

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129559.D
 Acq On : 04 Aug 2022 01:27
 Operator : CG\JU
 Sample : N3927-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-85

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 02:22:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

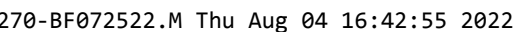
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112017	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364288	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	166374	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	312841	20.000	ng	0.00
76) Chrysene-d12	14.045	240	261110	20.000	ng	0.00
86) Perylene-d12	15.533	264	183590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	845853	123.008	ng	0.00
7) Phenol-d6	6.516	99	957614	110.793	ng	0.00
23) Nitrobenzene-d5	7.434	82	582573	87.299	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	214955	134.384	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	869615	80.857	ng	0.00
79) Terphenyl-d14	12.986	244	1058995	76.515	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	49129	2.877	ng	97
75) Fluoranthene	12.616	202	96422	5.573	ng	99
78) Pyrene	12.845	202	142681	6.535	ng	98
81) Benzo(a)anthracene	14.033	228	50757m	2.846	ng	
83) Chrysene	14.068	228	59012	3.511	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	58593	4.699	ng	97
85) Di-n-octyl phthalate	14.627	149	53615m	2.988	ng	
88) Benzo(b)fluoranthene	15.092	252	46958m	3.856	ng	
90) Benzo(a)pyrene	15.462	252	36202	3.662	ng	# 89
92) Benzo(g,h,i)perylene	17.486	276	25997	2.528	ng	95

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

Manual Integrations

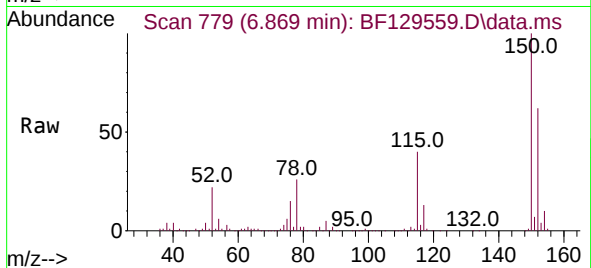
Quant Time: Aug 04 02:22:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

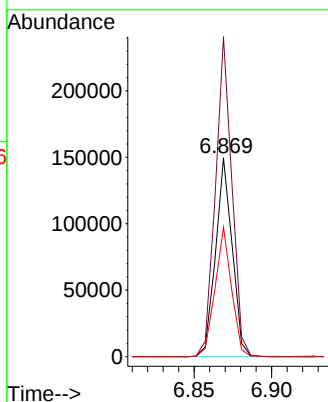
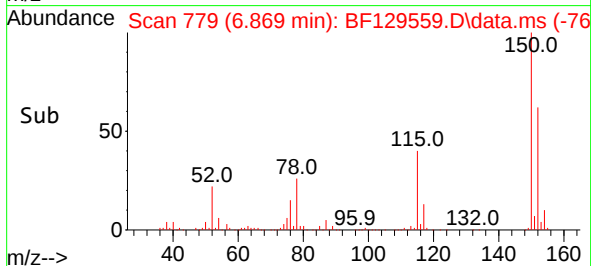
Instrument :
BNA_F
ClientSampleId :
RVE-85



Tgt Ion:152 Resp: 11201
Ion Ratio Lower Upper
152 100
150 161.0 123.7 185.5
115 65.1 49.9 74.9

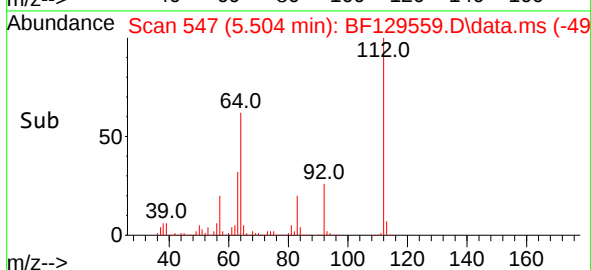
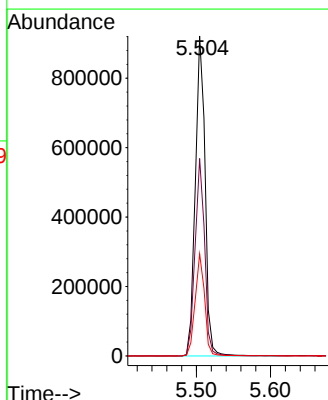
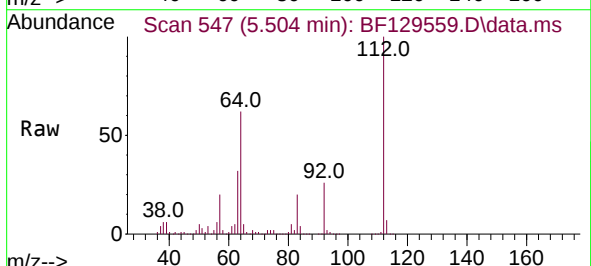
Manual Integrations
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#5
2-Fluorophenol
Concen: 123.008 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

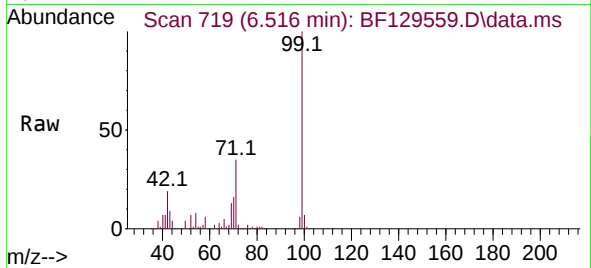
Tgt Ion:112 Resp: 845853
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 31.9 28.0 42.0





#7
Phenol-d6
Concen: 110.793 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

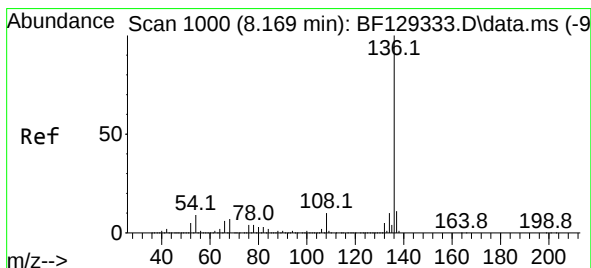
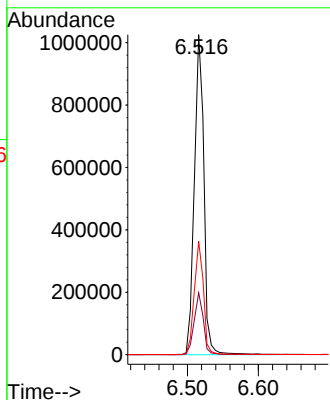
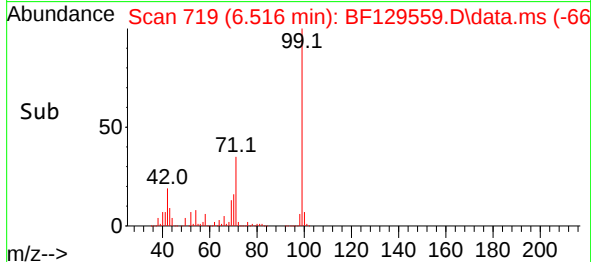
Instrument :
BNA_F
ClientSampleId :
RVE-85



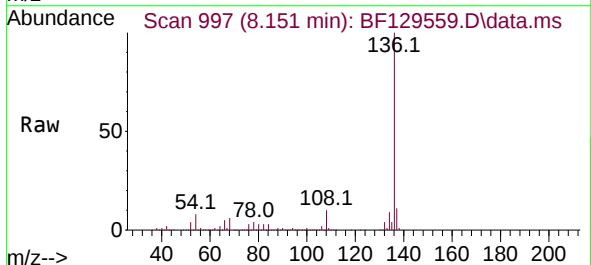
Tgt Ion: 99 Resp: 957614
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.4 28.9 43.3

Manual Integrations
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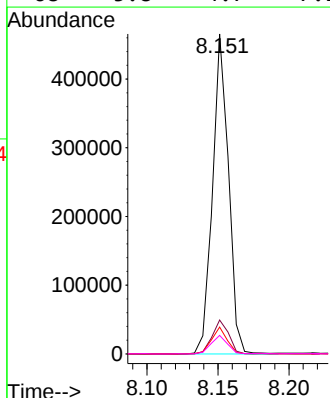
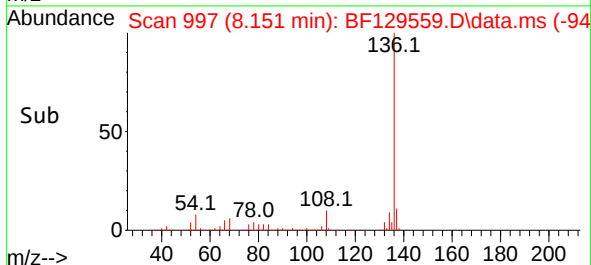
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

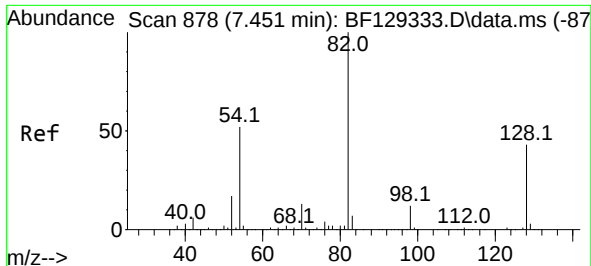


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27



Tgt Ion:136 Resp: 364288
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.4 7.5 11.3
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 87.299 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

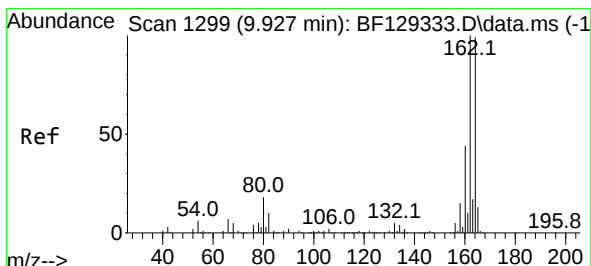
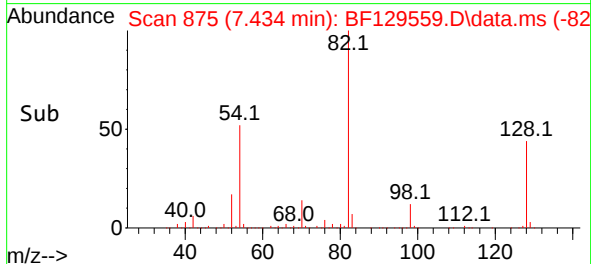
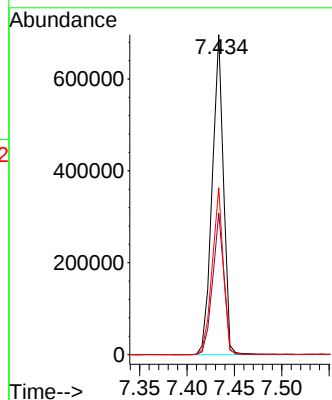
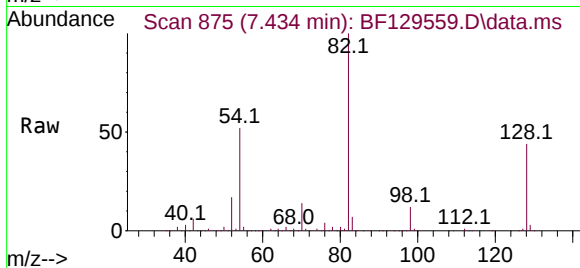
Tgt Ion: 82 Resp: 582573

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	52.1	46.9	70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1296

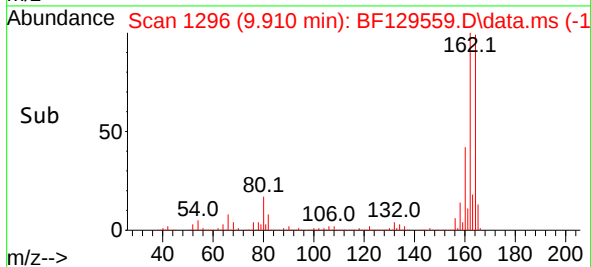
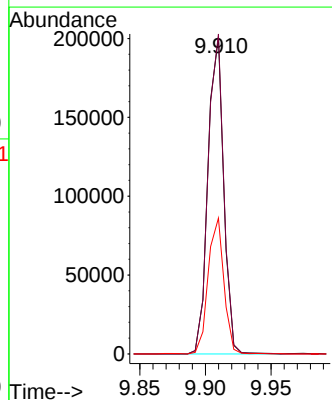
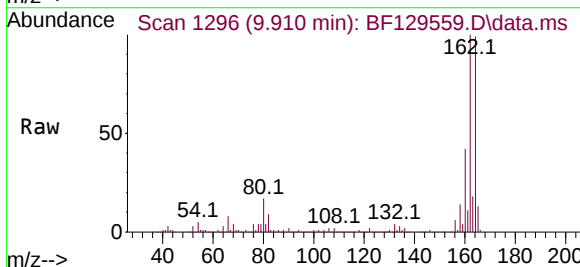
Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Tgt Ion:164 Resp: 166374

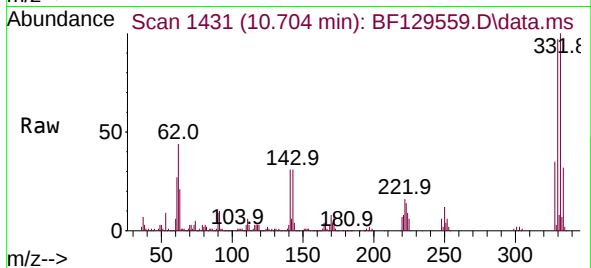
Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.5	119.3
160	42.9	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 134.384 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

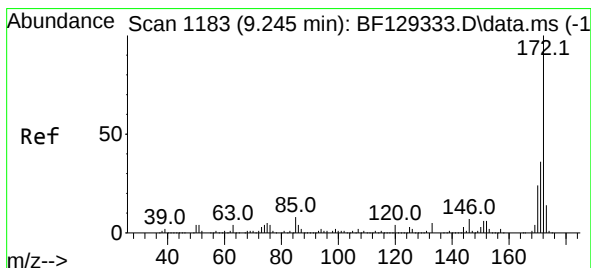
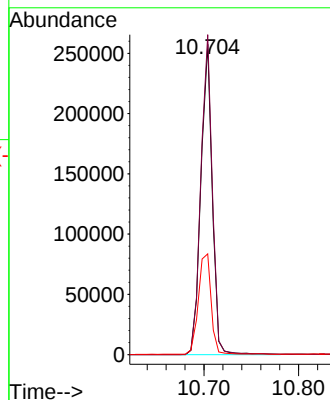
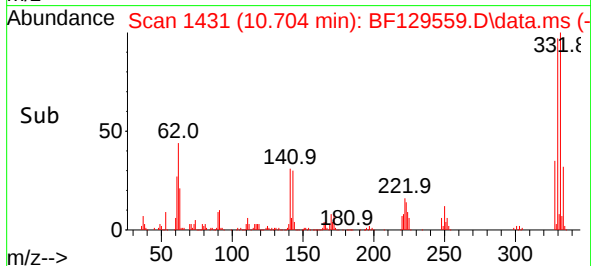
Instrument :
BNA_F
ClientSampleId :
RVE-85



Tgt Ion: 330 Resp: 214955
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 35.9 28.0 42.0

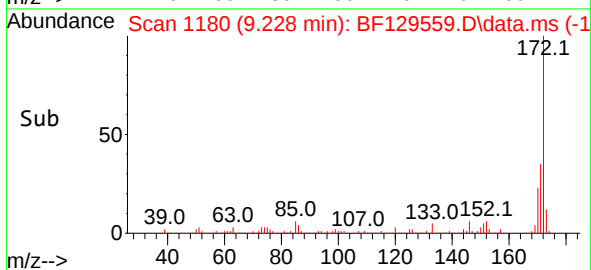
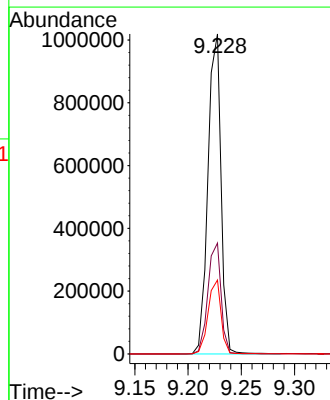
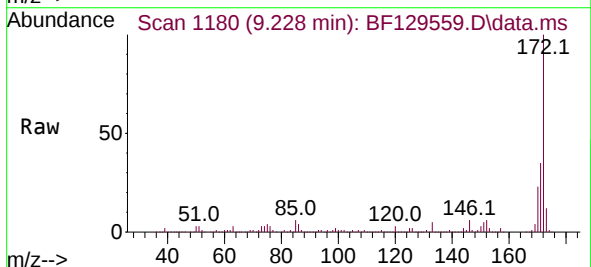
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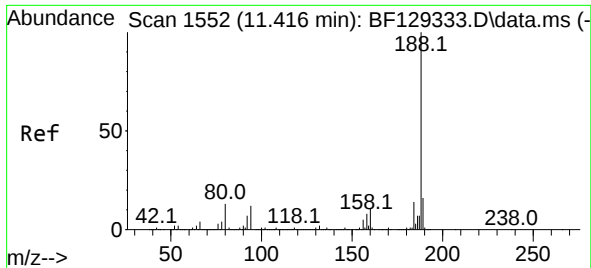
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 80.857 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion: 172 Resp: 869615
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.1 19.8 29.8





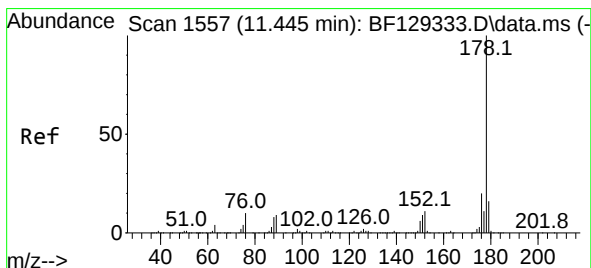
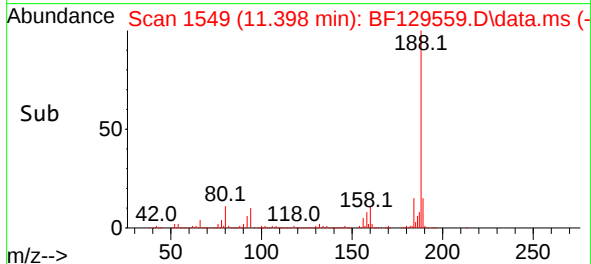
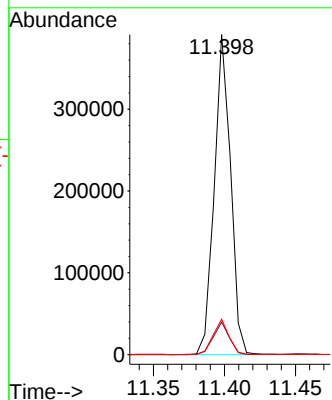
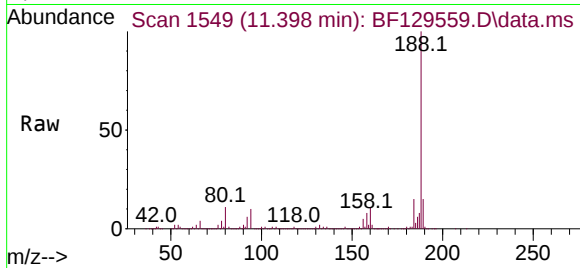
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Instrument :
BNA_F
ClientSampleId :
RVE-85

Tgt Ion:188 Resp: 31284
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.1 7.6 11.4

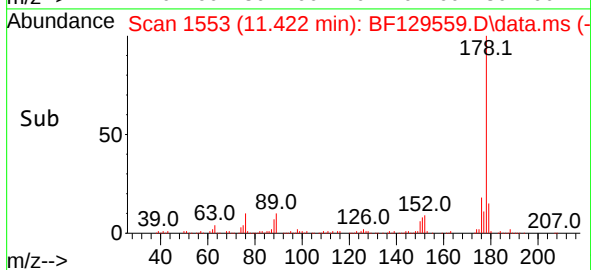
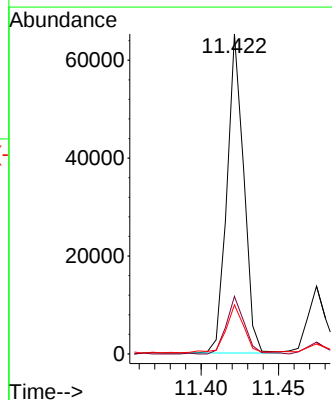
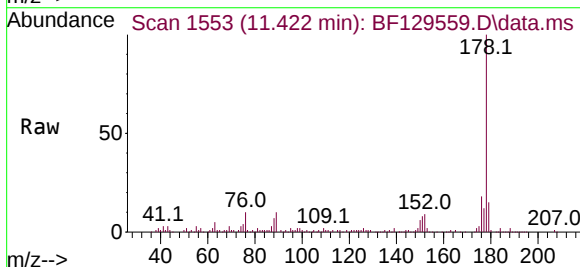
Manual Integrations
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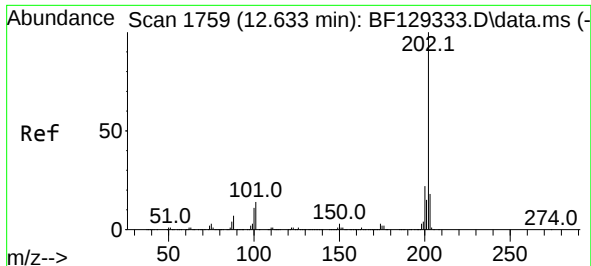
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 2.877 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

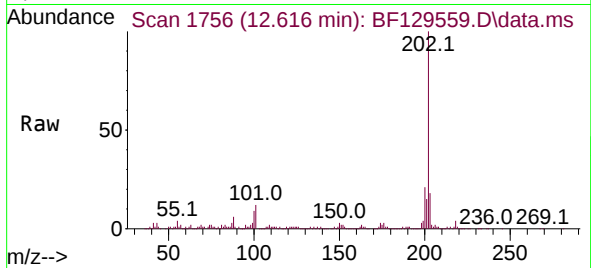
Tgt Ion:178 Resp: 49129
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 15.3 12.6 19.0





#75
Fluoranthene
Concen: 5.573 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

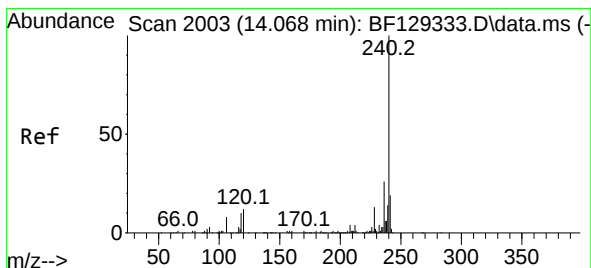
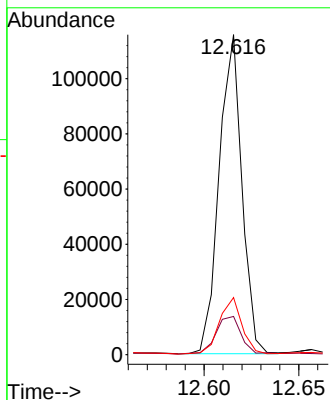
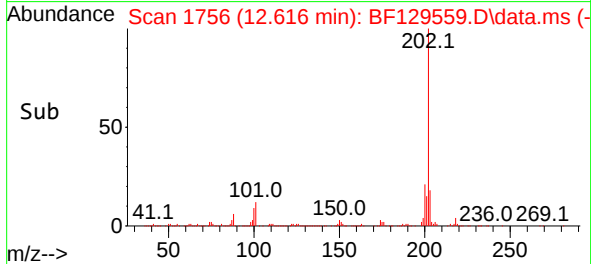
Instrument :
BNA_F
ClientSampleId :
RVE-85



Tgt Ion:202 Resp: 96422
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 17.8 0.0 38.0

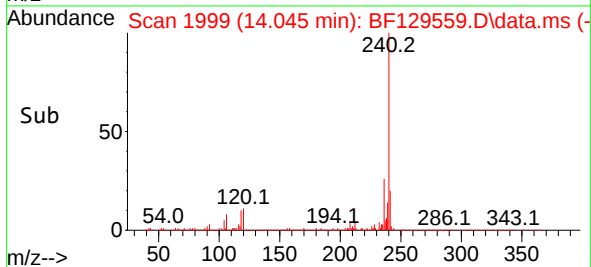
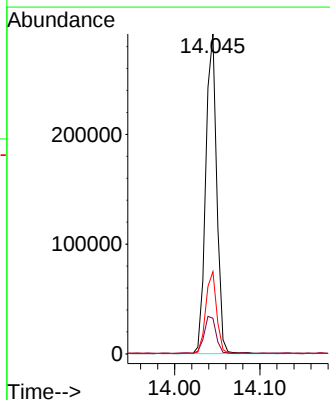
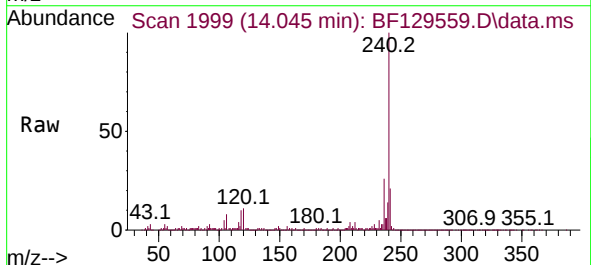
Manual Integrations
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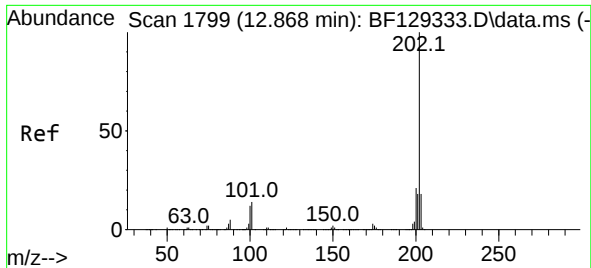
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:240 Resp: 261110
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.7 20.8 31.2





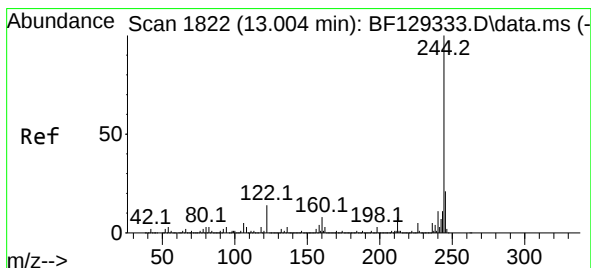
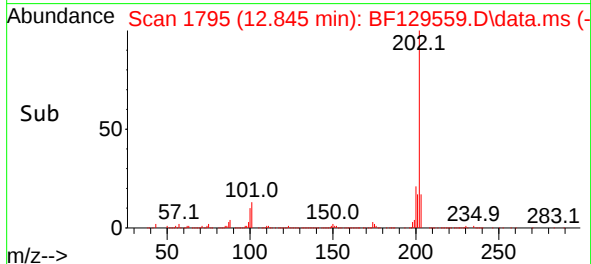
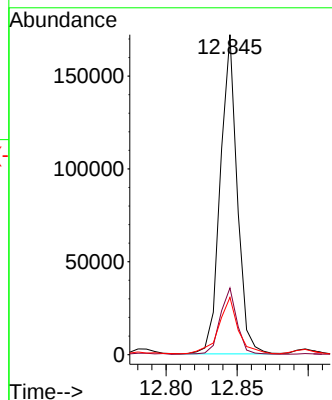
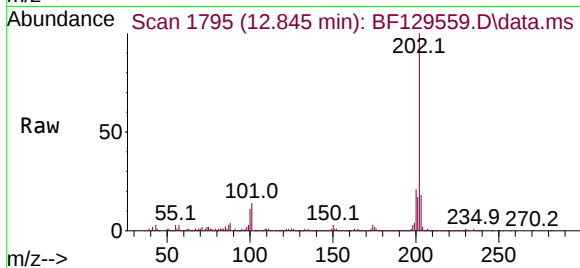
#78
Pyrene
Concen: 6.535 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Instrument :
BNA_F
ClientSampleId :
RVE-85

Tgt Ion:202 Resp: 142681
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 17.9 14.6 21.8

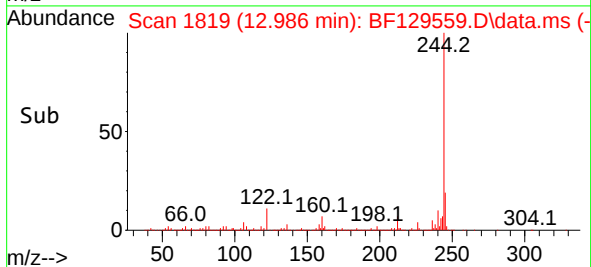
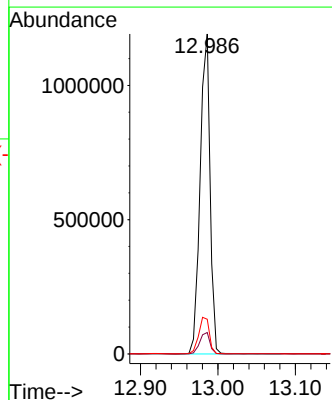
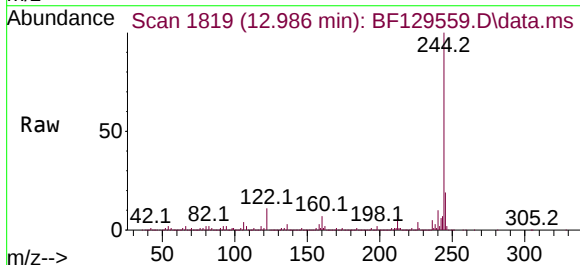
Manual Integrations
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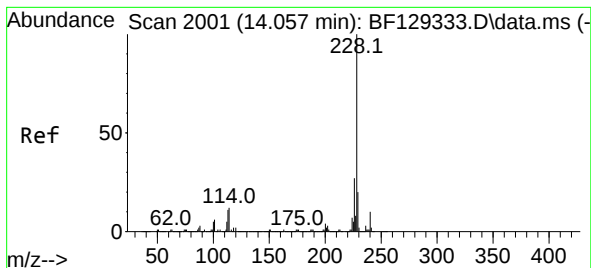
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#79
Terphenyl-d14
Concen: 76.515 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:244 Resp: 1058995
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 10.8 8.8 13.2





#81

Benzo(a)anthracene

Concen: 2.846 ng m

RT: 14.033 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

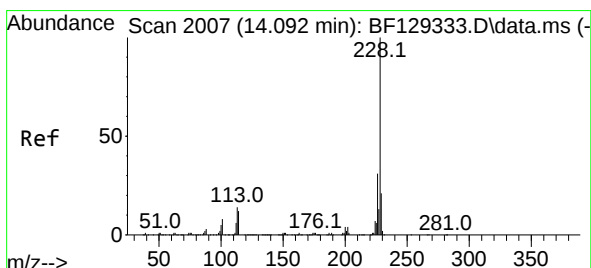
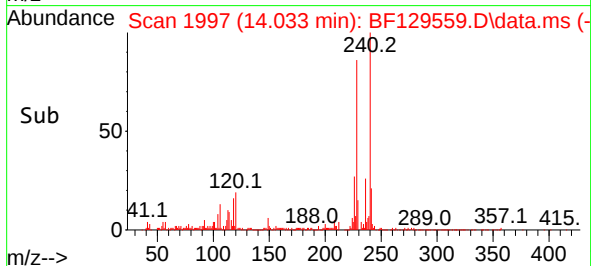
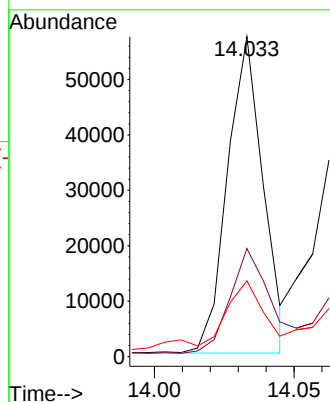
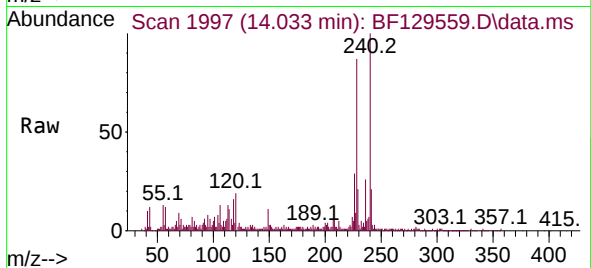
Tgt Ion:228 Resp: 50752
 Ion Ratio Lower Upper
 228 100
 226 33.8 22.1 33.1
 229 23.7 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#83

Chrysene

Concen: 3.511 ng

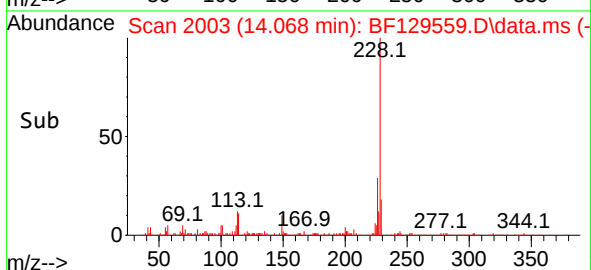
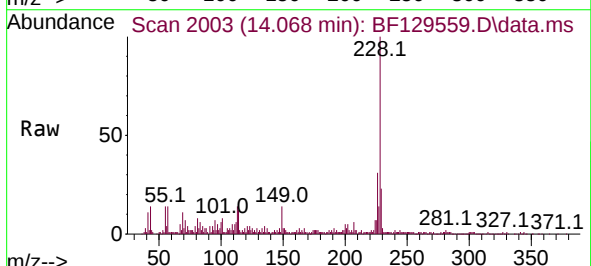
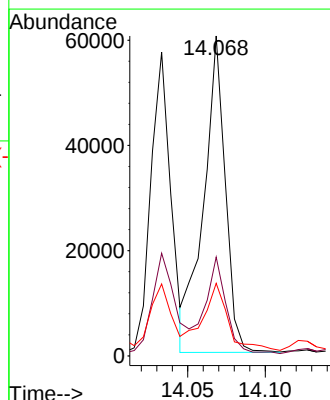
RT: 14.068 min Scan# 2003

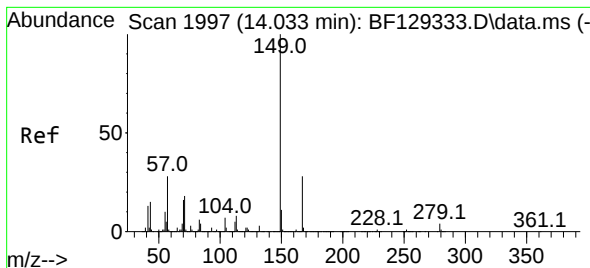
Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Tgt Ion:228 Resp: 59012
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 22.7 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.699 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

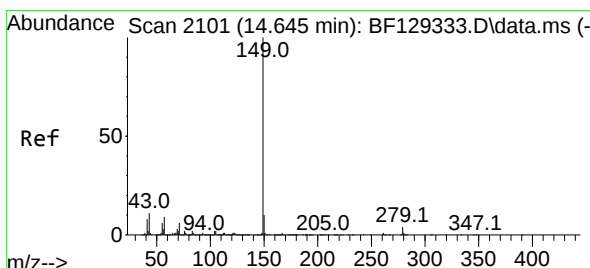
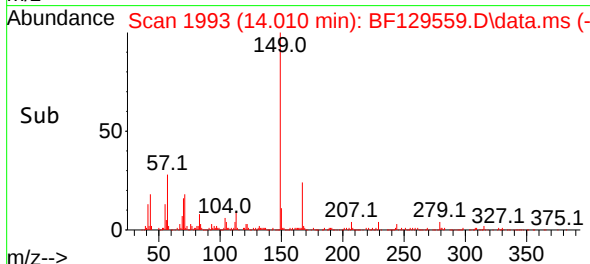
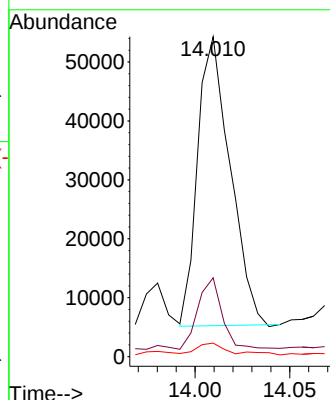
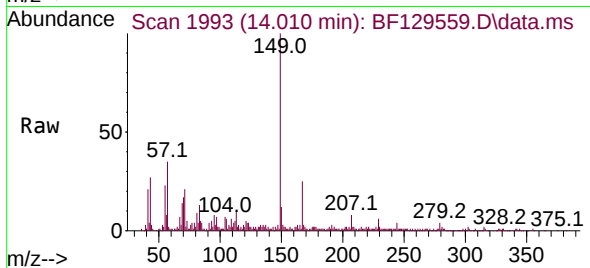
Tgt Ion:149 Resp: 58593
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.0 31.4
 279 4.2 3.1 4.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#85

Di-n-octyl phthalate

Concen: 2.988 ng m

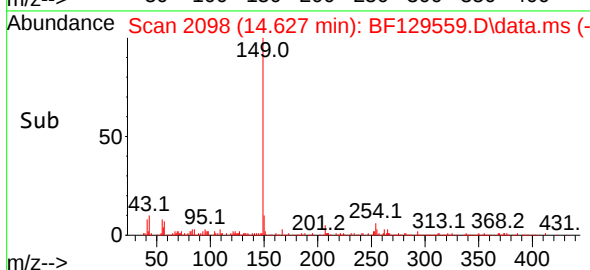
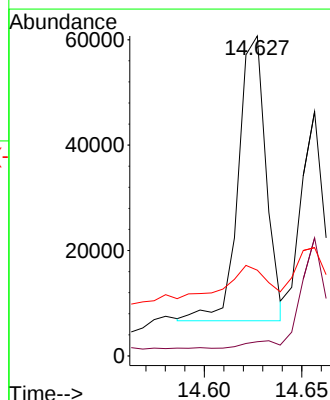
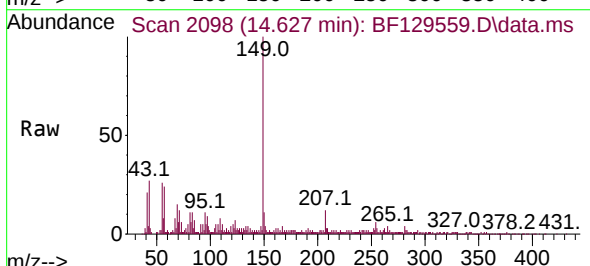
RT: 14.627 min Scan# 2098

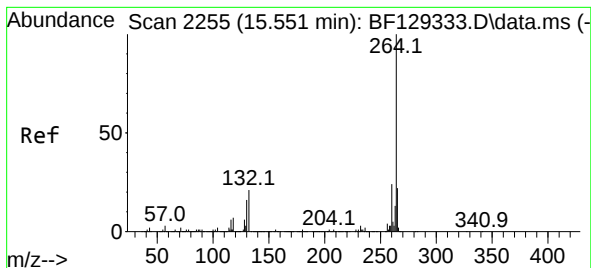
Delta R.T. 0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Tgt Ion:149 Resp: 53615
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 24.8 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

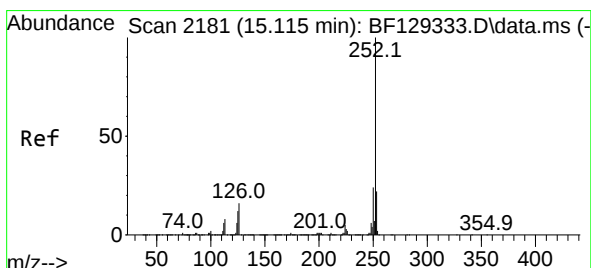
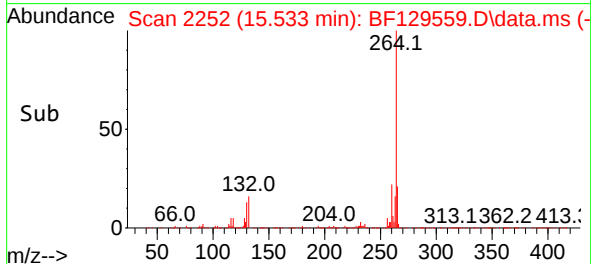
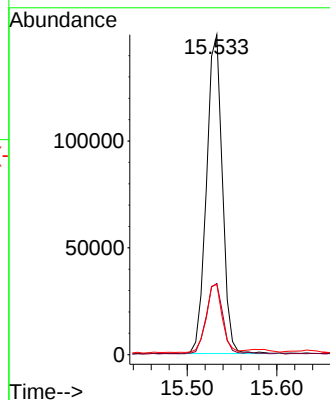
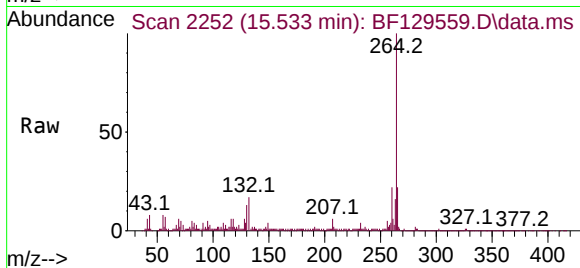
RVE-85

Tgt Ion:264 Resp: 183590
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 21.9 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/04/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#88

Benzo(b)fluoranthene

Concen: 3.856 ng m

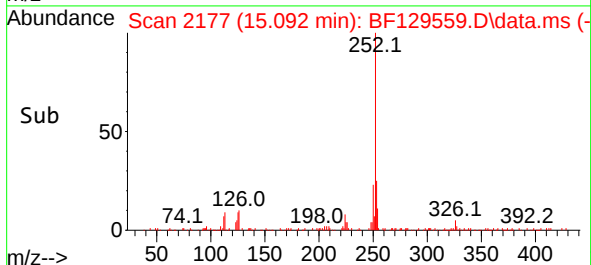
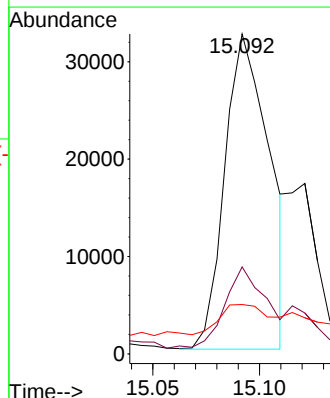
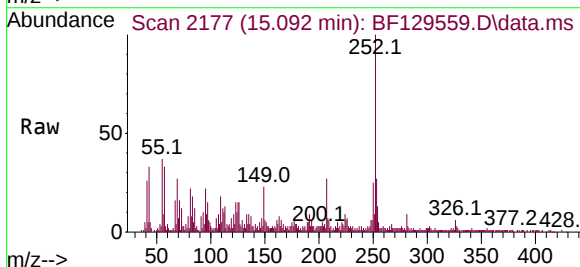
RT: 15.092 min Scan# 2177

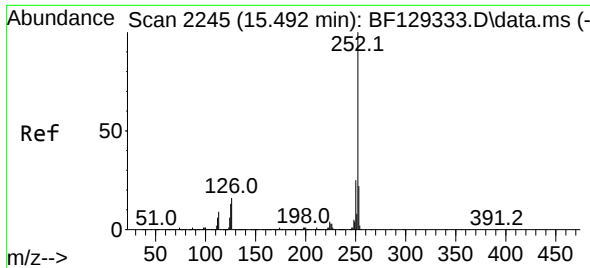
Delta R.T. -0.000 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

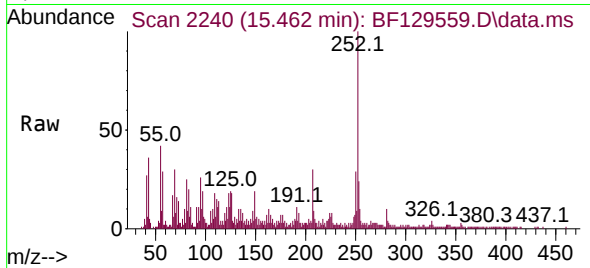
Tgt Ion:252 Resp: 46958
 Ion Ratio Lower Upper
 252 100
 253 27.2 17.7 26.5#
 125 15.4 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.662 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

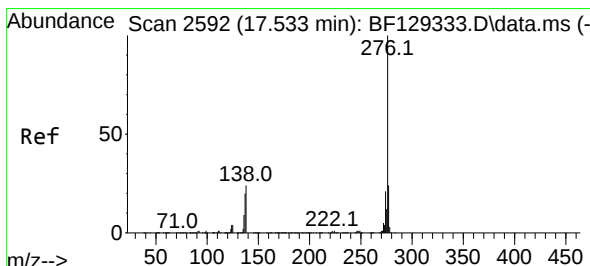
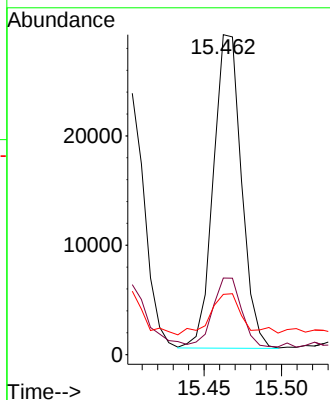
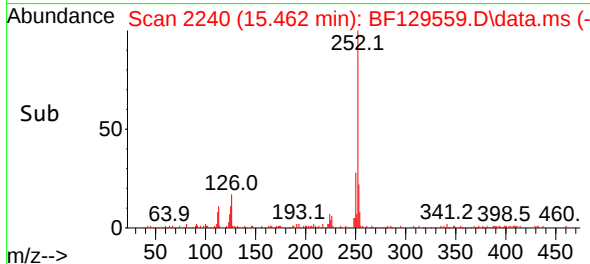
Instrument :
BNA_F
ClientSampleId :
RVE-85



Tgt Ion:252 Resp: 36202
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 18.8 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 2.528 ng
RT: 17.486 min Scan# 2584
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:276 Resp: 25997
Ion Ratio Lower Upper
276 100
277 28.0 19.1 28.7
138 23.5 18.0 27.0

