

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129558.D
 Acq On : 04 Aug 2022 00:54
 Operator : CG\JU
 Sample : N3930-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-97

Quant Time: Aug 04 02:21:51 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	105573	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336040	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	155785	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	301420	20.000	ng	0.00
76) Chrysene-d12	14.045	240	291834	20.000	ng	0.00
86) Perylene-d12	15.527	264	201199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	767086	118.362	ng	0.00
7) Phenol-d6	6.516	99	860537	105.639	ng	0.00
23) Nitrobenzene-d5	7.434	82	516909	83.970	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	200379	133.786	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	818145	81.242	ng	0.00
79) Terphenyl-d14	12.986	244	1141787	73.812	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	43306	2.632	ng	99
75) Fluoranthene	12.610	202	75114	4.506	ng	97
78) Pyrene	12.845	202	123477	5.060	ng	99
81) Benzo(a)anthracene	14.033	228	47836	2.400	ng	92
83) Chrysene	14.069	228	55789	2.969	ng	99
88) Benzo(b)fluoranthene	15.092	252	44509m	3.335	ng	
90) Benzo(a)pyrene	15.463	252	34914	3.223	ng	# 89
92) Benzo(g,h,i)perylene	17.486	276	23843	2.116	ng	# 92

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

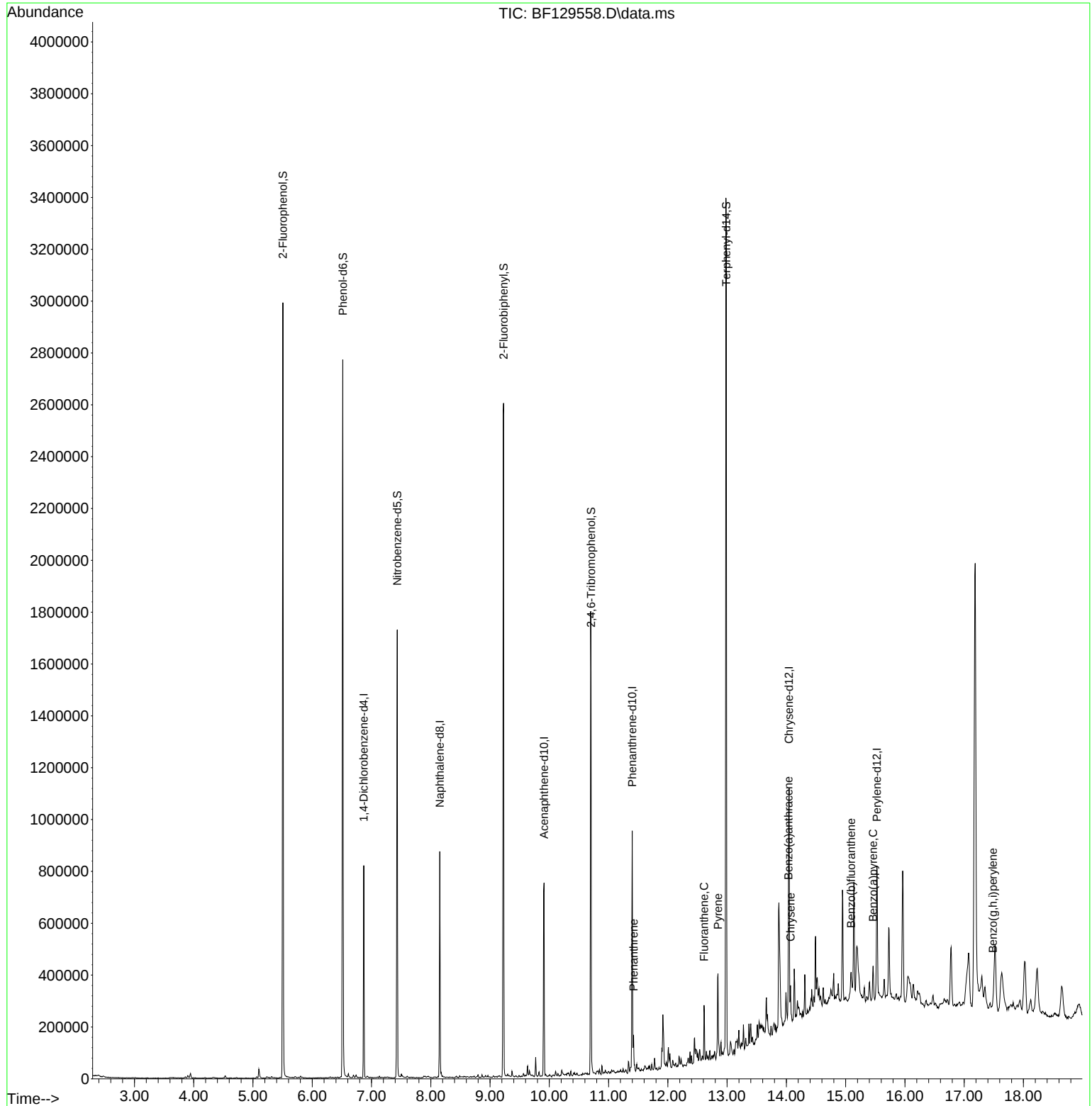
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129558.D
Acq On : 04 Aug 2022 00:54
Operator : CG\JU
Sample : N3930-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

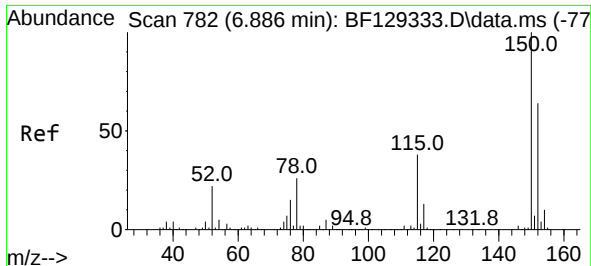
Instrument :
BNA_F
ClientSampleId :
RVE-97

Quant Time: Aug 04 02:21:51 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

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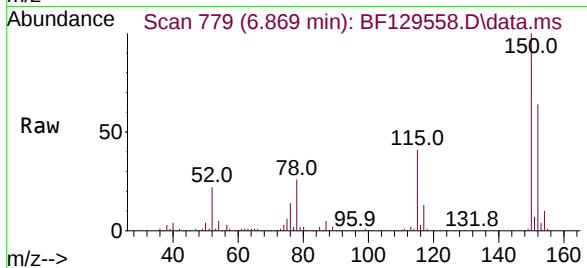
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

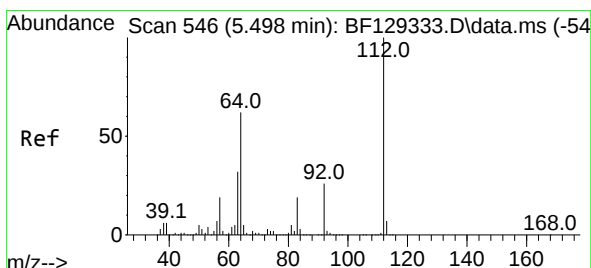
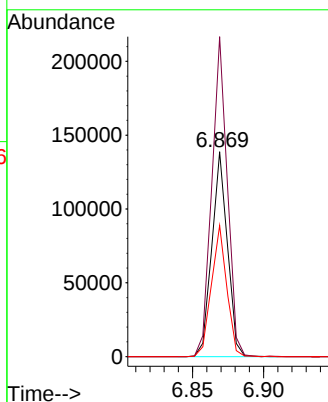
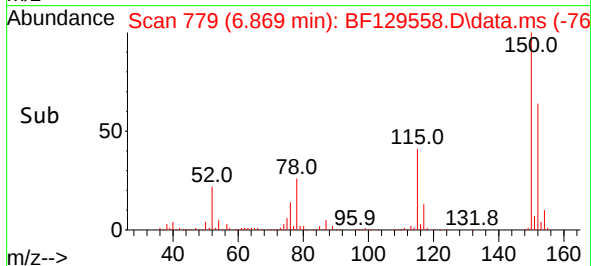
Instrument :
BNA_F
ClientSampleId :
RVE-97



Tgt Ion:152 Resp: 105573
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 64.0 49.9 74.9

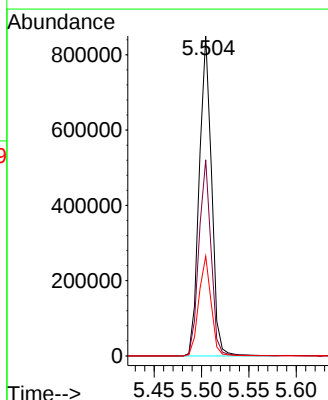
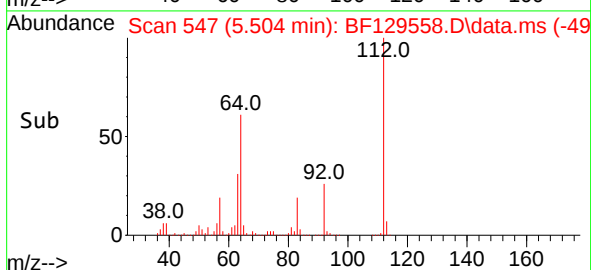
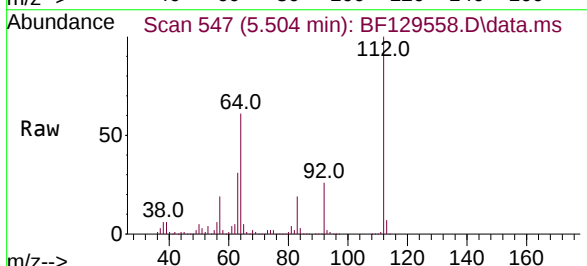
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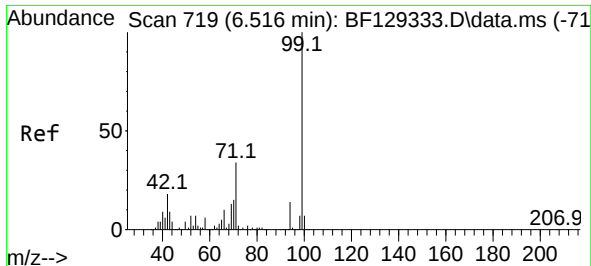
Reviewed By :Christian Giraldo 08/04/2022
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#5
2-Fluorophenol
Concen: 118.362 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

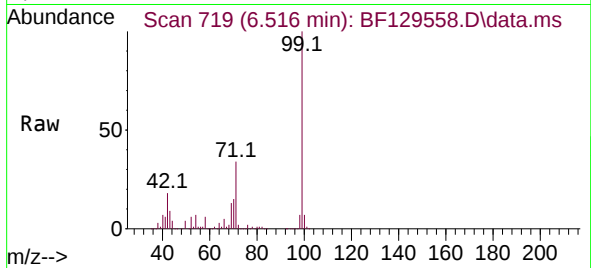
Tgt Ion:112 Resp: 767086
Ion Ratio Lower Upper
112 100
64 61.3 53.3 79.9
63 31.2 28.0 42.0





#7
Phenol-d6
Concen: 105.639 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

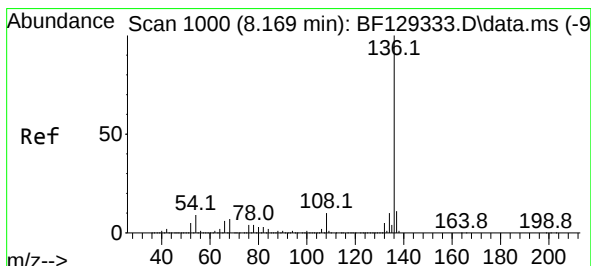
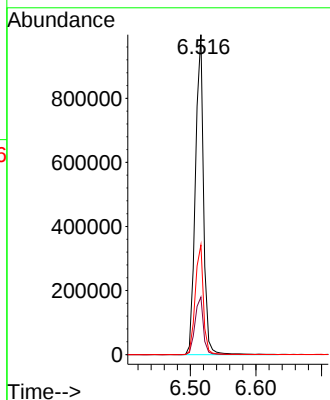
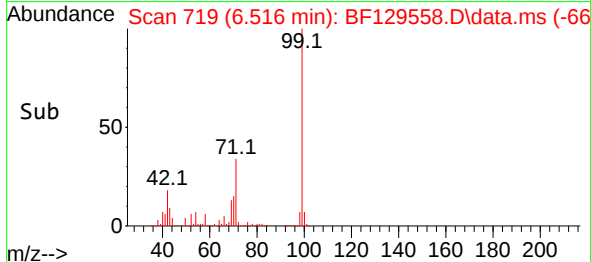
Instrument :
BNA_F
ClientSampleId :
RVE-97



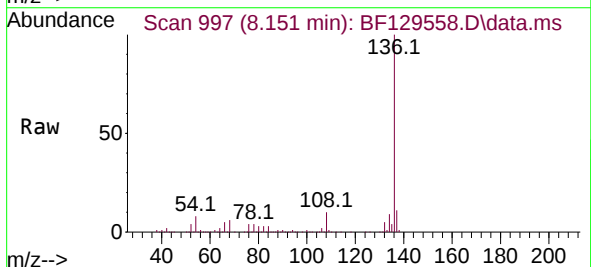
Tgt Ion: 99 Resp: 860532
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 34.3 28.9 43.3

Manual Integrations
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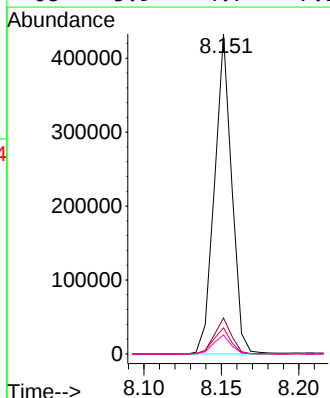
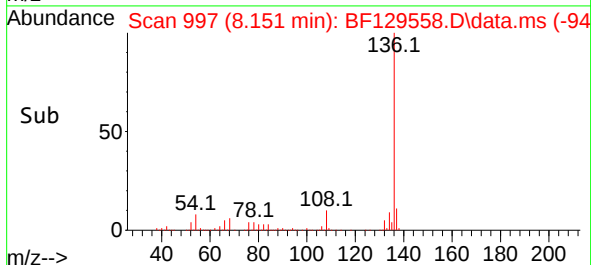
Reviewed By :Christian Giraldo 08/04/2022
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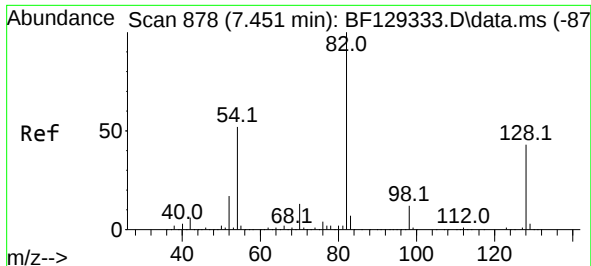


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54



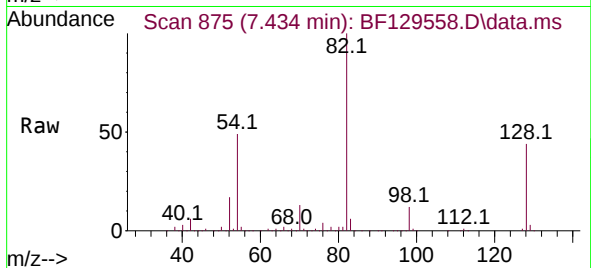
Tgt Ion:136 Resp: 336040
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 83.970 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

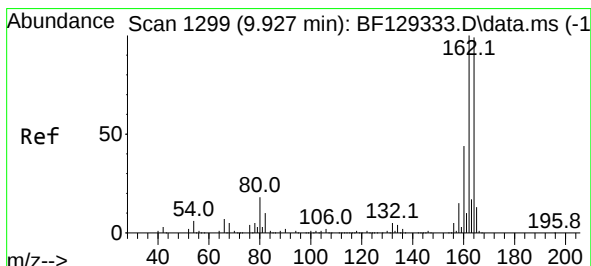
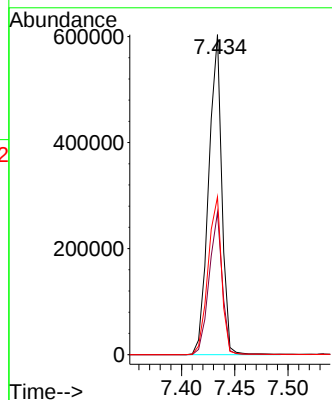
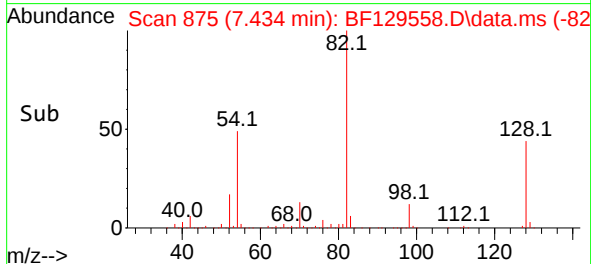
Instrument :
BNA_F
ClientSampleId :
RVE-97



Tgt Ion: 82 Resp: 516909
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 49.3 46.9 70.3

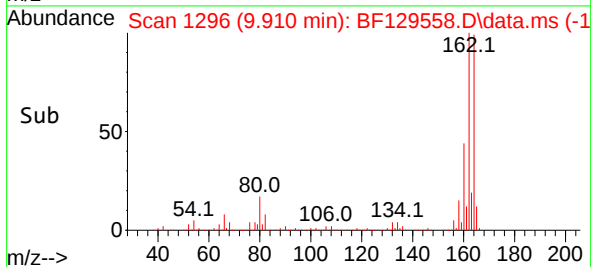
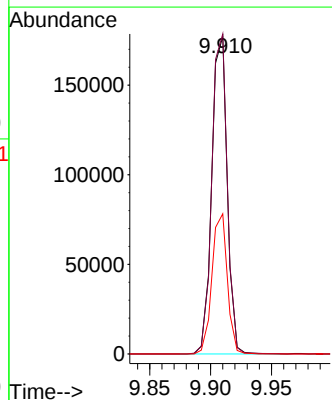
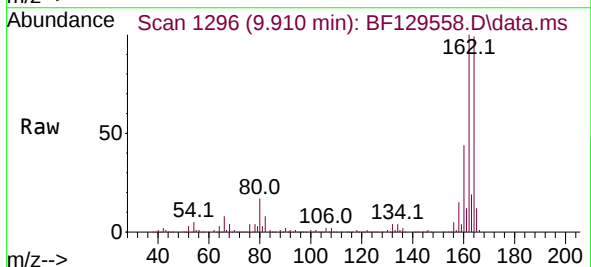
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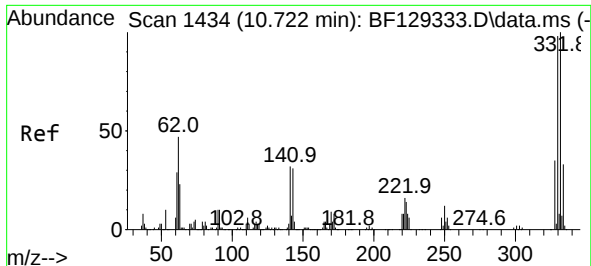
Reviewed By :Christian Giraldo 08/04/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

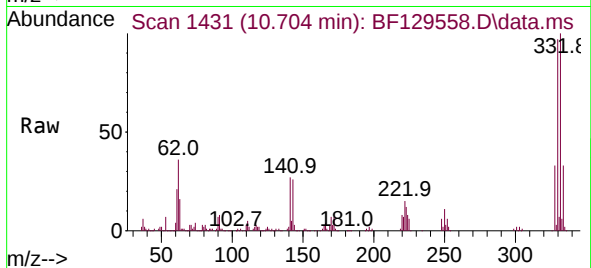
Tgt Ion:164 Resp: 155785
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 133.786 ng
RT: 10.704 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

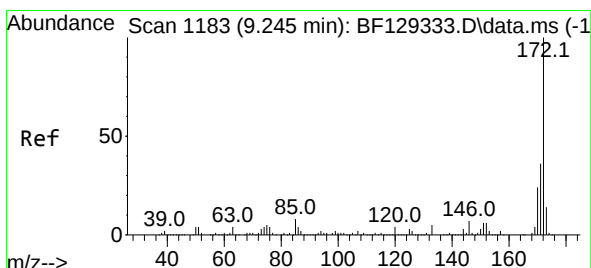
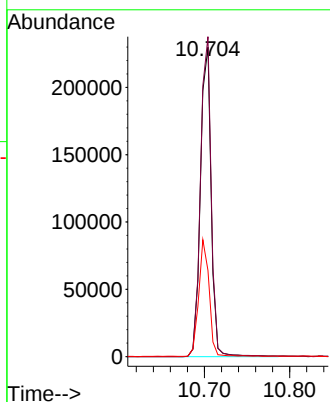
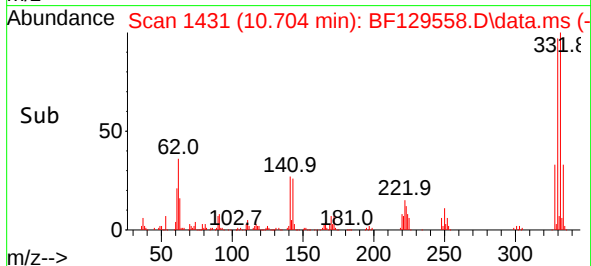
Instrument :
BNA_F
ClientSampleId :
RVE-97



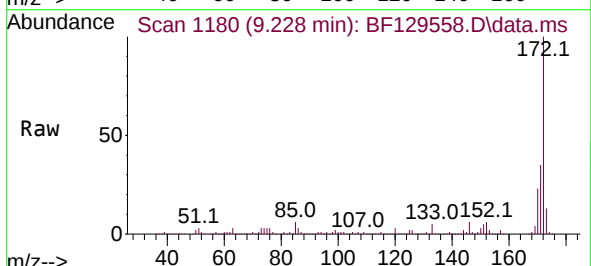
Tgt Ion: 330 Resp: 200379
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 36.7 28.0 42.0

Manual Integrations
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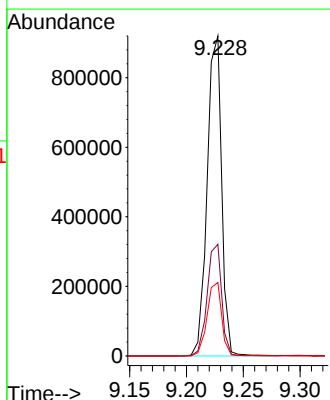
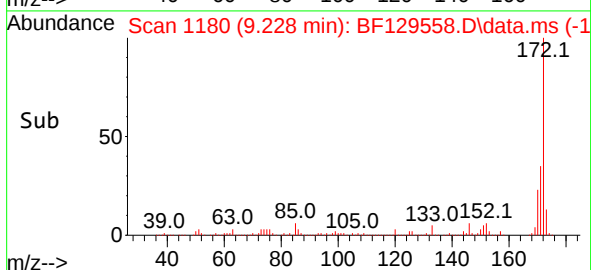
Reviewed By : Christian Giraldo 08/04/2022
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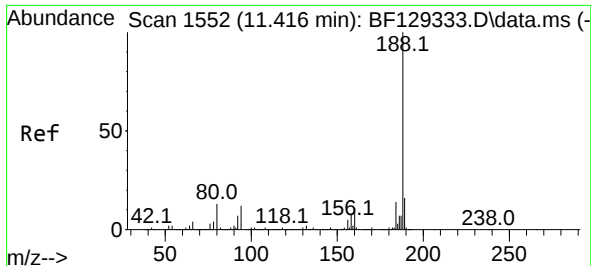


#45
2-Fluorobiphenyl
Concen: 81.242 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54



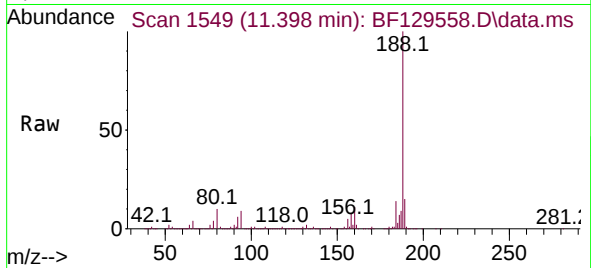
Tgt Ion: 172 Resp: 818145
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

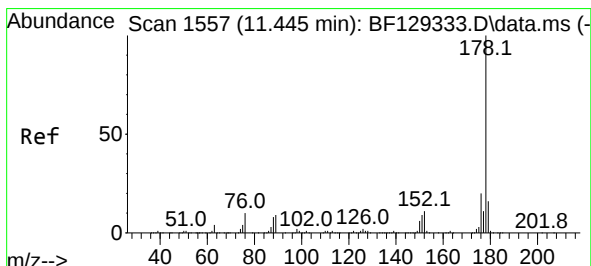
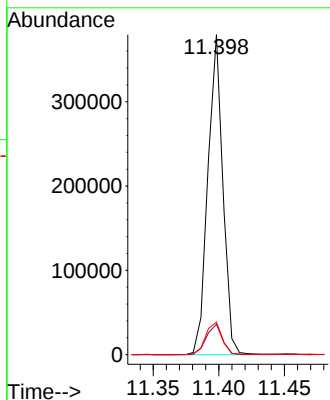
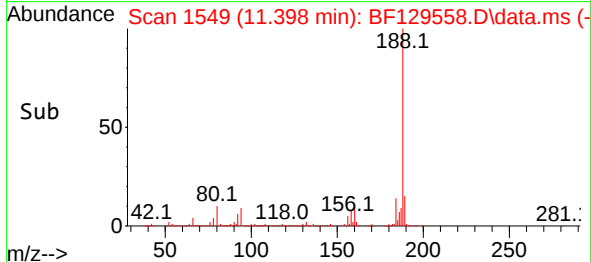
Instrument :
BNA_F
ClientSampleId :
RVE-97



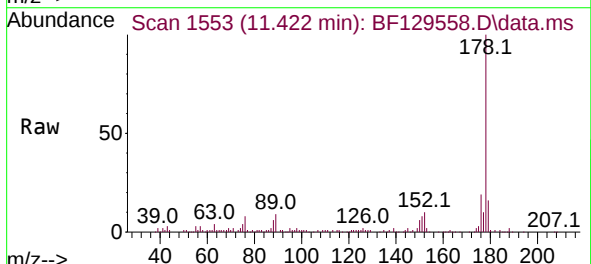
Tgt Ion:188 Resp: 301420
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.6 11.4

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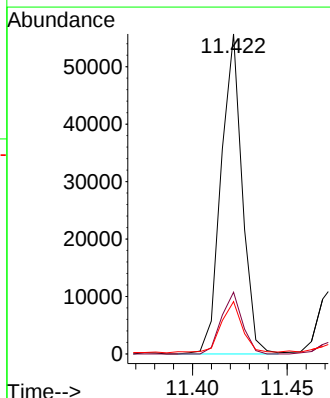
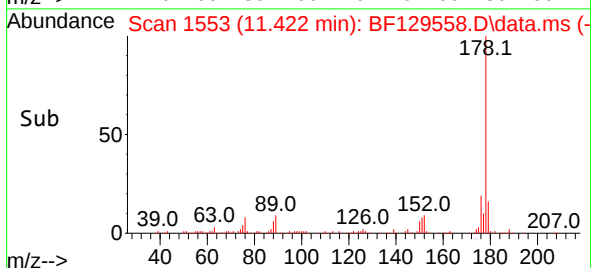
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

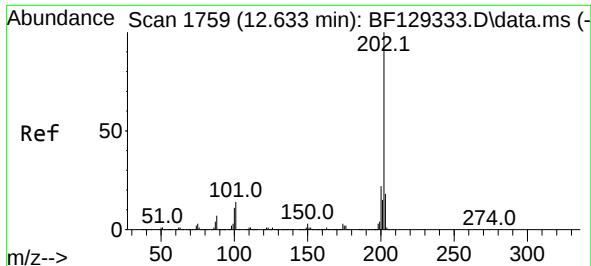


#71
Phenanthrene
Concen: 2.632 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54



Tgt Ion:178 Resp: 43306
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.3 12.6 19.0





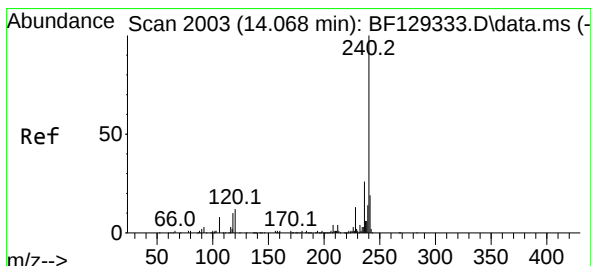
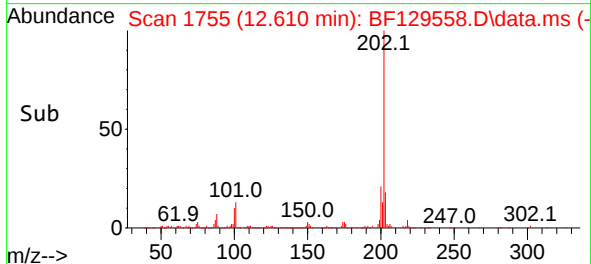
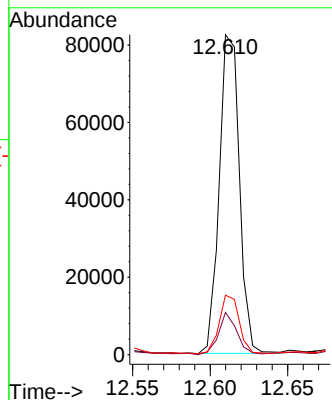
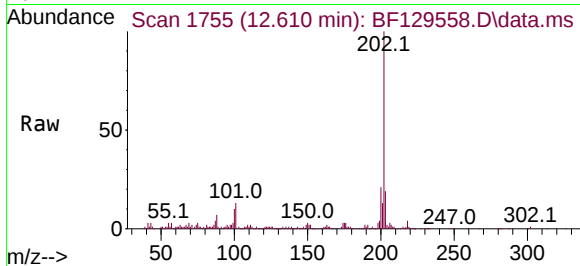
#75
Fluoranthene
Concen: 4.506 ng
RT: 12.610 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Instrument :
BNA_F
ClientSampleId :
RVE-97

Tgt Ion:202 Resp: 75114
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.6 0.0 38.0

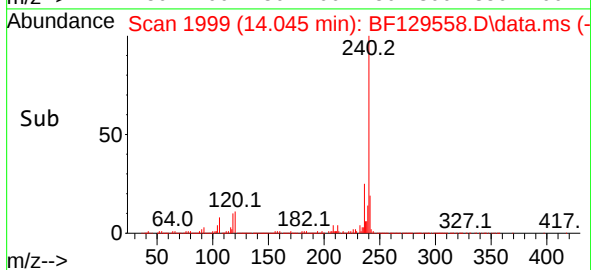
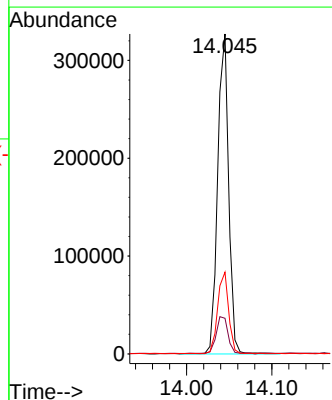
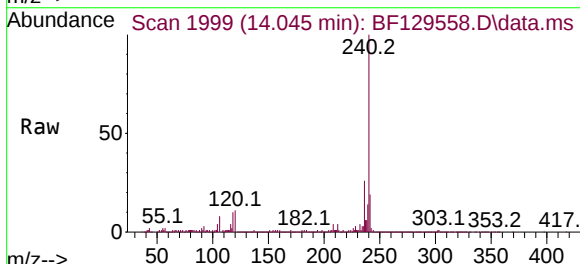
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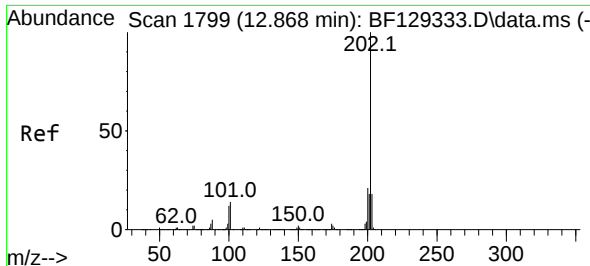
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

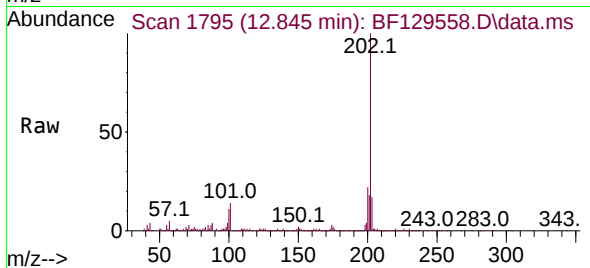
Tgt Ion:240 Resp: 291834
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 20.8 31.2





#78
Pyrene
Concen: 5.060 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

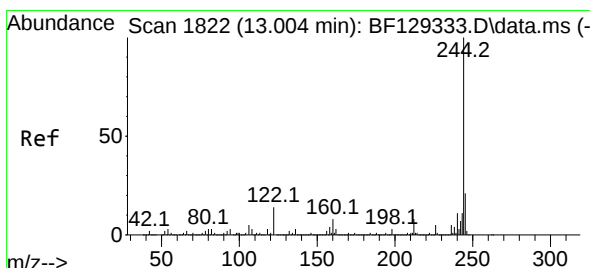
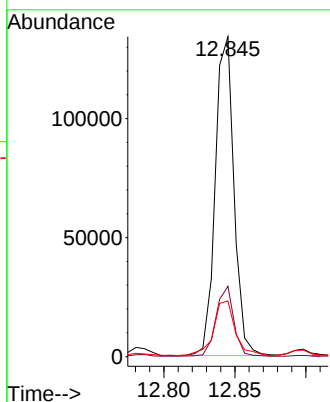
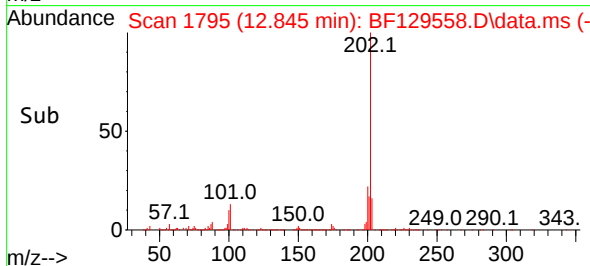
Instrument :
BNA_F
ClientSampleId :
RVE-97



Tgt Ion:202 Resp: 12347
Ion Ratio Lower Upper
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203 17.4 14.6 21.8

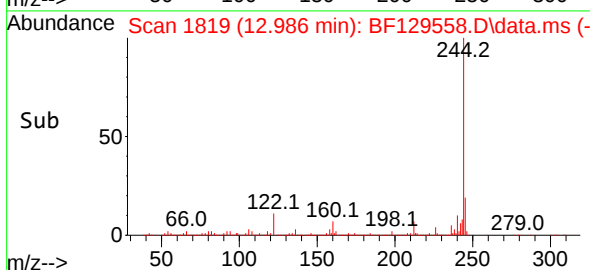
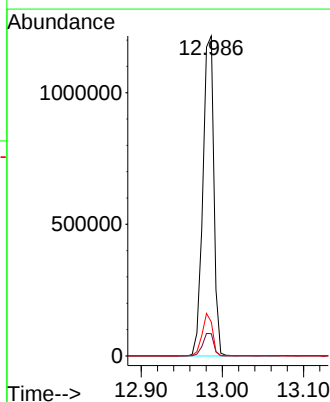
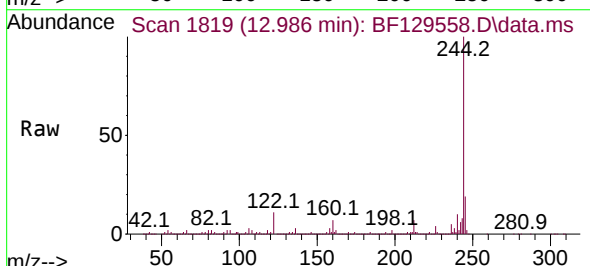
Manual Integrations
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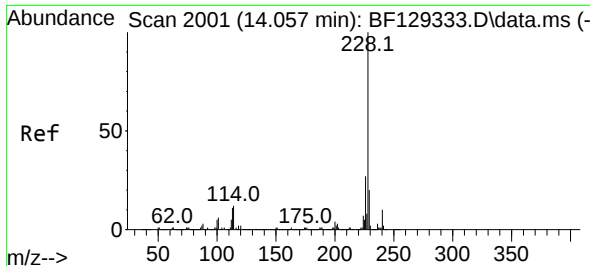
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#79
Terphenyl-d14
Concen: 73.812 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion:244 Resp: 1141787
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.6 8.8 13.2





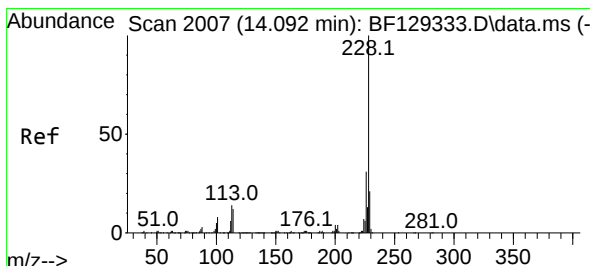
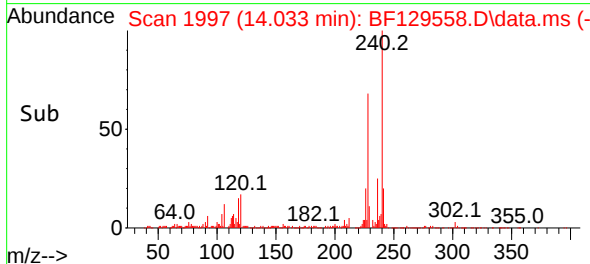
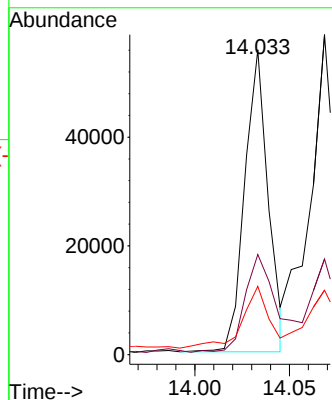
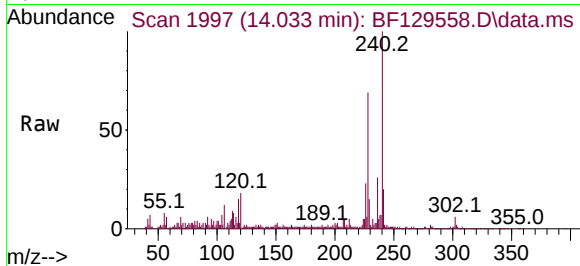
#81
Benzo(a)anthracene
Concen: 2.400 ng
RT: 14.033 min Scan# 19
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Instrument :
BNA_F
ClientSampleId :
RVE-97

Tgt Ion:228 Resp: 47836
Ion Ratio Lower Upper
228 100
226 32.8 22.1 33.1
229 22.4 15.8 23.8

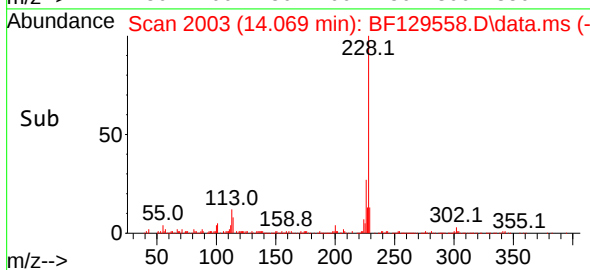
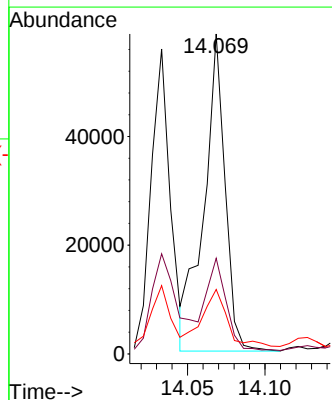
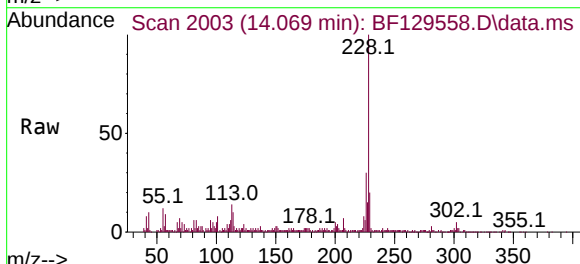
Manual Integrations
APPROVED

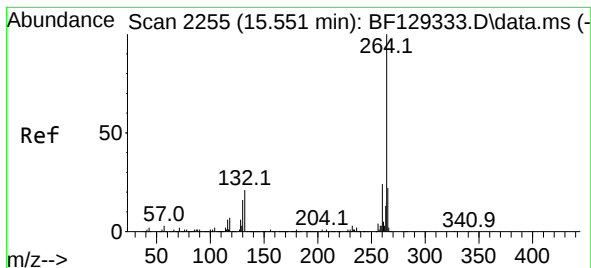
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#83
Chrysene
Concen: 2.969 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

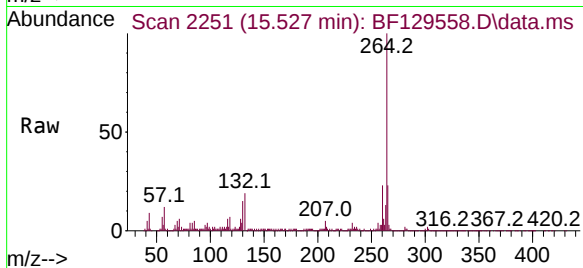
Tgt Ion:228 Resp: 55789
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 20.1 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

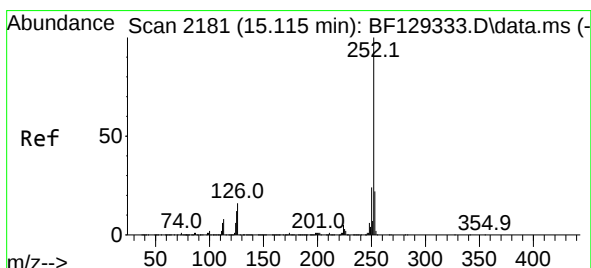
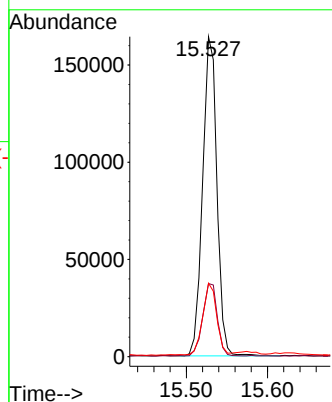
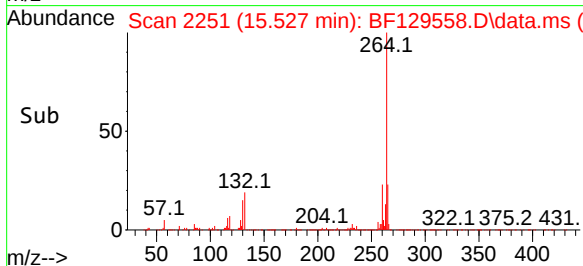
Instrument :
BNA_F
ClientSampleId :
RVE-97



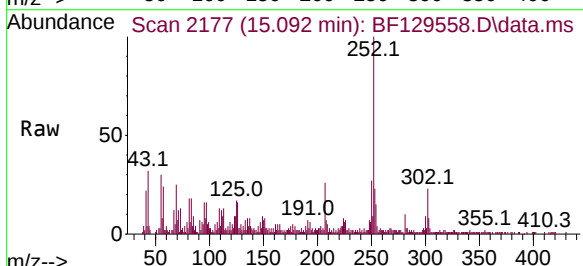
Tgt Ion:264 Resp: 201199
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 22.9 17.2 25.8

Manual Integrations
APPROVED

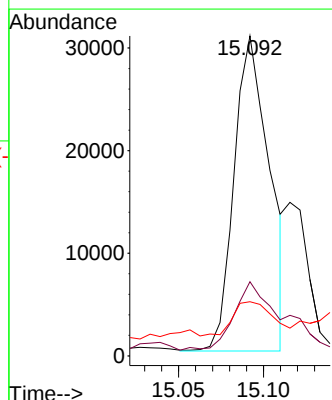
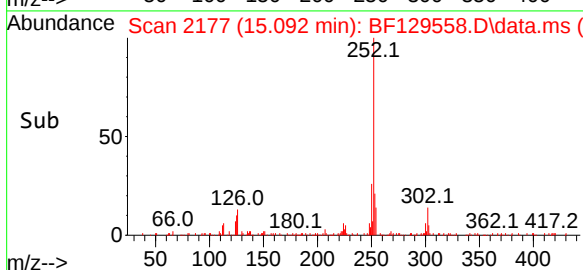
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

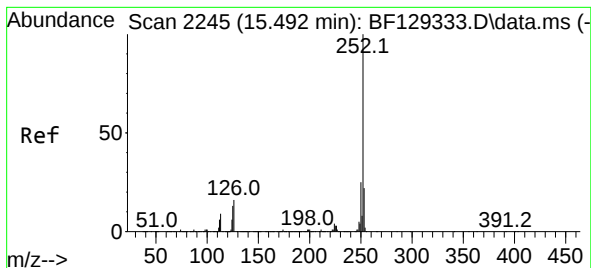


#88
Benzo(b)fluoranthene
Concen: 3.335 ng m
RT: 15.092 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54



Tgt Ion:252 Resp: 44509
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 16.9 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 3.223 ng

RT: 15.463 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Instrument :

BNA_F

ClientSampleId :

RVE-97

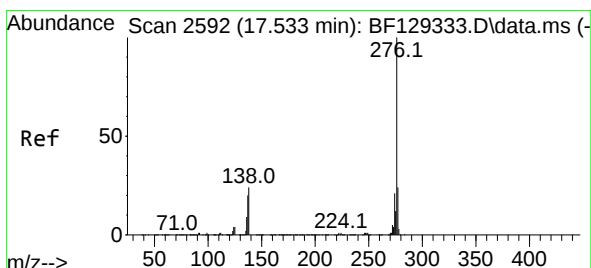
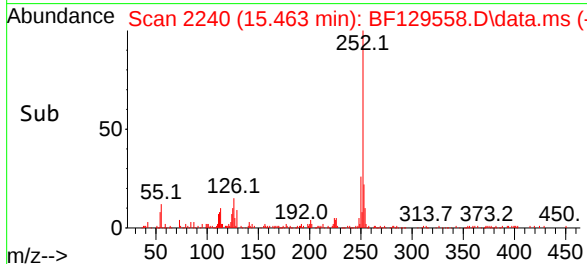
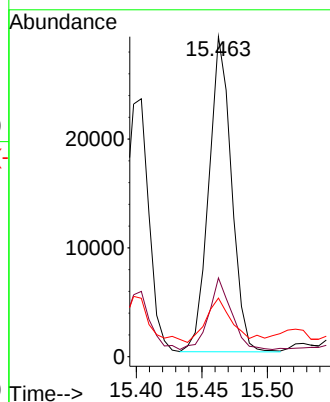
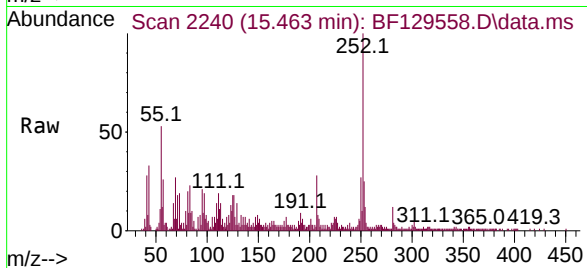
Tgt Ion:	252	Resp:	34914
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.0	25.6
125	18.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#92

Benzo(g,h,i)perylene

Concen: 2.116 ng

RT: 17.486 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Tgt Ion:	276	Resp:	23843
Ion Ratio	Lower	Upper	
276	100		
277	27.0	19.1	28.7
138	27.2	18.0	27.0

