

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129494.D
 Acq On : 02 Aug 2022 02:14
 Operator : CG\JU
 Sample : N3894-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-39

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 03:57:44 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	6.875	152	146557	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	503307	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	230912	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	406389	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	281522	20.000	ng	0.00
86) Perylene-d12	15.539	264	213229	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	903073	100.378	ng	0.01
7) Phenol-d6	6.522	99	1076638	95.207	ng	0.00
23) Nitrobenzene-d5	7.439	82	656880	71.245	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230066	103.631	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1069303	71.636	ng	0.00
79) Terphenyl-d14	12.992	244	1181662	79.187	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.775	152	56575	2.733	ng	99
71) Phenanthrene	11.427	178	103381	4.660	ng	99
75) Fluoranthene	12.621	202	174949	7.783	ng	98
78) Pyrene	12.851	202	294824	12.524	ng	98
81) Benzo(a)anthracene	14.039	228	104486	5.433	ng	91
83) Chrysene	14.074	228	119032	6.568	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	32235	2.398	ng	# 98
88) Benzo(b)fluoranthene	15.098	252	89045m	6.296	ng	
90) Benzo(a)pyrene	15.474	252	68856	5.997	ng	# 90
92) Benzo(g,h,i)perylene	17.509	276	48384	4.052	ng	93

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

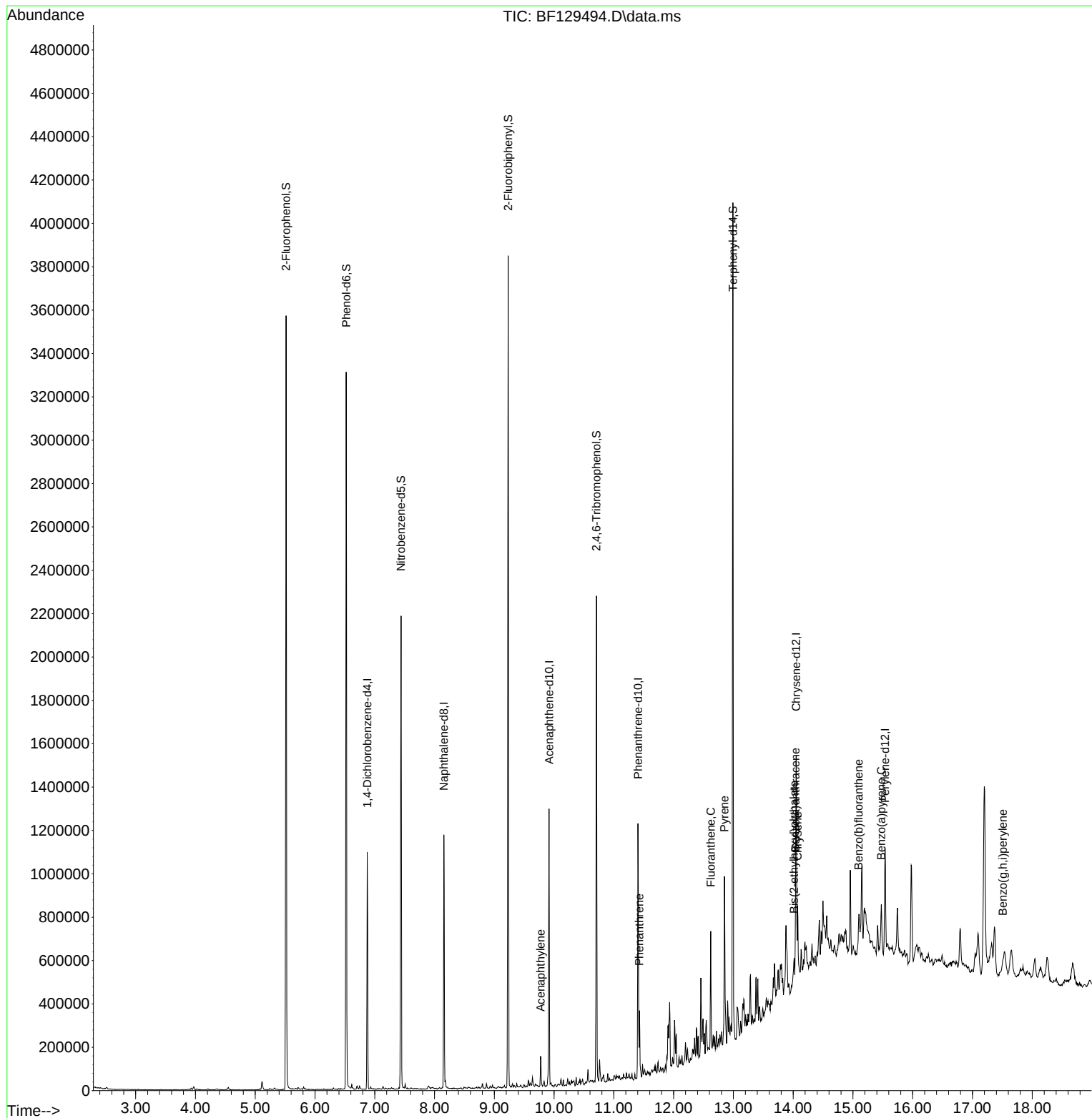
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129494.D
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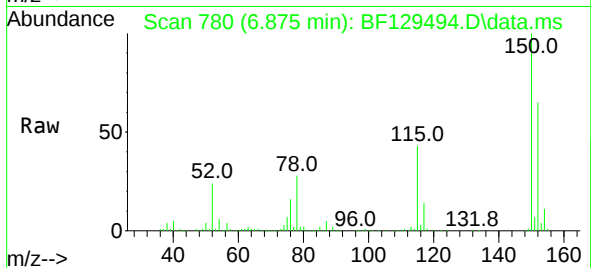
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

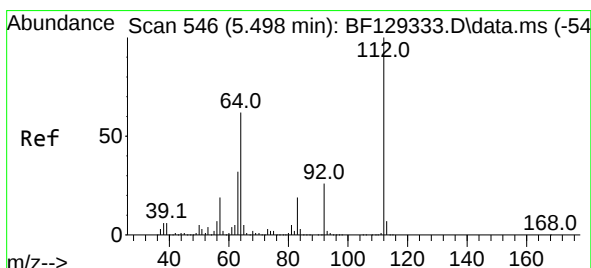
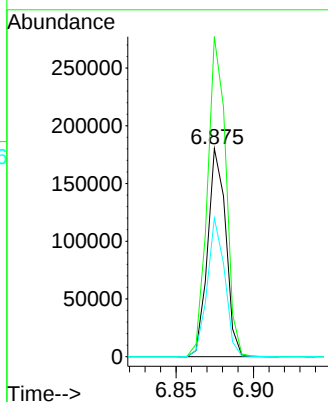
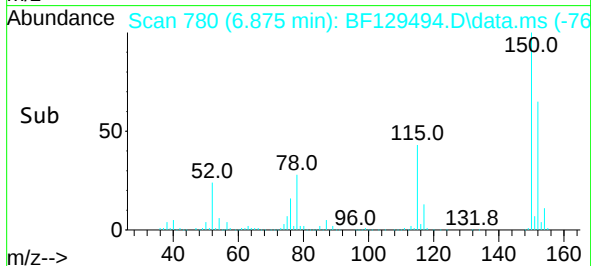
Instrument :
BNA_F
ClientSampleId :
RVE-39



Tgt Ion:152 Resp: 14655
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 66.6 49.9 74.9

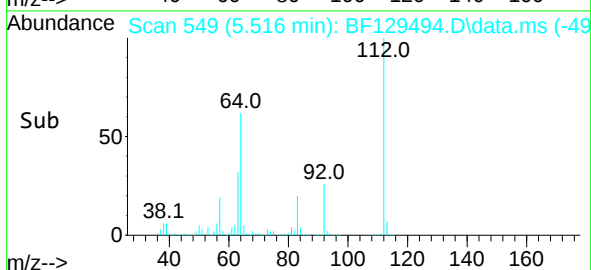
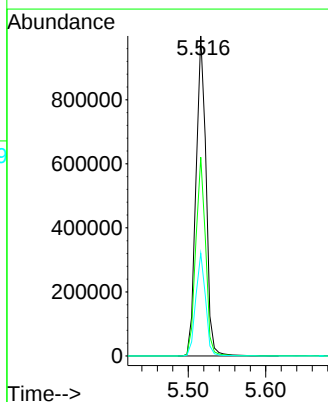
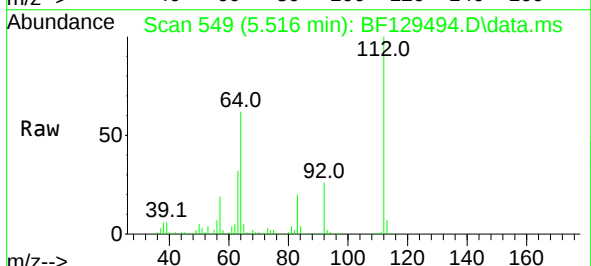
Manual Integrations
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#5
2-Fluorophenol
Concen: 100.378 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

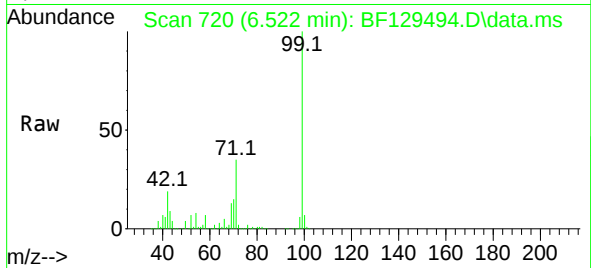
Tgt Ion:112 Resp: 903073
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.1 28.0 42.0





#7
Phenol-d6
Concen: 95.207 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

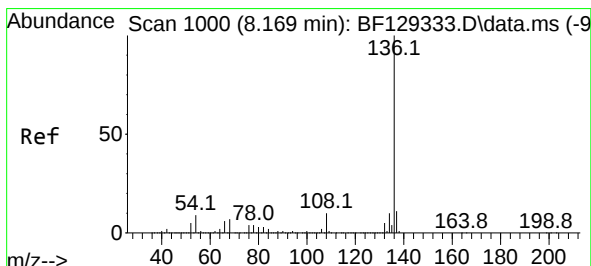
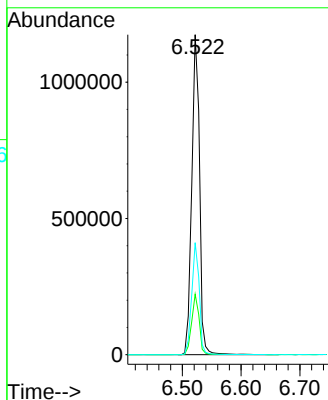
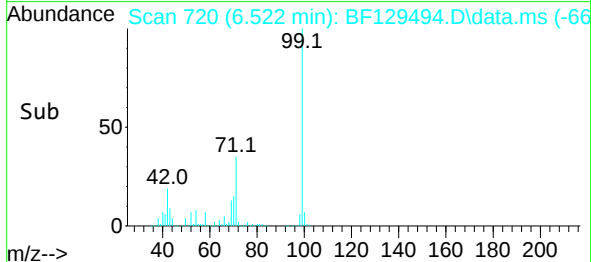
Instrument :
BNA_F
ClientSampleId :
RVE-39



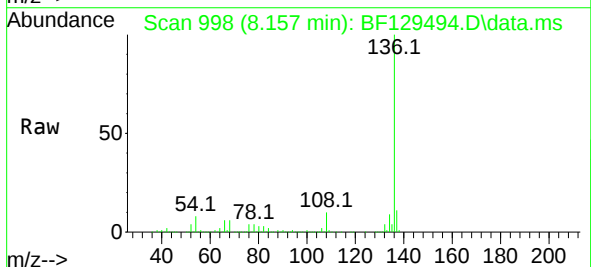
Tgt Ion: 99 Resp: 1076638
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.0 28.9 43.3

Manual Integrations
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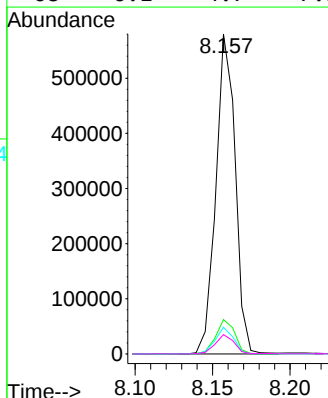
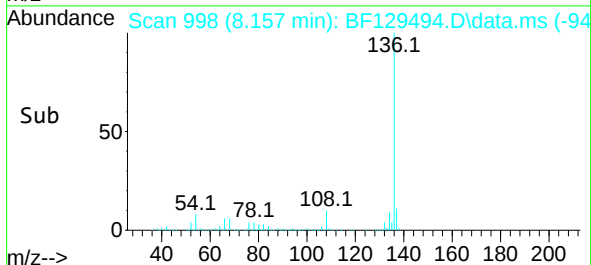
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14



Tgt Ion:136 Resp: 503307
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.4 7.5 11.3
68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 71.245 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

Tgt Ion: 82 Resp: 656880

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

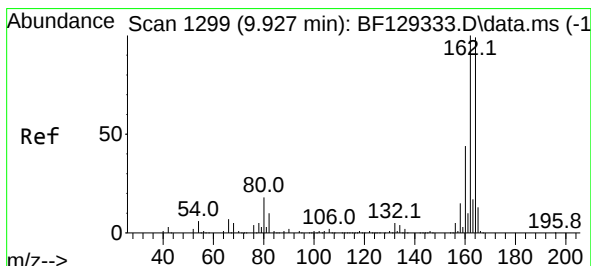
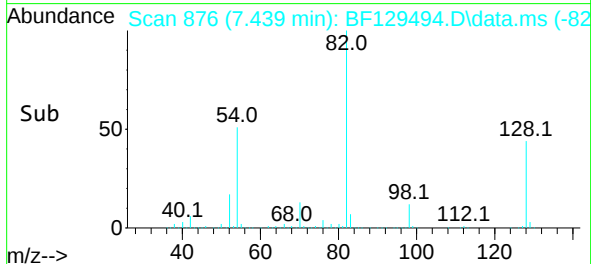
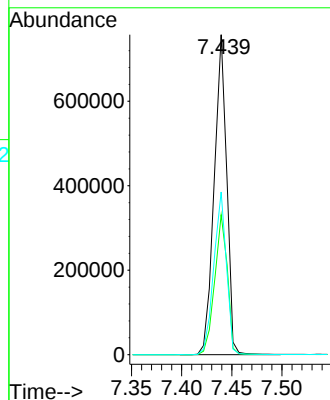
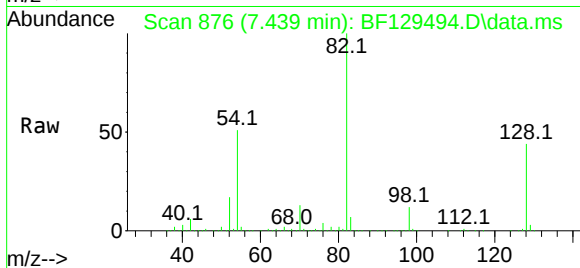
54 50.9 46.9 70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

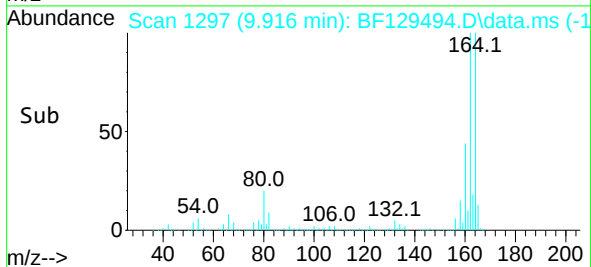
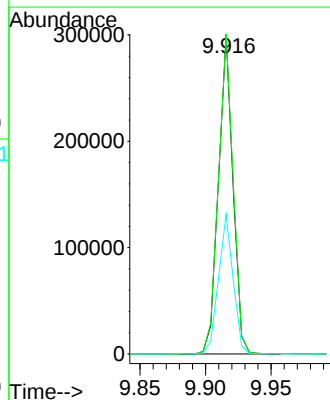
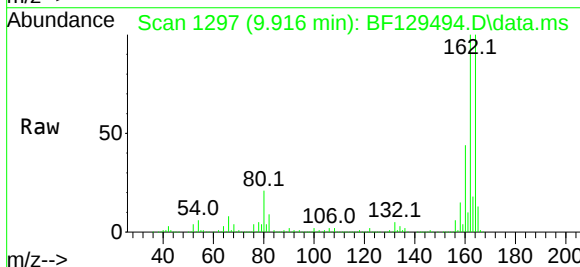
Tgt Ion:164 Resp: 230912

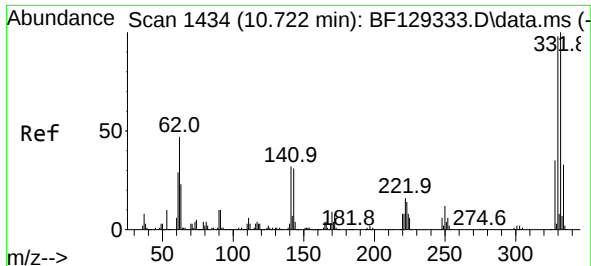
Ion Ratio Lower Upper

164 100

162 100.2 79.5 119.3

160 43.8 34.2 51.4





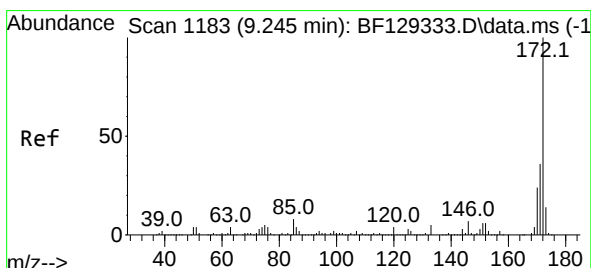
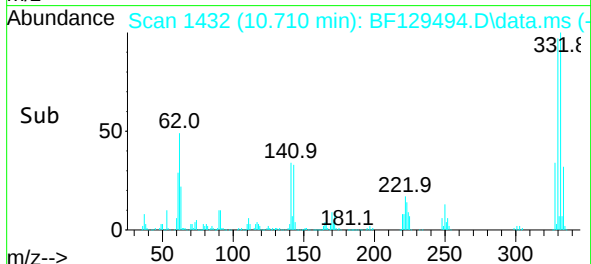
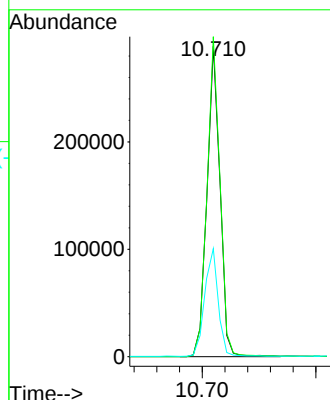
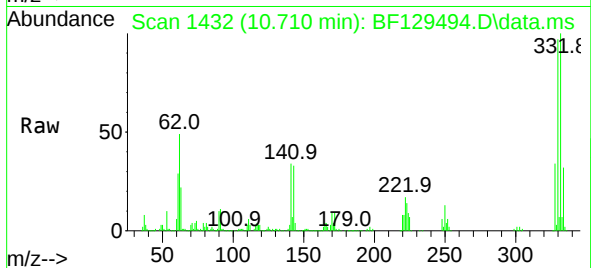
#42
2,4,6-Tribromophenol
Concen: 103.631 ng
RT: 10.710 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Instrument :
BNA_F
ClientSampleId :
RVE-39

Tgt Ion:330 Resp: 230060
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 36.0 28.0 42.0

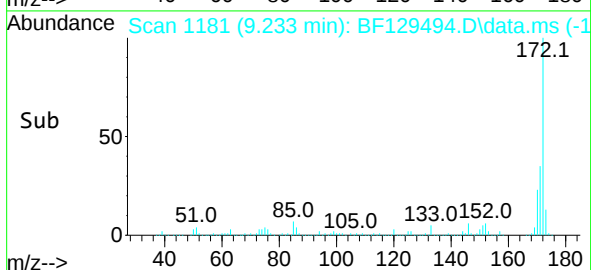
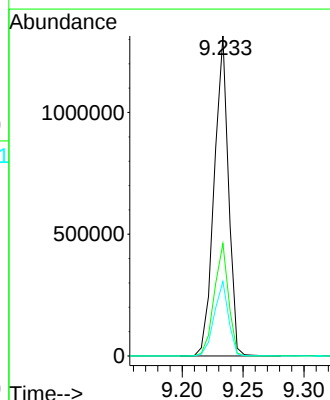
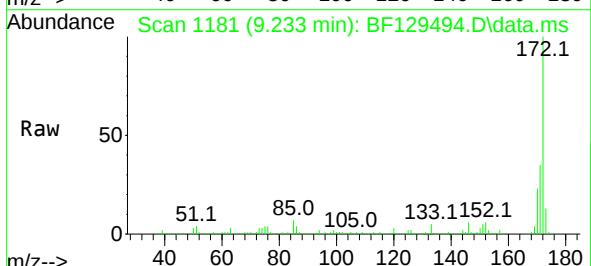
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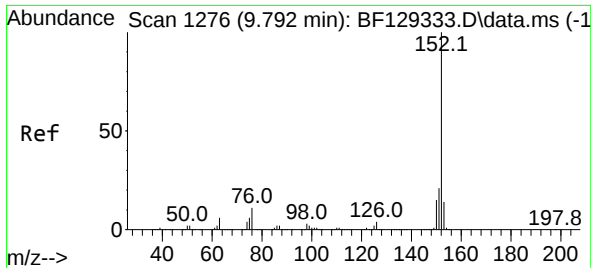
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#45
2-Fluorobiphenyl
Concen: 71.636 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

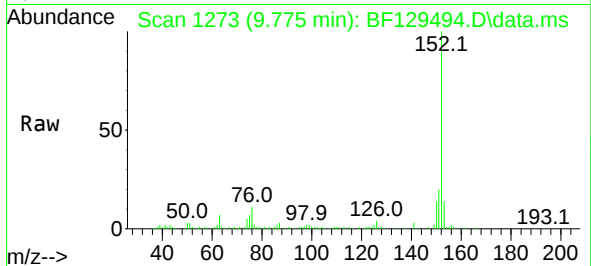
Tgt Ion:172 Resp: 1069303
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.3 19.8 29.8





#49
Acenaphthylene
Concen: 2.733 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

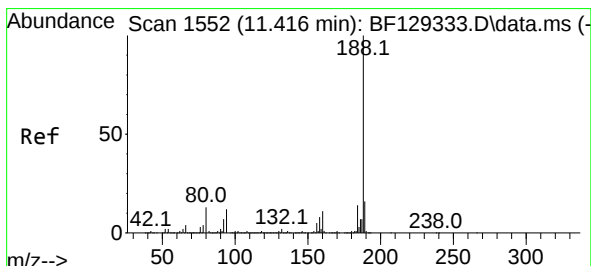
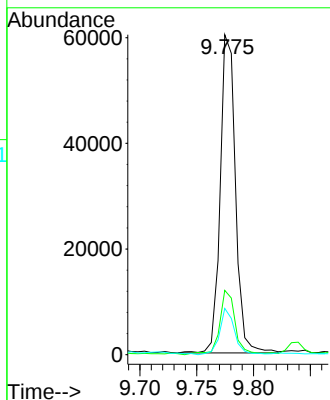
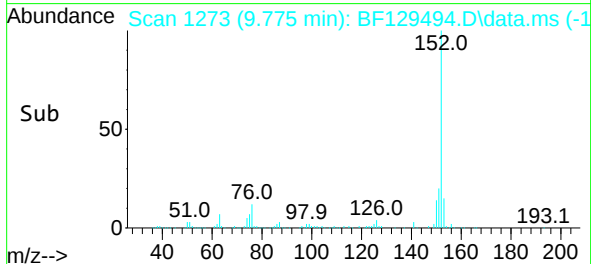
Instrument :
BNA_F
ClientSampleId :
RVE-39



Tgt Ion:152 Resp: 5657
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.5 10.7 16.1

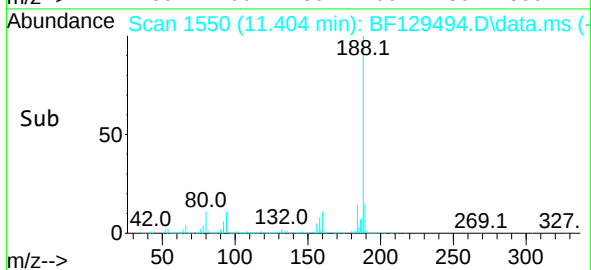
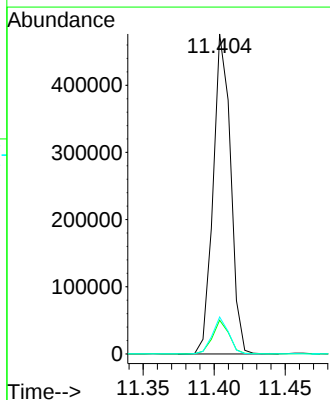
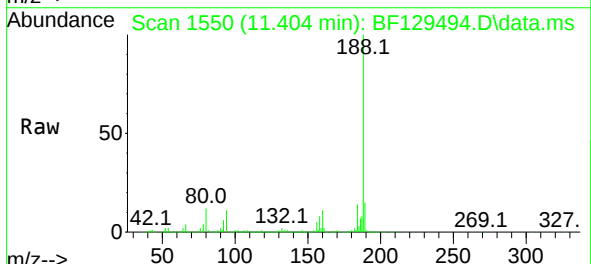
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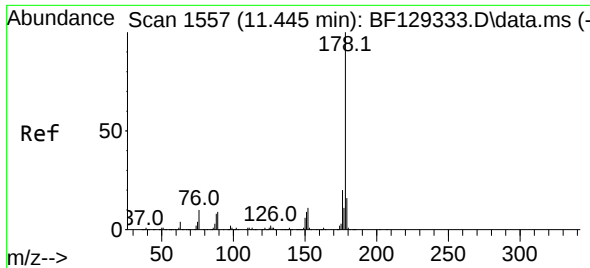
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

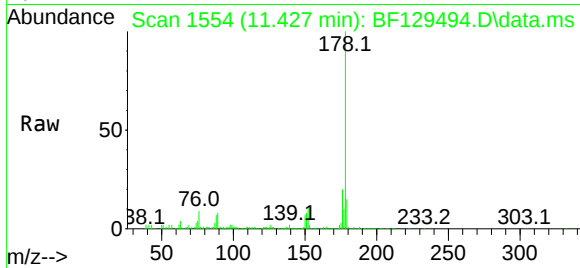
Tgt Ion:188 Resp: 406389
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.6 7.6 11.4





#71
Phenanthrene
Concen: 4.660 ng
RT: 11.427 min Scan# 11554
Delta R.T. -0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

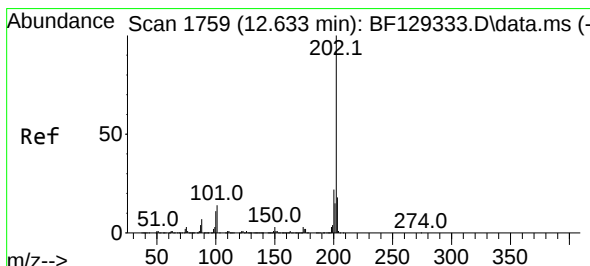
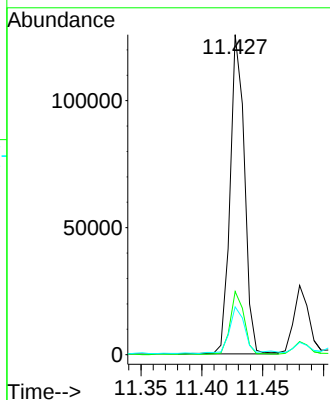
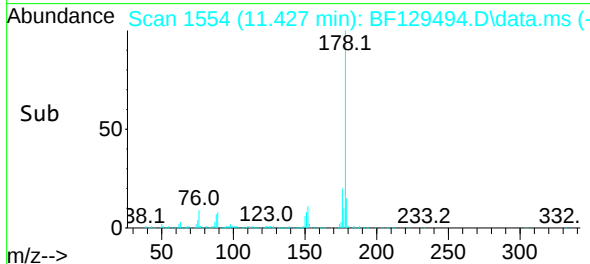
Instrument :
BNA_F
ClientSampleId :
RVE-39



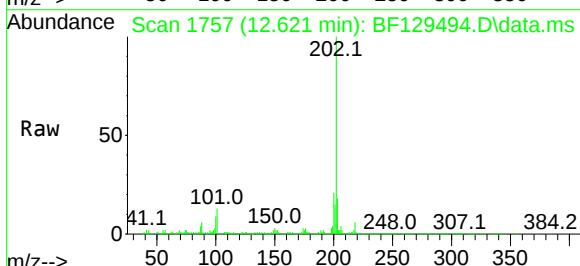
Tgt Ion:178 Resp: 10338
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.0 12.6 19.0

Manual Integrations
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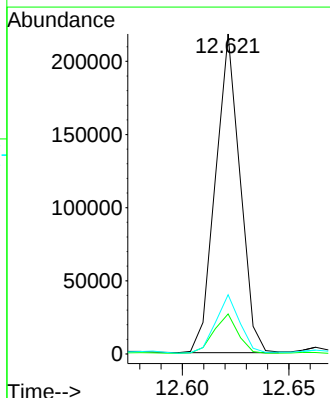
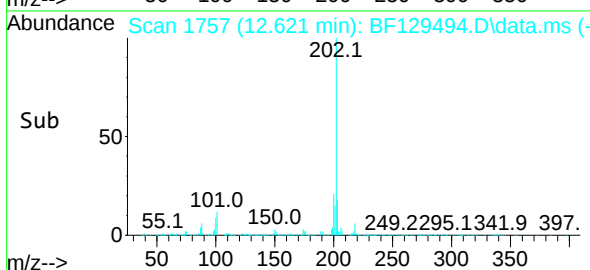
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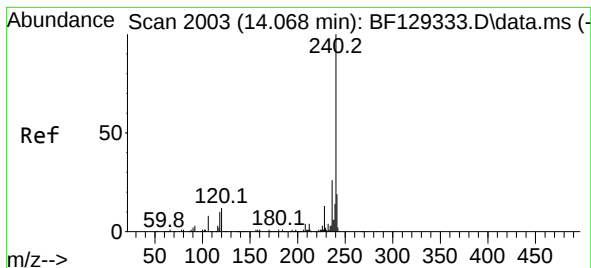


#75
Fluoranthene
Concen: 7.783 ng
RT: 12.621 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14



Tgt Ion:202 Resp: 174949
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 18.5 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

Tgt Ion:240 Resp: 28152

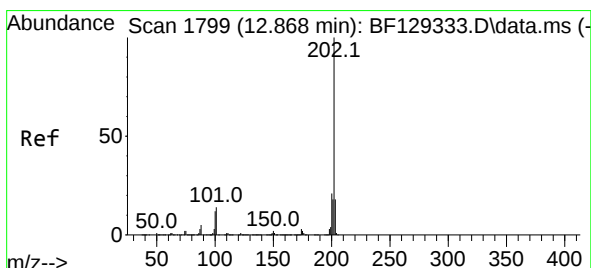
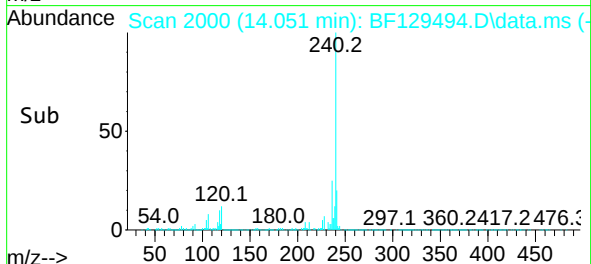
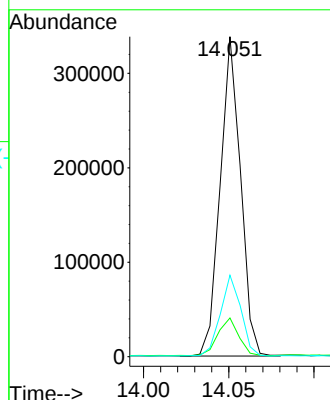
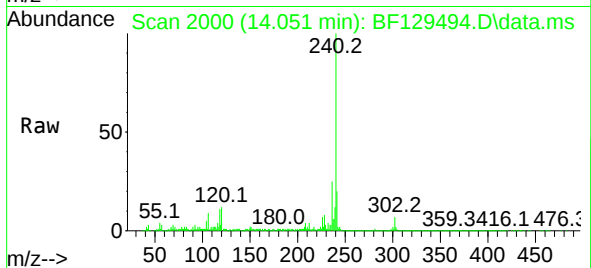
Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	25.4	20.8	31.2

Manual Integrations

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#78

Pyrene

Concen: 12.524 ng

RT: 12.851 min Scan# 1796

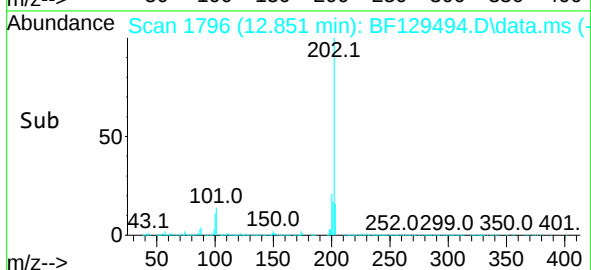
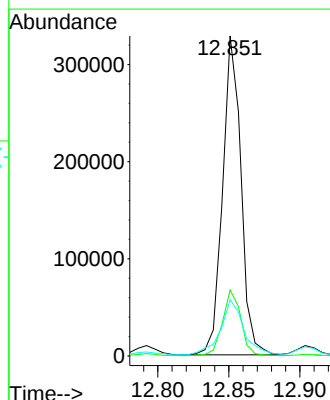
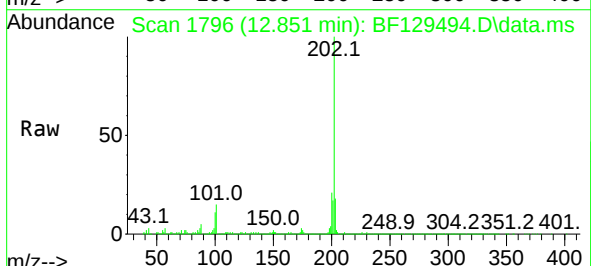
Delta R.T. -0.000 min

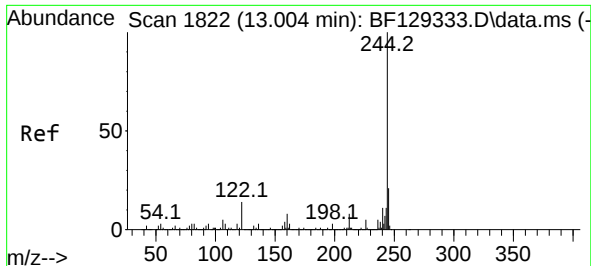
Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Tgt Ion:202 Resp: 294824

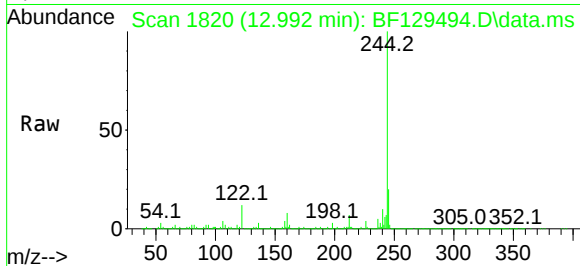
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.5	14.6	21.8





#79
Terphenyl-d14
Concen: 79.187 ng
RT: 12.992 min Scan# 118166
Delta R.T. 0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

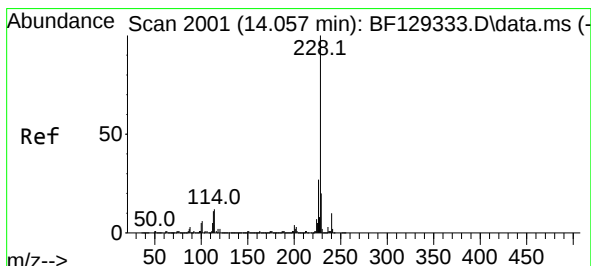
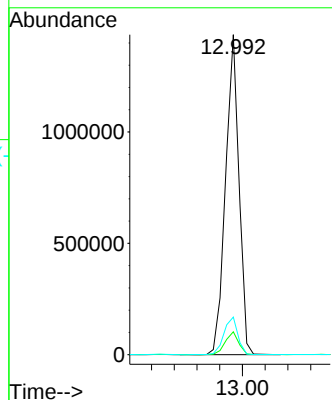
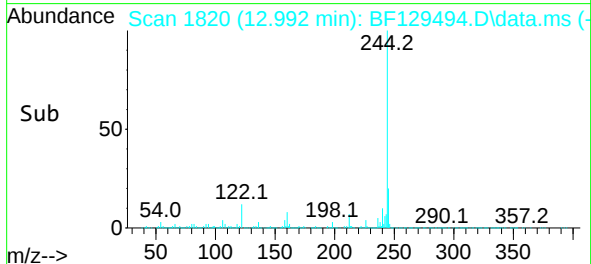
Instrument :
BNA_F
ClientSampleId :
RVE-39



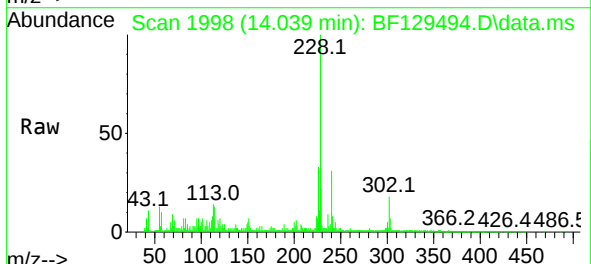
Tgt Ion:244 Resp: 118166
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.8 8.8 13.2

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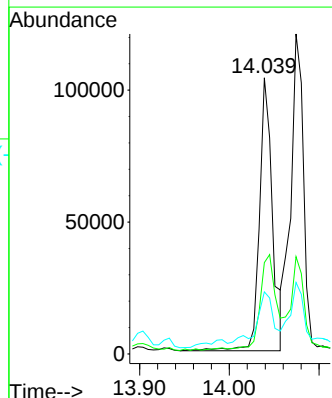
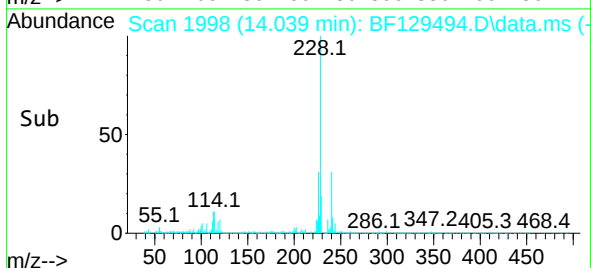
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

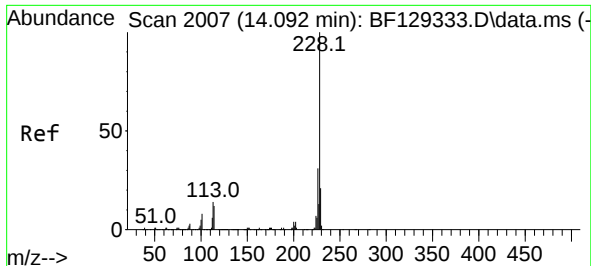


#81
Benzo(a)anthracene
Concen: 5.433 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14



Tgt Ion:228 Resp: 104486
Ion Ratio Lower Upper
228 100
226 33.1 22.1 33.1
229 22.5 15.8 23.8





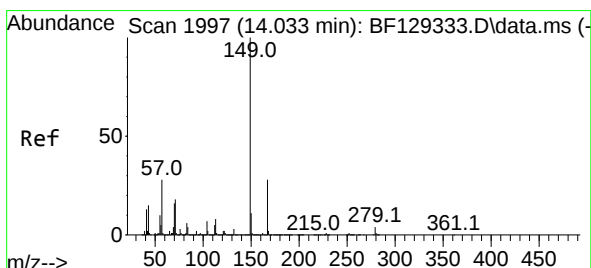
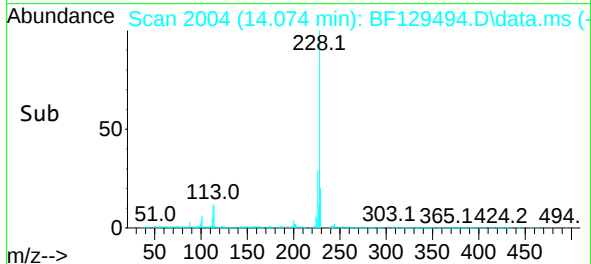
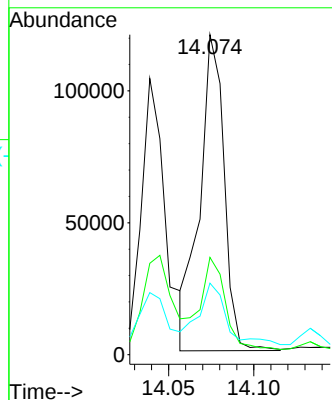
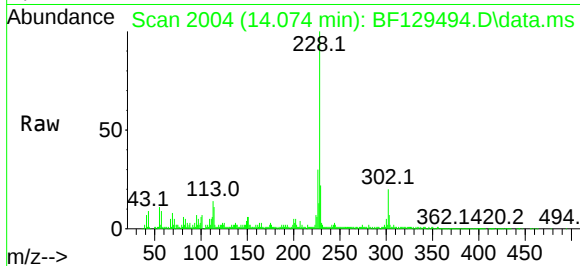
#83
Chrysene
Concen: 6.568 ng
RT: 14.074 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Instrument :
BNA_F
ClientSampleId :
RVE-39

Tgt Ion:228 Resp: 11903
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.4 15.9 23.9

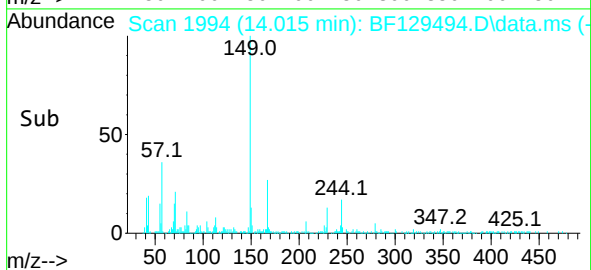
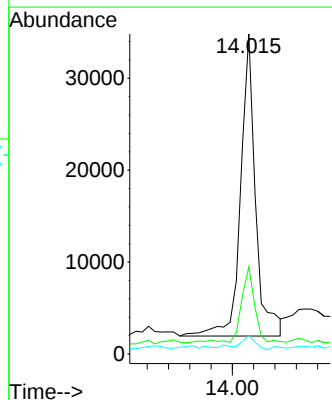
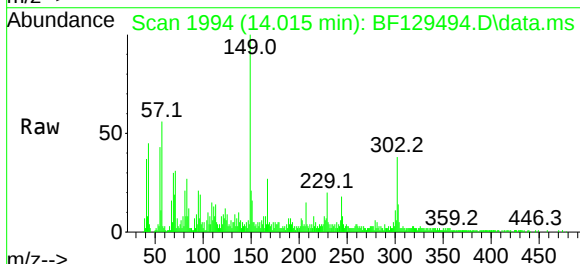
Manual Integrations
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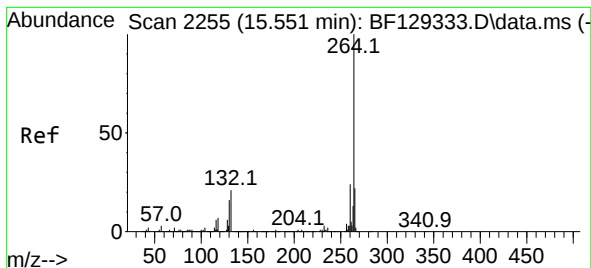
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.398 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:149 Resp: 32235
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 5.7 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 213229

Delta R.T. 0.012 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

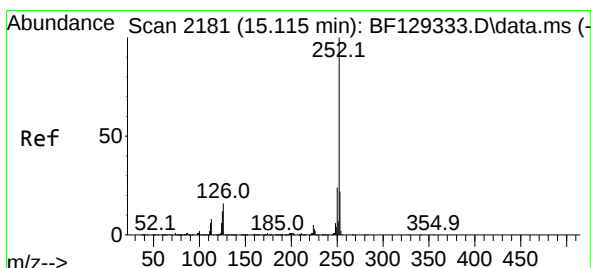
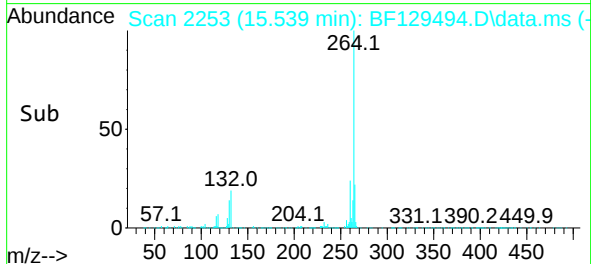
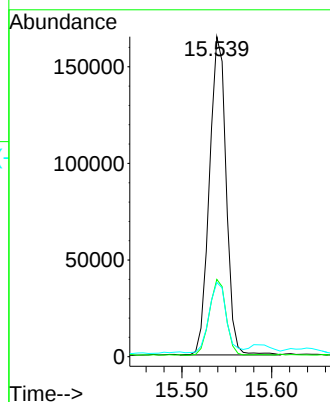
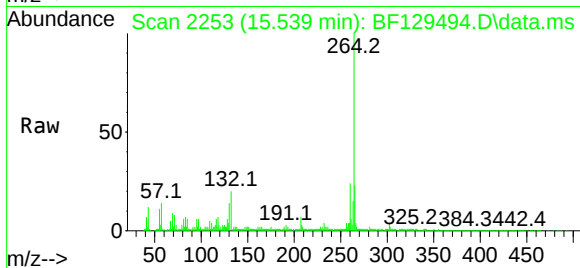
RVE-39

Tgt Ion:264	Resp:	213229
Ion Ratio	Lower	Upper
264	100	
260	24.1	18.4 27.6
265	23.2	17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#88

Benzo(b)fluoranthene

Concen: 6.296 ng m

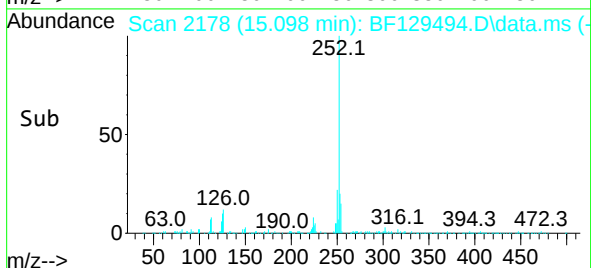
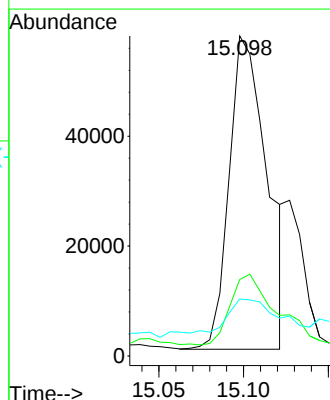
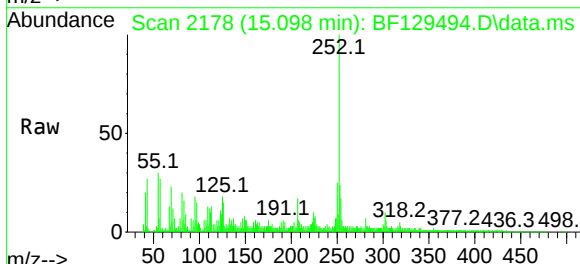
RT: 15.098 min Scan# 2178

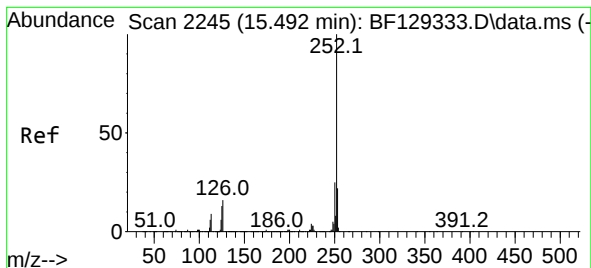
Delta R.T. 0.006 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

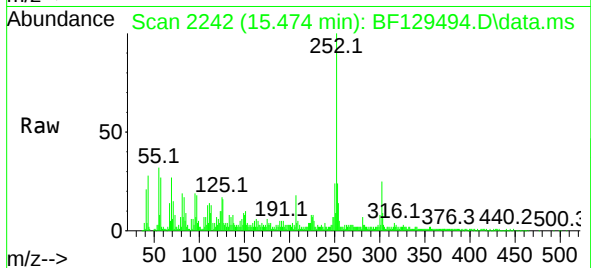
Tgt Ion:252	Resp:	89045
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.7 26.5
125	17.8	8.0 12.0





#90
Benzo(a)pyrene
Concen: 5.997 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

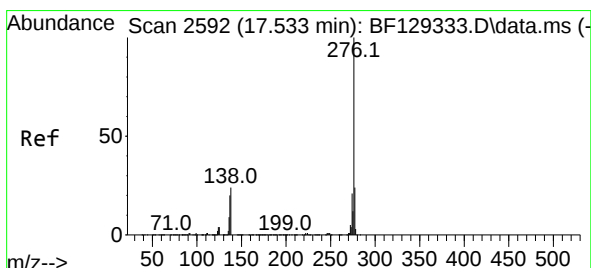
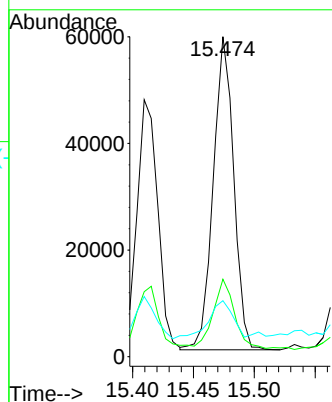
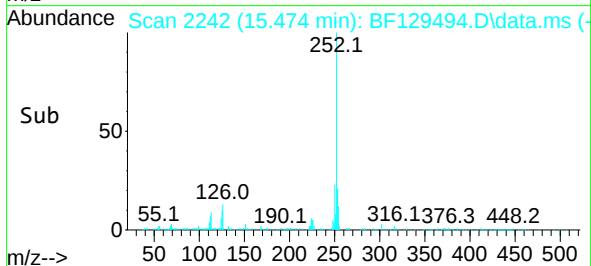
Instrument :
BNA_F
ClientSampleId :
RVE-39



Tgt Ion:252 Resp: 68850
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 17.5 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#92
Benzo(g,h,i)perylene
Concen: 4.052 ng
RT: 17.509 min Scan# 2588
Delta R.T. 0.018 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:276 Resp: 48384
Ion Ratio Lower Upper
276 100
277 27.9 19.1 28.7
138 25.4 18.0 27.0

