

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129729.D
 Acq On : 11 Aug 2022 22:46
 Operator : CG\JU
 Sample : N3894-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-32

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:04:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	151936	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	583577	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	260273	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	354058	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	286585	20.000	ng	-0.01
86) Perylene-d12	15.480	264	243035	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	946706	101.502	ng	0.00
7) Phenol-d6	6.487	99	1179675	100.625	ng	0.00
23) Nitrobenzene-d5	7.398	82	747635	69.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	213577	85.351	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1316985	78.276	ng	-0.01
79) Terphenyl-d14	12.945	244	1004151	66.103	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.574	202	108936	5.563	ng	97
78) Pyrene	12.804	202	111998	4.673	ng	98
81) Benzo(a)anthracene	13.998	228	72471	3.702	ng	98
83) Chrysene	14.033	228	79334	4.300	ng	97
88) Benzo(b)fluoranthene	15.051	252	108605m	6.737	ng	
90) Benzo(a)pyrene	15.415	252	65271	4.988	ng	95
92) Benzo(g,h,i)perylene	17.409	276	40112	2.947	ng	96

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

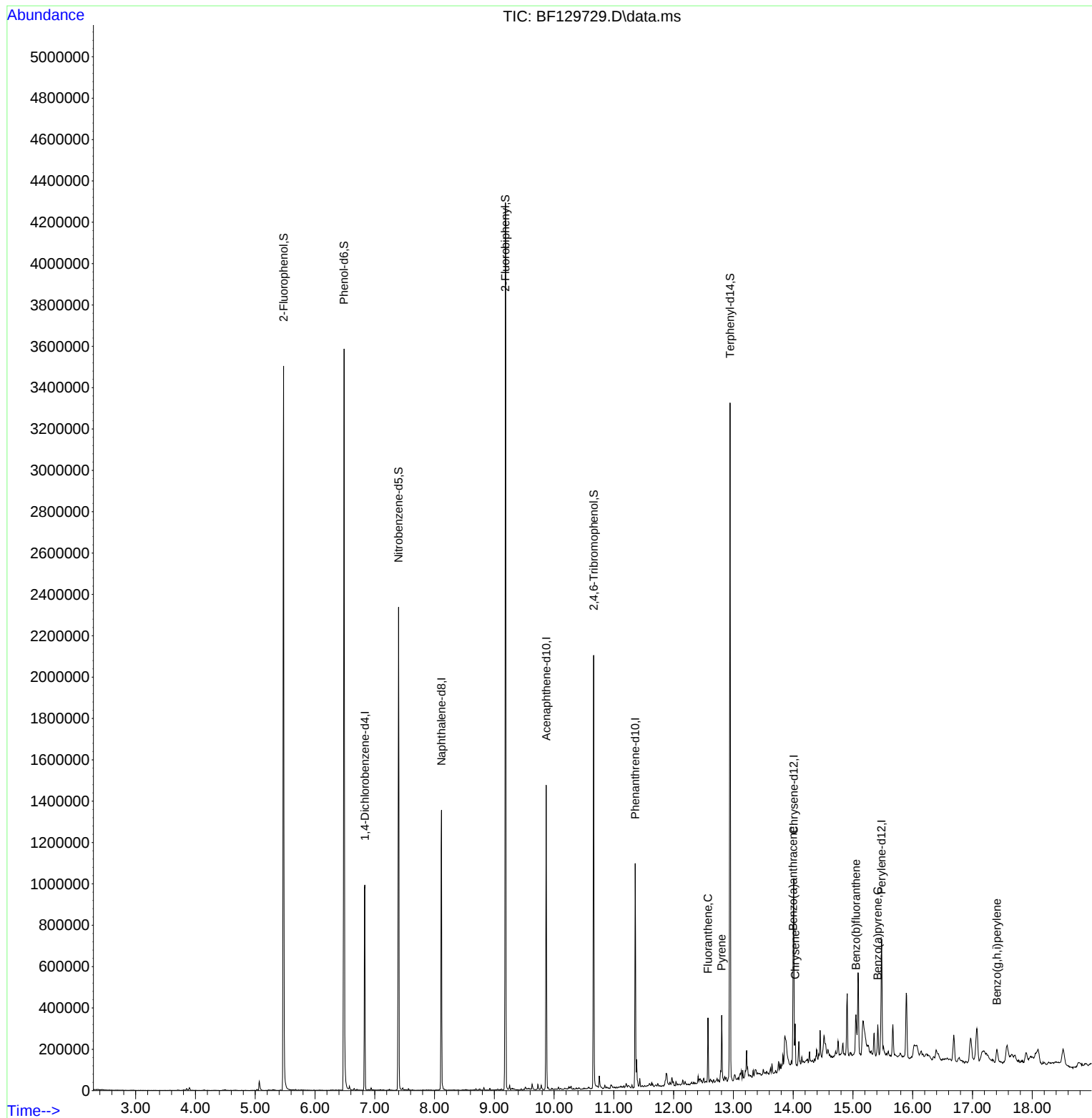
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
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ALS Vial : 14 Sample Multiplier: 1

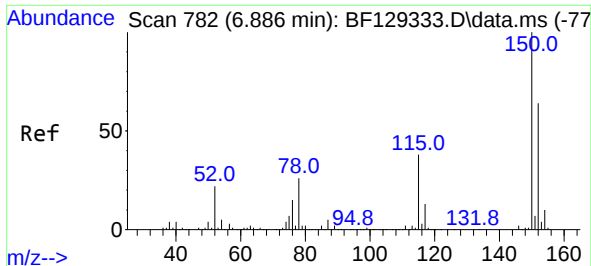
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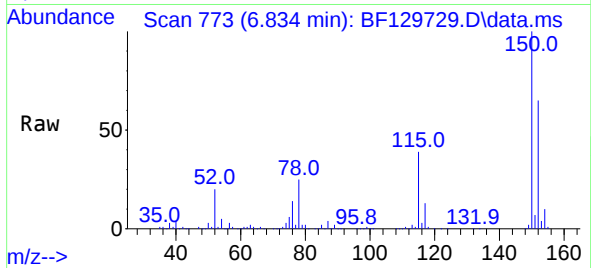
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Supervised By :Jagrut Upadhyay 08/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

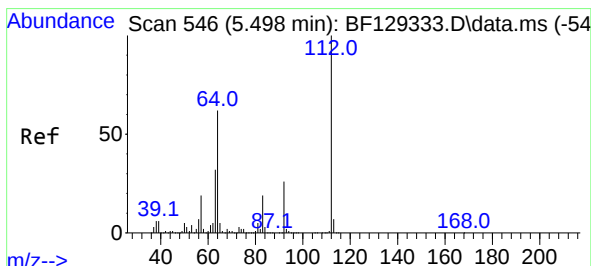
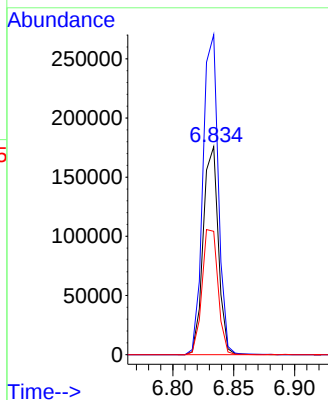
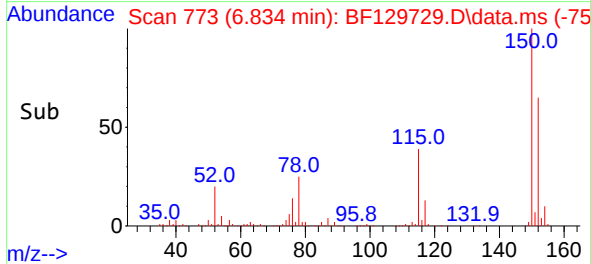
Instrument :
BNA_F
ClientSampleId :
RVE-32



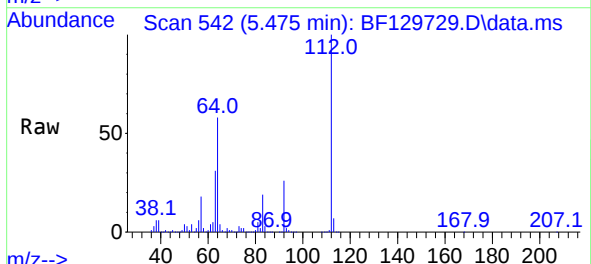
Tgt Ion:152 Resp: 151930
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 59.4 49.9 74.9

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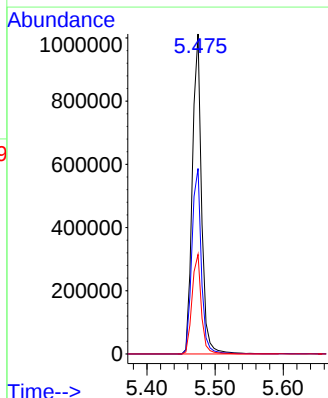
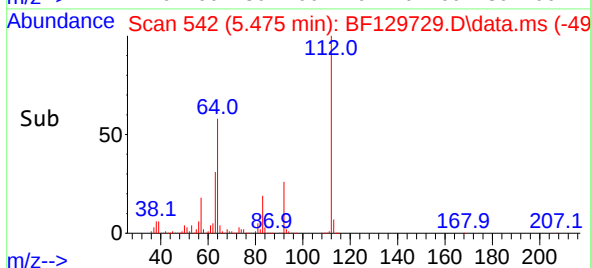
Reviewed By :Christian Giraldo 08/12/2022
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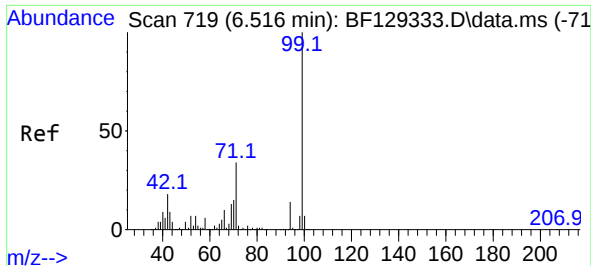


#5
2-Fluorophenol
Concen: 101.502 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46



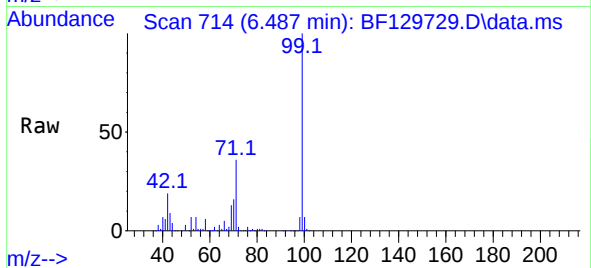
Tgt Ion:112 Resp: 946706
Ion Ratio Lower Upper
112 100
64 57.9 53.3 79.9
63 31.1 28.0 42.0





#7
Phenol-d6
Concen: 100.625 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

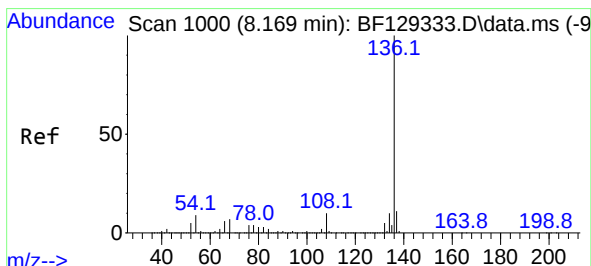
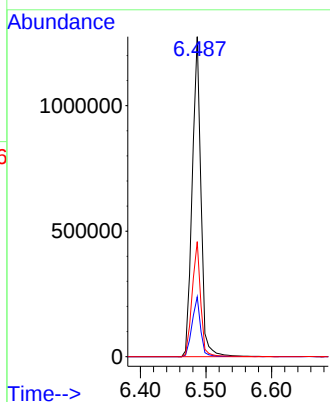
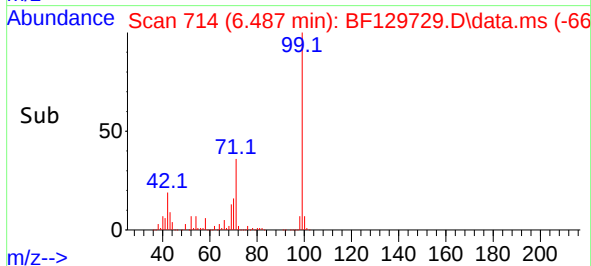
Instrument :
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ClientSampleId :
RVE-32



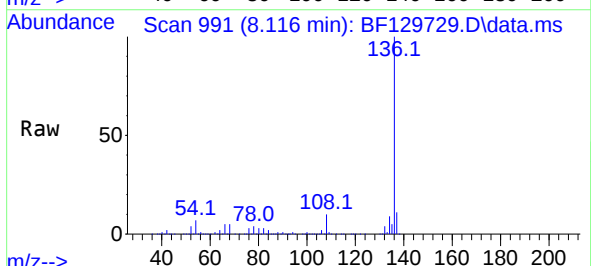
Tgt Ion: 99 Resp: 1179679
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 35.9 28.9 43.3

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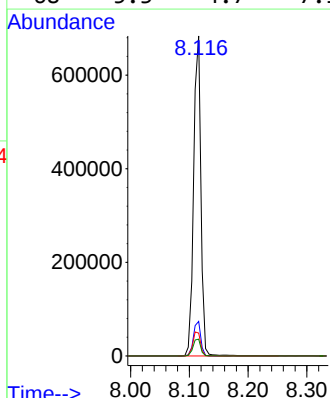
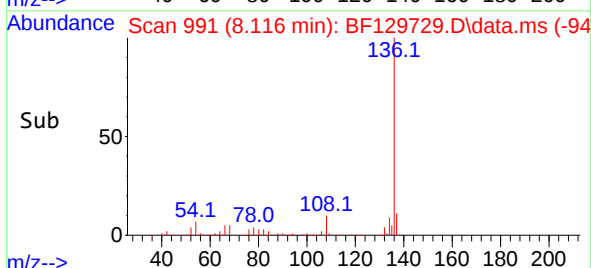
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

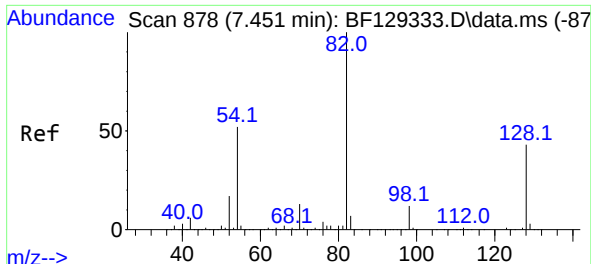


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46



Tgt Ion:136 Resp: 583577
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 7.5 11.3#
68 5.3 4.7 7.1





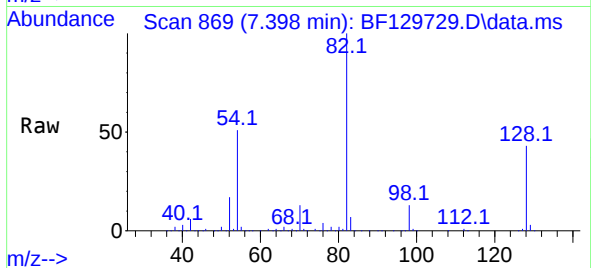
#23
Nitrobenzene-d5
Concen: 69.935 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

Instrument :

BNA_F

ClientSampleId :

RVE-32

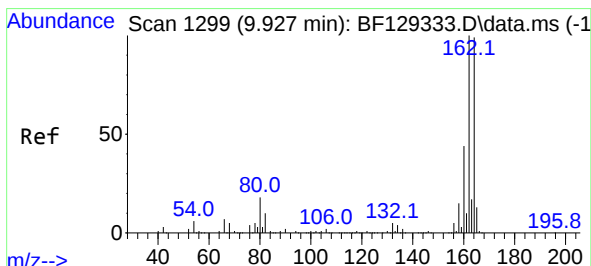
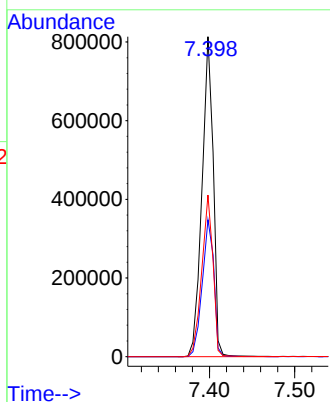
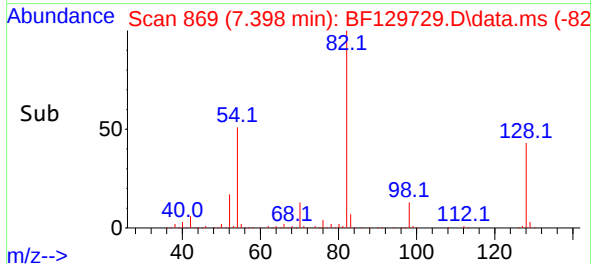


Tgt Ion: 82 Resp: 747635
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 50.5 46.9 70.3

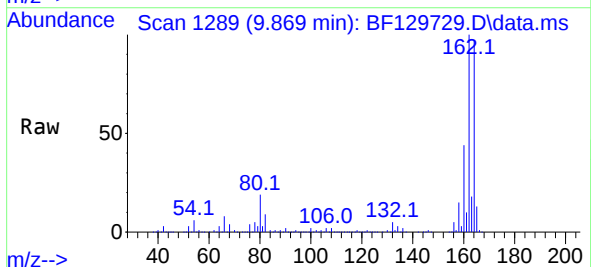
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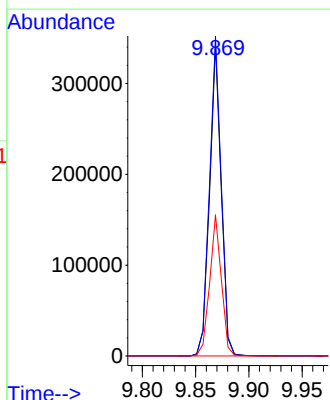
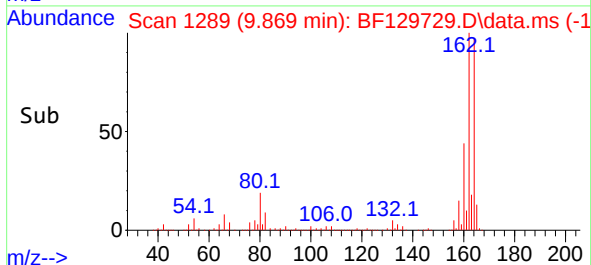
Reviewed By :Christian Giraldo 08/12/2022
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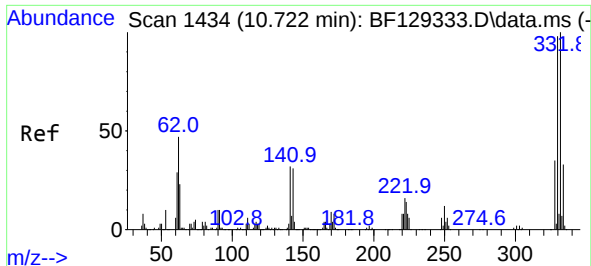


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46



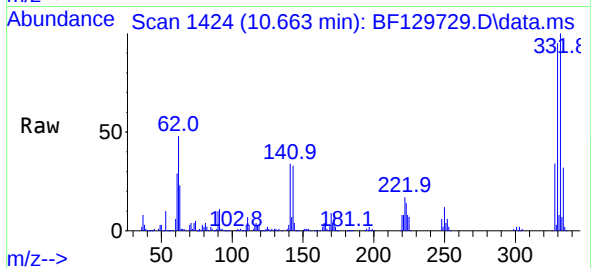
Tgt Ion:164 Resp: 260273
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 45.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 85.351 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

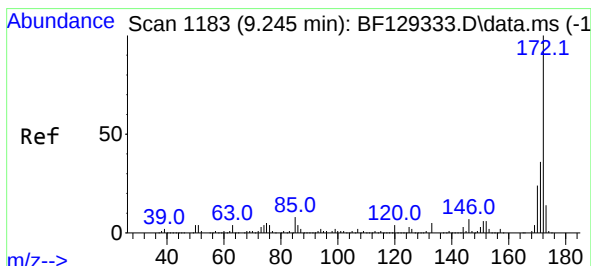
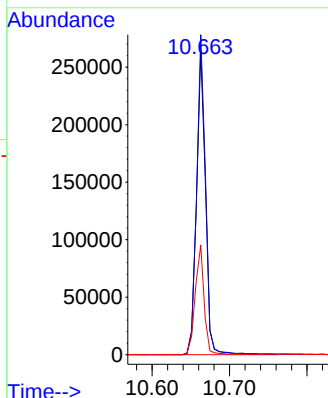
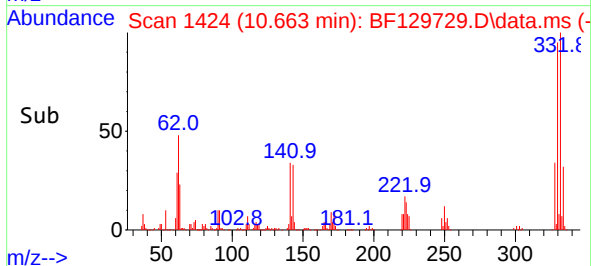
Instrument :
BNA_F
ClientSampleId :
RVE-32



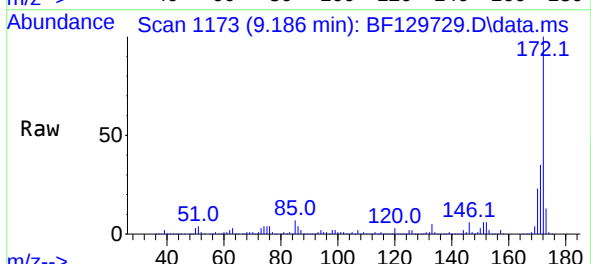
Tgt Ion:330 Resp: 21357
Ion Ratio Lower Upper
330 100
332 104.4 76.8 115.2
141 36.1 28.0 42.0

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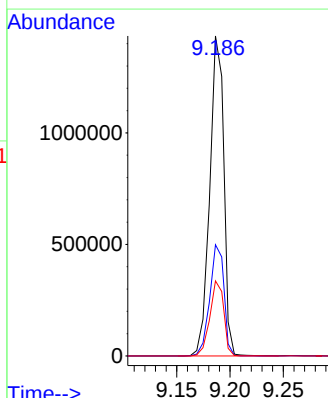
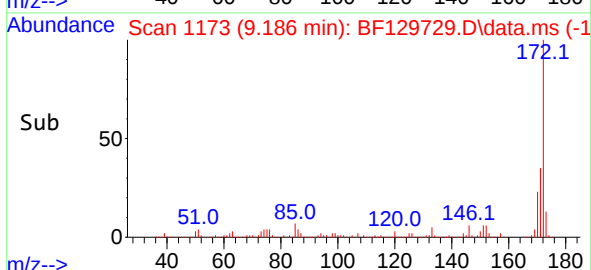
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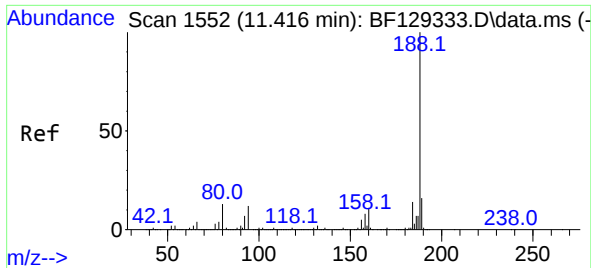


#45
2-Fluorobiphenyl
Concen: 78.276 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46



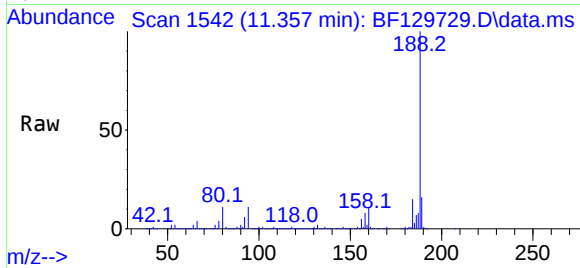
Tgt Ion:172 Resp: 1316985
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

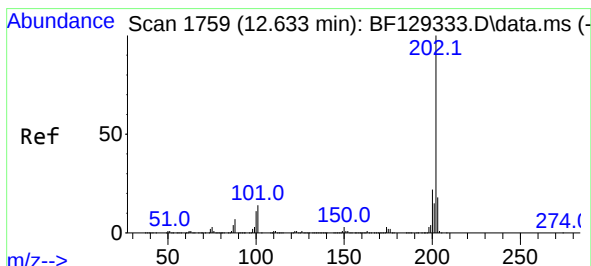
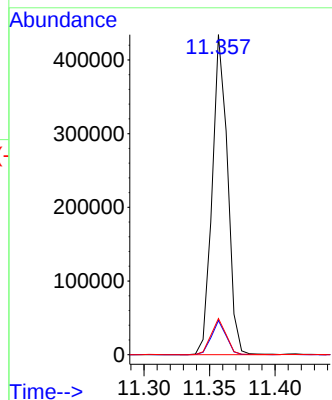
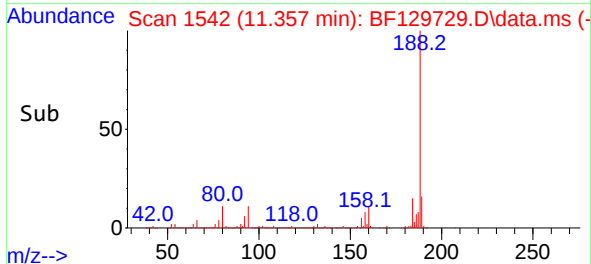
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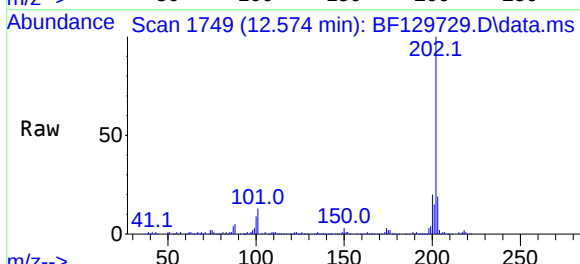
Tgt Ion:188 Resp: 354058
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6
80 11.3 7.6 11.4

Manual Integrations
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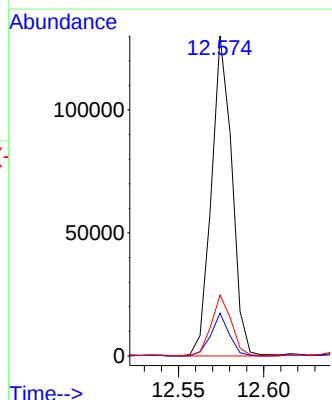
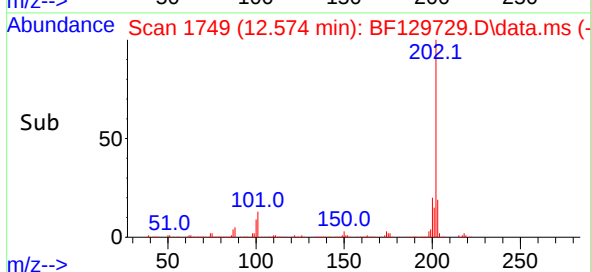
Reviewed By :Christian Giraldo 08/12/2022
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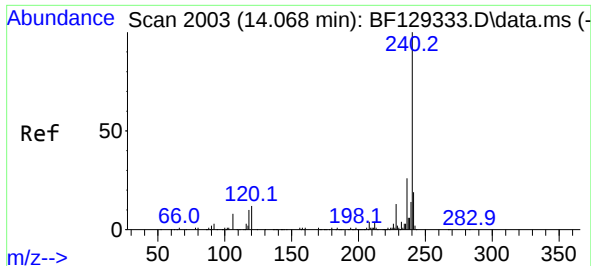


#75
Fluoranthene
Concen: 5.563 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46



Tgt Ion:202 Resp: 108936
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 19.0 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BF129729.D

Acq: 11 Aug 2022 22:46

Instrument :

BNA_F

ClientSampleId :

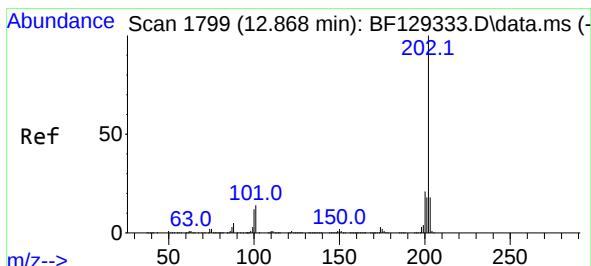
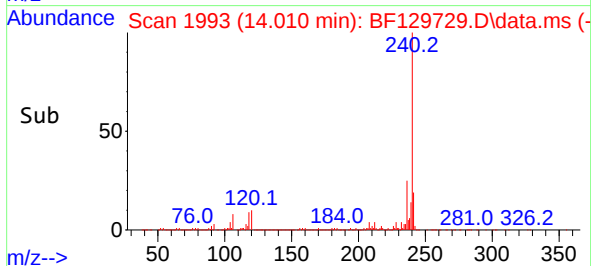
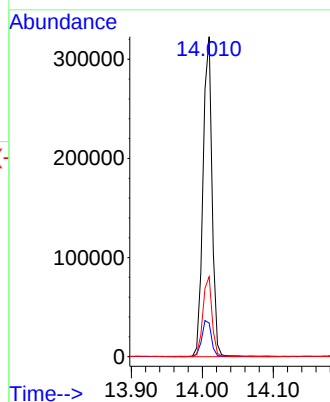
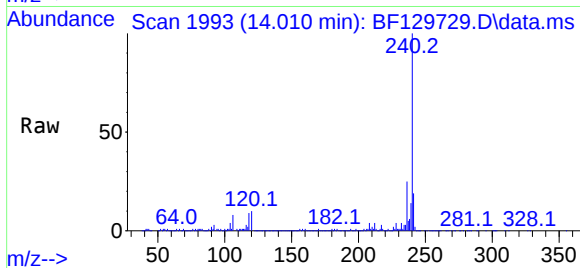
RVE-32

Tgt Ion:240 Resp: 286585
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.9 13.3
 236 25.0 20.8 31.2

Manual Integrations

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#78

Pyrene

Concen: 4.673 ng

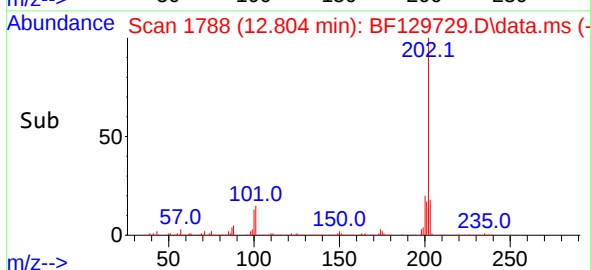
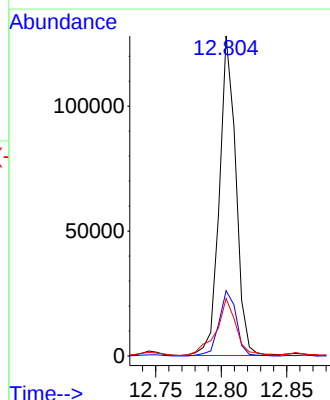
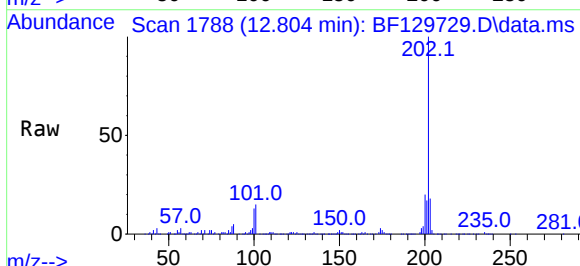
RT: 12.804 min Scan# 1788

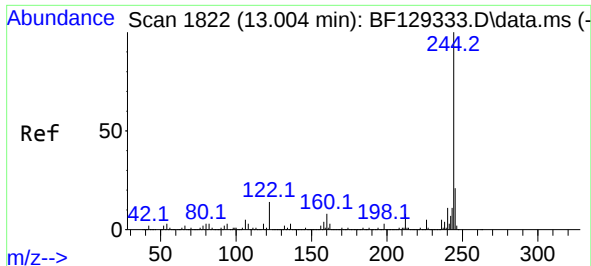
Delta R.T. -0.012 min

Lab File: BF129729.D

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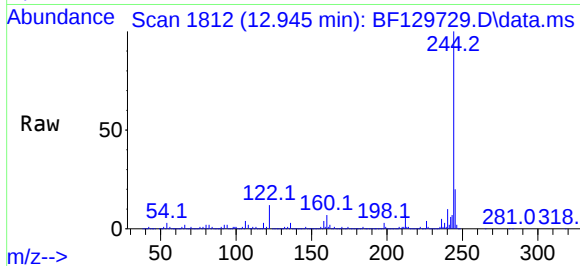
Tgt Ion:202 Resp: 111998
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.7 26.5
 203 18.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 66.103 ng
 RT: 12.945 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129729.D
 Acq: 11 Aug 2022 22:46

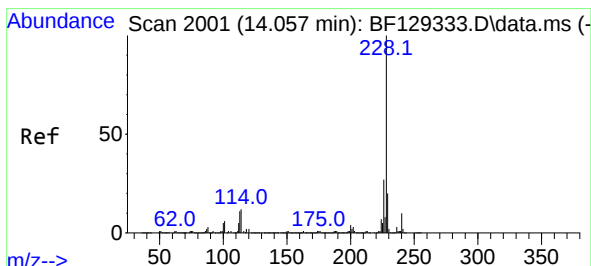
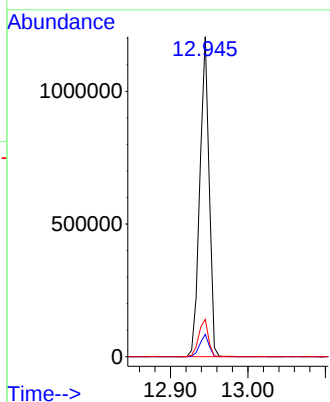
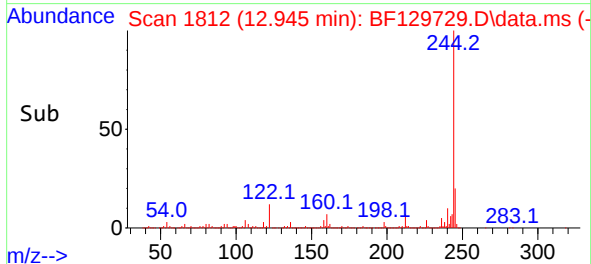
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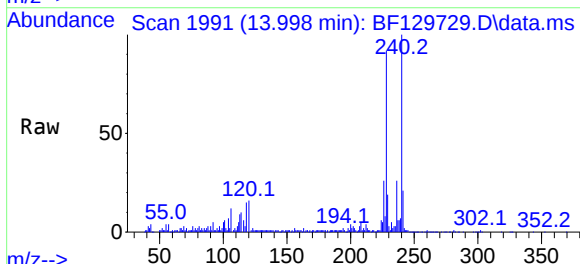
Tgt Ion:244 Resp: 100415
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.6 8.8 13.2

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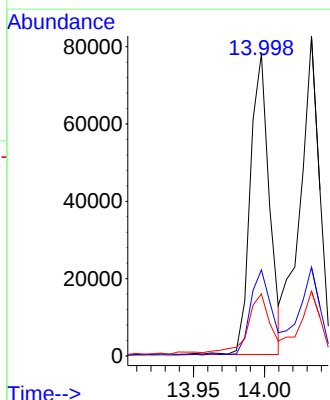
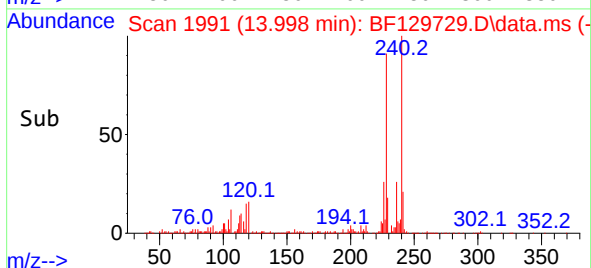
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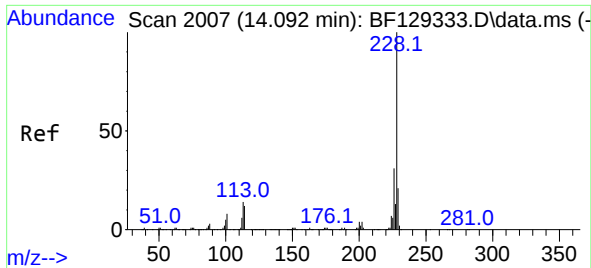


#81
 Benzo(a)anthracene
 Concen: 3.702 ng
 RT: 13.998 min Scan# 1991
 Delta R.T. -0.012 min
 Lab File: BF129729.D
 Acq: 11 Aug 2022 22:46



Tgt Ion:228 Resp: 72471
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.1 33.1
 229 20.5 15.8 23.8





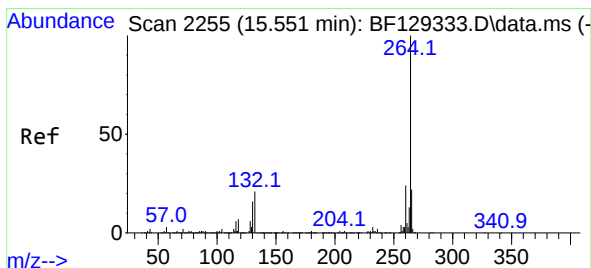
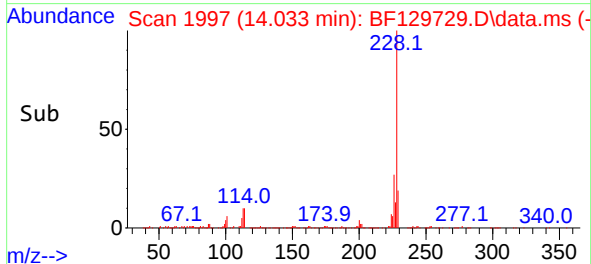
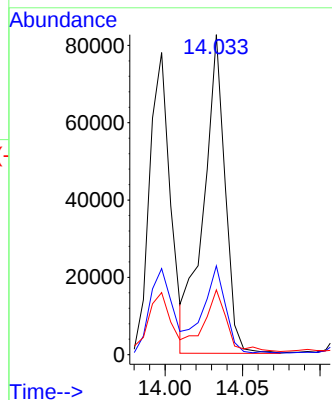
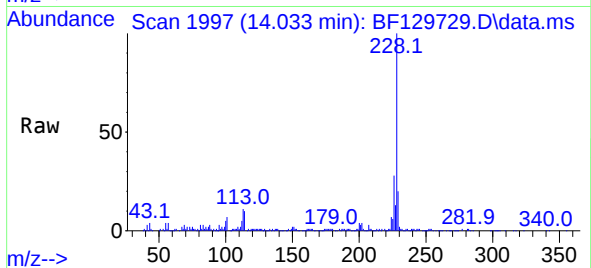
#83
Chrysene
Concen: 4.300 ng
RT: 14.033 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

Instrument :
BNA_F
ClientSampleId :
RVE-32

Tgt Ion:228 Resp: 79334
Ion Ratio Lower Upper
228 100
226 27.7 24.3 36.5
229 20.2 15.9 23.9

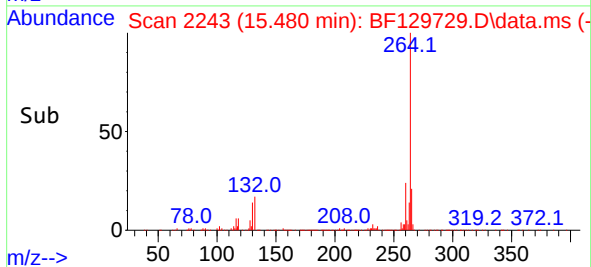
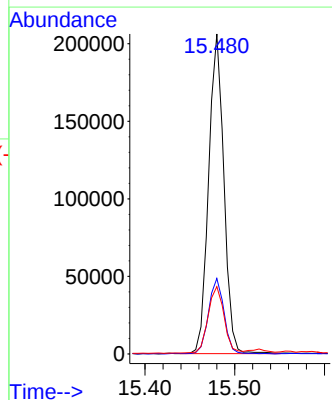
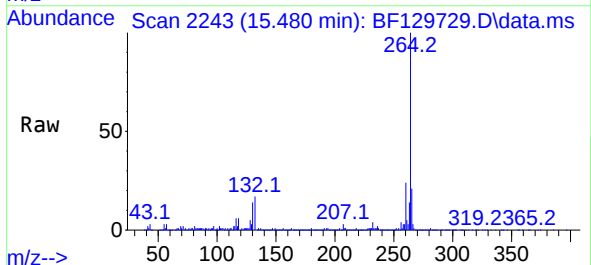
Manual Integrations
APPROVED

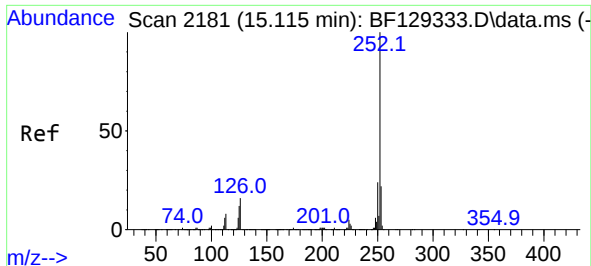
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

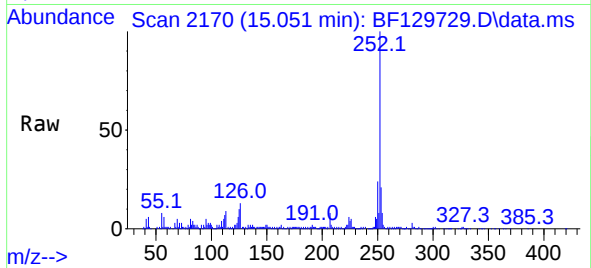
Tgt Ion:264 Resp: 243035
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.1 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 6.737 ng m
RT: 15.051 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

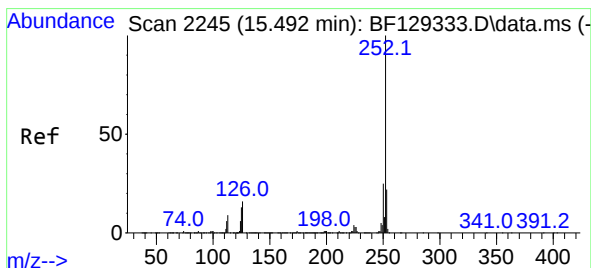
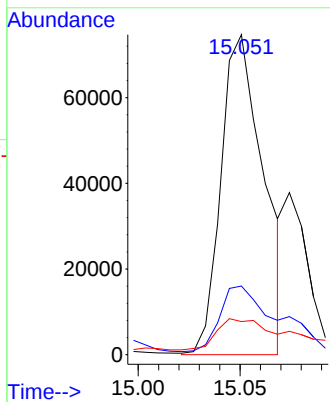
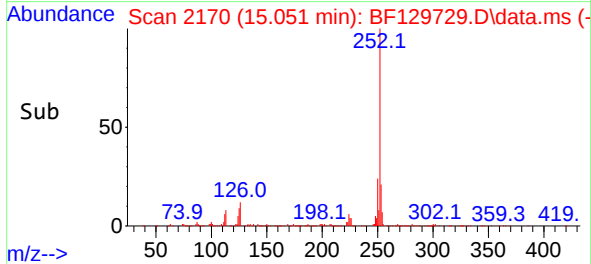
Instrument :
BNA_F
ClientSampleId :
RVE-32



Tgt Ion:252 Resp: 108609
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.3 8.0 12.0

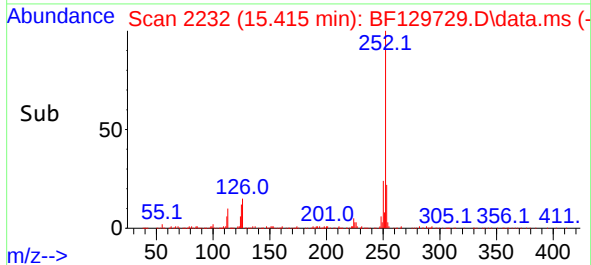
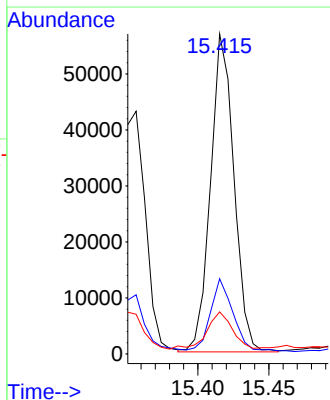
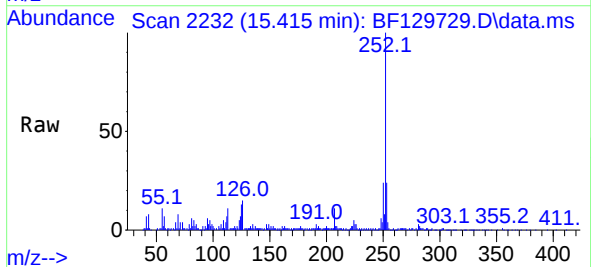
Manual Integrations
APPROVED

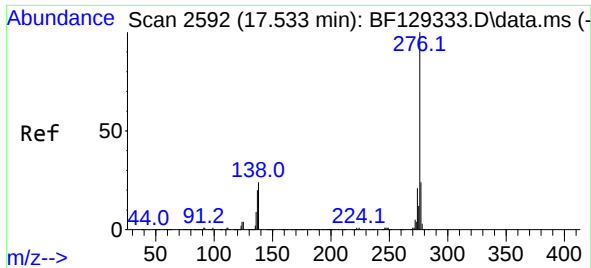
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#90
Benzo(a)pyrene
Concen: 4.988 ng
RT: 15.415 min Scan# 2232
Delta R.T. -0.012 min
Lab File: BF129729.D
Acq: 11 Aug 2022 22:46

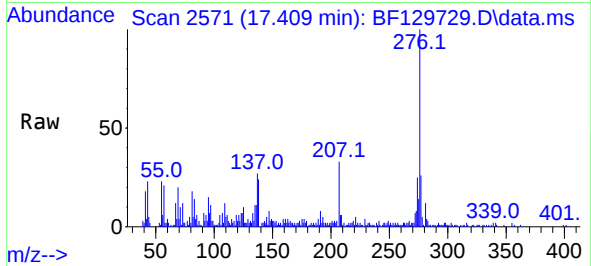
Tgt Ion:252 Resp: 65271
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 13.2 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.947 ng
 RT: 17.409 min Scan# 2571
 Delta R.T. -0.024 min
 Lab File: BF129729.D
 Acq: 11 Aug 2022 22:46

Instrument :
 BNA_F
 ClientSampleId :
 RVE-32



Tgt Ion: 276 Resp: 4011
 Ion Ratio Lower Upper
 276 100
 277 25.6 19.1 28.7
 138 24.2 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

