

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129569.D
 Acq On : 04 Aug 2022 14:07
 Operator : CG\JU
 Sample : N3931-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-120

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 02:08:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	151086	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	608596	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	306581	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	439626	20.000	ng	0.00
76) Chrysene-d12	14.027	240	312212	20.000	ng	-0.01
86) Perylene-d12	15.510	264	361300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	958433	103.338	ng	0.00
7) Phenol-d6	6.504	99	1185692	101.708	ng	-0.01
23) Nitrobenzene-d5	7.428	82	773198	69.353	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	278191	94.381	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1398583	70.570	ng	0.00
79) Terphenyl-d14	12.969	244	1076941	65.076	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.598	202	65081	2.677	ng	98
78) Pyrene	12.827	202	58217	2.230	ng	98
88) Benzo(b)fluoranthene	15.074	252	62160m	2.594	ng	

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

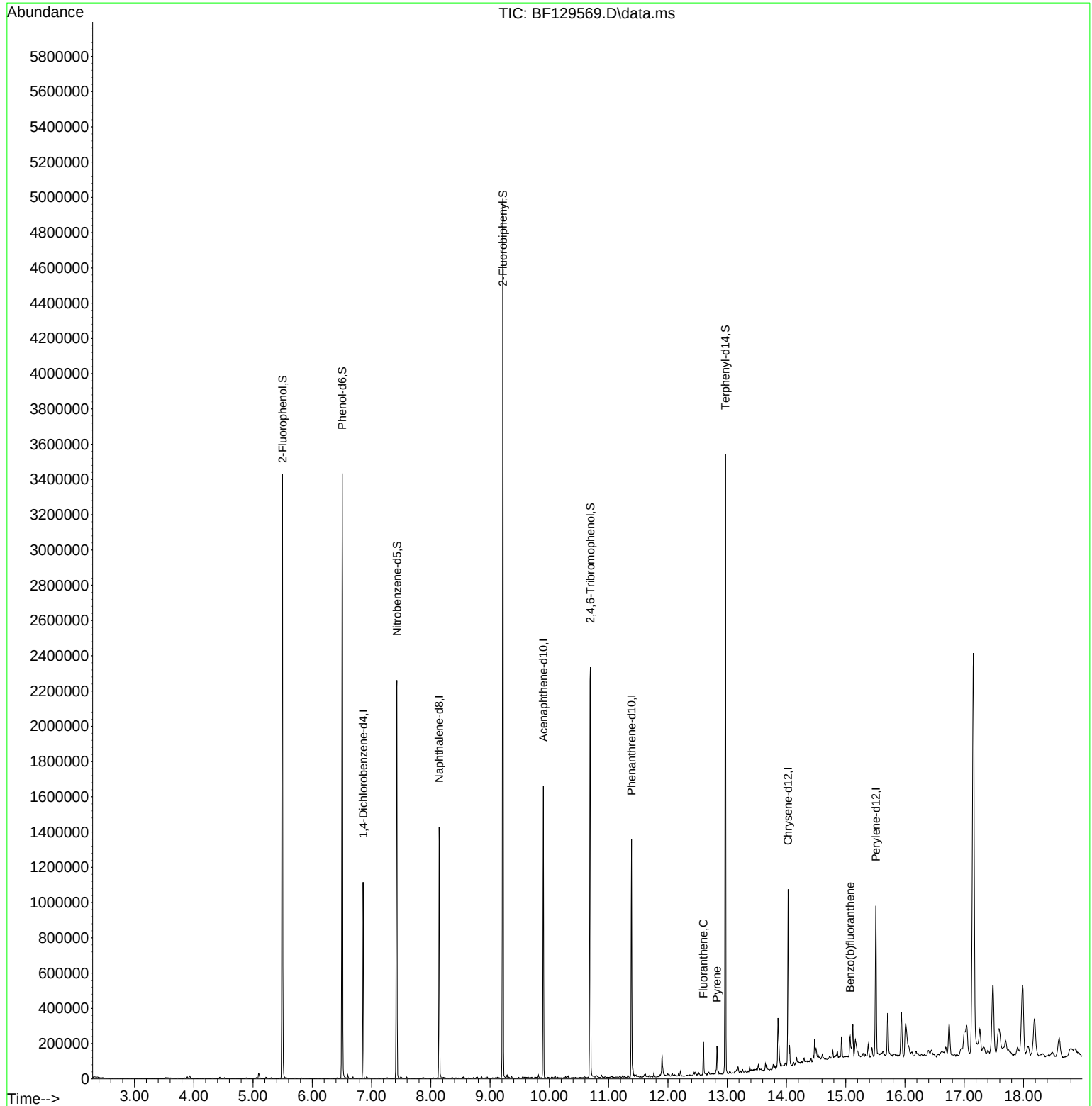
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129569.D
Acq On : 04 Aug 2022 14:07
Operator : CG\JU
Sample : N3931-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

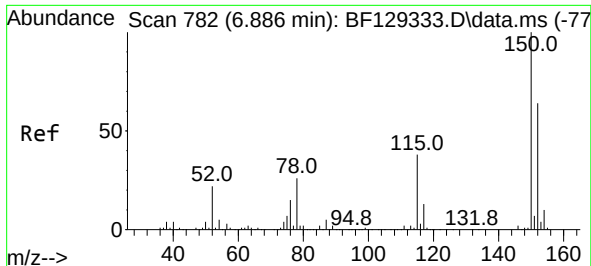
Instrument :
BNA_F
ClientSampleId :
RVE-120

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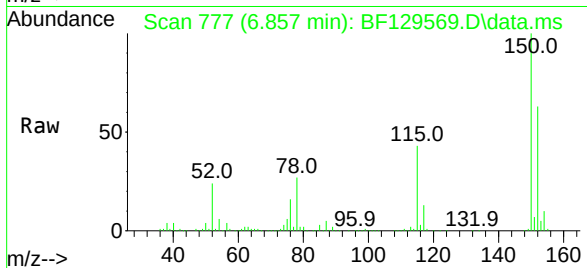
Quant Time: Aug 05 02:08:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

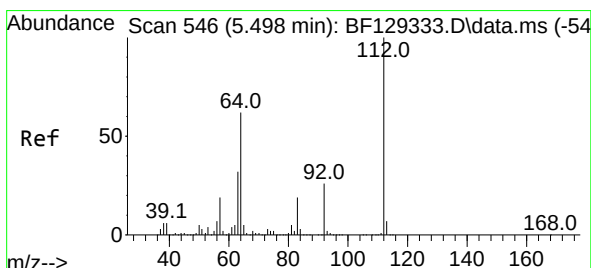
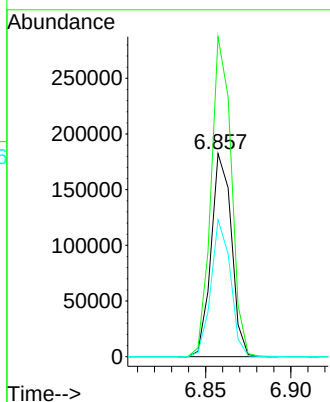
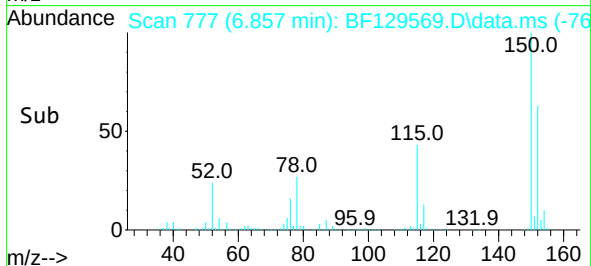
Instrument :
 BNA_F
 ClientSampleId :
 RVE-120



Tgt Ion:152 Resp: 151080
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 67.4 49.9 74.9

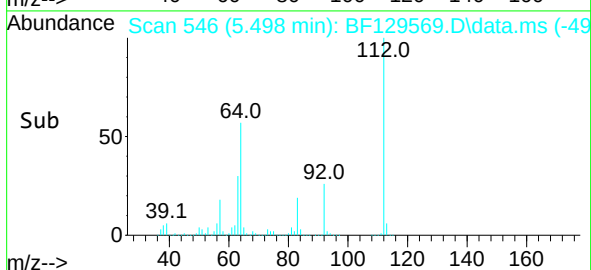
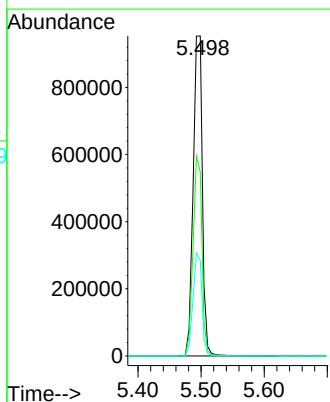
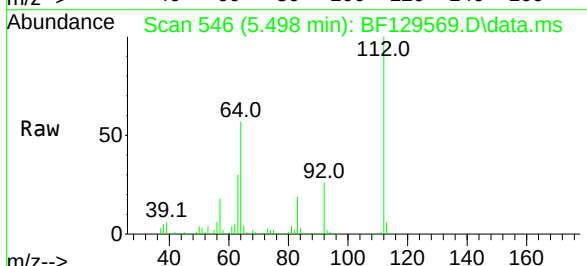
Manual Integrations
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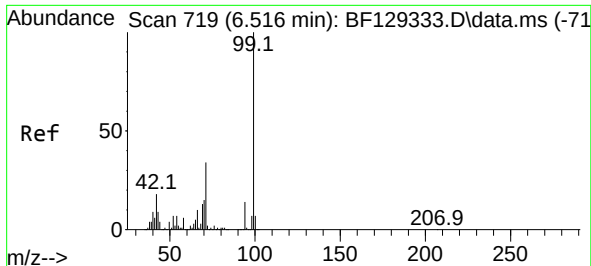
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#5
 2-Fluorophenol
 Concen: 103.338 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

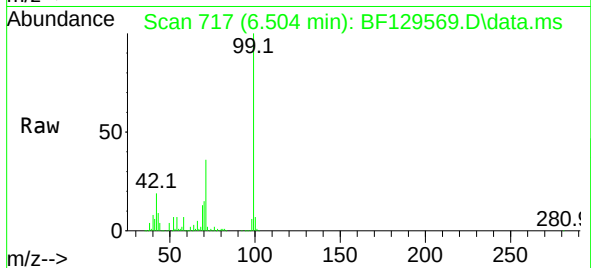
Tgt Ion:112 Resp: 958433
 Ion Ratio Lower Upper
 112 100
 64 57.5 53.3 79.9
 63 29.9 28.0 42.0





#7
Phenol-d6
Concen: 101.708 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

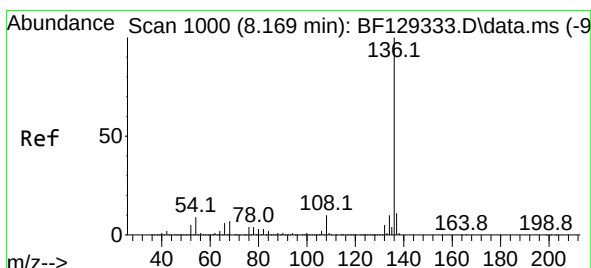
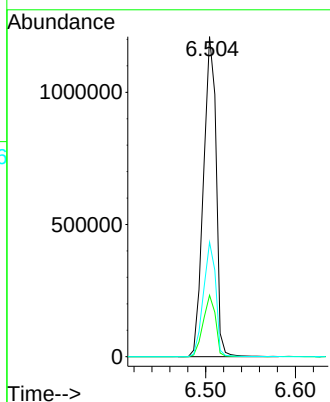
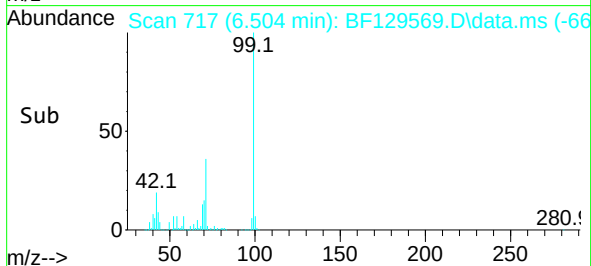
Instrument :
BNA_F
ClientSampleId :
RVE-120



Tgt Ion: 99 Resp: 1185692
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 35.8 28.9 43.3

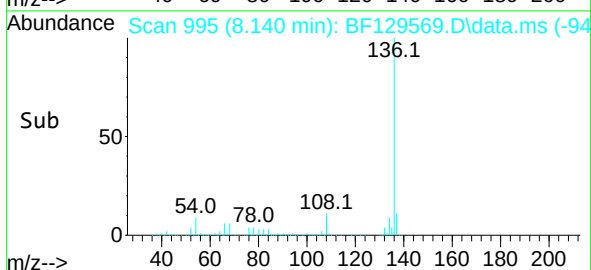
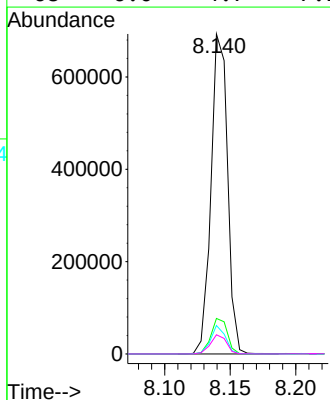
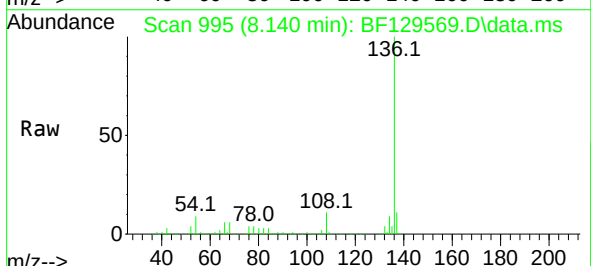
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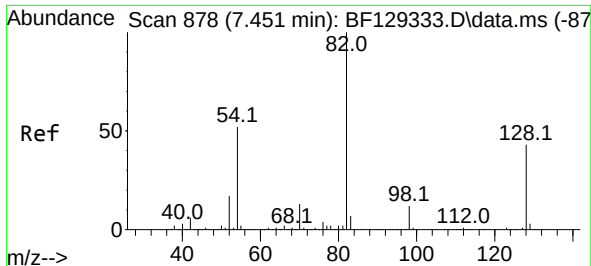
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

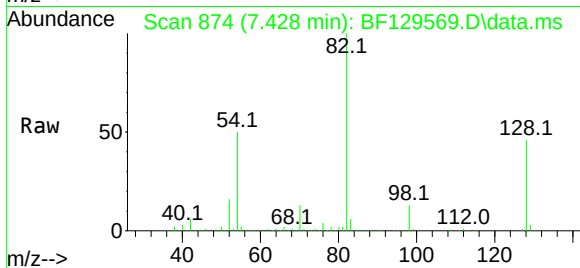
Tgt Ion:136 Resp: 608596
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 7.5 11.3
68 6.0 4.7 7.1





#23
Nitrobenzene-d5
Concen: 69.353 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

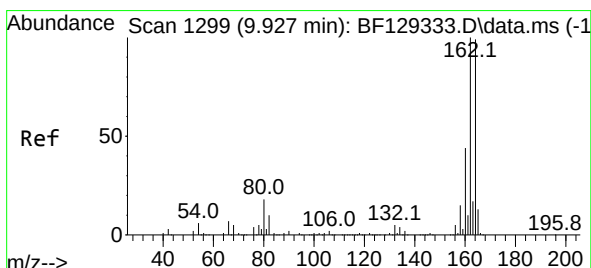
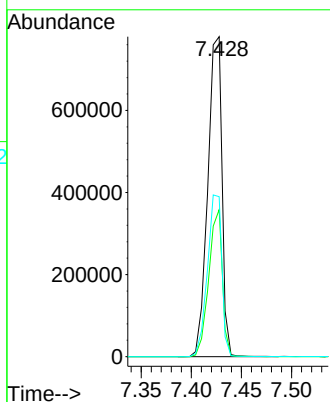
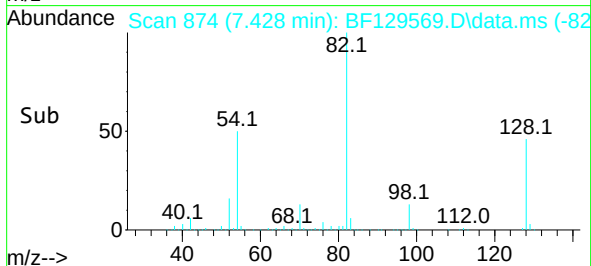
Instrument :
BNA_F
ClientSampleId :
RVE-120



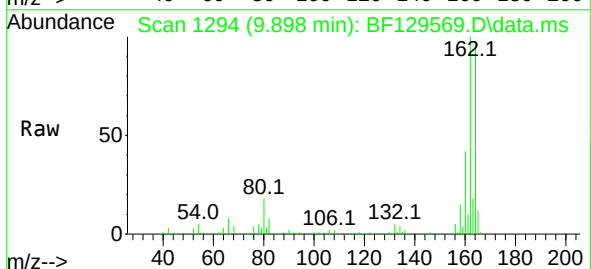
Tgt Ion: 82 Resp: 773198
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 50.0 46.9 70.3

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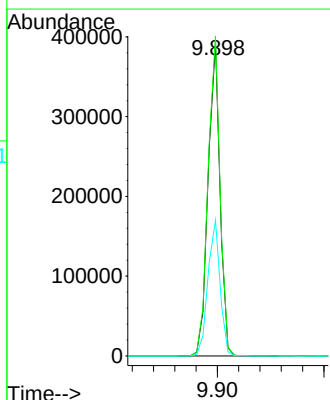
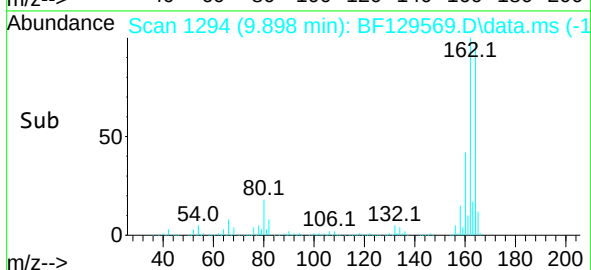
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

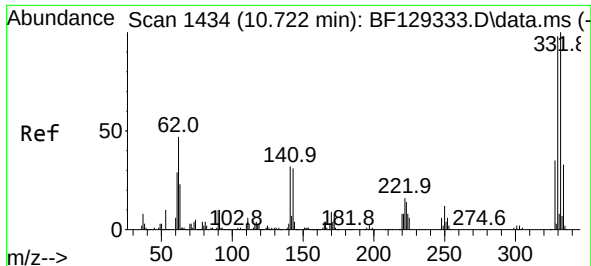


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07



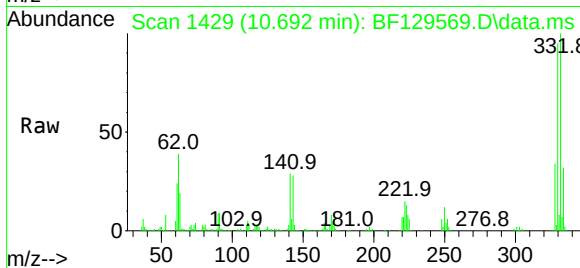
Tgt Ion:164 Resp: 306581
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 43.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 94.381 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

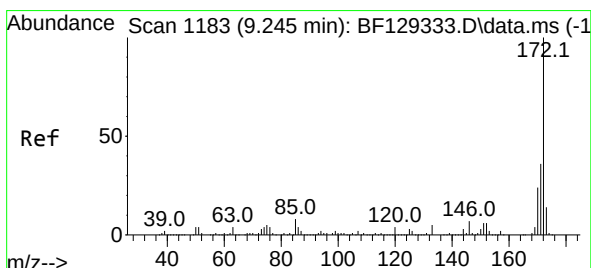
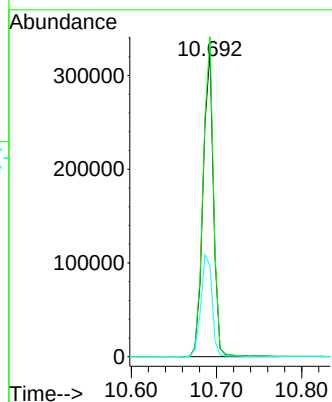
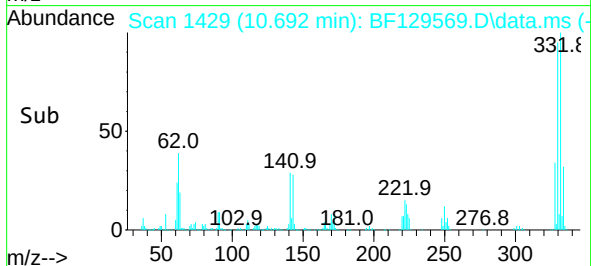
Instrument :
BNA_F
ClientSampleId :
RVE-120



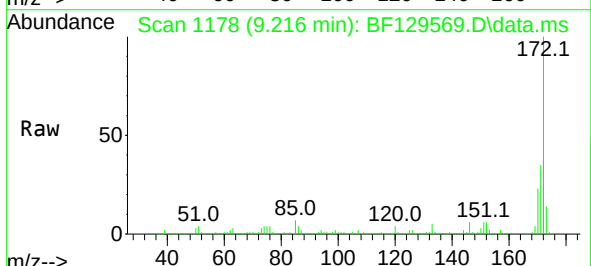
Tgt Ion: 330 Resp: 27819
Ion Ratio Lower Upper
330 100
332 104.0 76.8 115.2
141 35.9 28.0 42.0

Manual Integrations
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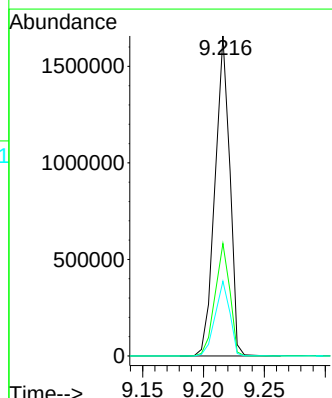
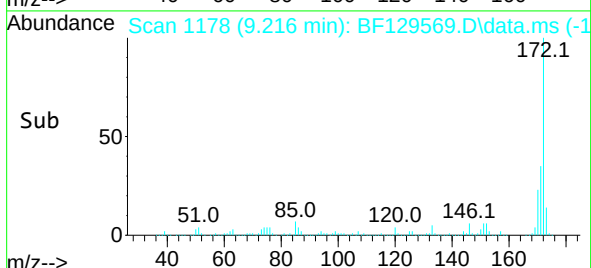
Reviewed By : Christian Giraldo 08/05/2022
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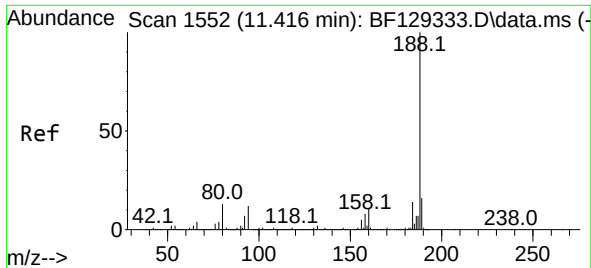


#45
2-Fluorobiphenyl
Concen: 70.570 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07



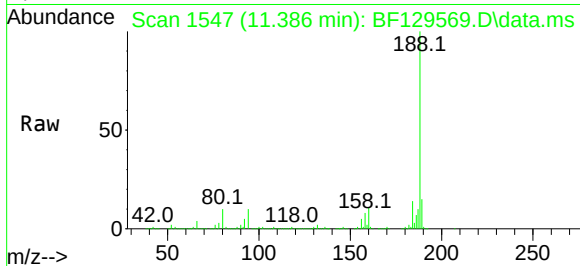
Tgt Ion: 172 Resp: 1398583
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

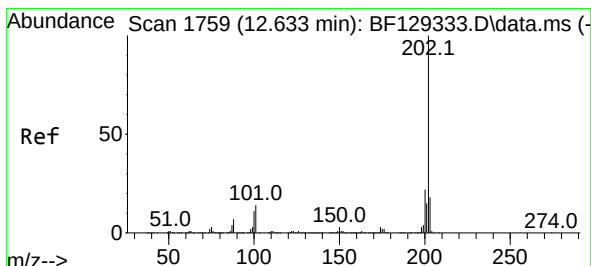
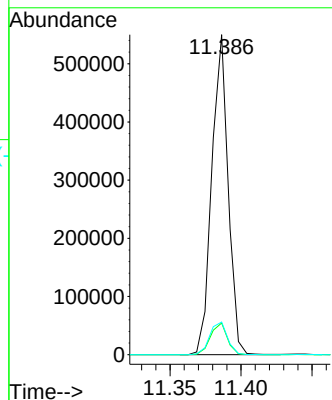
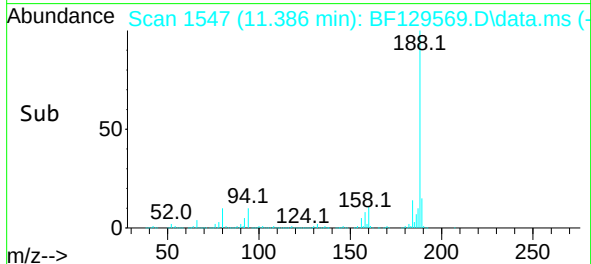
Instrument :
BNA_F
ClientSampleId :
RVE-120



Tgt Ion:188 Resp: 439620
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.2 7.6 11.4

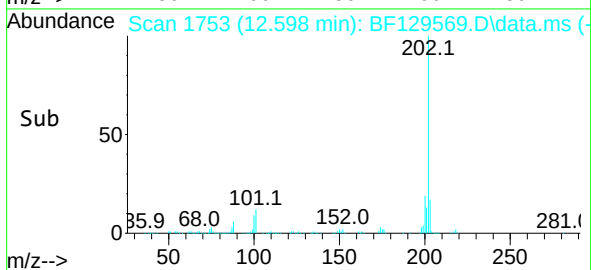
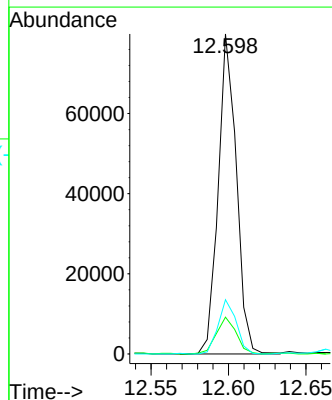
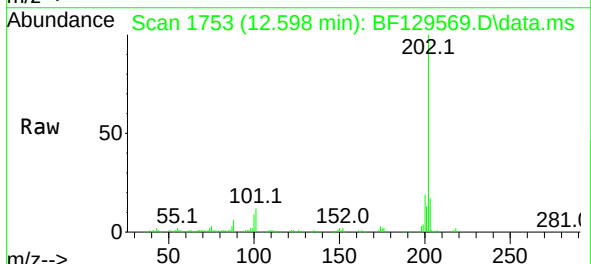
Manual Integrations
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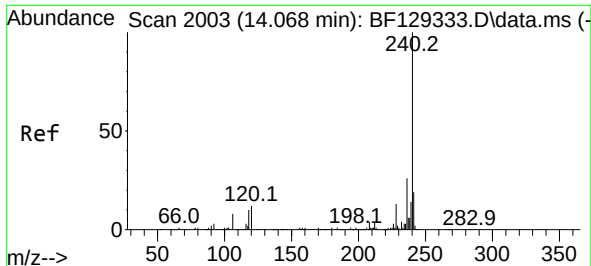
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 2.677 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion:202 Resp: 65081
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 16.9 0.0 38.0





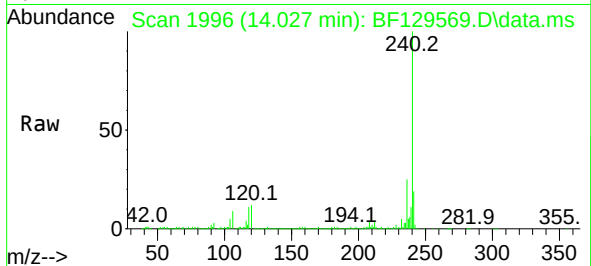
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

RVE-120

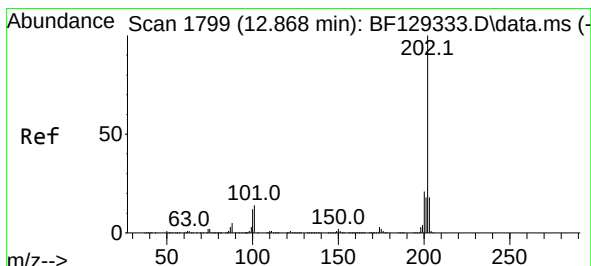
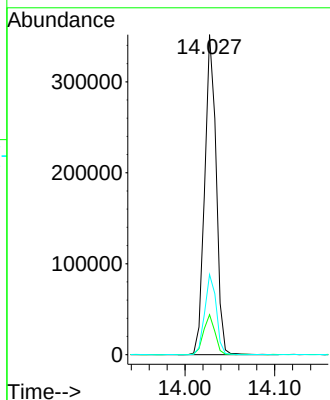
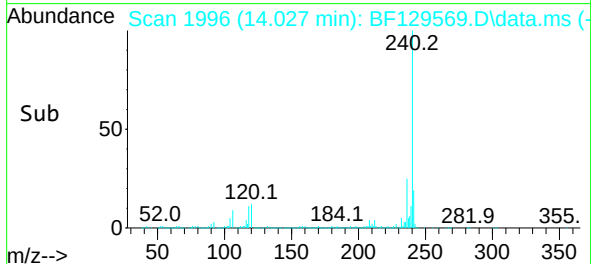


Tgt Ion:240 Resp: 31221
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.0 20.8 31.2

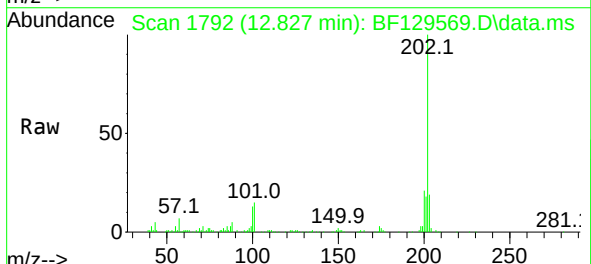
Manual Integrations

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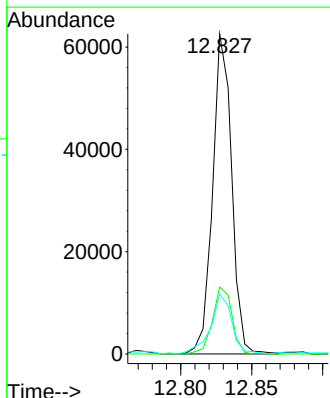
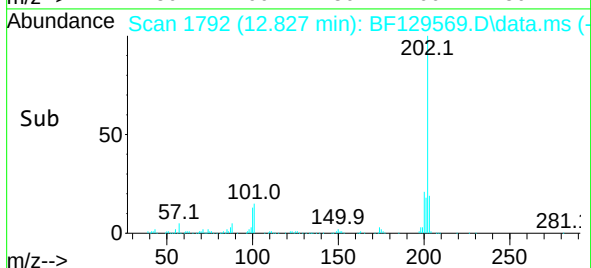
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

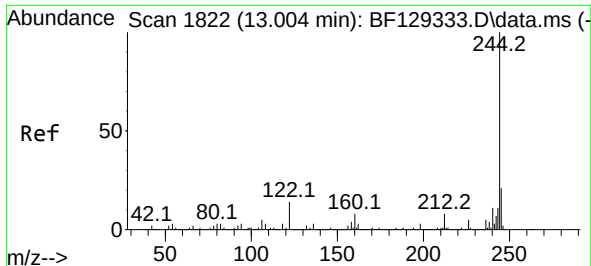


#78
Pyrene
Concen: 2.230 ng
RT: 12.827 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07



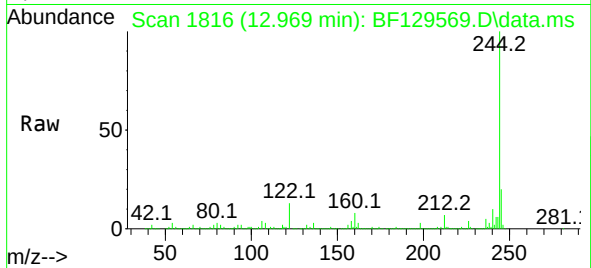
Tgt Ion:202 Resp: 58217
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 65.076 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

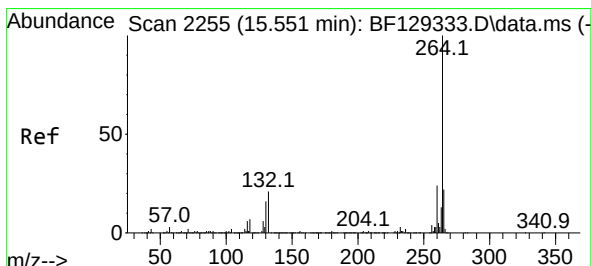
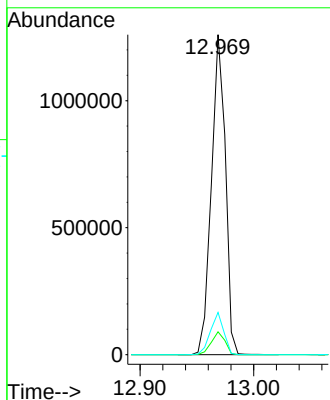
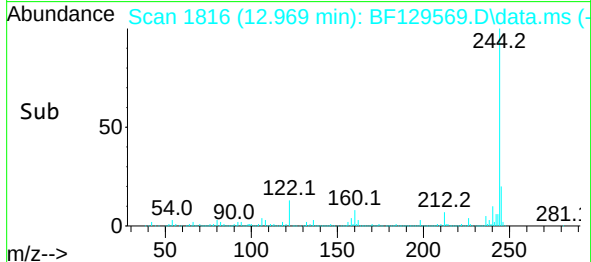
Instrument :
 BNA_F
 ClientSampleId :
 RVE-120



Tgt Ion:244 Resp: 107694
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 13.2 8.8 13.2

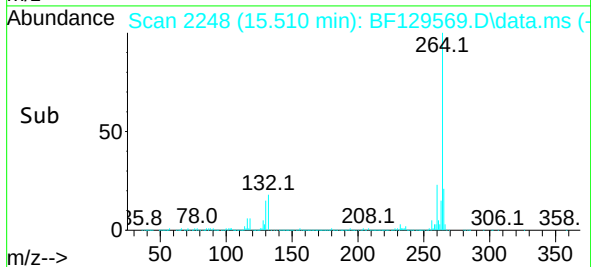
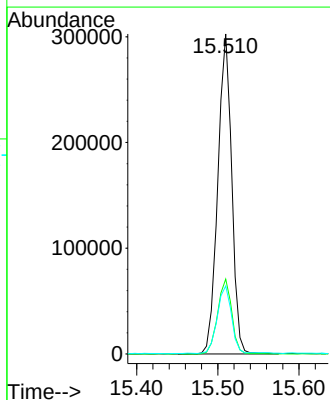
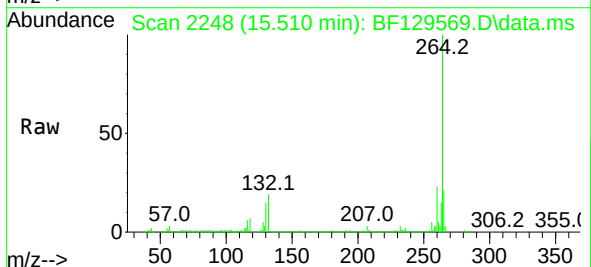
Manual Integrations
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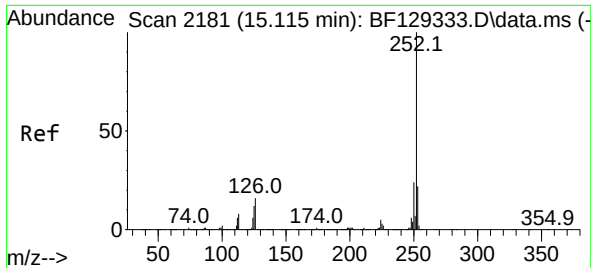
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

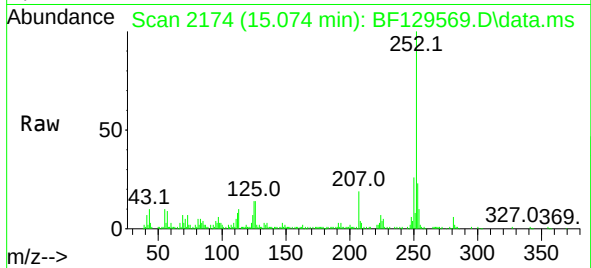
Tgt Ion:264 Resp: 361300
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.3 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.594 ng m
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Instrument :
BNA_F
ClientSampleId :
RVE-120



Tgt Ion:252 Resp: 62160
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 14.3 8.0 12.0

Manual Integrations
APPROVED

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

