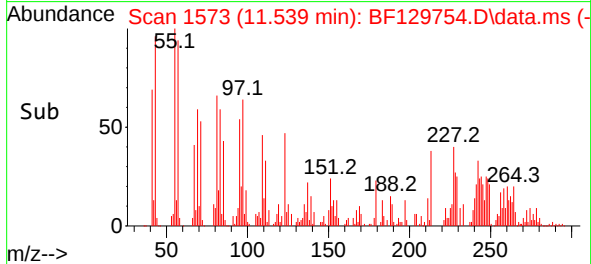
Instrument :
BNA_F
ClientSampleId :
279650



Tgt Ion:188 Resp: 110836
Ion Ratio Lower Upper
188 100
94 300.3 7.0 10.6
80 280.5 7.6 11.4

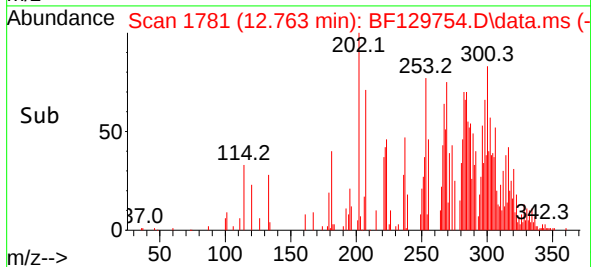
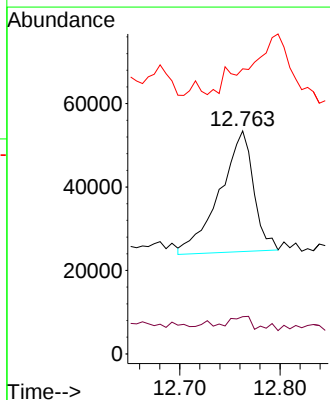
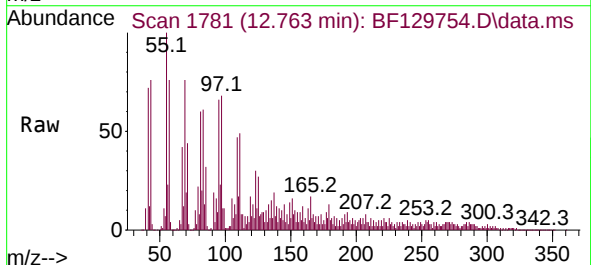
Manual Integrations
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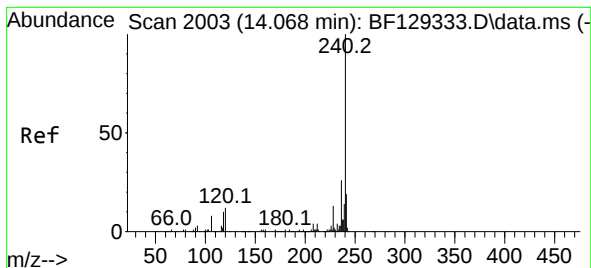
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#75
Fluoranthene
Concen: 11.017 ng
RT: 12.763 min Scan# 1781
Delta R.T. 0.182 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

Tgt Ion:202 Resp: 67539
Ion Ratio Lower Upper
202 100
101 16.7 0.0 31.4
203 127.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.065 min

Lab File: BF129754.D

Acq: 12 Aug 2022 20:30

Instrument :

BNA_F

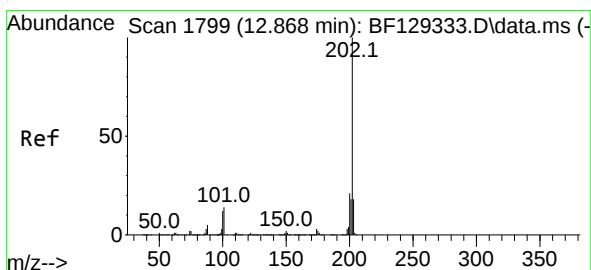
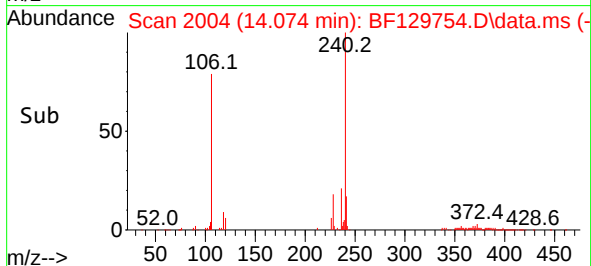
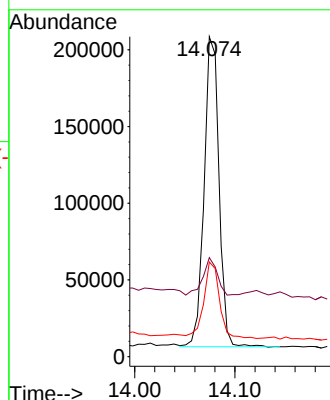
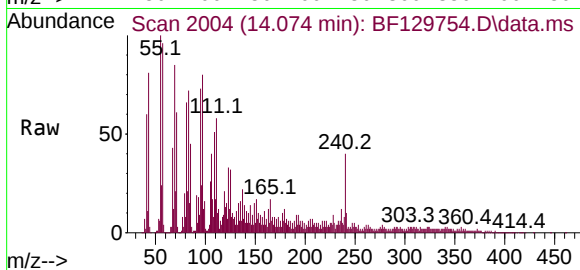
ClientSampleId :

279650

Tgt Ion:240 Resp: 207793
 Ion Ratio Lower Upper
 240 100
 120 30.9 8.9 13.3#
 236 29.6 20.8 31.2

Manual Integrations
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 Supervised By :Sohil Jodhani 08/16/2022



#78

Pyrene

Concen: 4.647 ng m

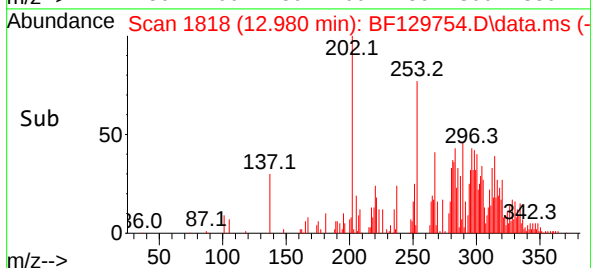
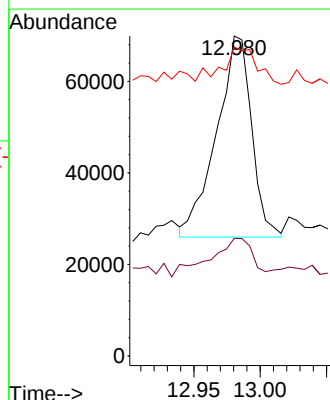
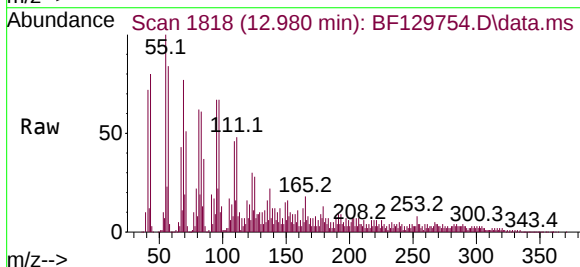
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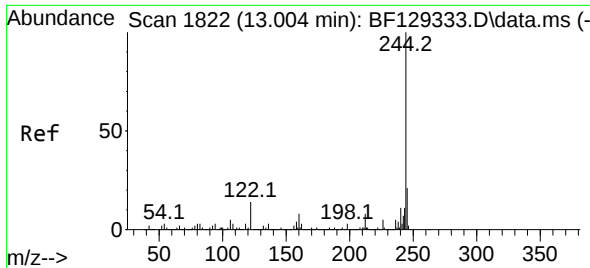
Delta R.T. 0.171 min

Lab File: BF129754.D

Acq: 12 Aug 2022 20:30

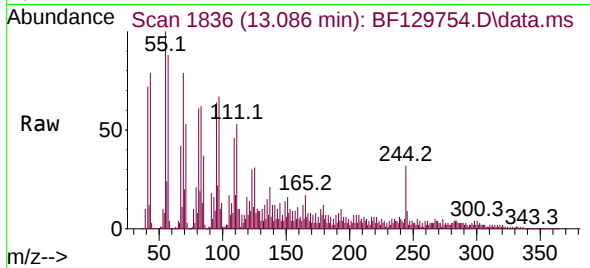
Tgt Ion:202 Resp: 80753
 Ion Ratio Lower Upper
 202 100
 200 36.7 17.7 26.5#
 203 96.5 14.6 21.8#





#79
 Terphenyl-d14
 Concen: 37.759 ng
 RT: 13.086 min Scan# 1822
 Delta R.T. 0.141 min
 Lab File: BF129754.D
 Acq: 12 Aug 2022 20:30

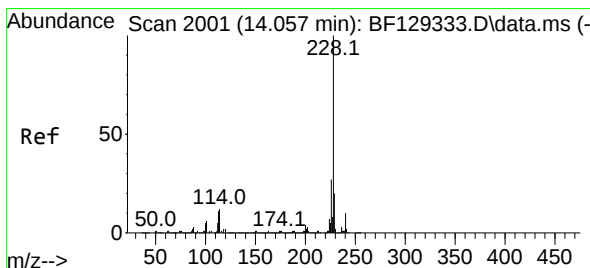
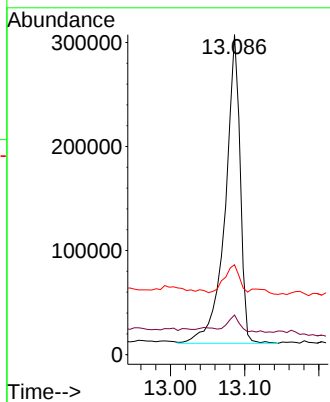
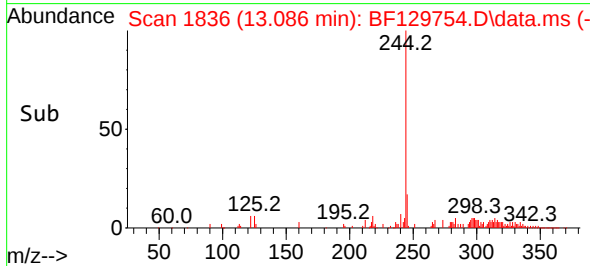
Instrument :
 BNA_F
 ClientSampleId :
 279650



Tgt Ion:244 Resp: 415884
 Ion Ratio Lower Upper
 244 100
 212 12.4 6.1 9.1#
 122 28.1 8.8 13.2#

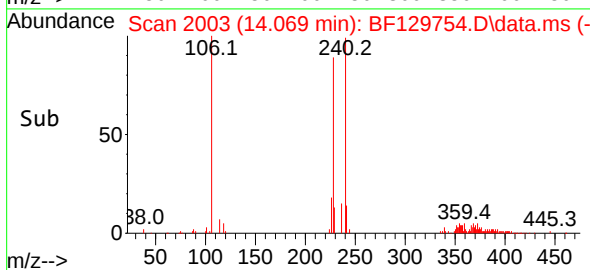
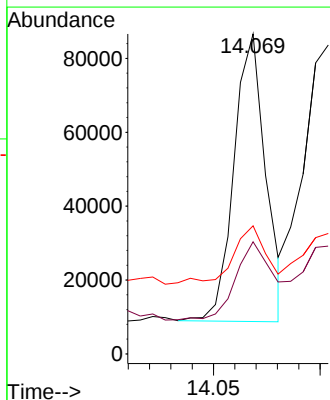
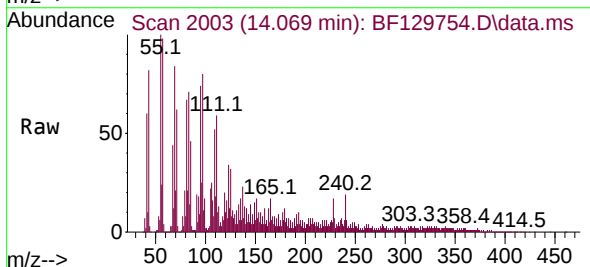
Manual Integrations
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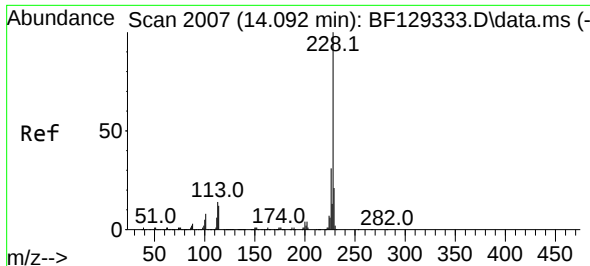
Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022



#81
 Benzo(a)anthracene
 Concen: 5.683 ng
 RT: 14.069 min Scan# 2003
 Delta R.T. 0.071 min
 Lab File: BF129754.D
 Acq: 12 Aug 2022 20:30

Tgt Ion:228 Resp: 80661
 Ion Ratio Lower Upper
 228 100
 226 35.0 22.1 33.1#
 229 40.0 15.8 23.8#





#83

Chrysene

Concen: 6.979 ng

RT: 14.104 min Scan# 2009

Delta R.T. 0.065 min

Lab File: BF129754.D

Acq: 12 Aug 2022 20:30

Instrument :

BNA_F

ClientSampleId :

279650

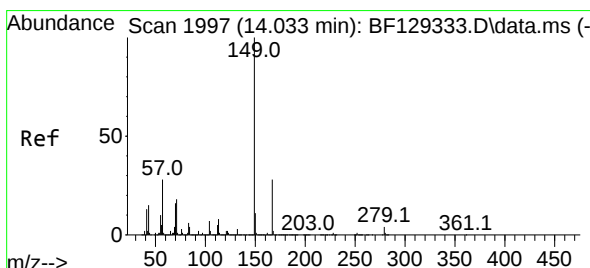
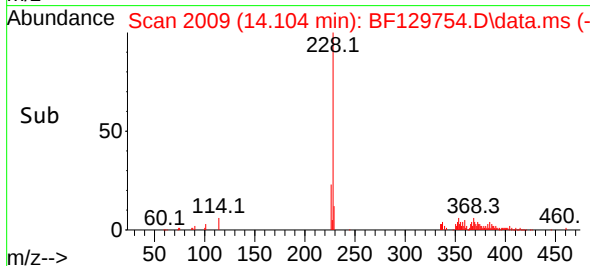
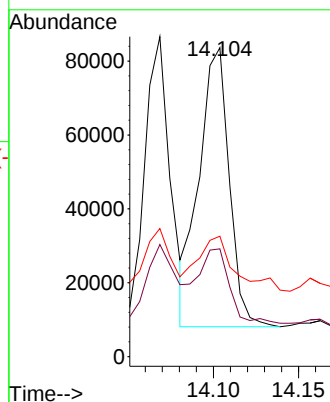
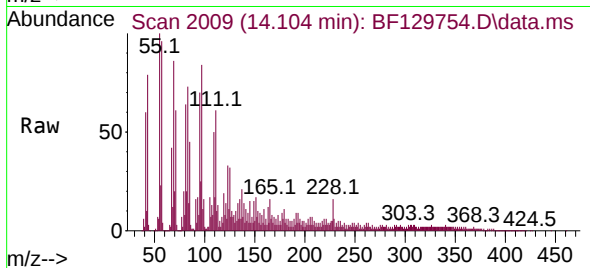
Tgt Ion:228	Resp:	93366
Ion Ratio	Lower	Upper
228	100	
226	34.9	24.3 36.5
229	39.0	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022

Supervised By :Sohil Jodhani 08/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.555 ng

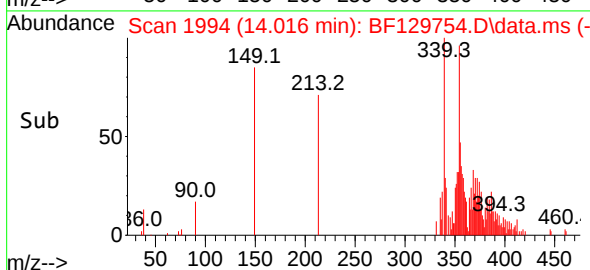
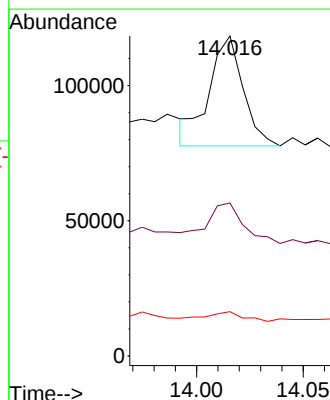
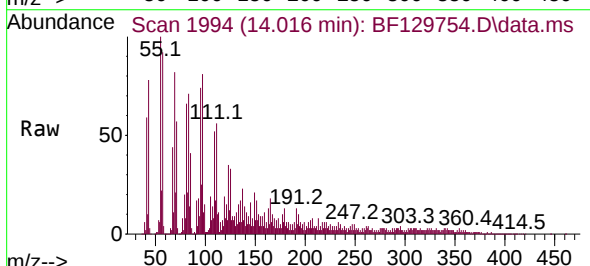
RT: 14.016 min Scan# 1994

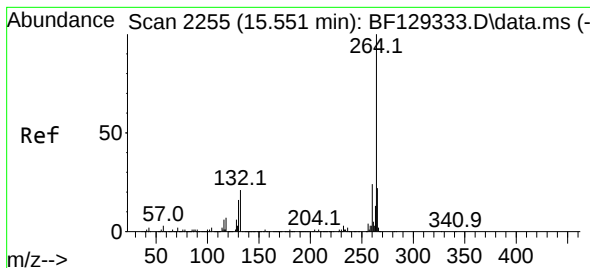
Delta R.T. 0.047 min

Lab File: BF129754.D

Acq: 12 Aug 2022 20:30

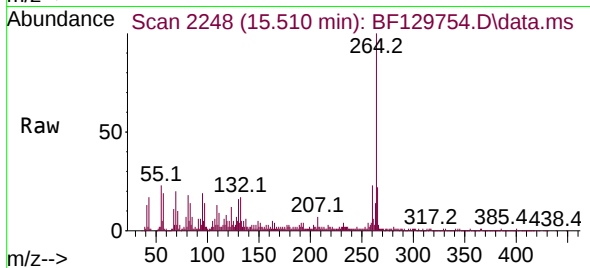
Tgt Ion:149	Resp:	45202
Ion Ratio	Lower	Upper
149	100	
167	47.8	21.0 31.4#
279	13.8	3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2177
Delta R.T. 0.029 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

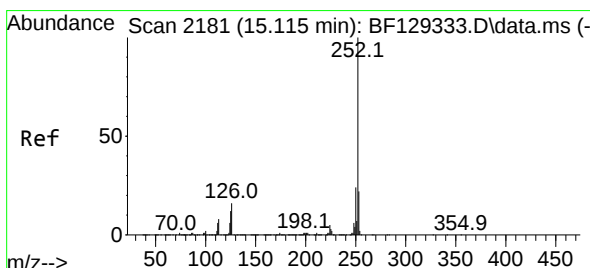
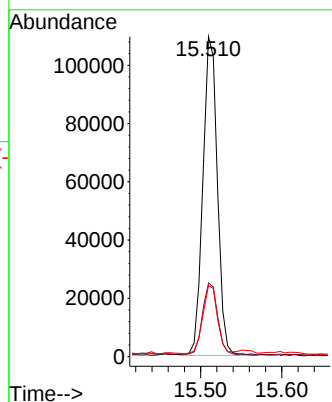
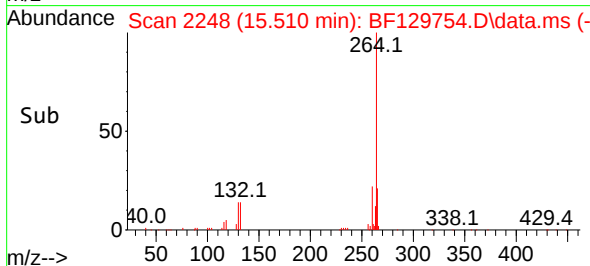
Instrument :
BNA_F
ClientSampleId :
279650



Tgt Ion:264 Resp: 136378
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 22.2 17.2 25.8

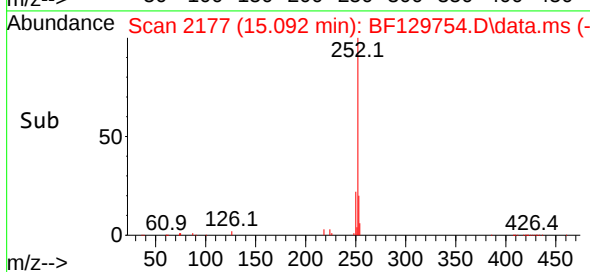
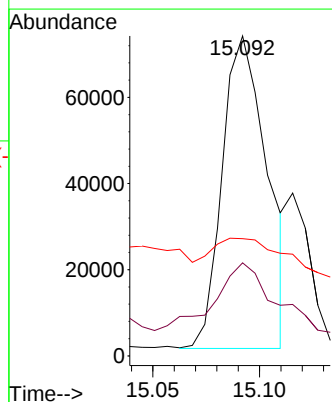
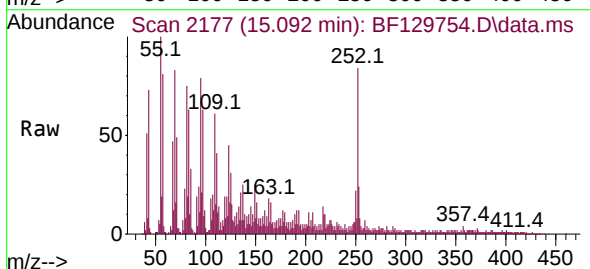
Manual Integrations
APPROVED

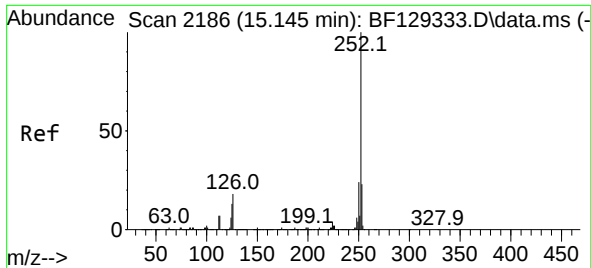
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#88
Benzo(b)fluoranthene
Concen: 11.754 ng m
RT: 15.092 min Scan# 2177
Delta R.T. 0.041 min
Lab File: BF129754.D
Acq: 12 Aug 2022 20:30

Tgt Ion:252 Resp: 106328
Ion Ratio Lower Upper
252 100
253 29.1 17.7 26.5#
125 36.6 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 3.229 ng m

RT: 15.116 min Scan# 2186

Delta R.T. 0.035 min

Lab File: BF129754.D

Acq: 12 Aug 2022 20:30

Instrument :

BNA_F

ClientSampleId :

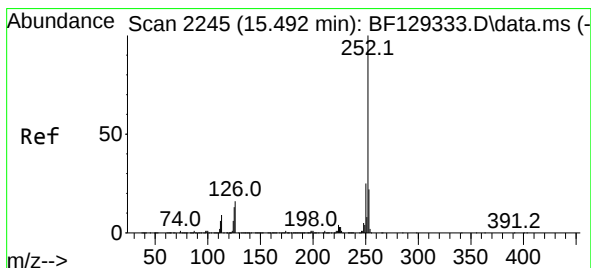
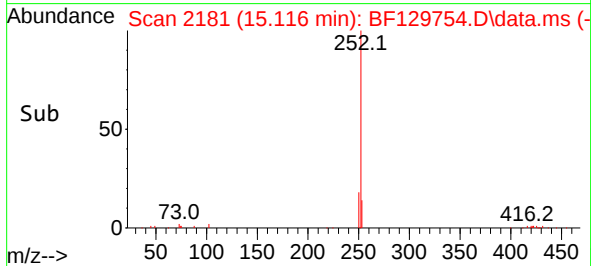
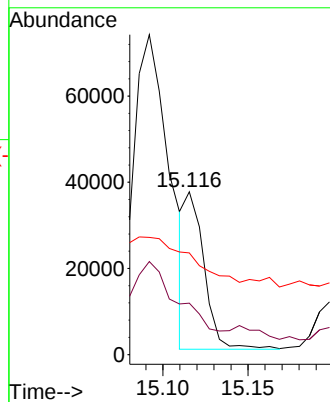
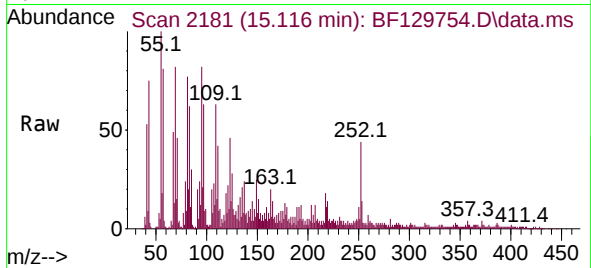
279650

Tgt Ion:252	Resp:	28623
Ion Ratio	Lower	Upper
252	100	
253	31.6	17.8 26.6
125	62.4	8.3 12.5

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 7.596 ng

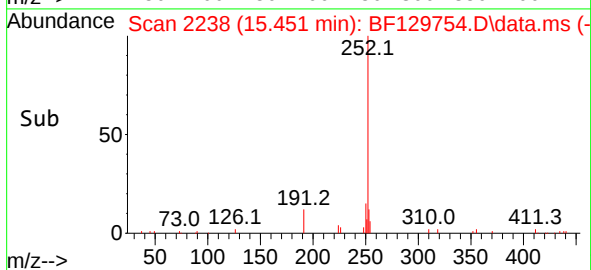
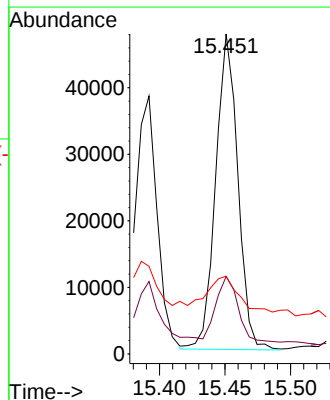
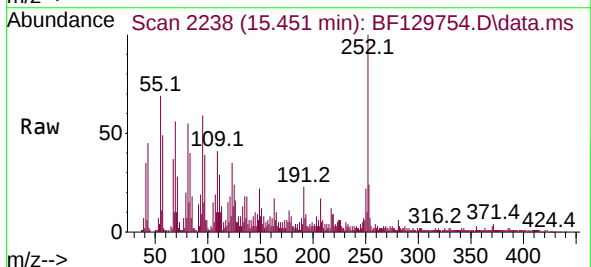
RT: 15.451 min Scan# 2238

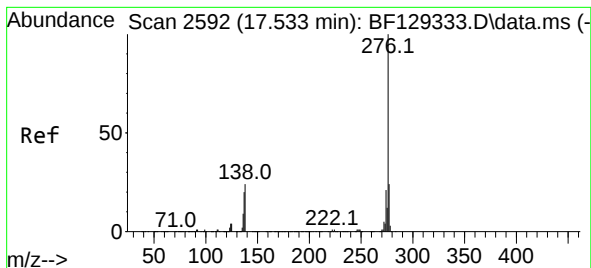
Delta R.T. 0.029 min

Lab File: BF129754.D

Acq: 12 Aug 2022 20:30

Tgt Ion:252	Resp:	55780
Ion Ratio	Lower	Upper
252	100	
253	24.2	17.0 25.6
125	24.3	8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 2.569 ng

RT: 17.427 min Scan# 2574

Delta R.T. 0.006 min

Lab File: BF129754.D

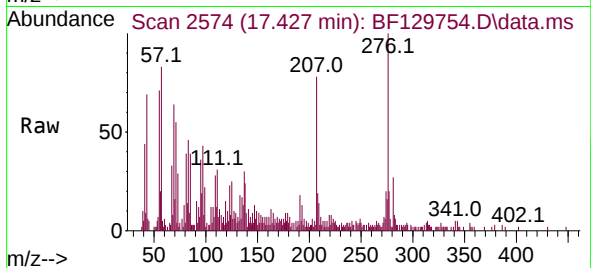
Acq: 12 Aug 2022 20:30

Instrument :

BNA_F

ClientSampleId :

279650



Tgt Ion:	276	Resp:	19620
Ion Ratio	Lower	Upper	
276	100		
277	19.5	19.1	28.7
138	24.5	18.0	27.0

Manual Integrations

APPROVED

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

