

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129489.D
 Acq On : 01 Aug 2022 23:38
 Operator : CG\JU
 Sample : N3896-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-64

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 01:18:59 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	151223	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	565073	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	248257	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	329630	20.000	ng	0.00
76) Chrysene-d12	14.045	240	317787	20.000	ng	0.00
86) Perylene-d12	15.527	264	343956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1087750	117.174	ng	0.01
7) Phenol-d6	6.522	99	1308471	112.138	ng	0.00
23) Nitrobenzene-d5	7.440	82	846815	81.806	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	226421	94.864	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1417699	88.340	ng	0.00
79) Terphenyl-d14	12.986	244	1104180	65.551	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.428	178	75787	4.212	ng	96
75) Fluoranthene	12.616	202	156116	8.563	ng	99
78) Pyrene	12.845	202	140533	5.288	ng	98
81) Benzo(a)anthracene	14.033	228	114368	5.268	ng	99
83) Chrysene	14.069	228	96376	4.711	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	52671	2.274	ng	95
88) Benzo(b)fluoranthene	15.092	252	149860m	6.568	ng	
89) Benzo(k)fluoranthene	15.116	252	45958m	2.055	ng	
90) Benzo(a)pyrene	15.463	252	96479	5.209	ng	98
92) Benzo(g,h,i)perylene	17.480	276	47089	2.444	ng #	94

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

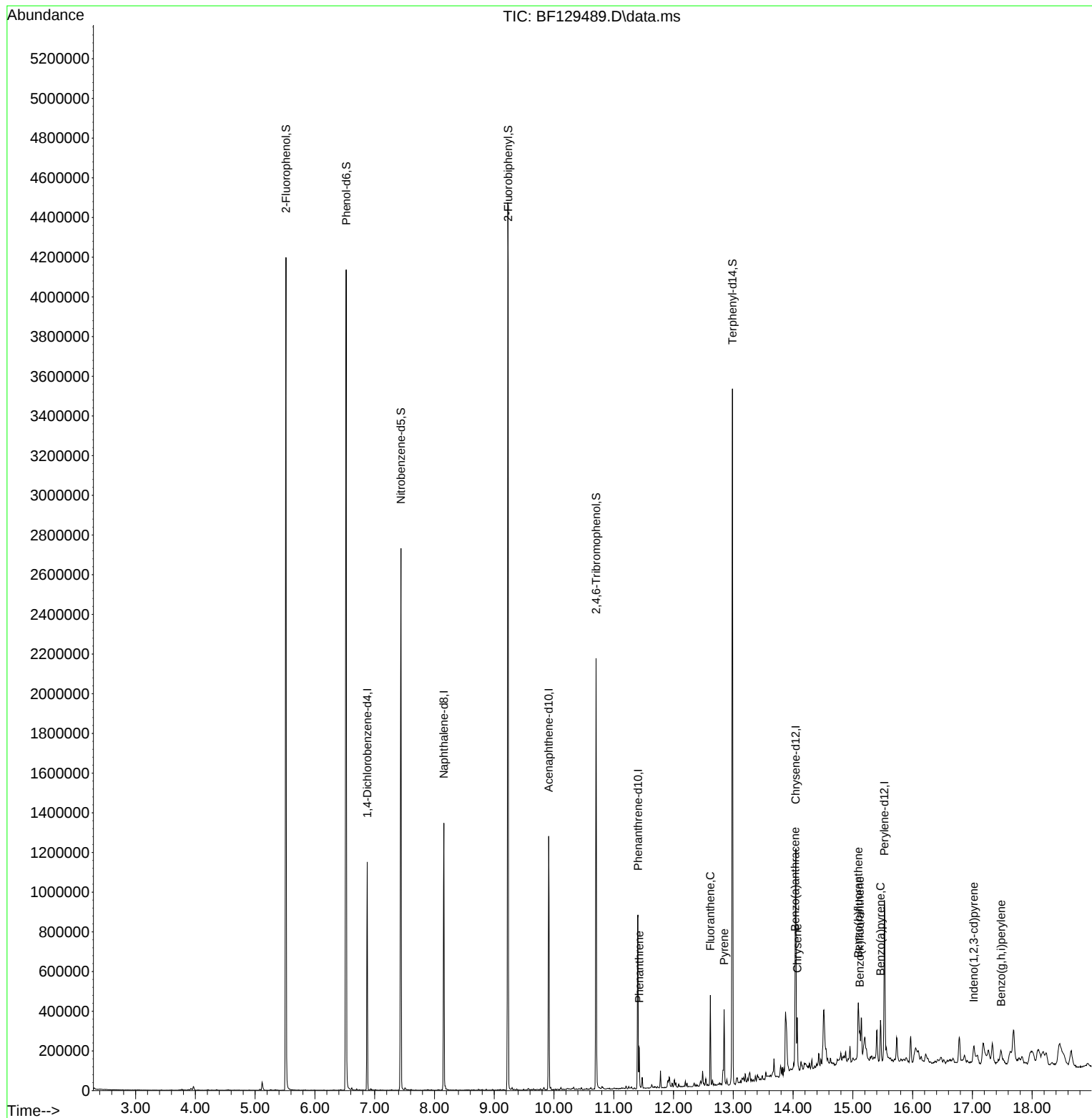
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129489.D
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Operator : CG\JU
Sample : N3896-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

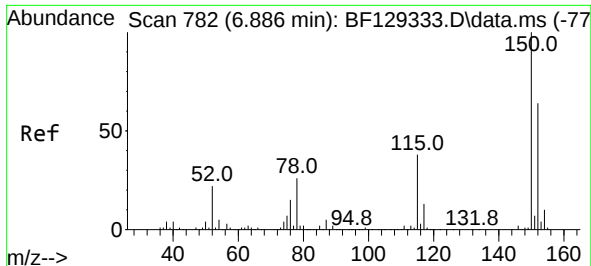
Instrument :
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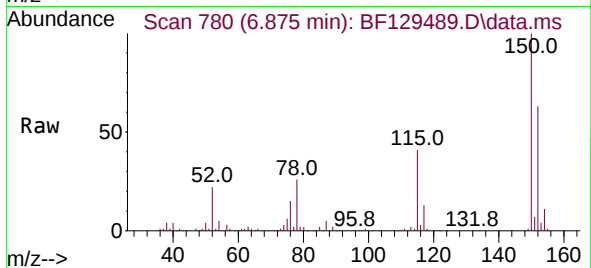
Quant Time: Aug 02 01:18:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

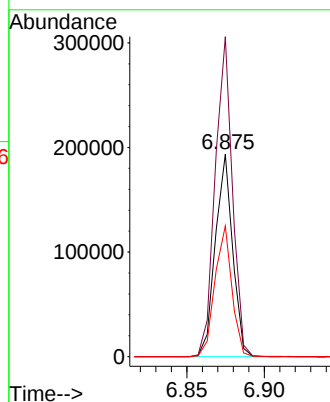
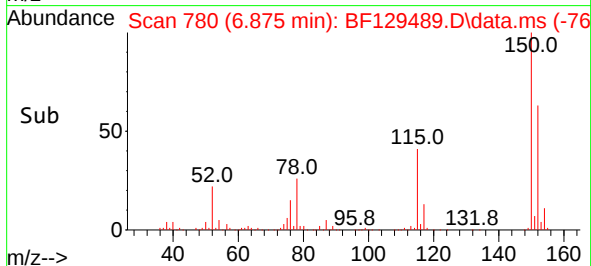
Instrument :
BNA_F
ClientSampleId :
RVE-64



Tgt Ion:152 Resp: 151223
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 64.6 49.9 74.9

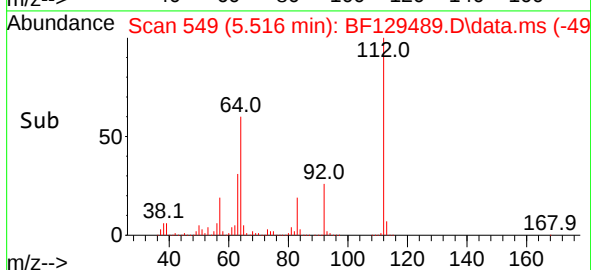
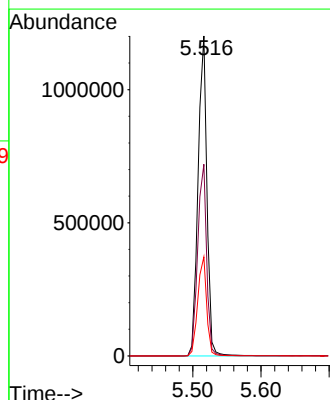
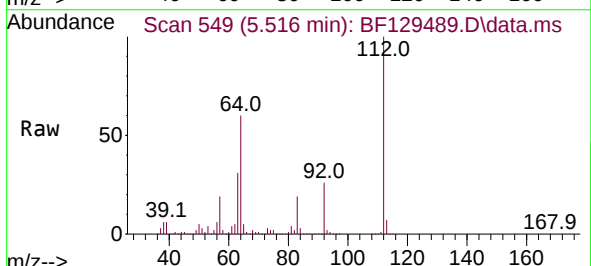
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#5
2-Fluorophenol
Concen: 117.174 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

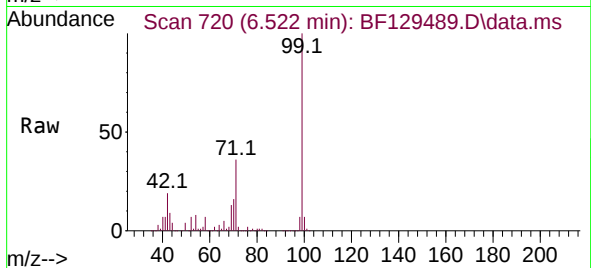
Tgt Ion:112 Resp: 1087750
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 31.0 28.0 42.0





#7
Phenol-d6
Concen: 112.138 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

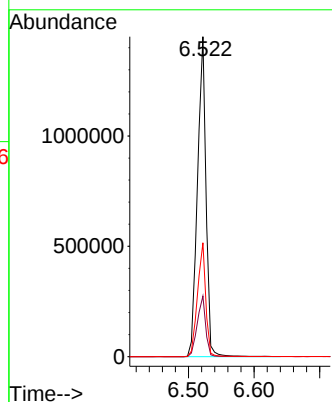
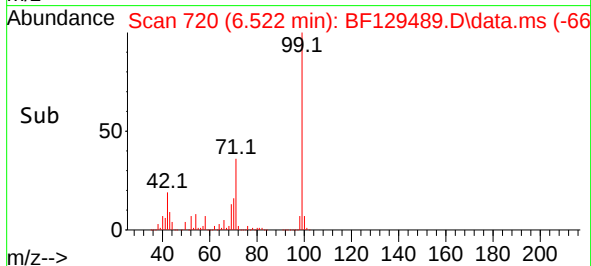
Instrument :
BNA_F
ClientSampleId :
RVE-64



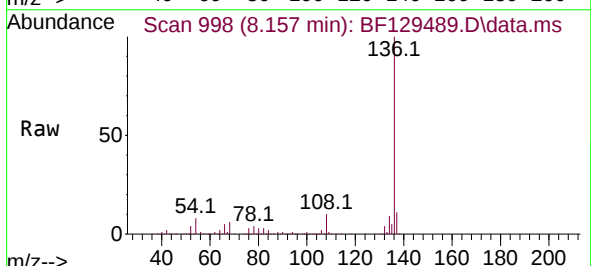
Tgt Ion: 99 Resp: 130847
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.6 28.9 43.3

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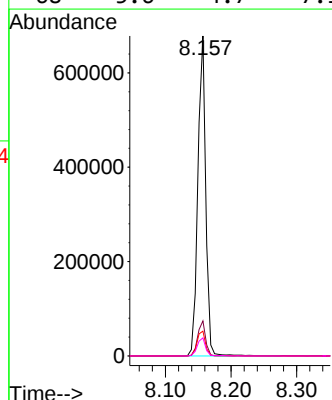
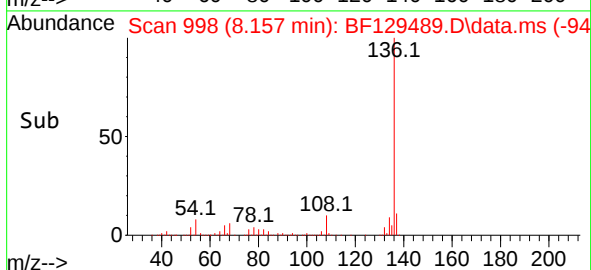
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38



Tgt Ion:136 Resp: 565073
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 81.806 ng

RT: 7.440 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64

Tgt Ion: 82 Resp: 846815

Ion Ratio Lower Upper

82 100

128 44.2 34.0 51.0

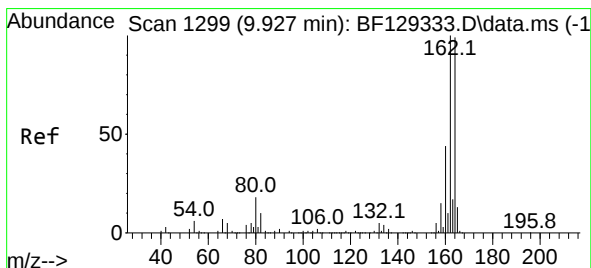
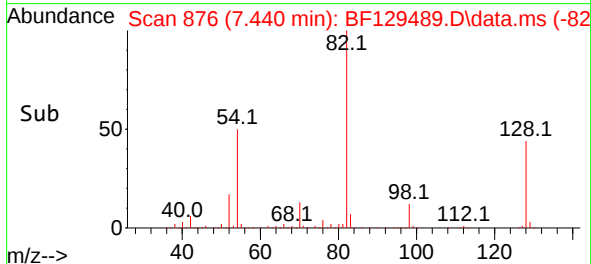
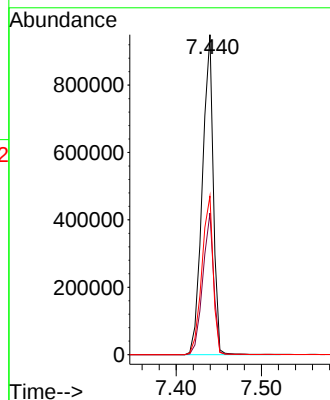
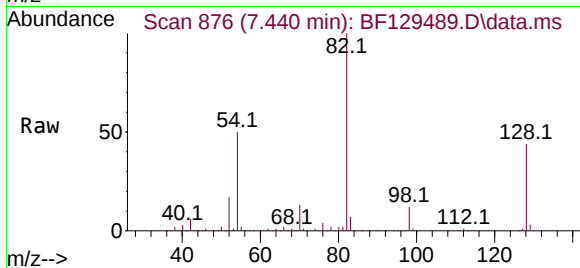
54 49.5 46.9 70.3

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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: BF129489.D

Acq: 01 Aug 2022 23:38

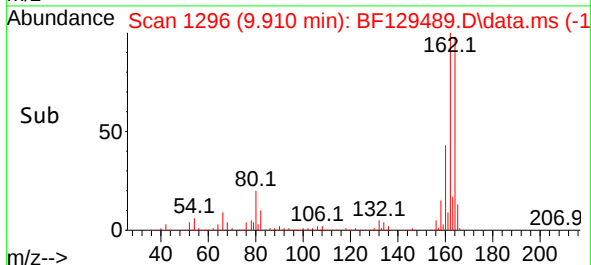
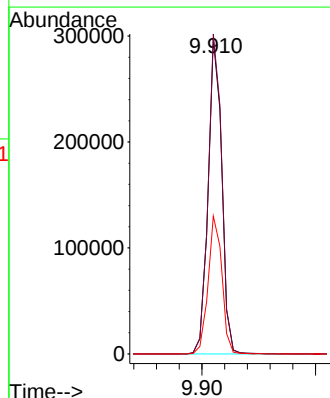
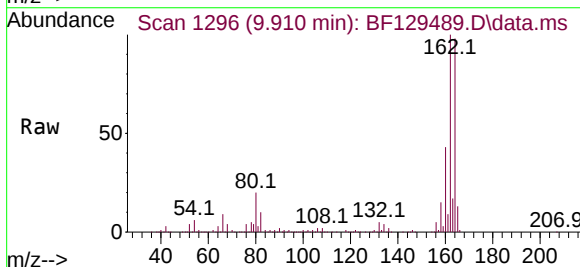
Tgt Ion:164 Resp: 248257

Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

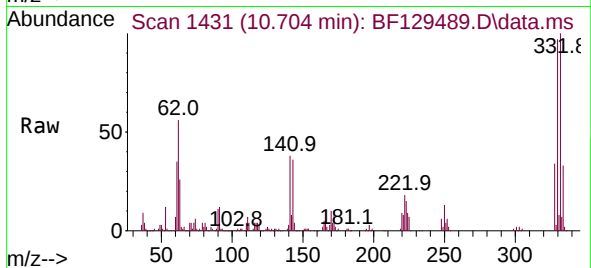
160 43.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 94.864 ng
RT: 10.704 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

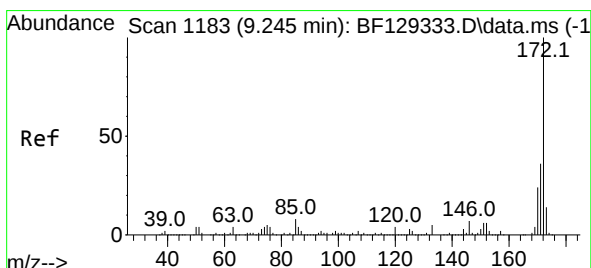
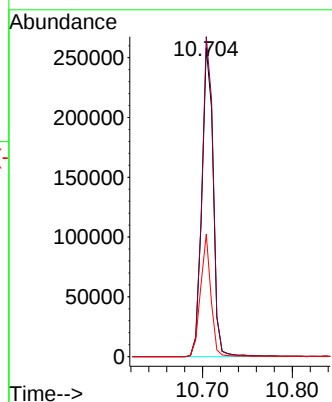
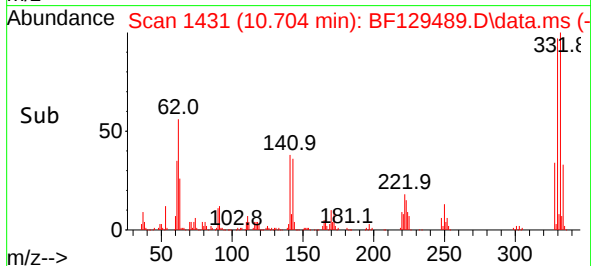
Instrument :
BNA_F
ClientSampleId :
RVE-64



Tgt Ion: 330 Resp: 226421
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 36.2 28.0 42.0

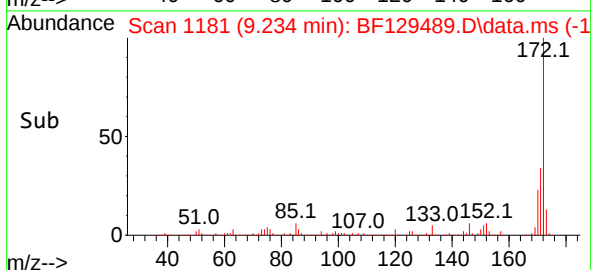
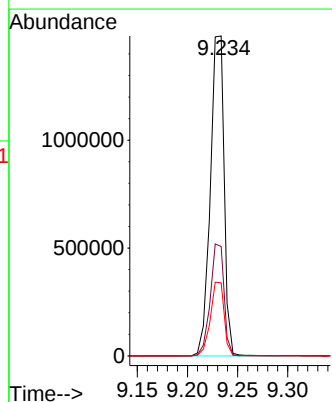
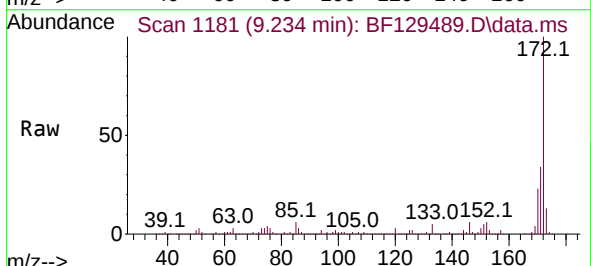
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#45
2-Fluorobiphenyl
Concen: 88.340 ng
RT: 9.234 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion: 172 Resp: 1417699
Ion Ratio Lower Upper
172 100
171 34.2 28.8 43.2
170 22.8 19.8 29.8





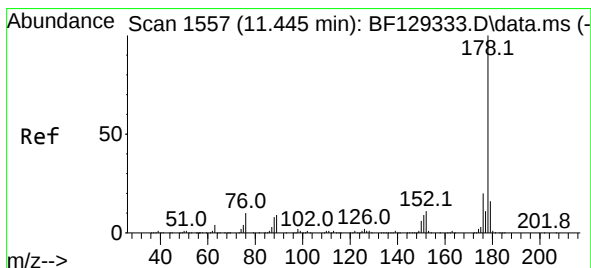
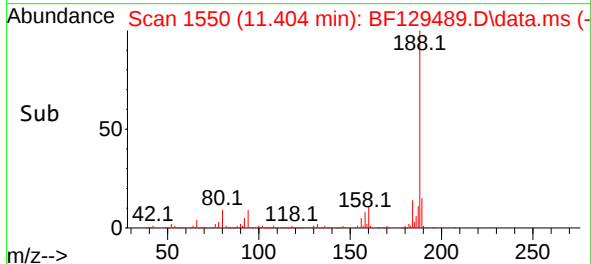
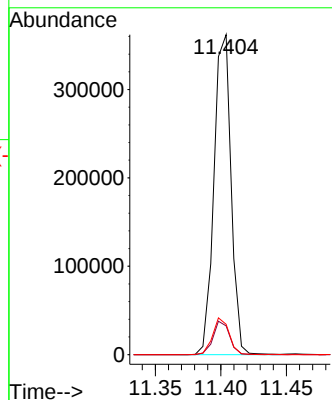
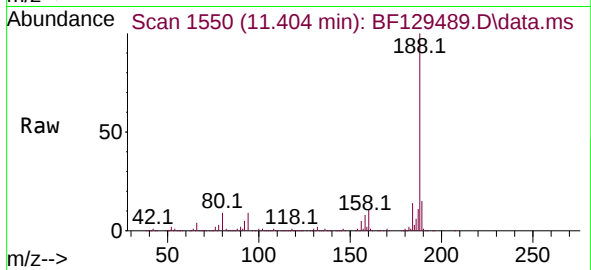
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11404
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Instrument :
BNA_F
ClientSampleId :
RVE-64

Tgt Ion:188 Resp: 329630
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.5 7.6 11.4

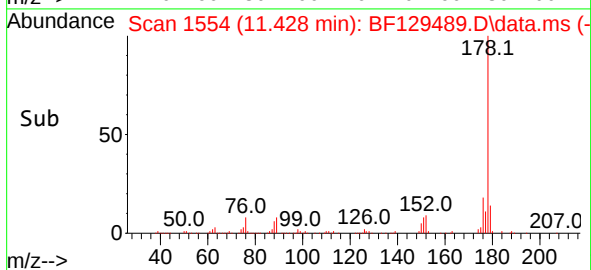
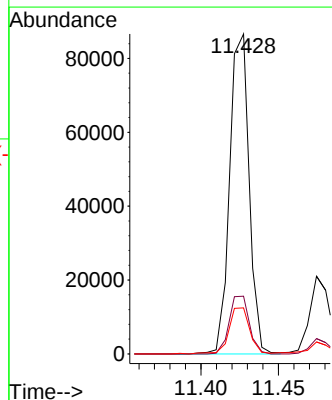
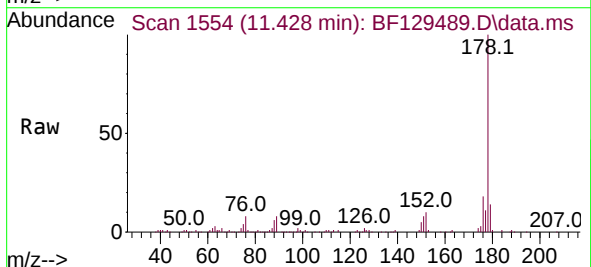
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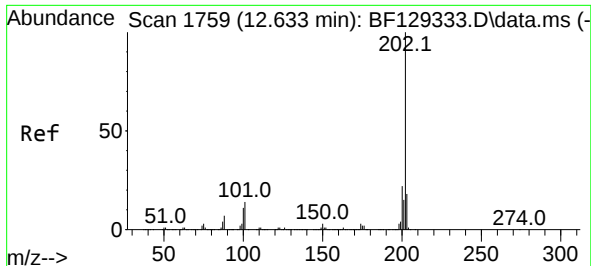
Reviewed By :Christian Giraldo 08/02/2022
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#71
Phenanthrene
Concen: 4.212 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

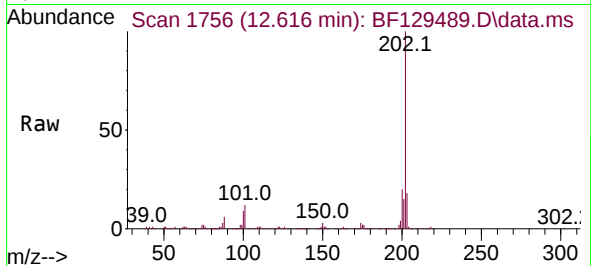
Tgt Ion:178 Resp: 75787
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 14.4 12.6 19.0





#75
Fluoranthene
Concen: 8.563 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

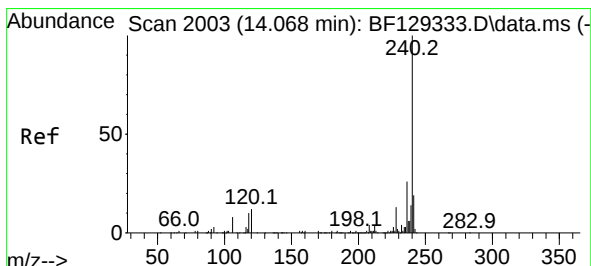
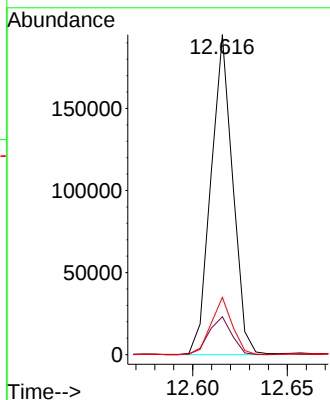
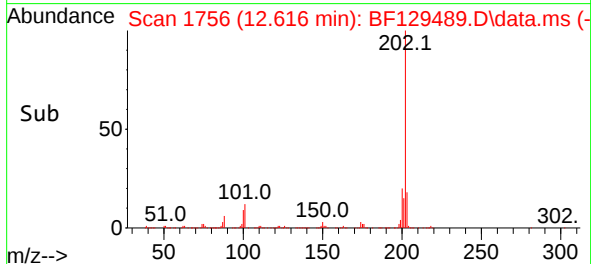
Instrument :
BNA_F
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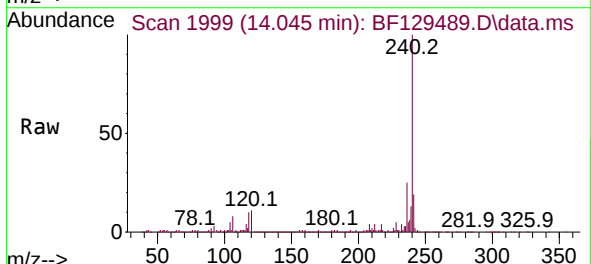
Tgt Ion:202 Resp: 156116
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
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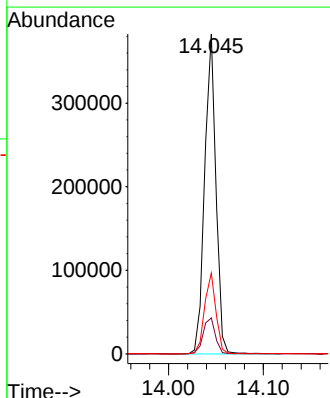
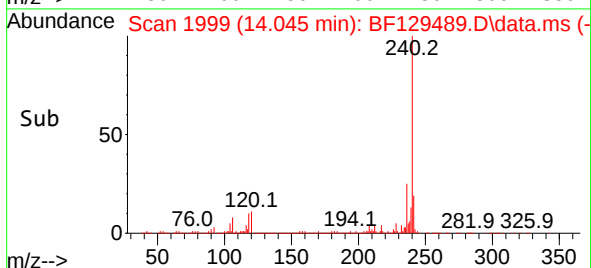
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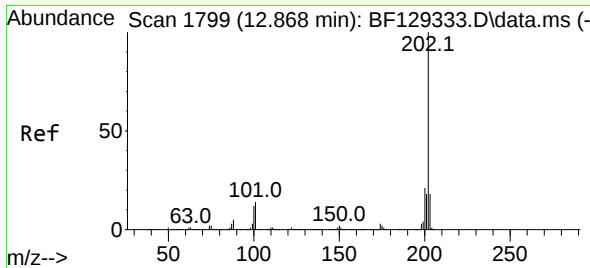


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38



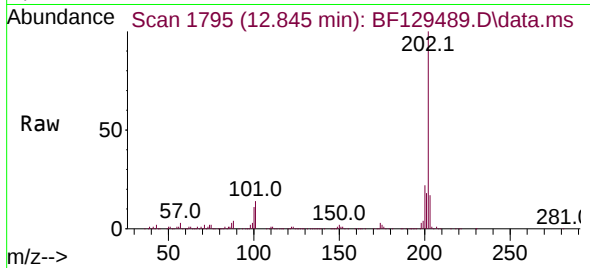
Tgt Ion:240 Resp: 317787
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.2 20.8 31.2





#78
Pyrene
Concen: 5.288 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

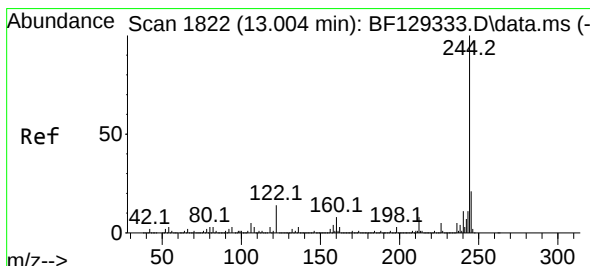
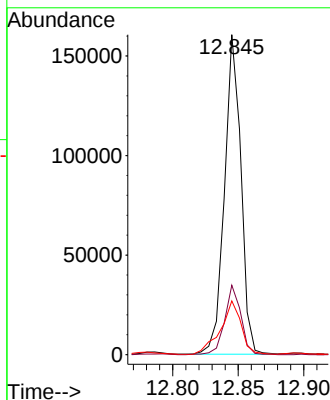
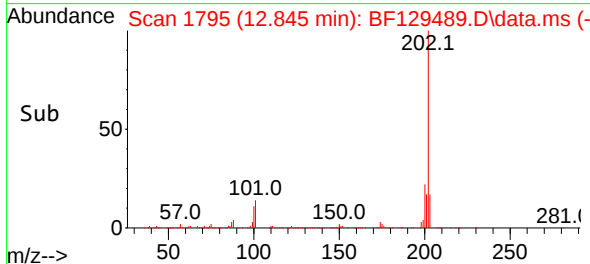
Instrument :
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RVE-64



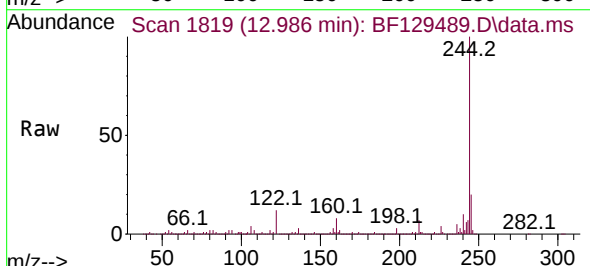
Tgt Ion:202 Resp: 140533
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 16.8 14.6 21.8

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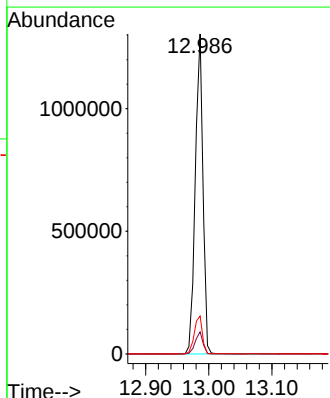
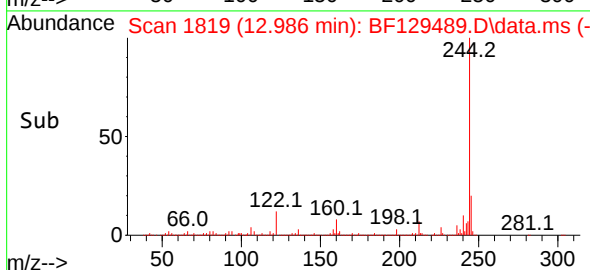
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

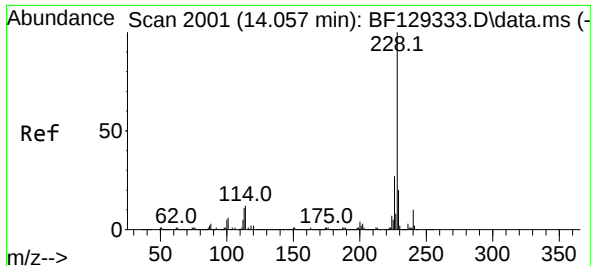


#79
Terphenyl-d14
Concen: 65.551 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38



Tgt Ion:244 Resp: 1104180
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.8 8.8 13.2





#81

Benzo(a)anthracene

Concen: 5.268 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64

Tgt Ion:228 Resp: 114368

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

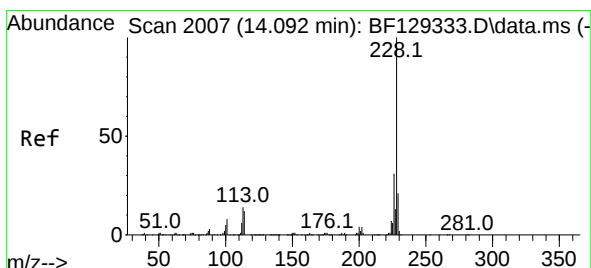
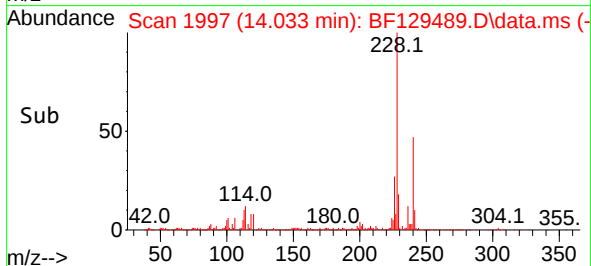
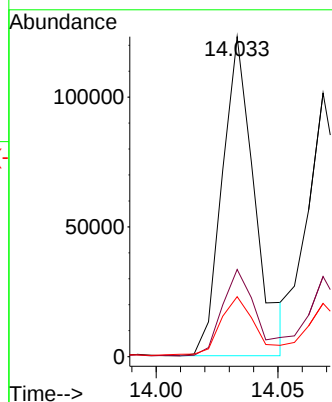
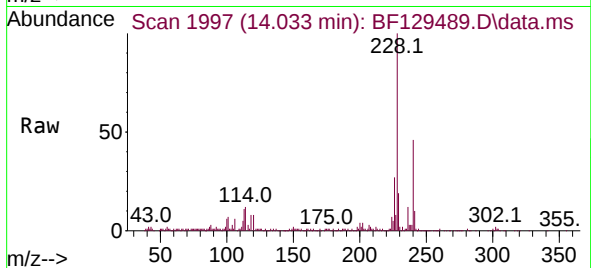
229 18.7 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#83

Chrysene

Concen: 4.711 ng

RT: 14.069 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

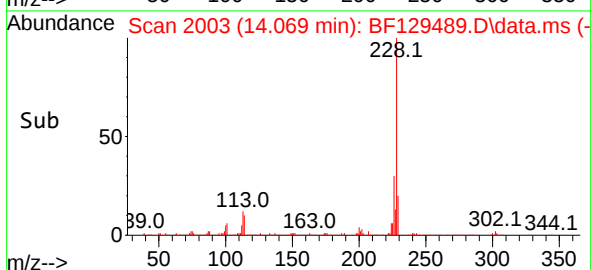
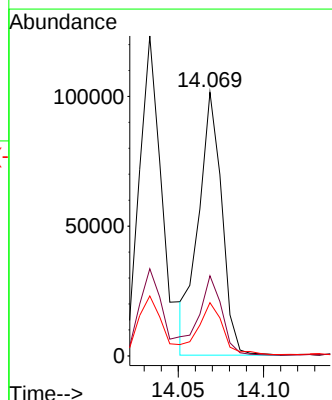
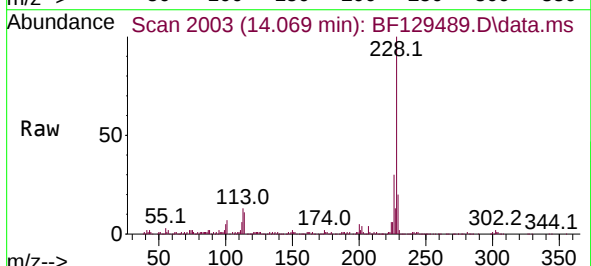
Tgt Ion:228 Resp: 96376

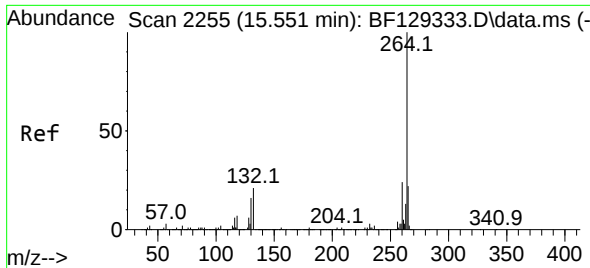
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

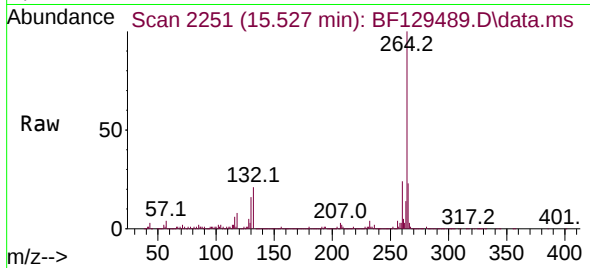
229 20.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

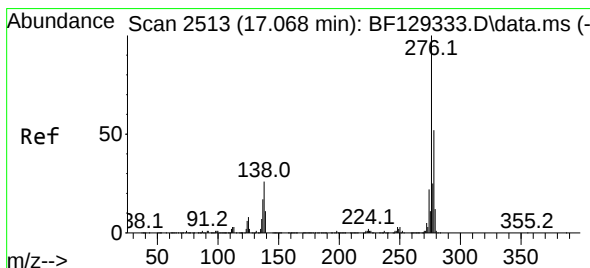
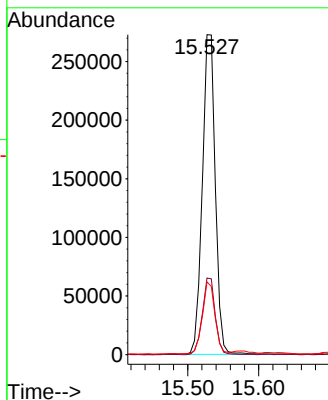
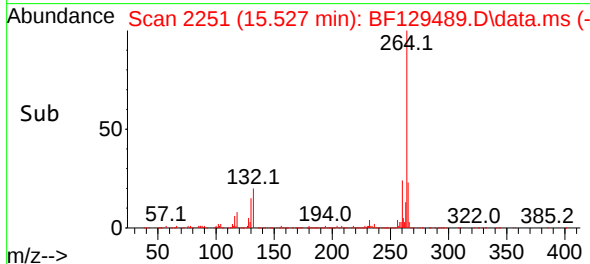
Instrument :
BNA_F
ClientSampleId :
RVE-64



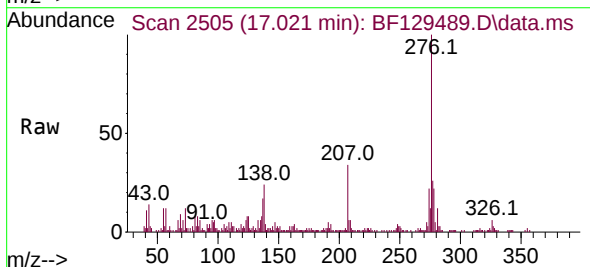
Tgt Ion:264 Resp: 343956
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.7 17.2 25.8

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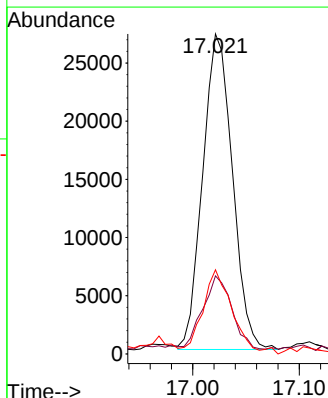
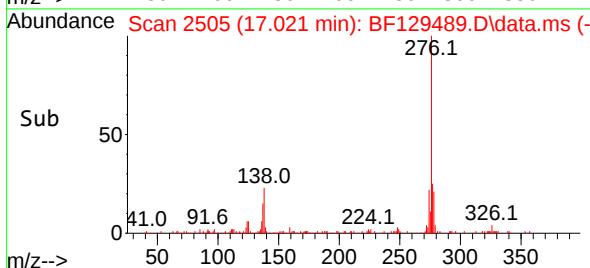
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

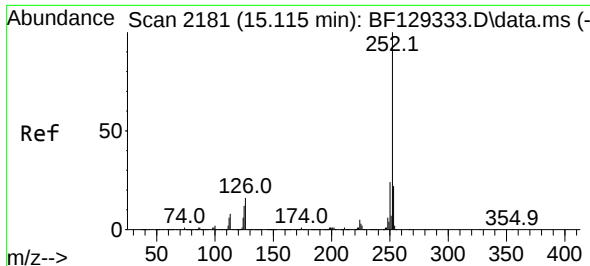


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.274 ng
RT: 17.021 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38



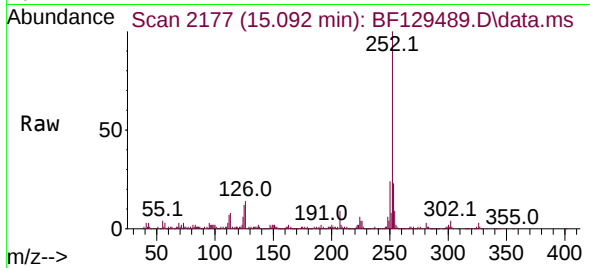
Tgt Ion:276 Resp: 52671
Ion Ratio Lower Upper
276 100
138 22.6 21.1 31.7
277 26.8 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 6.568 ng m
RT: 15.092 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

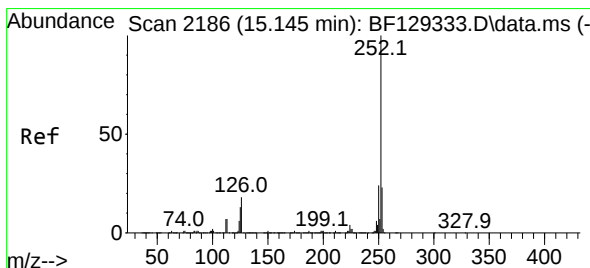
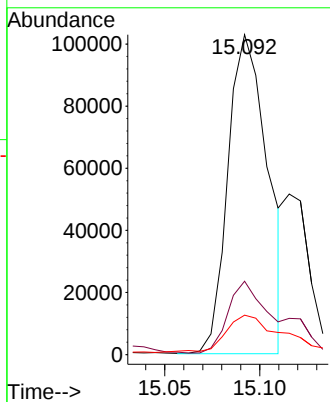
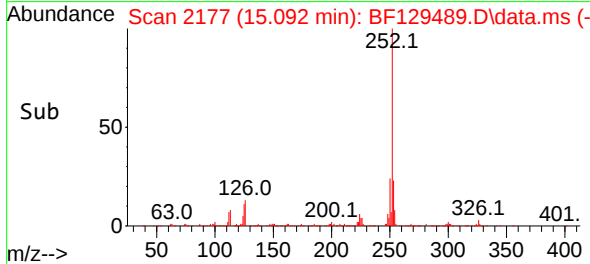
Instrument :
BNA_F
ClientSampleId :
RVE-64



Tgt Ion:252 Resp: 149860
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 12.3 8.0 12.0

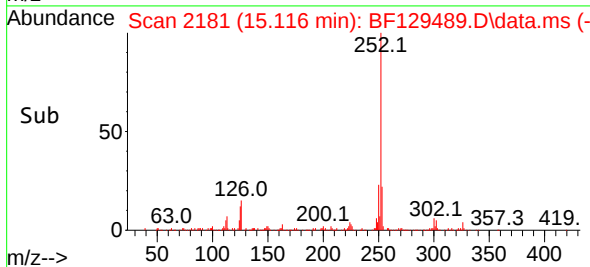
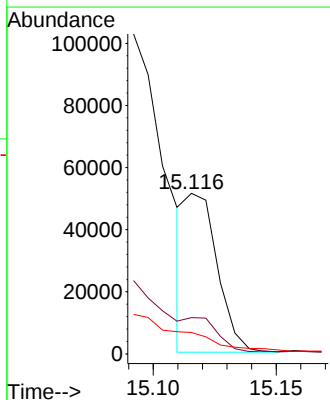
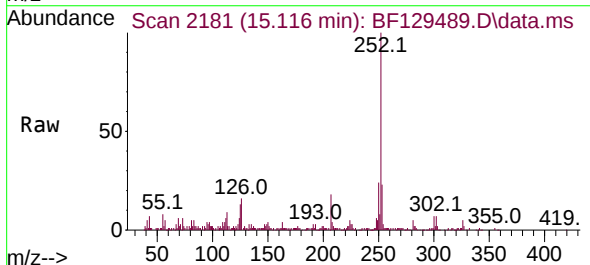
Manual Integrations
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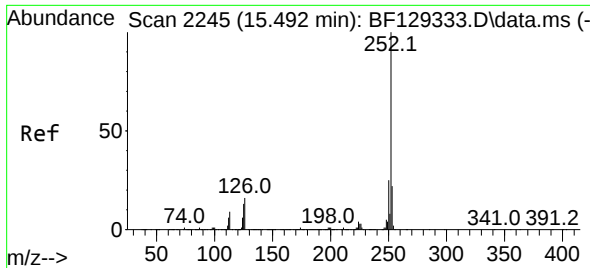
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#89
Benzo(k)fluoranthene
Concen: 2.055 ng m
RT: 15.116 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

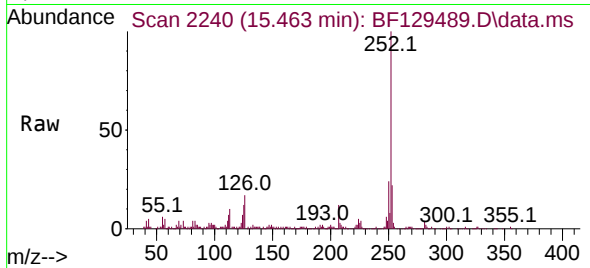
Tgt Ion:252 Resp: 45958
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 13.3 8.3 12.5





#90
Benzo(a)pyrene
Concen: 5.209 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

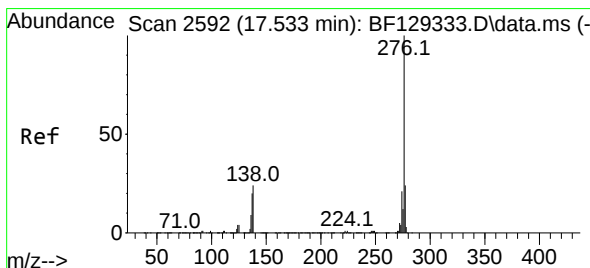
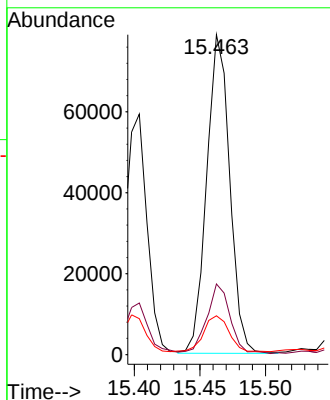
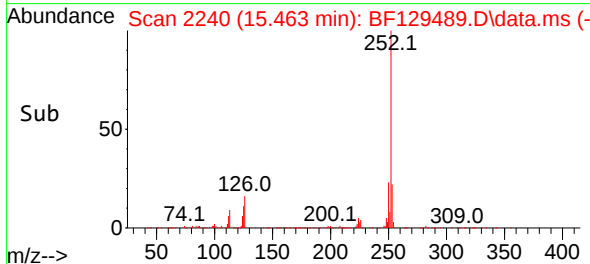
Instrument :
BNA_F
ClientSampleId :
RVE-64



Tgt Ion:252 Resp: 96479
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.1 8.8 13.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 2.444 ng
RT: 17.480 min Scan# 2583
Delta R.T. -0.012 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion:276 Resp: 47089
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 27.0 18.0 27.0#

