

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF129999.D
 Acq On : 25 Aug 2022 14:58
 Operator : CG\JU
 Sample : N4292-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082222

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 25 15:29:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	105594	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	381661	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	166599	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	249077	20.000	ng	0.00
76) Chrysene-d12	13.927	240	260201	20.000	ng	0.00
86) Perylene-d12	15.374	264	255346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	612662	96.065	ng	0.00
7) Phenol-d6	6.416	99	715903	89.639	ng	0.00
23) Nitrobenzene-d5	7.328	82	468458	65.706	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	136016	81.346	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	786007	71.657	ng	0.00
79) Terphenyl-d14	12.863	244	775881	49.616	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.304	178	43130	3.100	ng	99
75) Fluoranthene	12.498	202	73574	5.169	ng	98
78) Pyrene	12.727	202	74681	3.303	ng	98
81) Benzo(a)anthracene	13.916	228	43972	2.457	ng	100
83) Chrysene	13.957	228	41730	2.491	ng	94
84) Bis(2-ethylhexyl)phtha...	13.886	149	89233	7.861	ng	96
88) Benzo(b)fluoranthene	14.963	252	64302m	3.678	ng	
90) Benzo(a)pyrene	15.321	252	36284	2.635	ng	# 93

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

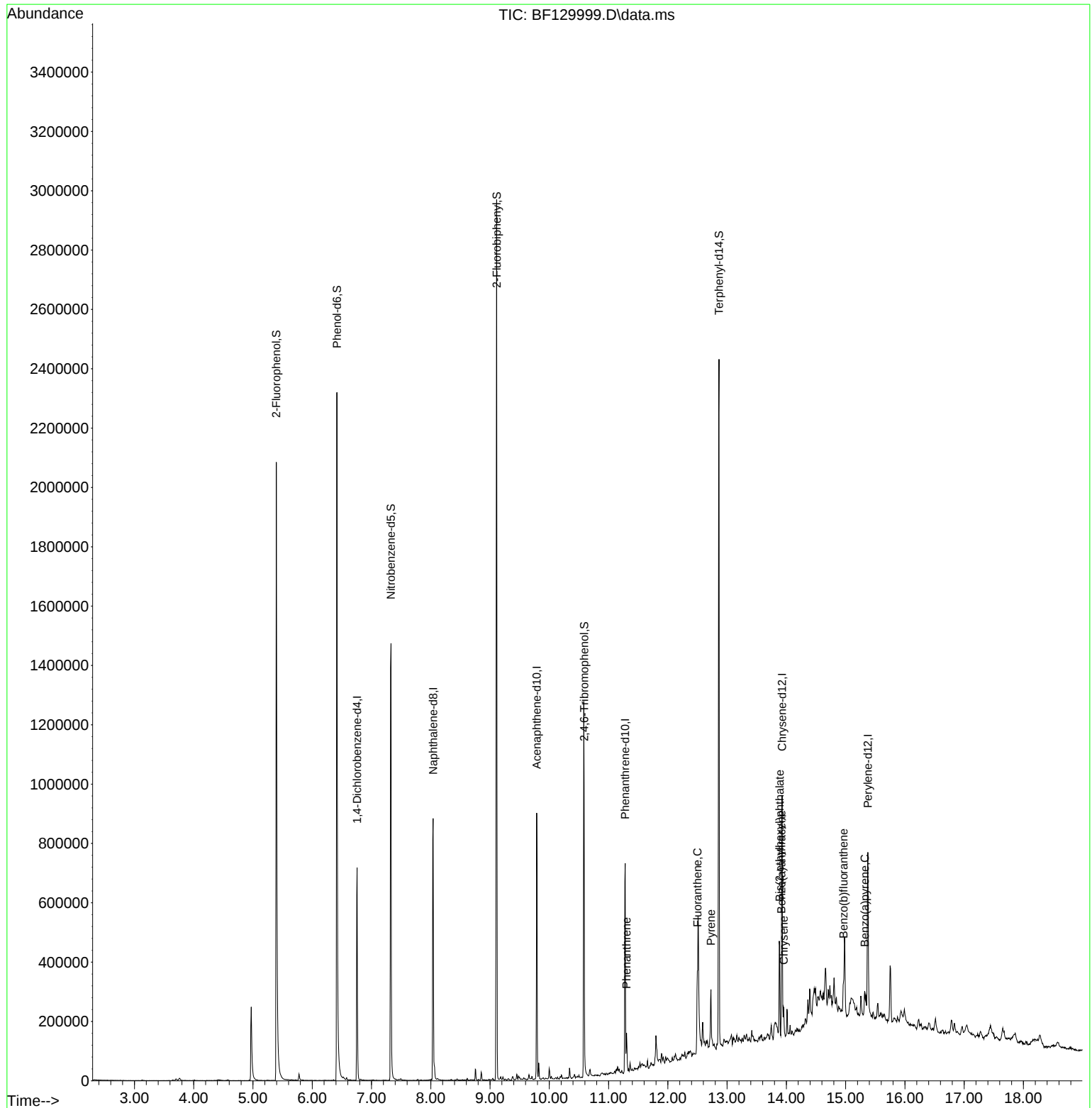
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF129999.D
Acq On : 25 Aug 2022 14:58
Operator : CG\JU
Sample : N4292-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

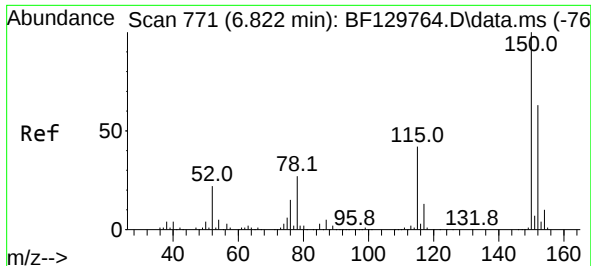
Instrument :
BNA_F
ClientSampleId :
TR-04-082222

Quant Time: Aug 25 15:29:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

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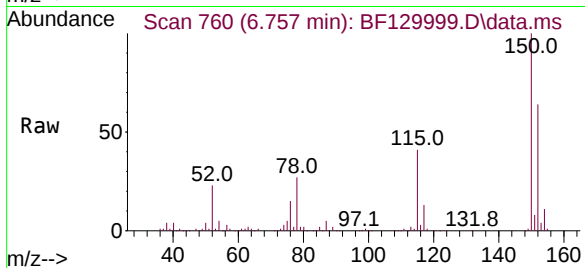
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Supervised By : Jagrut Upadhyay 08/26/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

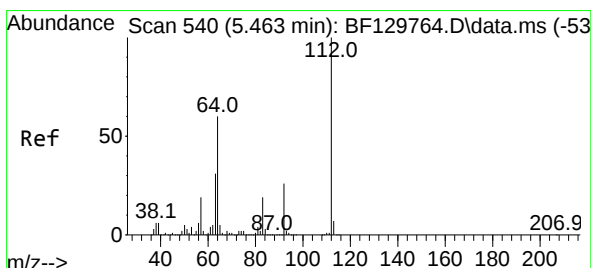
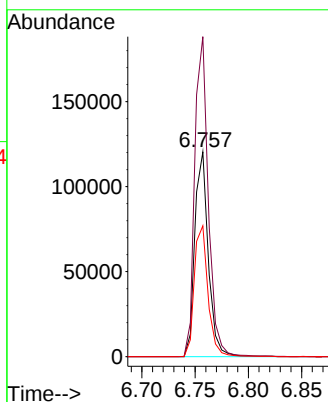
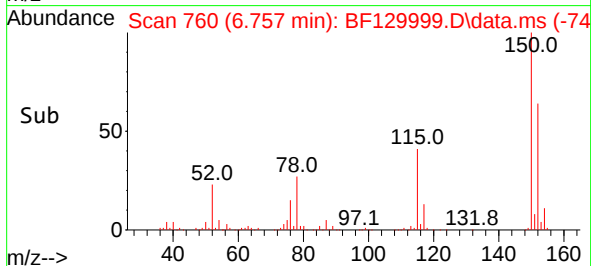
Instrument :
BNA_F
ClientSampleId :
TR-04-082222



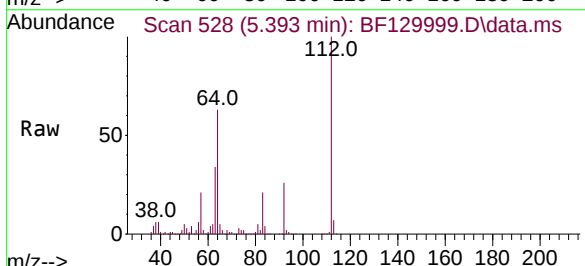
Tgt Ion:152 Resp: 105594
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 63.9 53.4 80.0

Manual Integrations
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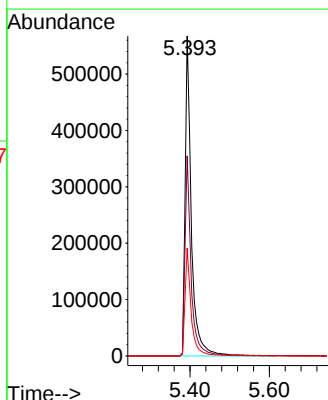
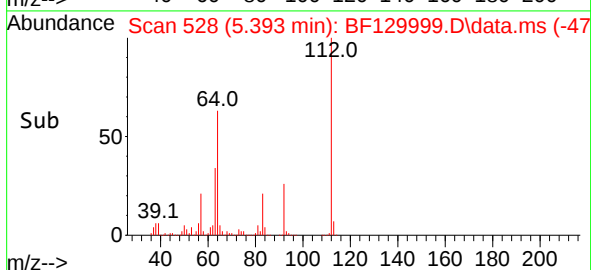
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

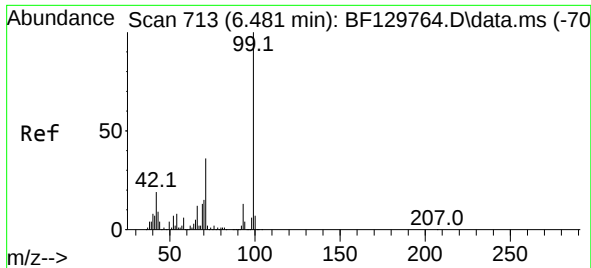


#5
2-Fluorophenol
Concen: 96.065 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58



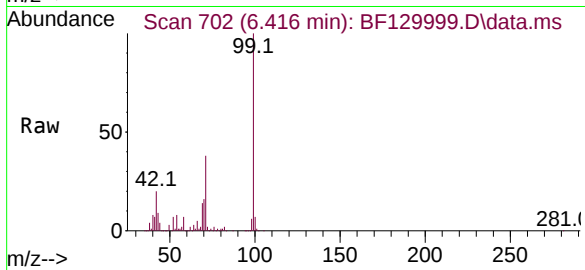
Tgt Ion:112 Resp: 612662
Ion Ratio Lower Upper
112 100
64 62.5 47.6 71.4
63 33.7 24.6 37.0





#7
Phenol-d6
Concen: 89.639 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

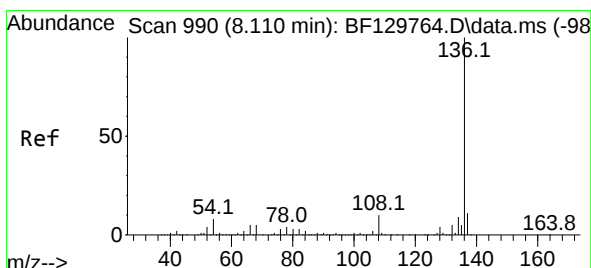
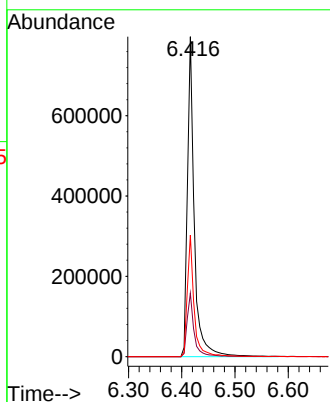
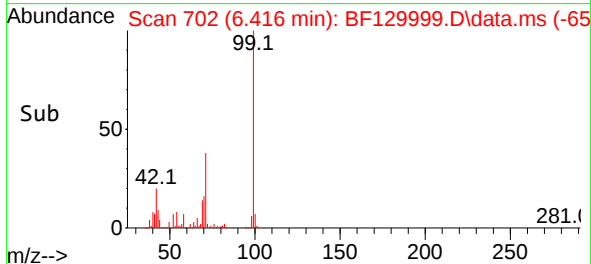
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 715903
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 38.0 28.8 43.2

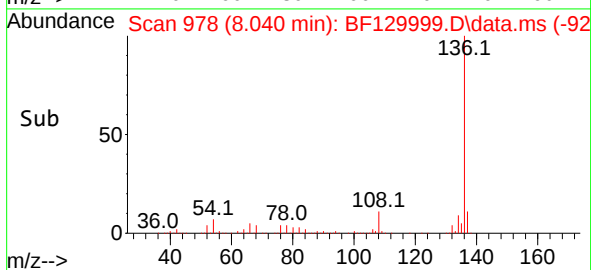
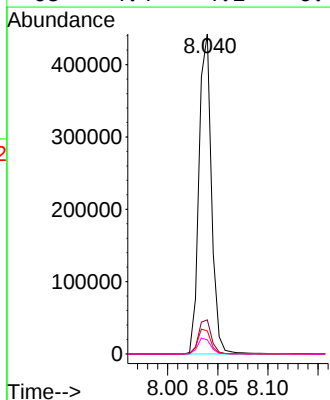
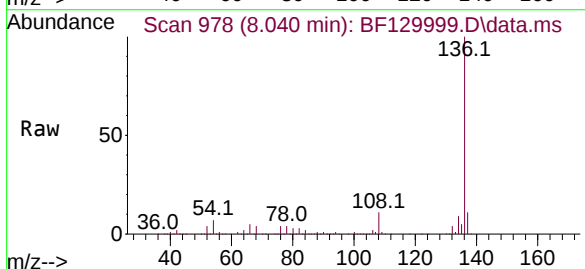
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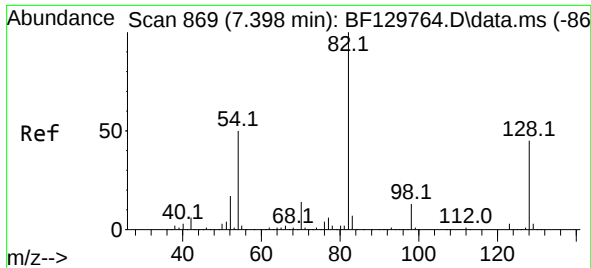
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:136 Resp: 381661
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 6.2 9.2
68 4.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 65.706 ng

RT: 7.328 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

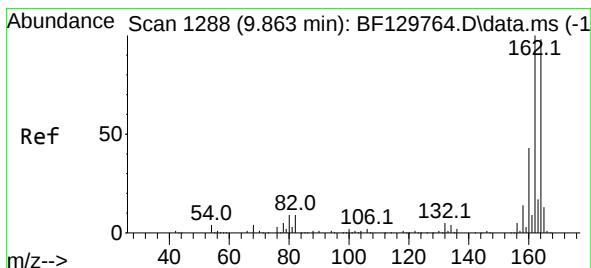
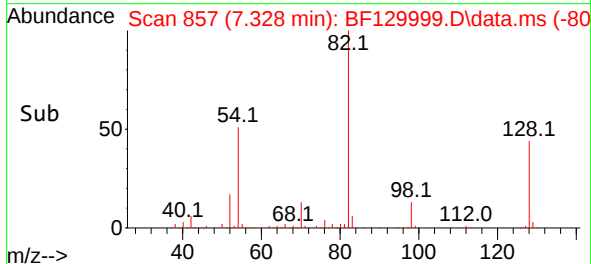
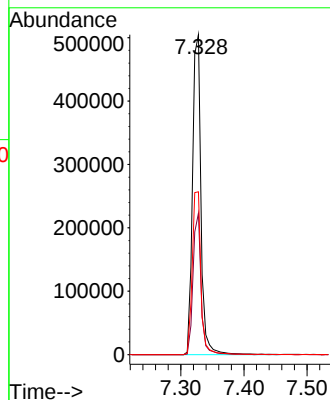
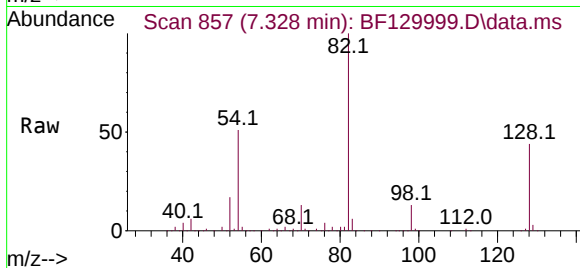
Tgt Ion: 82 Resp: 468458
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 50.9 40.0 60.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

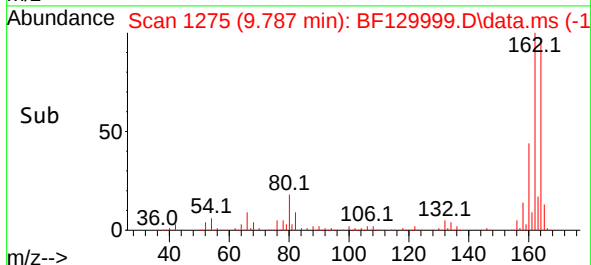
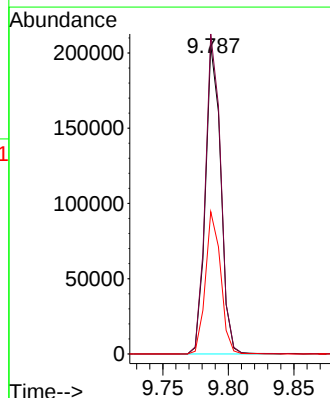
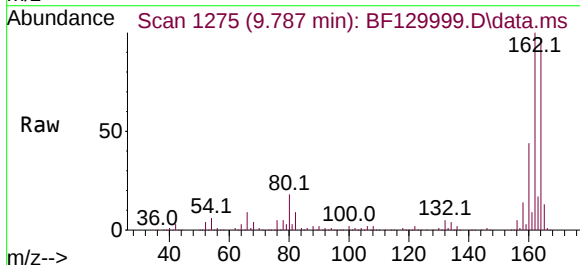
RT: 9.787 min Scan# 1275

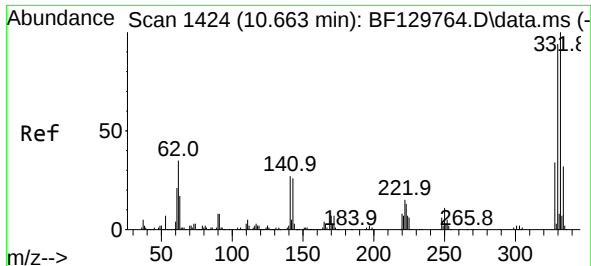
Delta R.T. -0.006 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Tgt Ion:164 Resp: 166599
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.0 123.0
 160 46.1 35.4 53.0





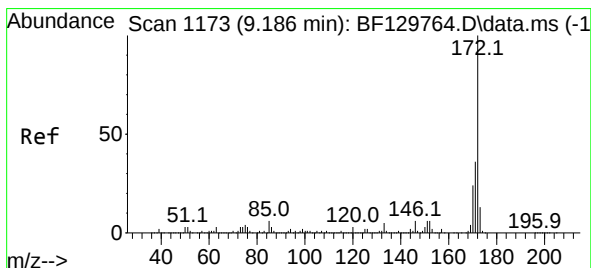
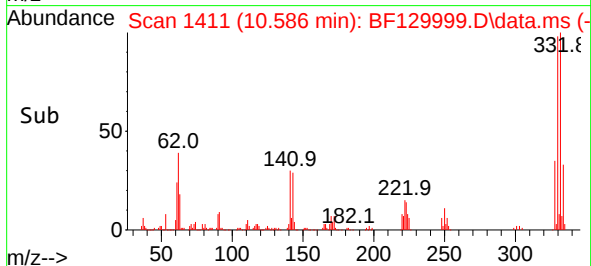
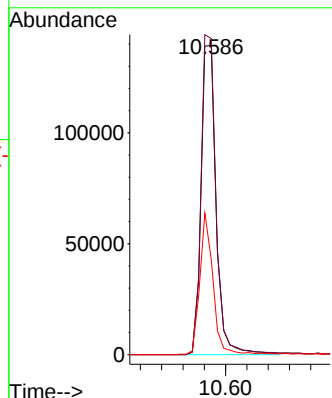
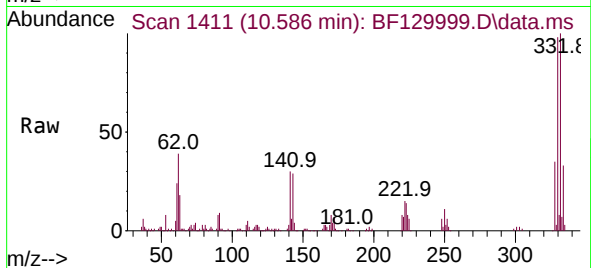
#42
2,4,6-Tribromophenol
Concen: 81.346 ng
RT: 10.586 min Scan# 141
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Instrument :
BNA_F
ClientSampleId :
TR-04-082222

Tgt Ion: 330 Resp: 136016
Ion Ratio Lower Upper
330 100
332 103.6 82.6 124.0
141 40.6 27.6 41.4

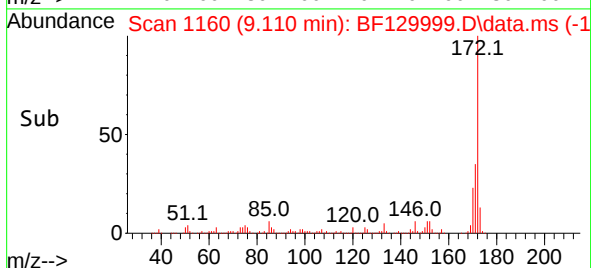
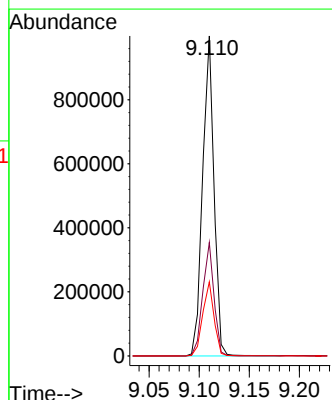
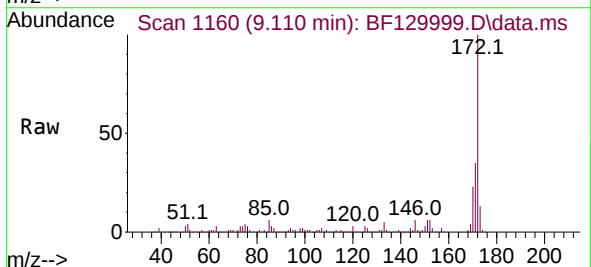
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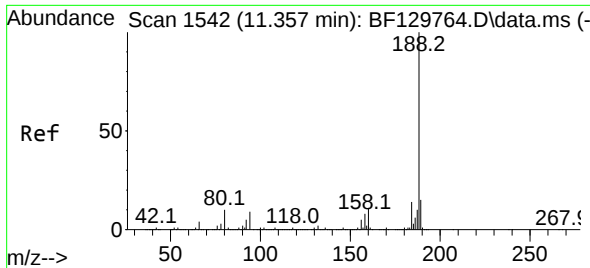
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#45
2-Fluorobiphenyl
Concen: 71.657 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion: 172 Resp: 786007
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.1 19.1 28.7





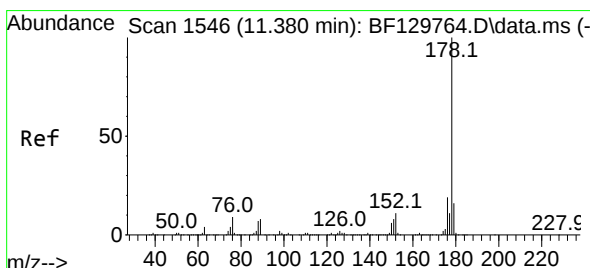
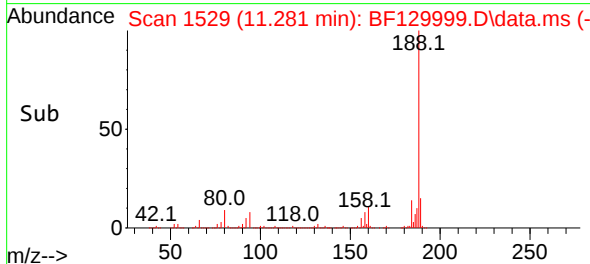
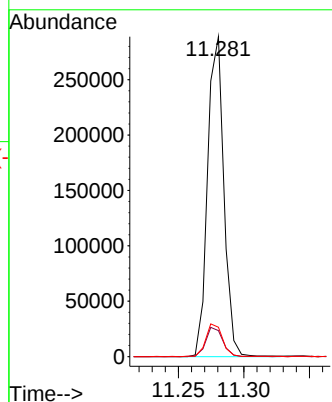
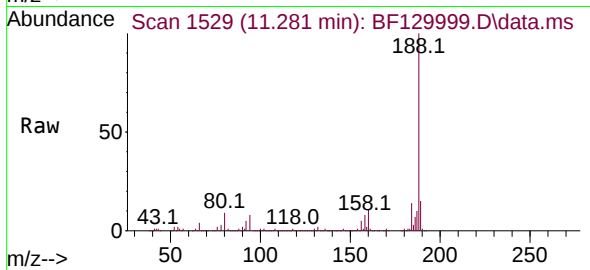
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Instrument :
BNA_F
ClientSampleId :
TR-04-082222

Tgt Ion:188 Resp: 24907
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.2 7.9 11.9

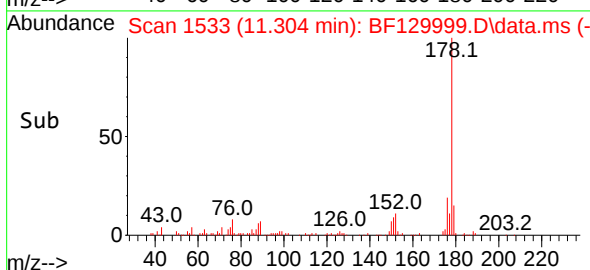
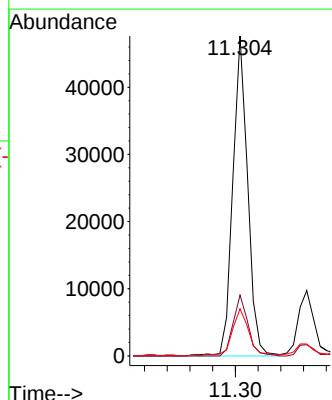
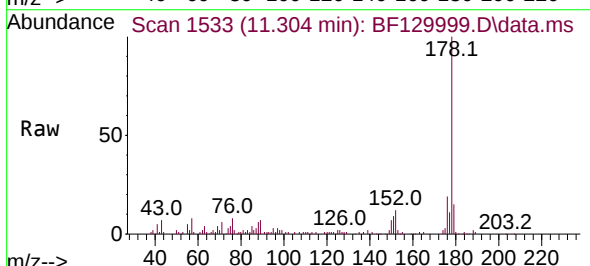
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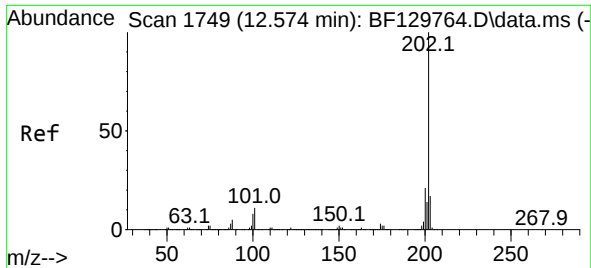
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#71
Phenanthrene
Concen: 3.100 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

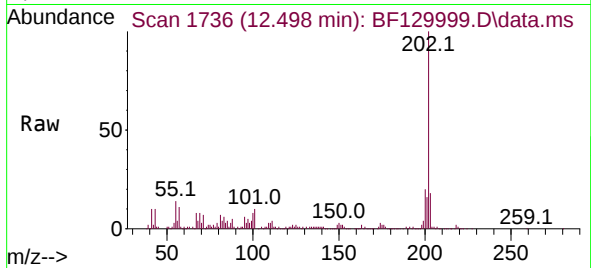
Tgt Ion:178 Resp: 43130
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.7 12.5 18.7





#75
Fluoranthene
Concen: 5.169 ng
RT: 12.498 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

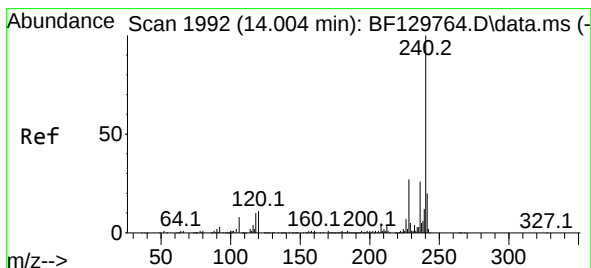
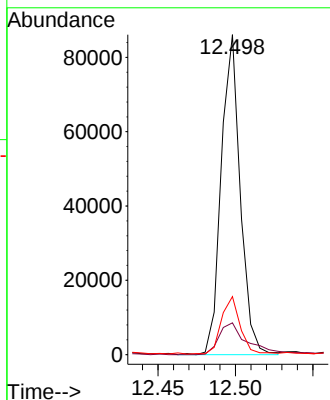
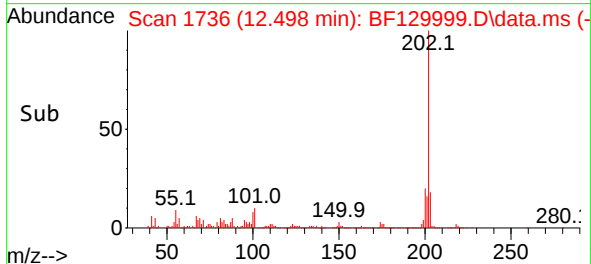
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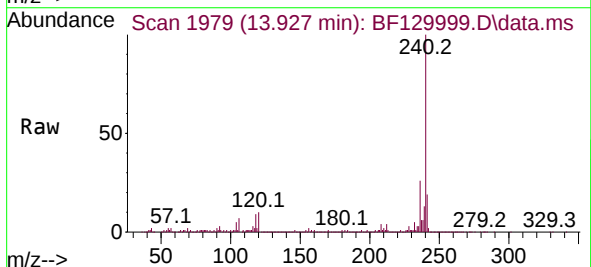
Tgt Ion:202 Resp: 73574
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 18.1 0.0 37.5

Manual Integrations
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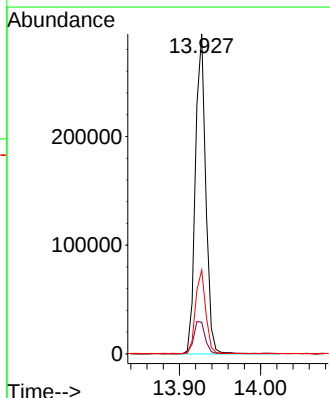
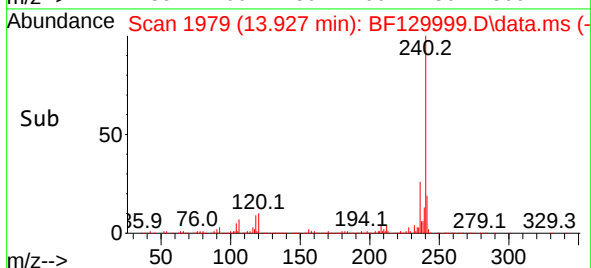
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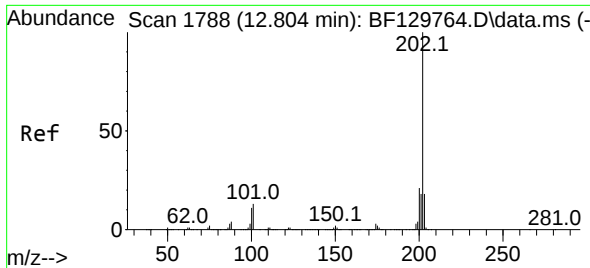


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58



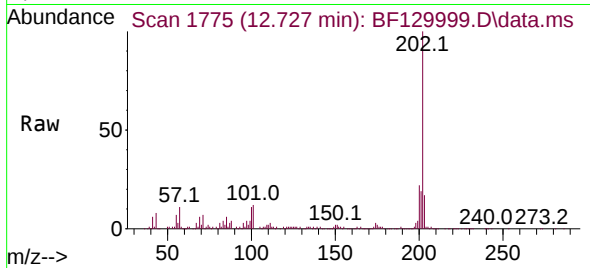
Tgt Ion:240 Resp: 260201
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 26.2 20.7 31.1





#78
Pyrene
Concen: 3.303 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

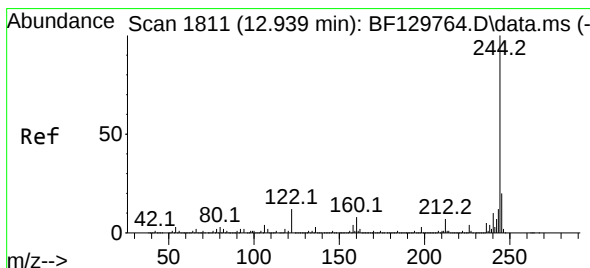
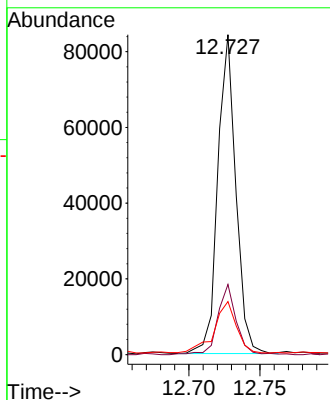
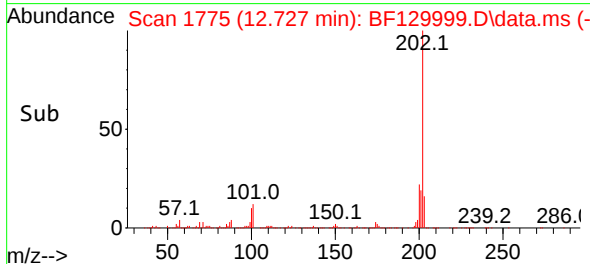
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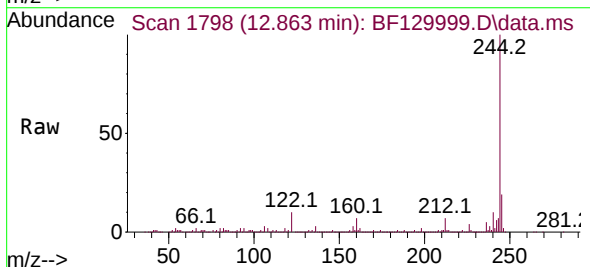
Tgt Ion:202 Resp: 74681
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 16.6 14.1 21.1

Manual Integrations
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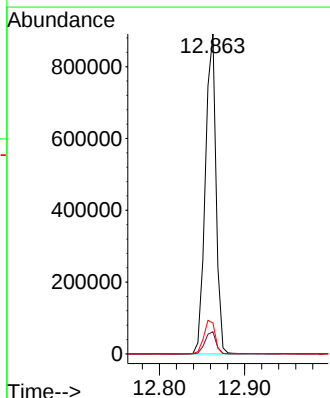
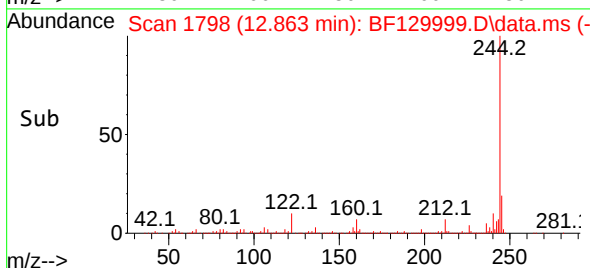
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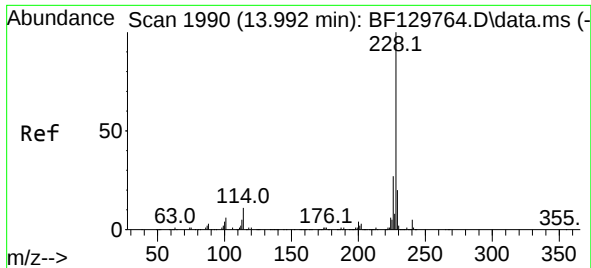


#79
Terphenyl-d14
Concen: 49.616 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58



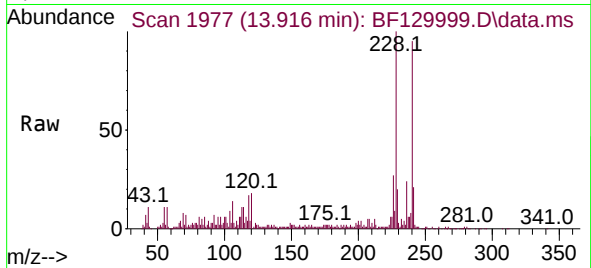
Tgt Ion:244 Resp: 775881
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.7 9.9 14.9#





#81
Benzo(a)anthracene
Concen: 2.457 ng
RT: 13.916 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

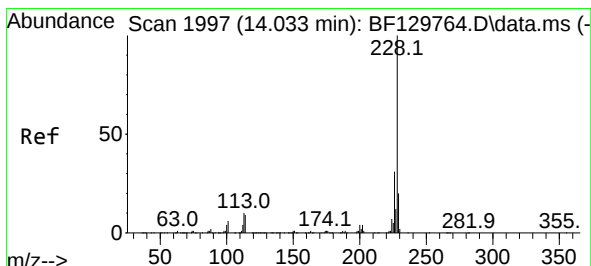
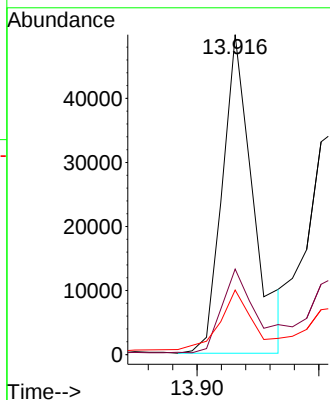
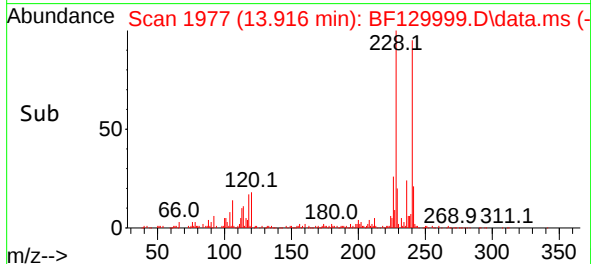
Instrument :
BNA_F
ClientSampleId :
TR-04-082222



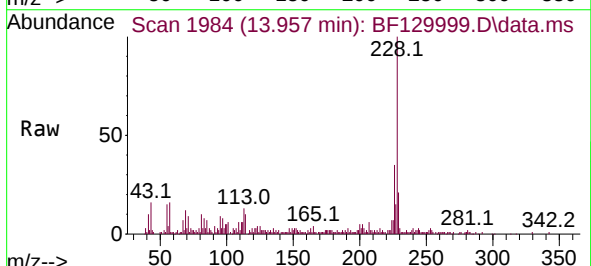
Tgt Ion:228 Resp: 43972
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 20.2 16.1 24.1

Manual Integrations
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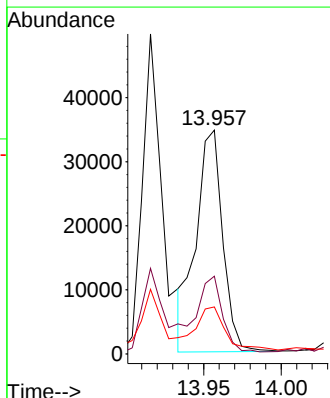
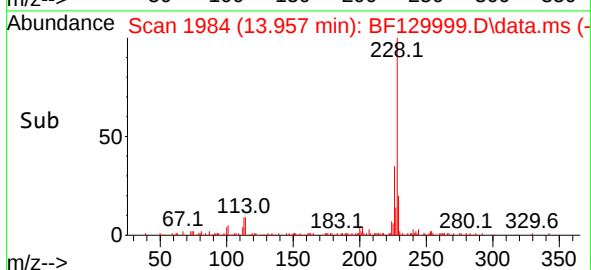
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

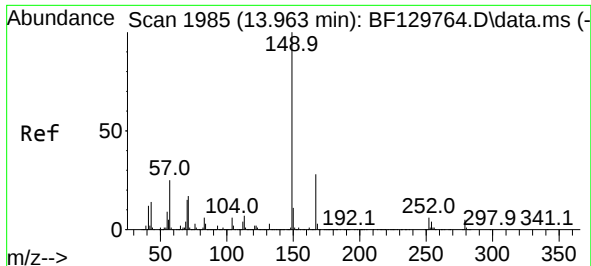


#83
Chrysene
Concen: 2.491 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58



Tgt Ion:228 Resp: 41730
Ion Ratio Lower Upper
228 100
226 34.7 24.4 36.6
229 21.0 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 7.861 ng
RT: 13.886 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

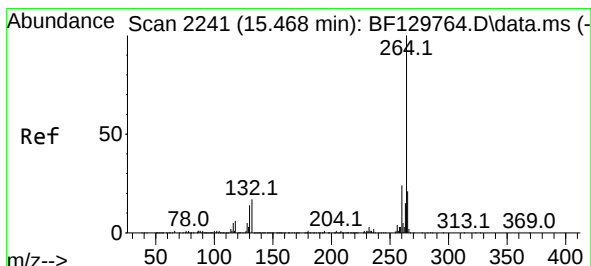
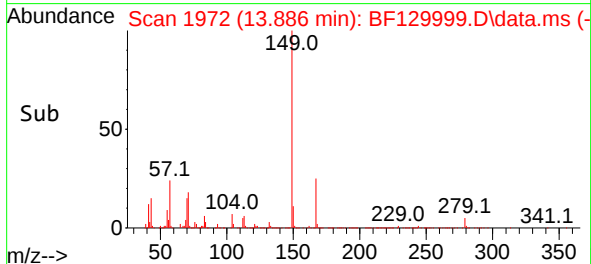
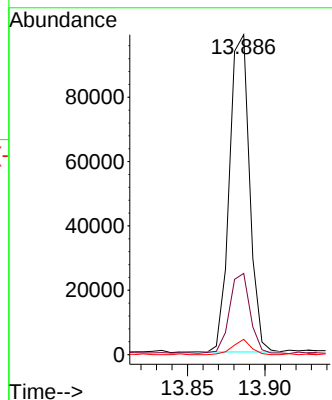
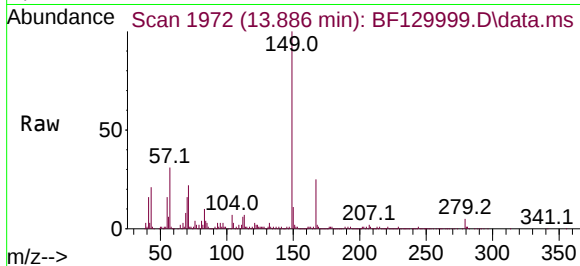
ClientSampleId :

TR-04-082222

Tgt Ion:149 Resp: 89233
Ion Ratio Lower Upper
149 100
167 25.4 22.0 33.0
279 4.8 3.6 5.4

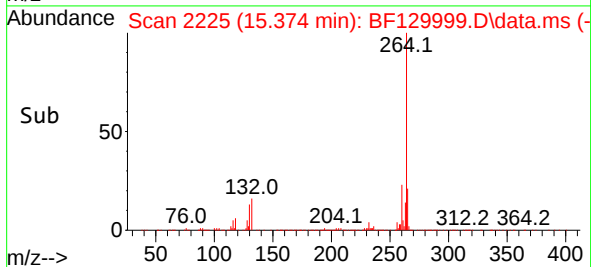
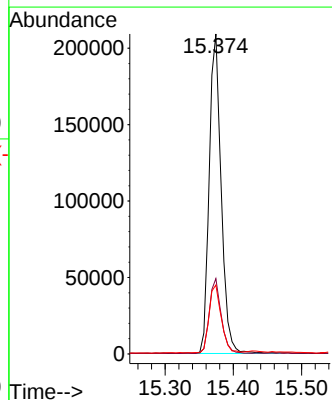
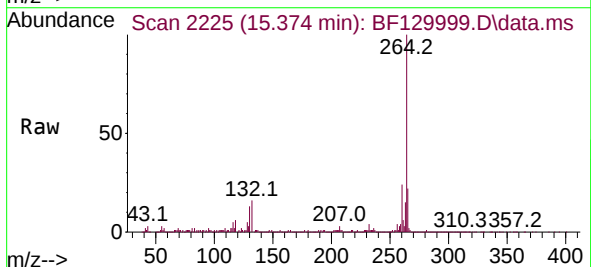
Manual Integrations
APPROVED

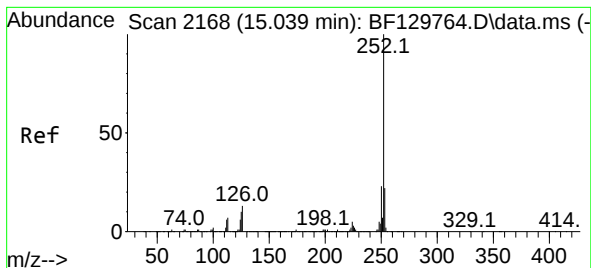
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF129999.D
Acq: 25 Aug 2022 14:58

Tgt Ion:264 Resp: 255346
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.5 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 3.678 ng m

RT: 14.963 min Scan# 2168

Delta R.T. 0.012 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

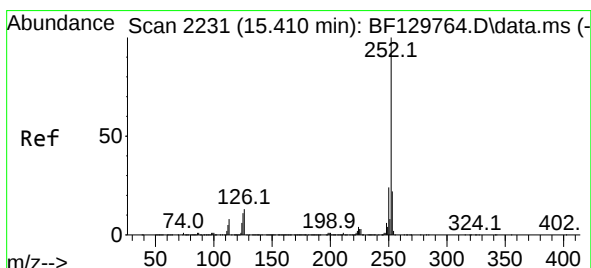
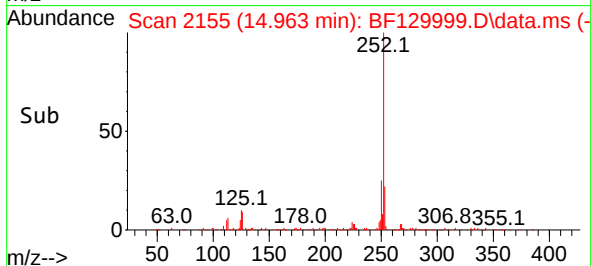
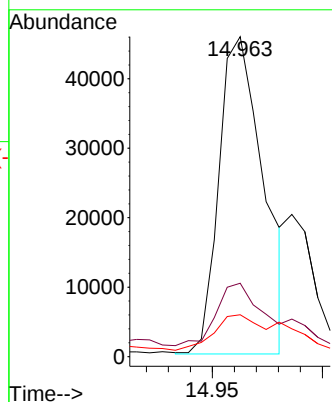
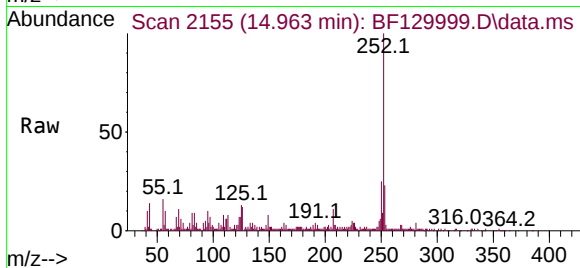
Tgt Ion:252	Resp:	64302
Ion Ratio	Lower	Upper
252	100	
253	22.9	17.5 26.3
125	13.1	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#90

Benzo(a)pyrene

Concen: 2.635 ng

RT: 15.321 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF129999.D

Acq: 25 Aug 2022 14:58

Tgt Ion:252	Resp:	36284
Ion Ratio	Lower	Upper
252	100	
253	25.3	17.2 25.8
125	13.5	8.8 13.2

