

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129587.D
 Acq On : 05 Aug 2022 00:52
 Operator : CG\JU
 Sample : N3931-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-129

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 02:10:55 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	159560	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	572051	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	244884	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	351743	20.000	ng	0.00
76) Chrysene-d12	14.033	240	296680	20.000	ng	0.00
86) Perylene-d12	15.515	264	237352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1212846	123.823	ng	0.01
7) Phenol-d6	6.516	99	1485477	120.656	ng	0.00
23) Nitrobenzene-d5	7.422	82	939681	89.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	281600	119.607	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1504775	95.058	ng	0.00
79) Terphenyl-d14	12.974	244	1270765	80.808	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.598	202	50681	2.605	ng	99
78) Pyrene	12.833	202	67791	2.732	ng	96
88) Benzo(b)fluoranthene	15.074	252	32371m	2.056	ng	

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

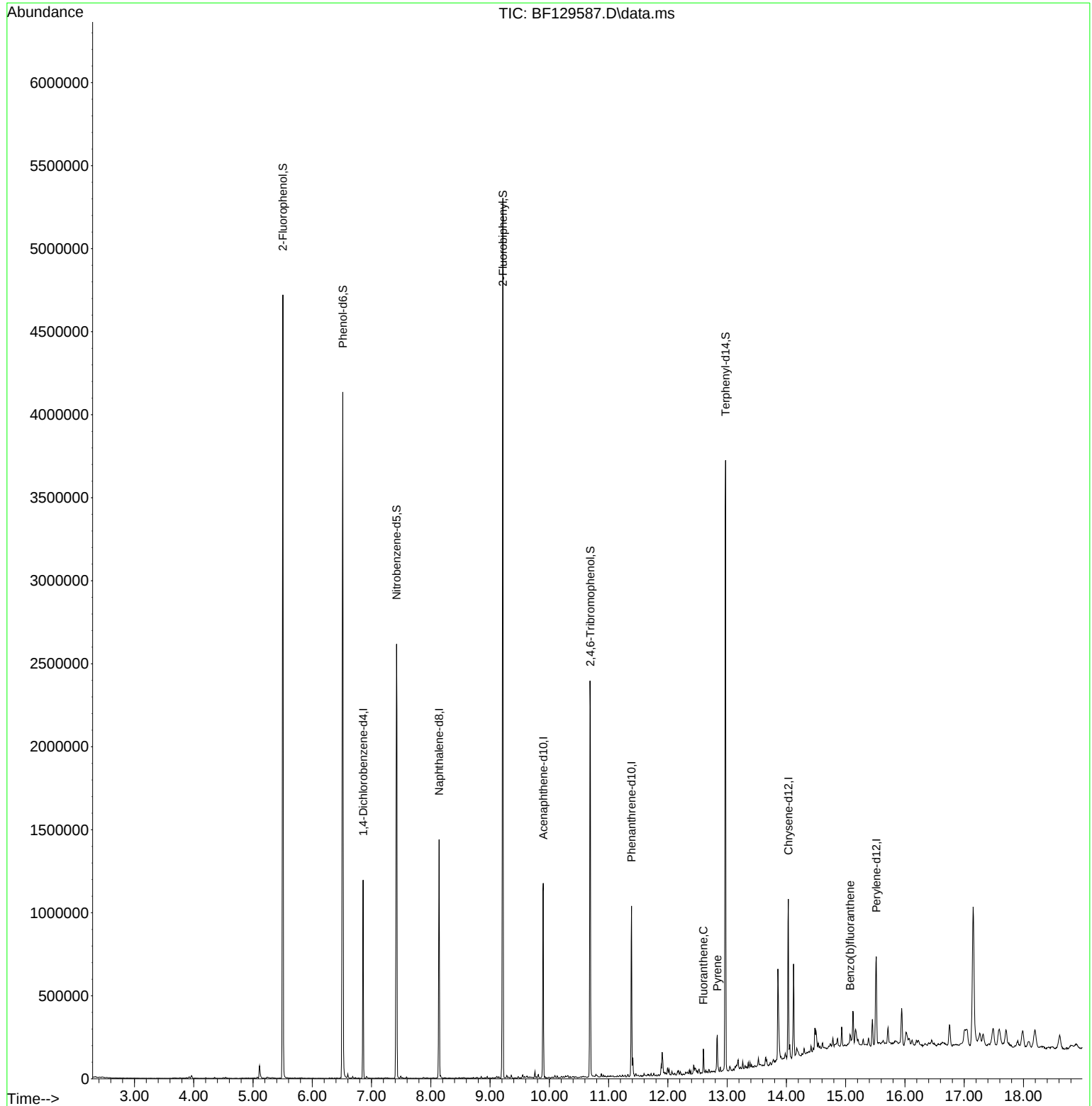
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129587.D
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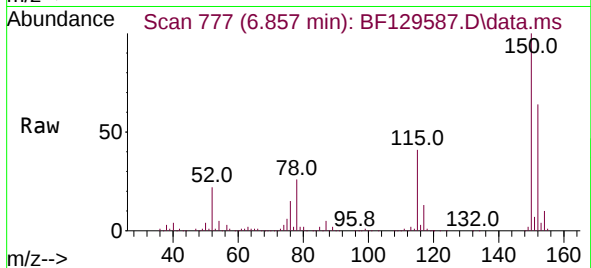
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

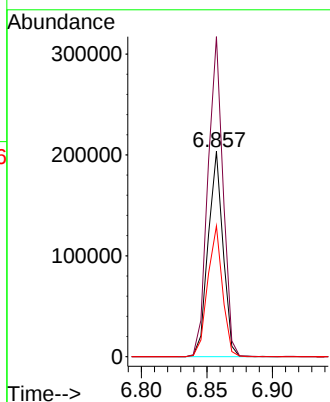
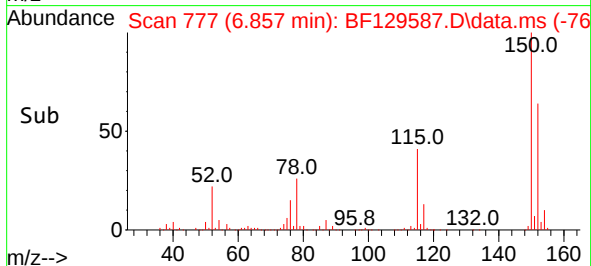
Instrument :
BNA_F
ClientSampleId :
RVE-129



Tgt Ion:152 Resp: 159560
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 63.7 49.9 74.9

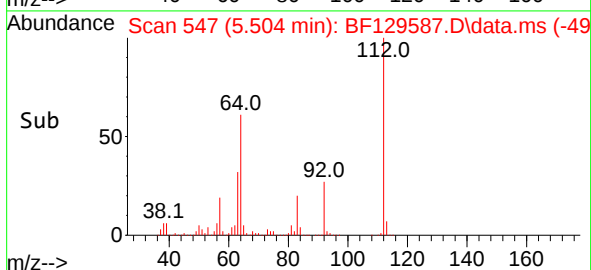
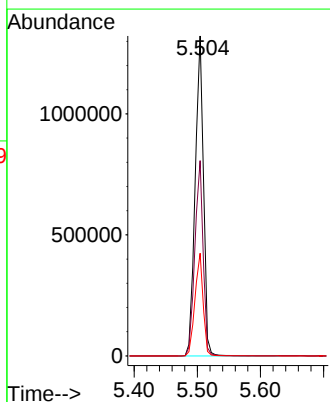
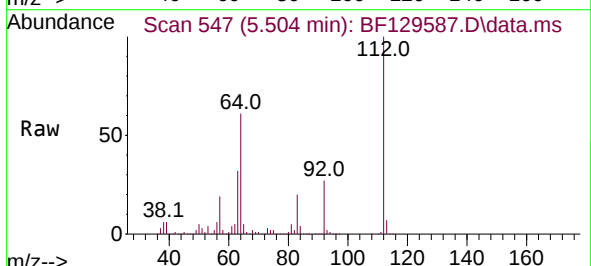
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#5
2-Fluorophenol
Concen: 123.823 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

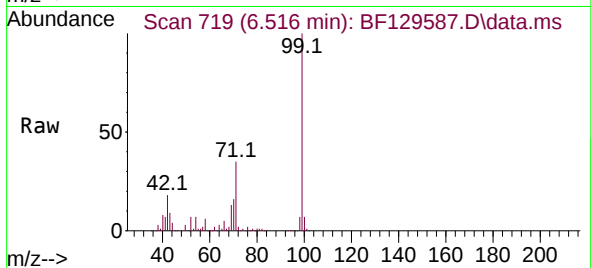
Tgt Ion:112 Resp: 1212846
Ion Ratio Lower Upper
112 100
64 61.0 53.3 79.9
63 32.1 28.0 42.0





#7
Phenol-d6
Concen: 120.656 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

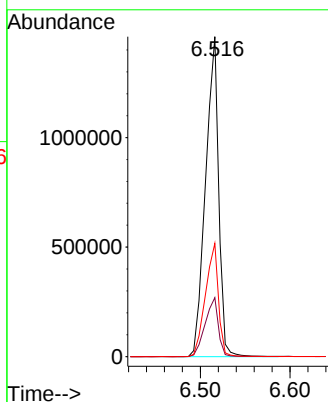
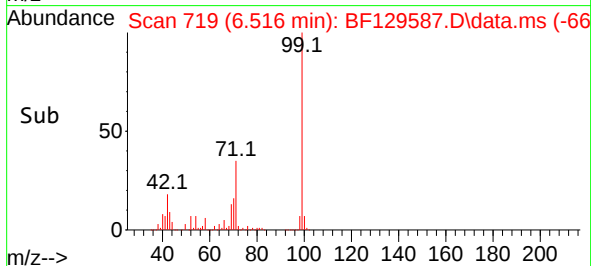
Instrument :
BNA_F
ClientSampleId :
RVE-129



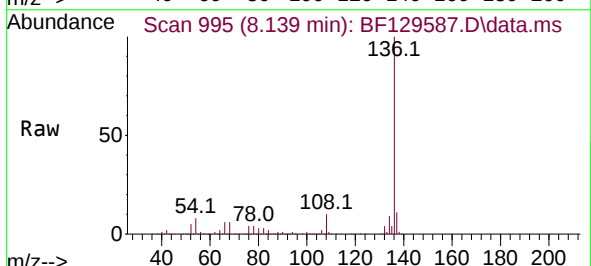
Tgt Ion: 99 Resp: 148547
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.4 28.9 43.3

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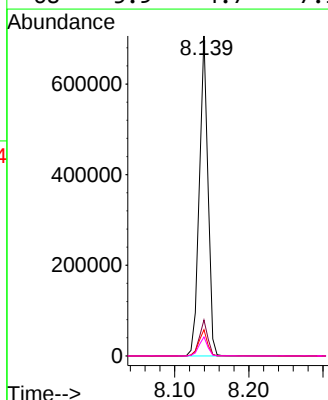
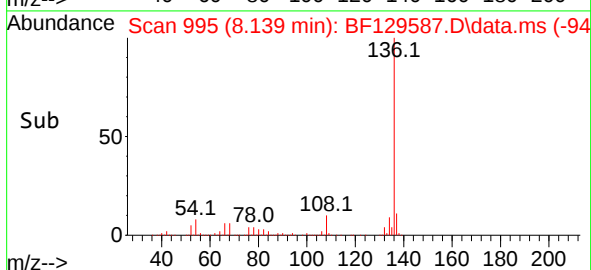
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52



Tgt Ion:136 Resp: 572051
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 89.670 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129587.D

Acq: 05 Aug 2022 00:52

Instrument :

BNA_F

ClientSampleId :

RVE-129

Tgt Ion: 82 Resp: 93968

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

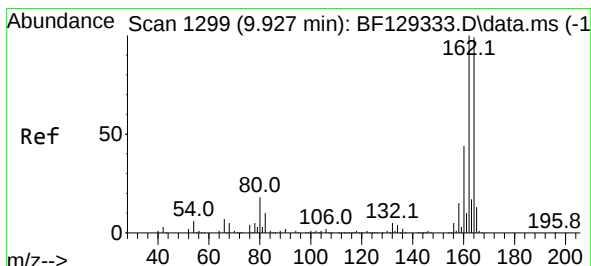
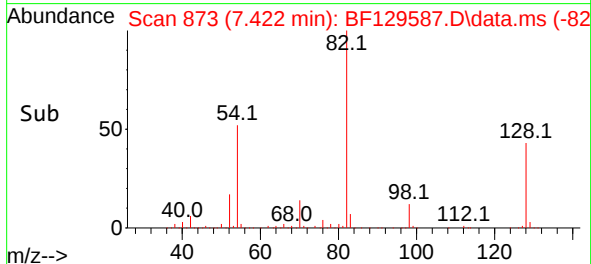
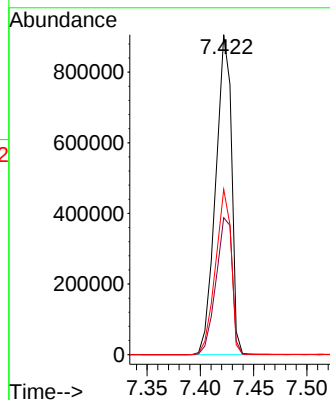
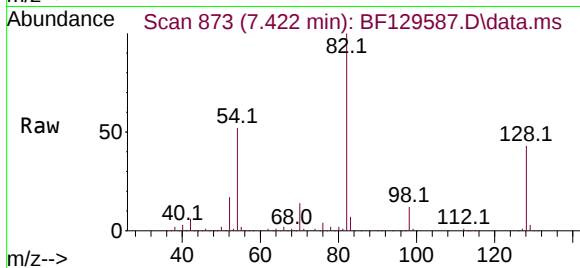
54 51.6 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF129587.D

Acq: 05 Aug 2022 00:52

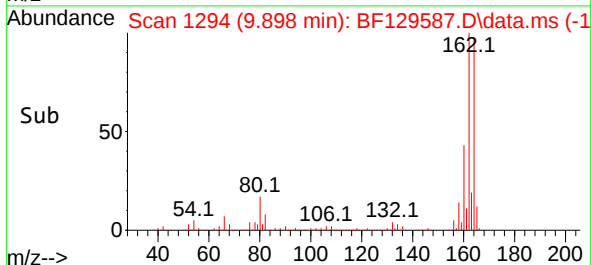
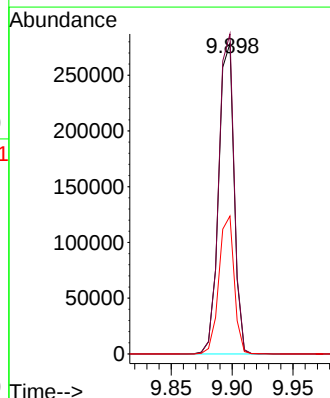
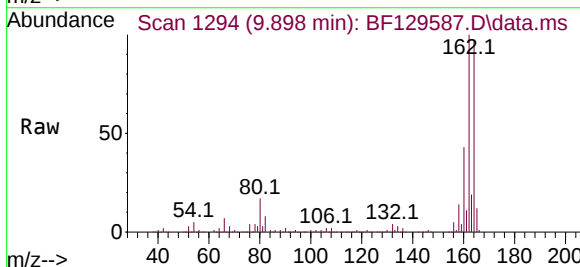
Tgt Ion:164 Resp: 244884

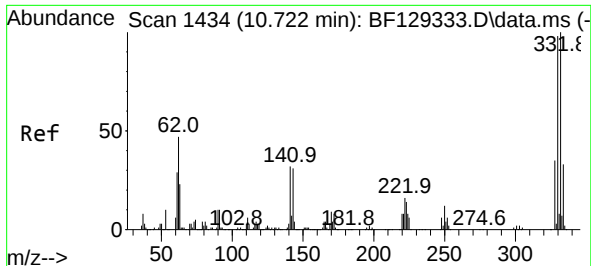
Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

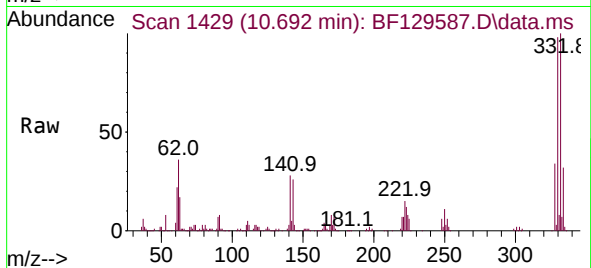
160 44.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 119.607 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

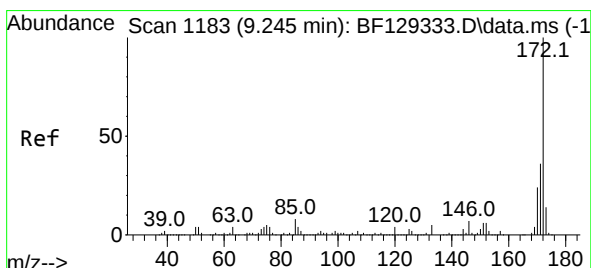
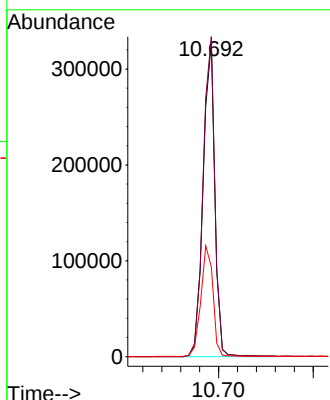
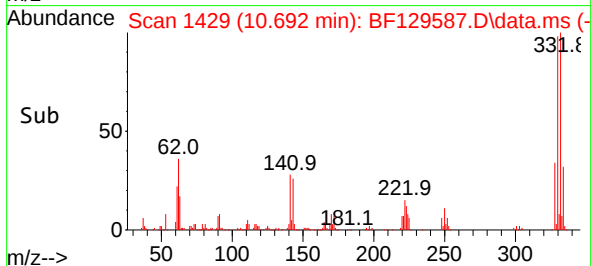
Instrument :
BNA_F
ClientSampleId :
RVE-129



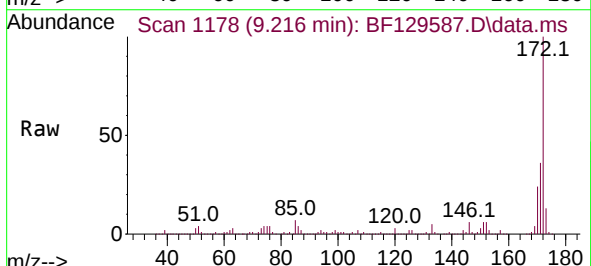
Tgt Ion: 330 Resp: 281600
Ion Ratio Lower Upper
330 100
332 102.1 76.8 115.2
141 36.2 28.0 42.0

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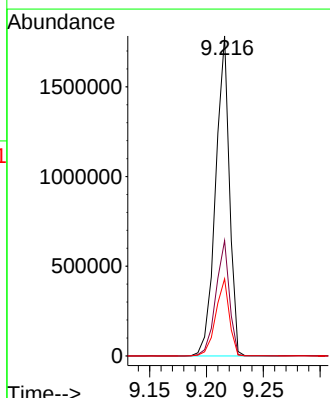
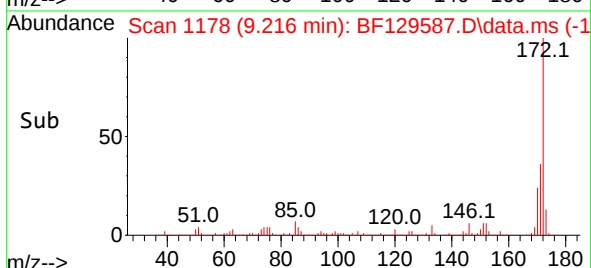
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 95.058 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52



Tgt Ion: 172 Resp: 1504775
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.1 19.8 29.8





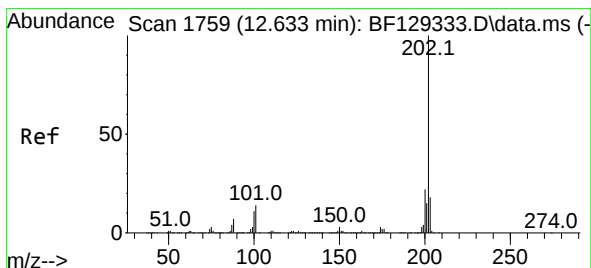
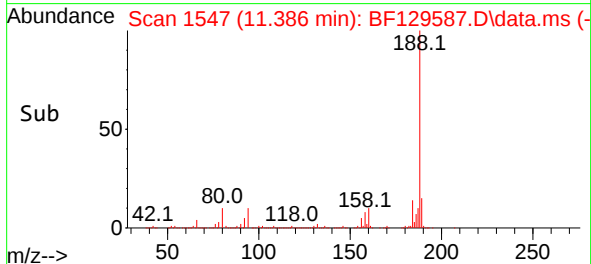
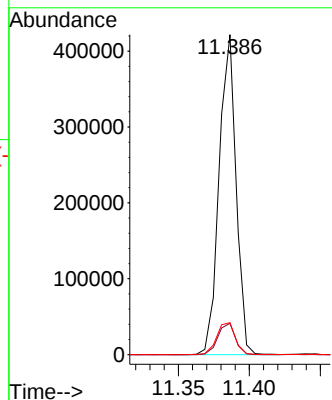
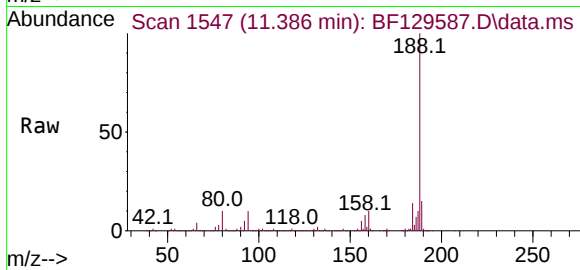
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Instrument :
BNA_F
ClientSampleId :
RVE-129

Tgt Ion:188 Resp: 351743
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.6 11.4

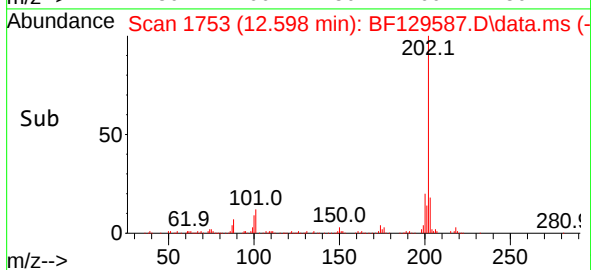
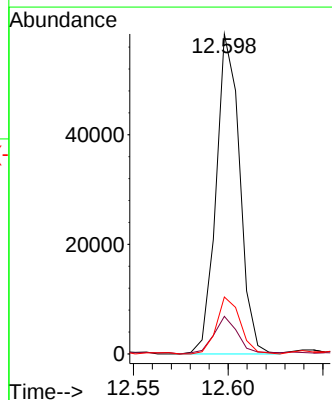
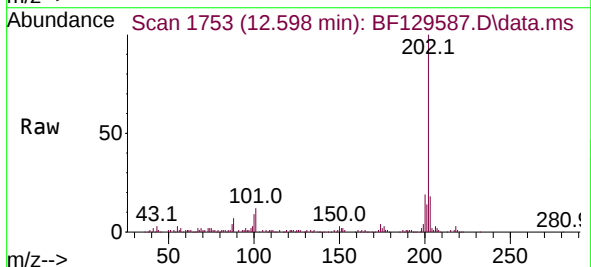
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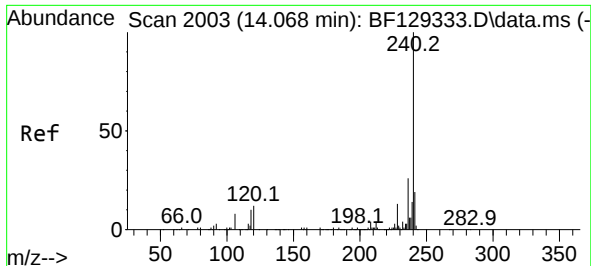
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 2.605 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

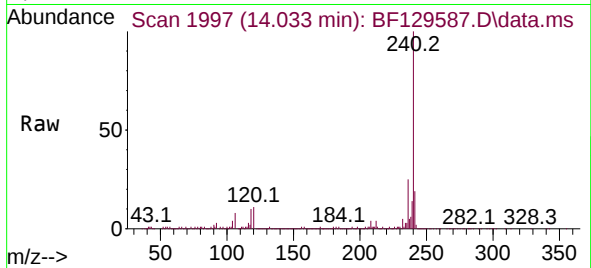
Tgt Ion:202 Resp: 50681
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

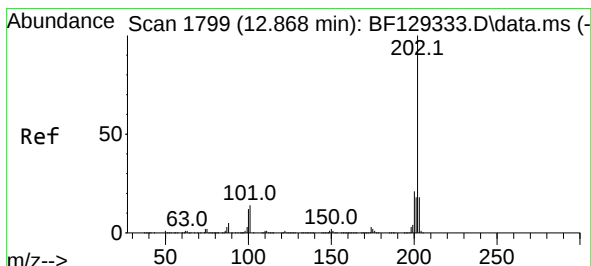
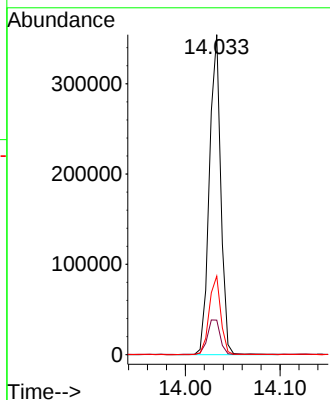
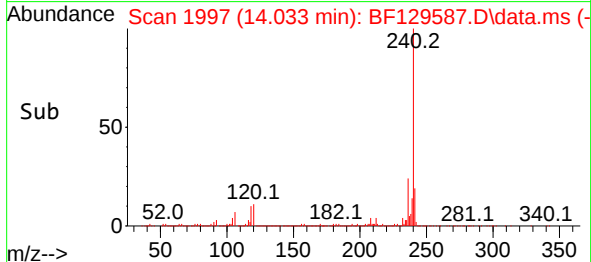
Instrument :
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RVE-129



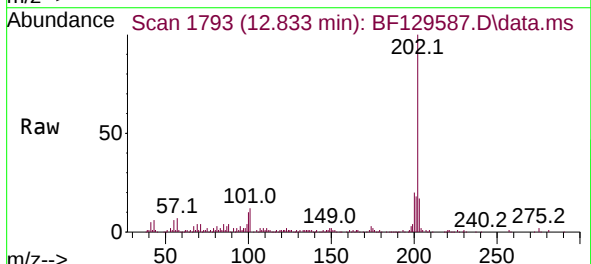
Tgt Ion:240 Resp: 296680
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 24.5 20.8 31.2

Manual Integrations
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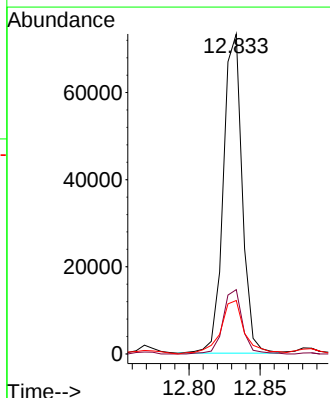
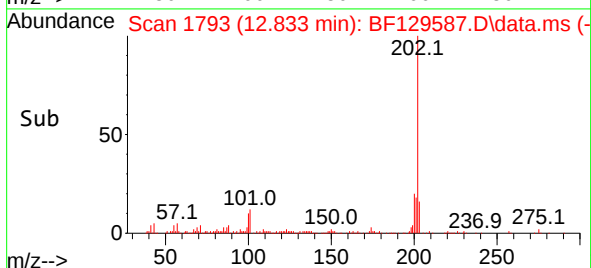
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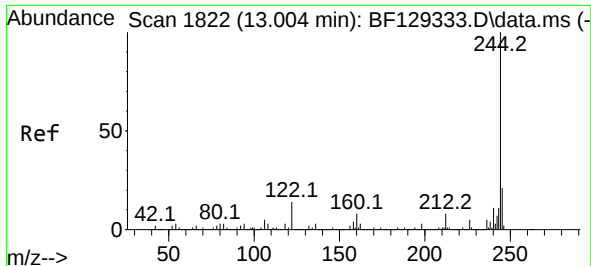


#78
Pyrene
Concen: 2.732 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52



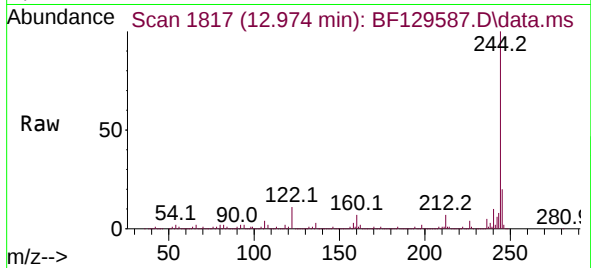
Tgt Ion:202 Resp: 67791
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 16.7 14.6 21.8





#79
Terphenyl-d14
Concen: 80.808 ng
RT: 12.974 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

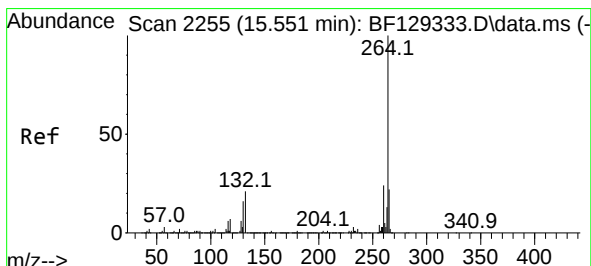
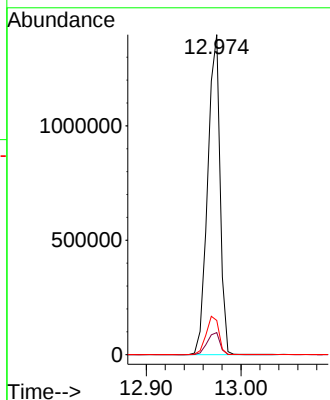
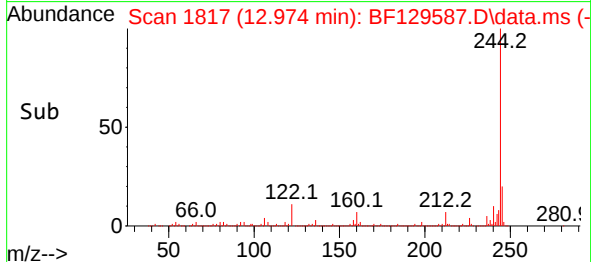
Instrument :
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RVE-129



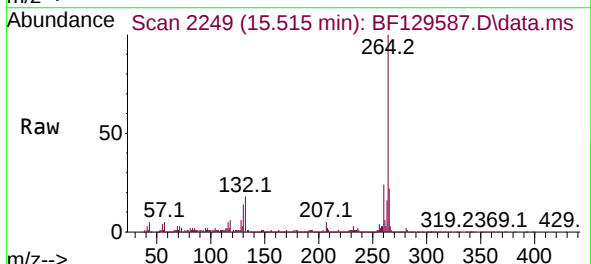
Tgt Ion:244 Resp: 1270765
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.7 8.8 13.2

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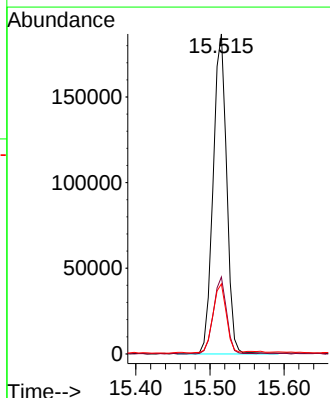
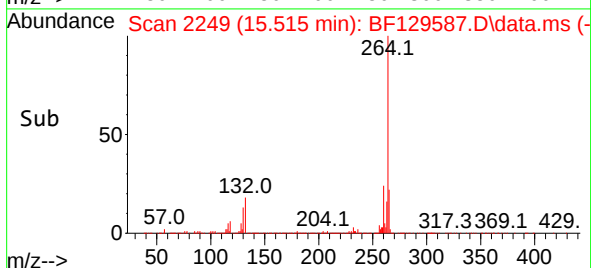
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

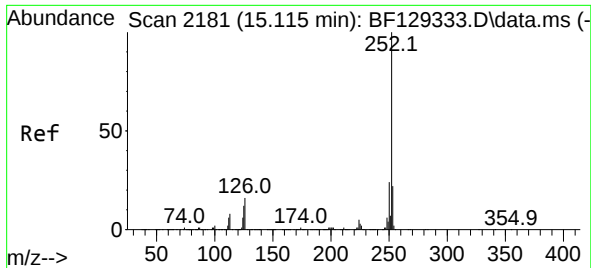


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52



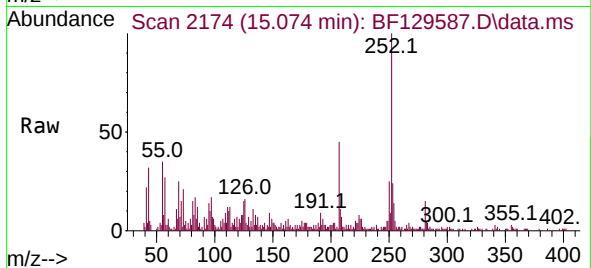
Tgt Ion:264 Resp: 237352
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.9 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.056 ng m
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Instrument :
BNA_F
ClientSampleId :
RVE-129



Tgt Ion:252 Resp: 3237
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 15.1 8.0 12.0

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