

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129556.D
 Acq On : 03 Aug 2022 23:49
 Operator : CG\JU
 Sample : N3930-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-100

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 02:21:29 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	125704	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	439034	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	188355	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307357	20.000	ng	0.00
76) Chrysene-d12	14.045	240	309899	20.000	ng	0.00
86) Perylene-d12	15.527	264	234683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	821304	106.433	ng	0.00
7) Phenol-d6	6.516	99	972040	100.217	ng	0.00
23) Nitrobenzene-d5	7.434	82	593154	73.752	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	189405	104.592	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	951887	78.178	ng	0.00
79) Terphenyl-d14	12.980	244	984569	59.938	ng	0.00
Target Compounds						
75) Fluoranthene	12.610	202	61148	3.597	ng	95
83) Chrysene	14.069	228	44769	2.244	ng	98
88) Benzo(b)fluoranthene	15.092	252	44586m	2.864	ng	

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

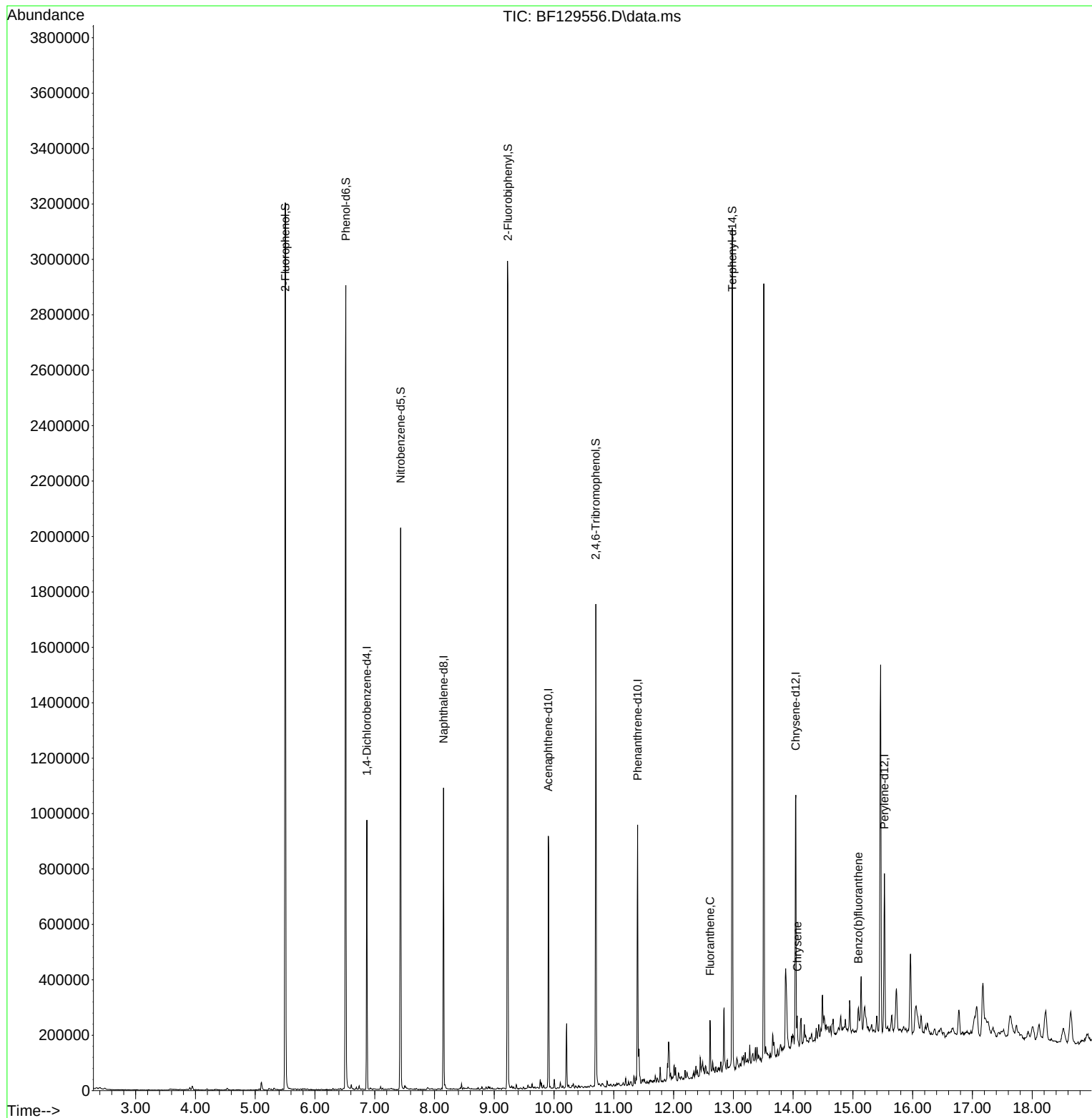
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129556.D
Acq On : 03 Aug 2022 23:49
Operator : CG\JU
Sample : N3930-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

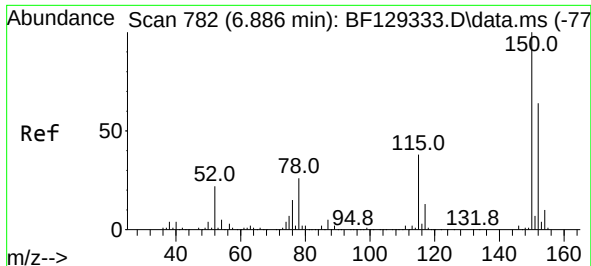
Instrument :
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RVE-100

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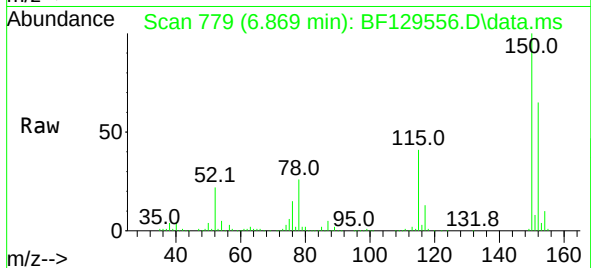
Quant Time: Aug 04 02:21:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

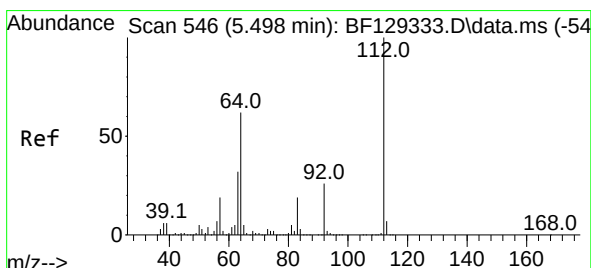
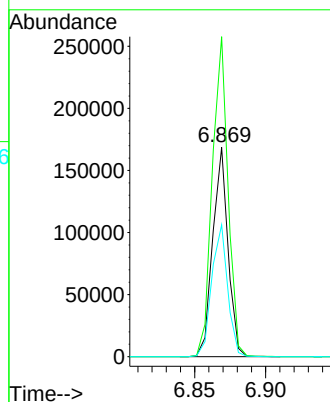
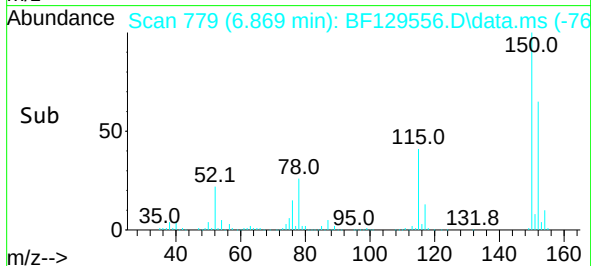
Instrument :
BNA_F
ClientSampleId :
RVE-100



Tgt Ion:152 Resp: 125704
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 63.0 49.9 74.9

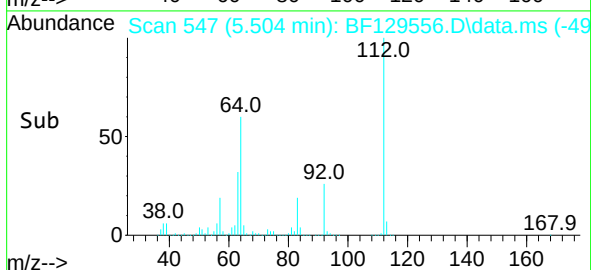
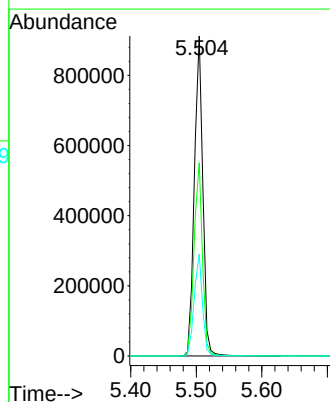
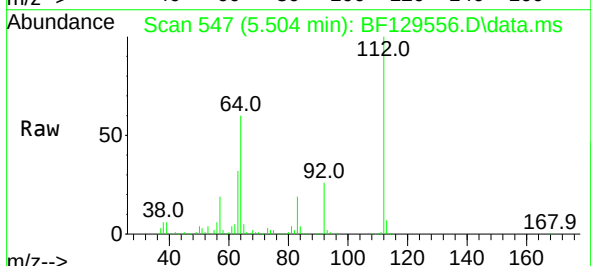
Manual Integrations
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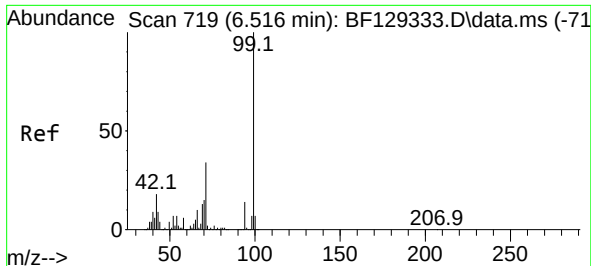
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 106.433 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

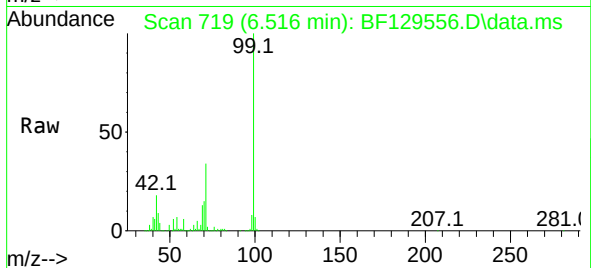
Tgt Ion:112 Resp: 821304
Ion Ratio Lower Upper
112 100
64 60.4 53.3 79.9
63 31.8 28.0 42.0





#7
Phenol-d6
Concen: 100.217 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

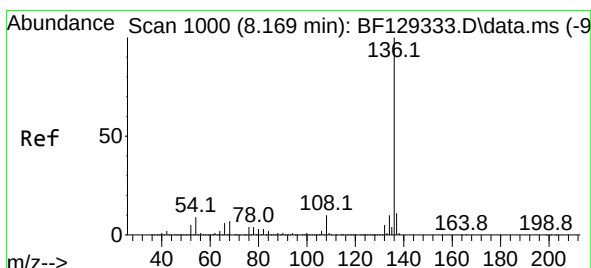
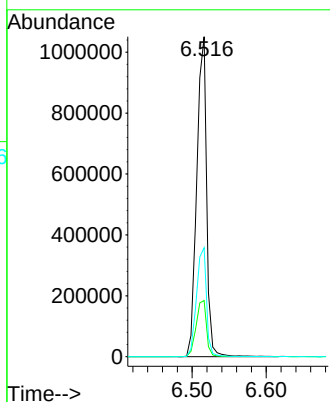
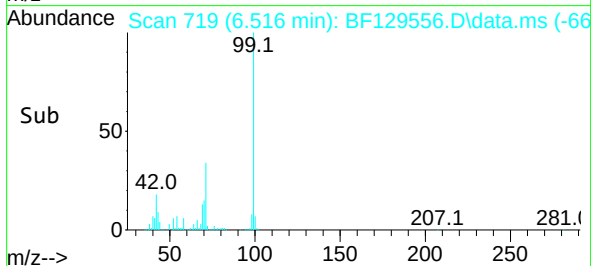
Instrument :
BNA_F
ClientSampleId :
RVE-100



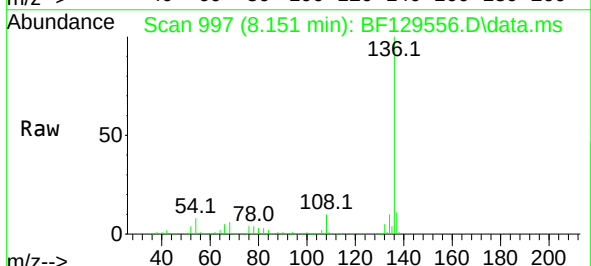
Tgt Ion: 99 Resp: 972040
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 34.0 28.9 43.3

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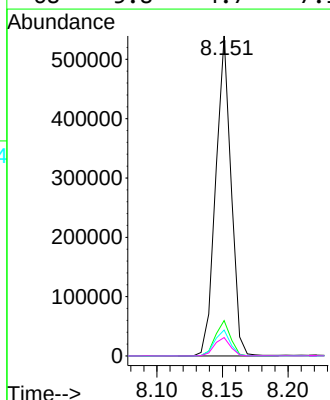
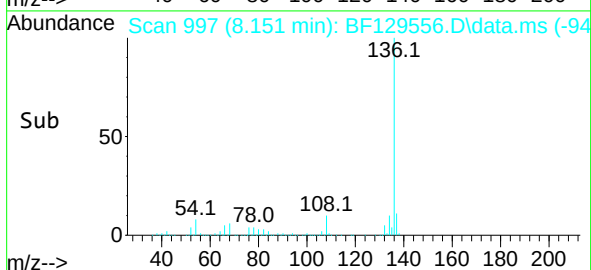
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

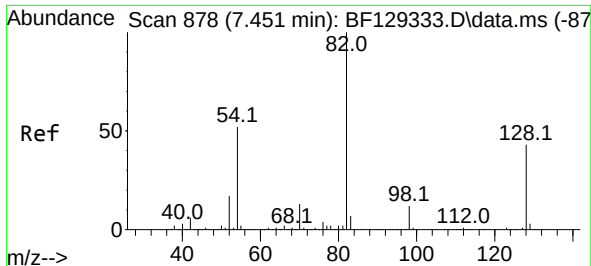


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49



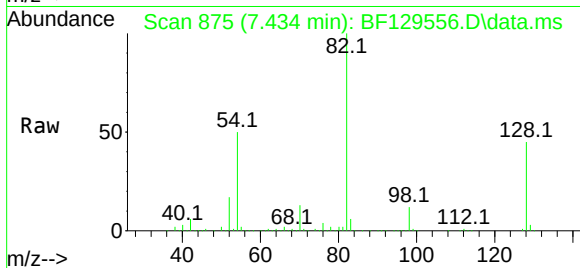
Tgt Ion:136 Resp: 439034
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 73.752 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

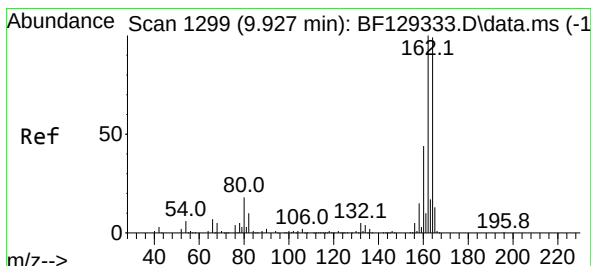
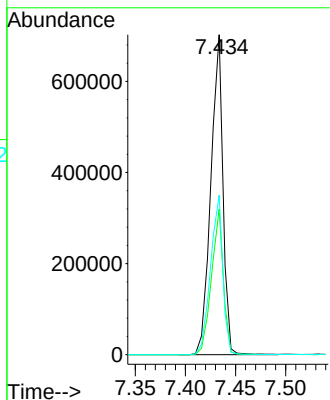
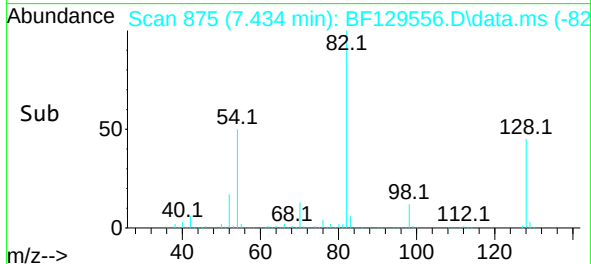
Instrument :
BNA_F
ClientSampleId :
RVE-100



Tgt Ion: 82 Resp: 593154
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 49.8 46.9 70.3

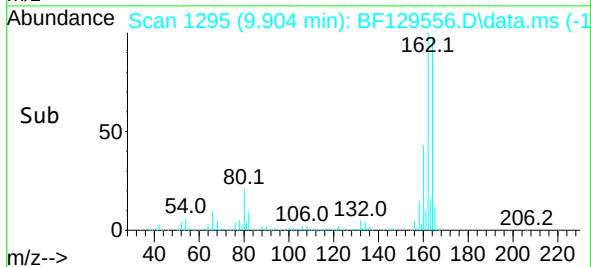
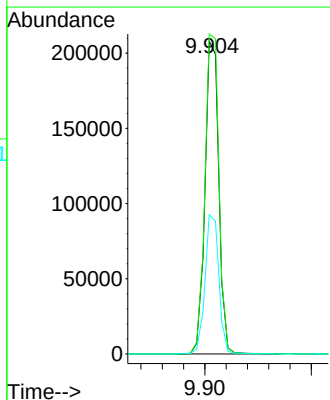
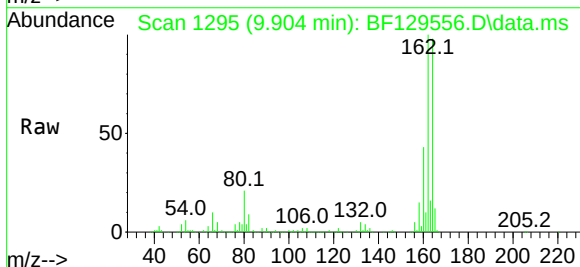
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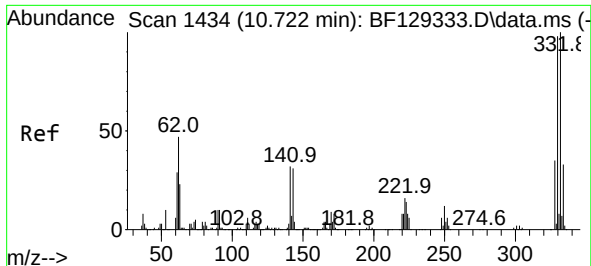
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

Tgt Ion:164 Resp: 188355
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 104.592 ng
RT: 10.698 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

Instrument :

BNA_F

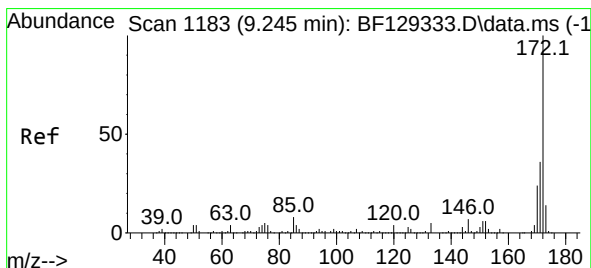
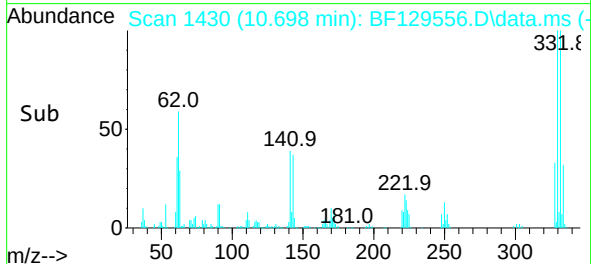
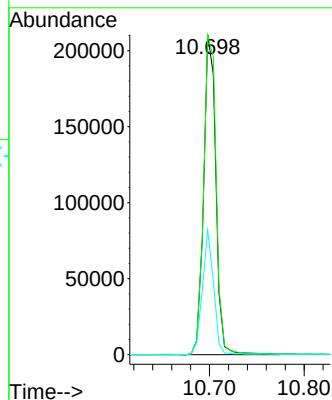
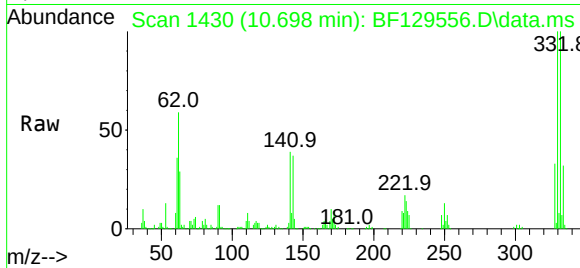
ClientSampleId :

RVE-100

Tgt Ion:330 Resp: 18940
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 36.0 28.0 42.0

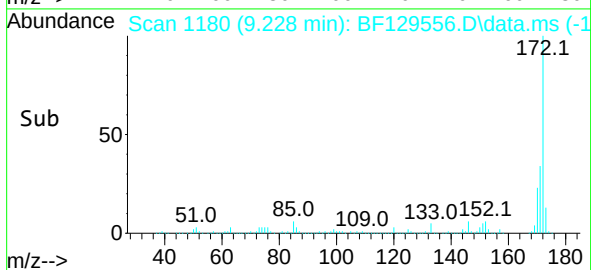
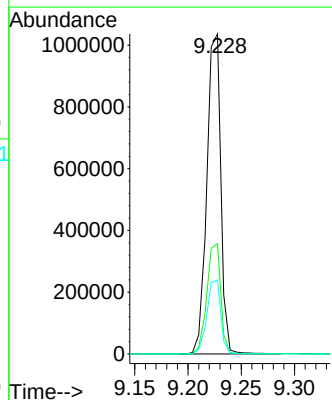
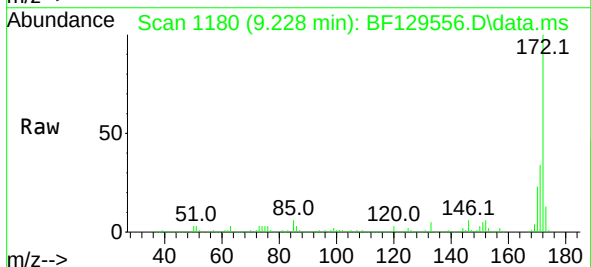
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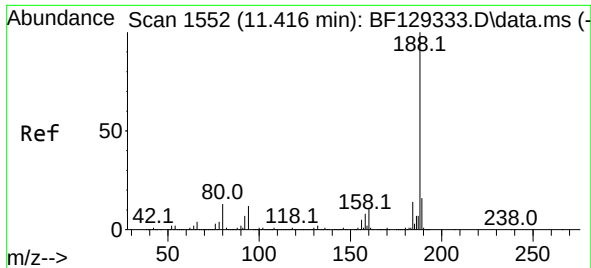
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 78.178 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

Tgt Ion:172 Resp: 951887
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 23.1 19.8 29.8





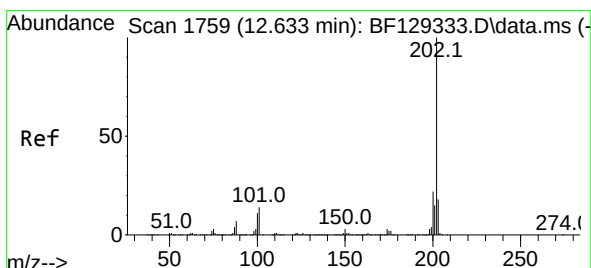
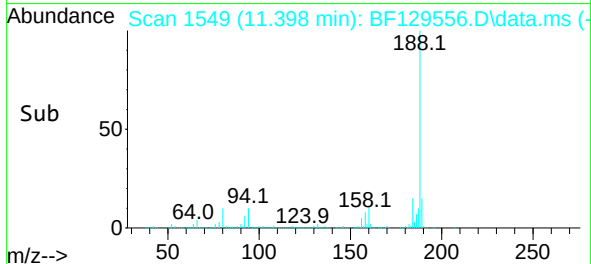
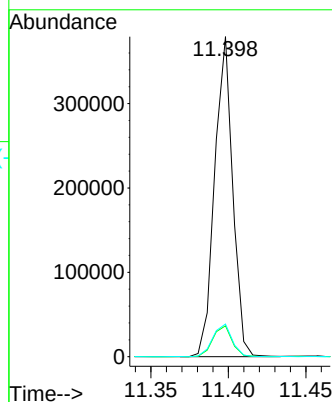
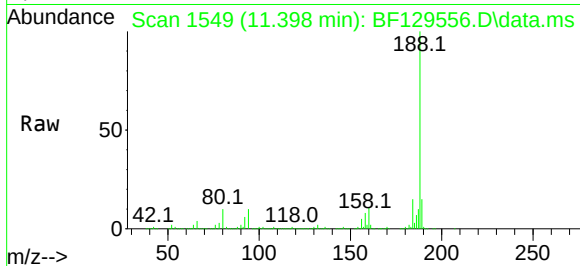
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

Instrument :
BNA_F
ClientSampleId :
RVE-100

Tgt Ion:188 Resp: 30735
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.2 7.6 11.4

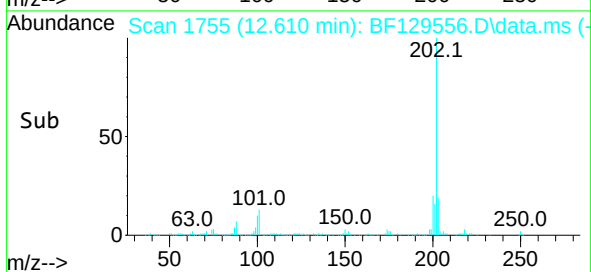
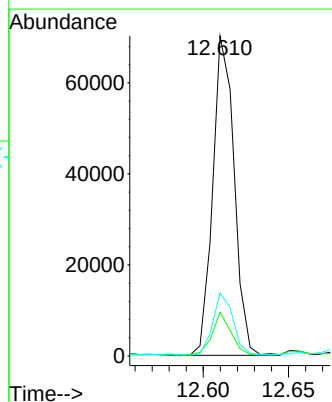
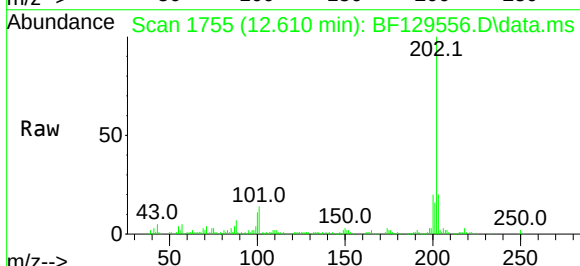
Manual Integrations
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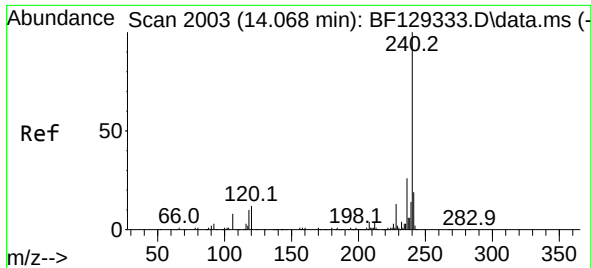
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 3.597 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

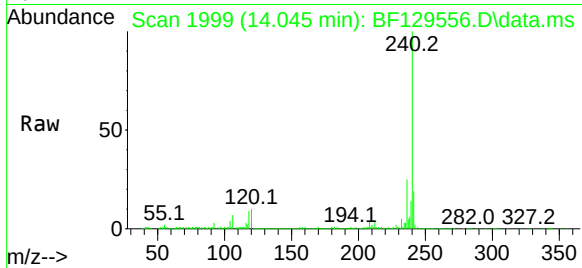
Tgt Ion:202 Resp: 61148
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.4
203 19.7 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

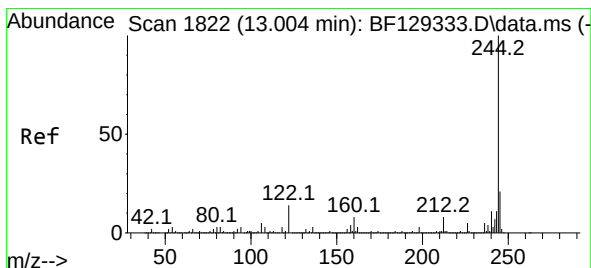
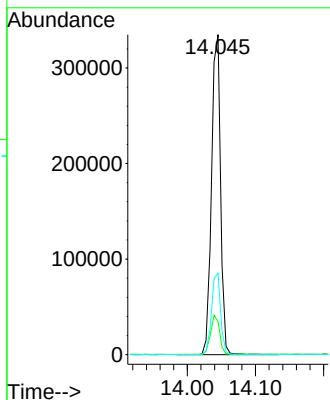
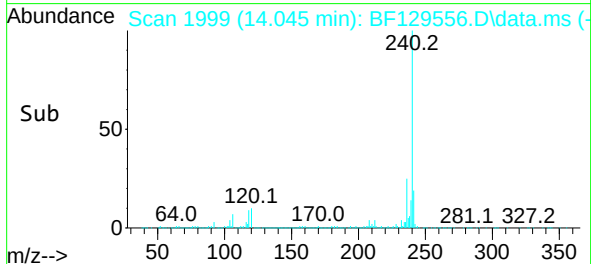
Instrument :
BNA_F
ClientSampleId :
RVE-100



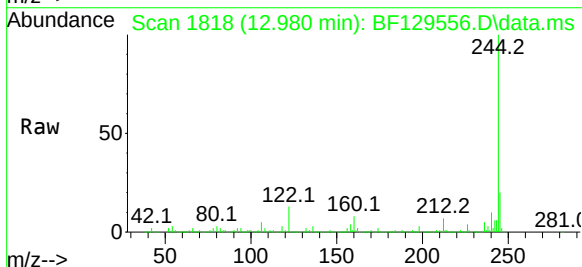
Tgt Ion:240 Resp: 309899
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.4 20.8 31.2

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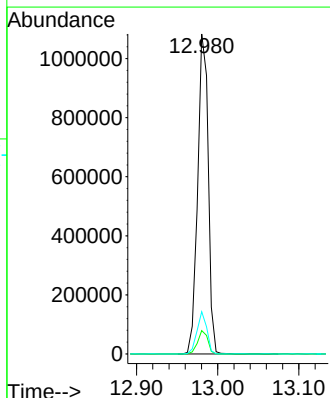
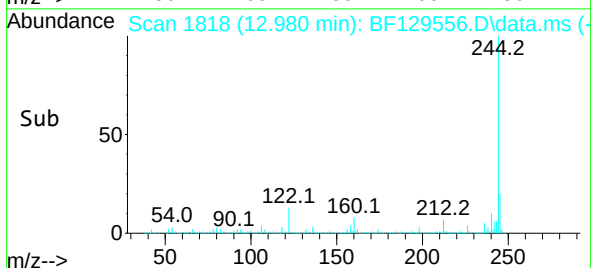
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

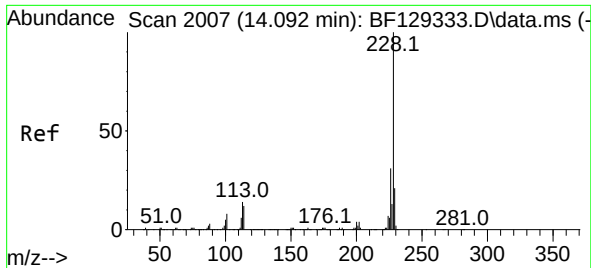


#79
Terphenyl-d14
Concen: 59.938 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49



Tgt Ion:244 Resp: 984569
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.2 8.8 13.2#





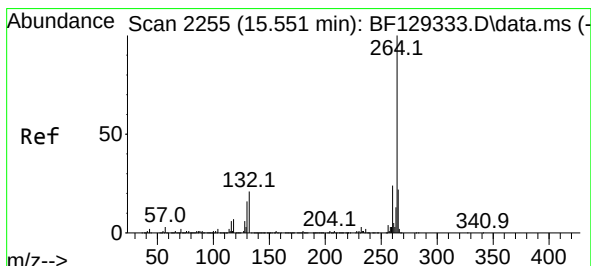
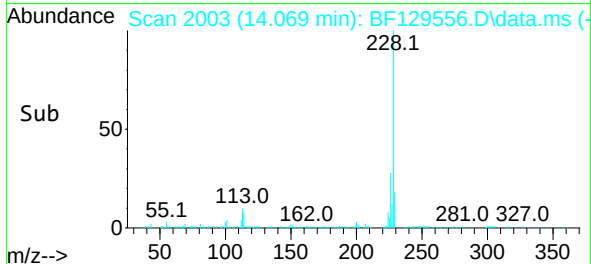
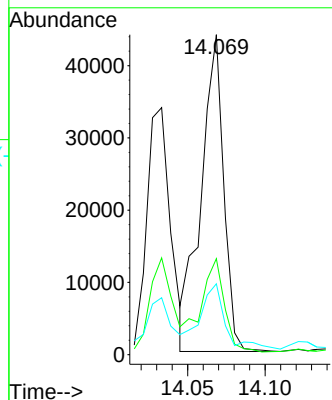
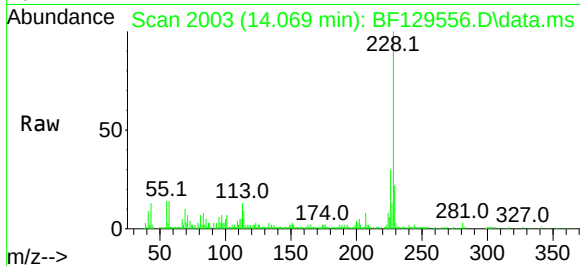
#83
Chrysene
Concen: 2.244 ng
RT: 14.069 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

Instrument :
BNA_F
ClientSampleId :
RVE-100

Tgt Ion:228 Resp: 44769
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.2 15.9 23.9

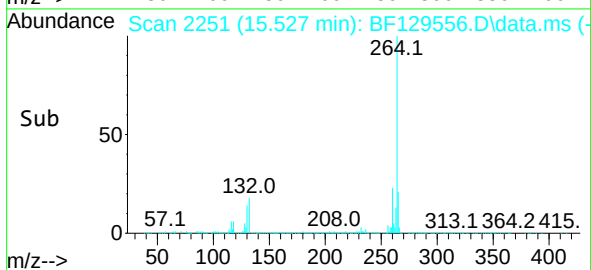
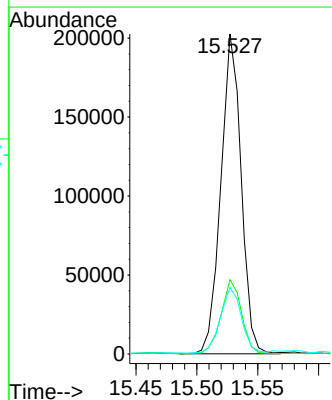
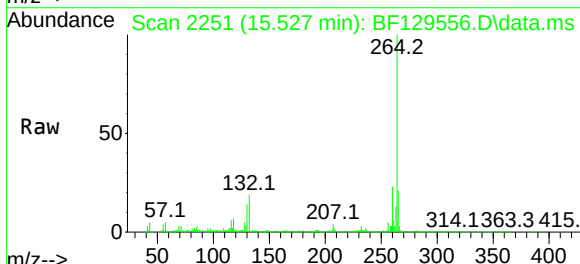
Manual Integrations
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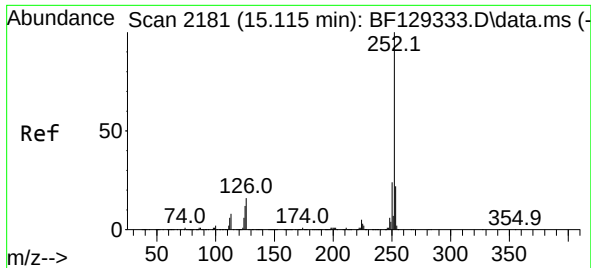
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

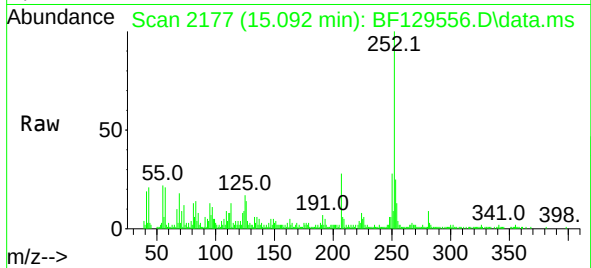
Tgt Ion:264 Resp: 234683
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 20.8 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.864 ng m
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129556.D
Acq: 03 Aug 2022 23:49

Instrument :
BNA_F
ClientSampleId :
RVE-100



Tgt Ion:252 Resp: 44580
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 16.6 8.0 12.0

Manual Integrations
APPROVED

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

