

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129578.D
 Acq On : 04 Aug 2022 19:49
 Operator : CG\JU
 Sample : N3998-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 02:09:40 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	183104	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	698908	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	331790	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	460716	20.000	ng	0.00
76) Chrysene-d12	14.027	240	295913	20.000	ng	-0.01
86) Perylene-d12	15.509	264	306556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1146088	101.963	ng	0.00
7) Phenol-d6	6.504	99	1397634	98.924	ng	-0.01
23) Nitrobenzene-d5	7.422	82	880823	68.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	292389	91.661	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1464420	68.278	ng	0.00
79) Terphenyl-d14	12.968	244	975616	62.200	ng	-0.01
Target Compounds						
75) Fluoranthene	12.598	202	59686	2.342	ng	99
78) Pyrene	12.827	202	50479	2.040	ng	99
88) Benzo(b)fluoranthene	15.074	252	54083m	2.660	ng	

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

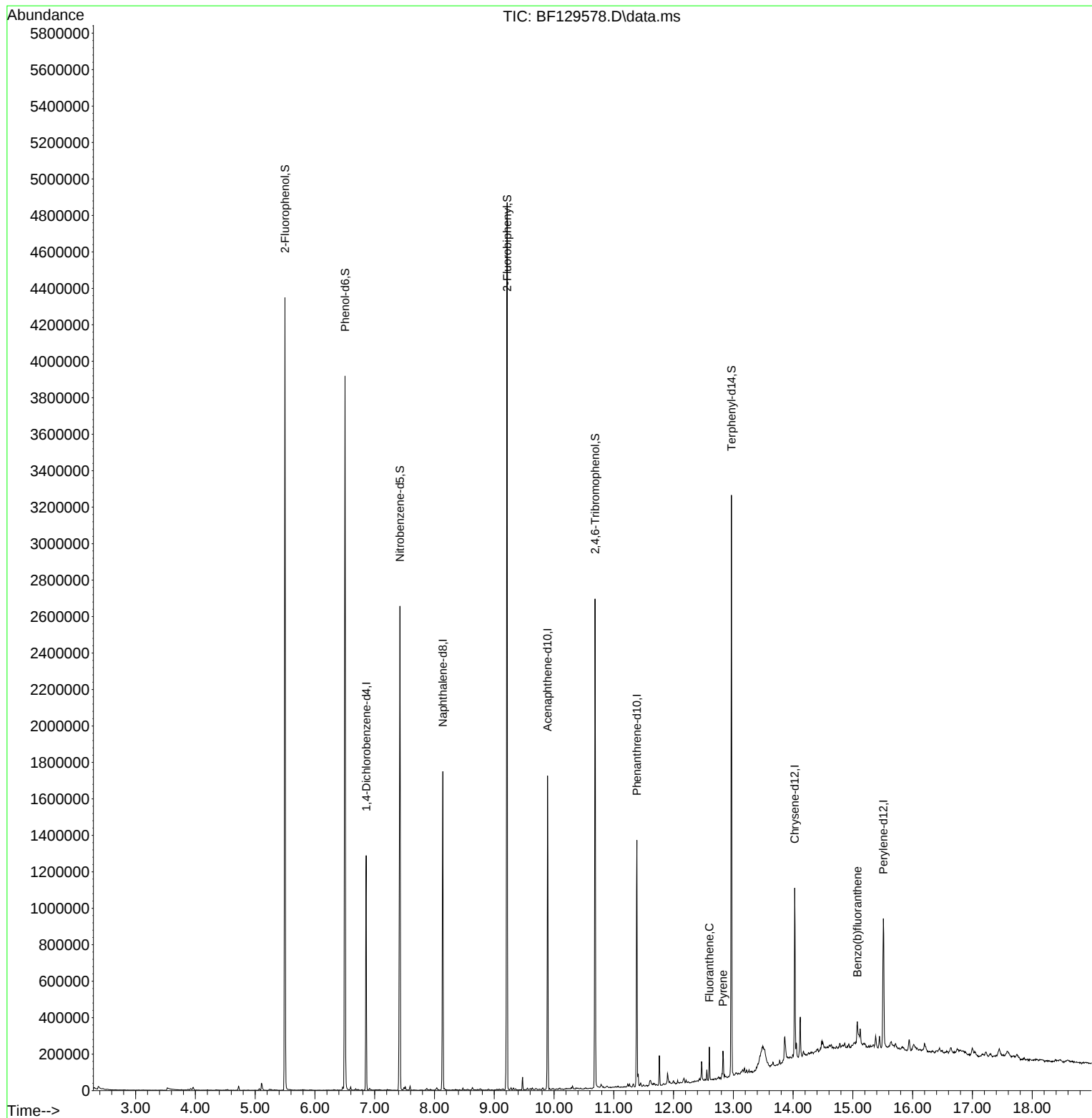
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129578.D
Acq On : 04 Aug 2022 19:49
Operator : CG\JU
Sample : N3998-11
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ALS Vial : 8 Sample Multiplier: 1

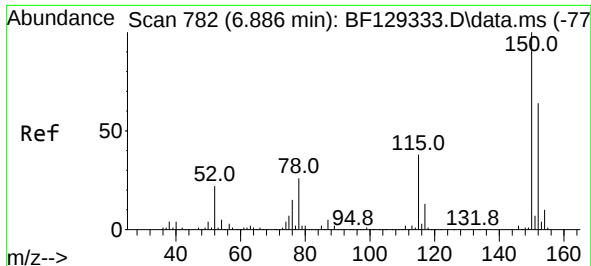
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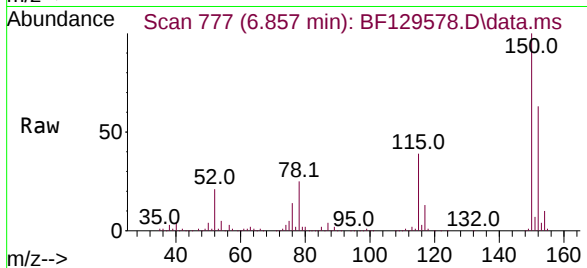
Quant Time: Aug 05 02:09:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

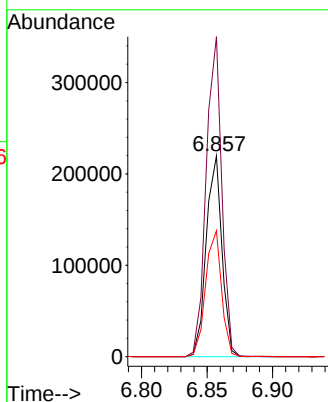
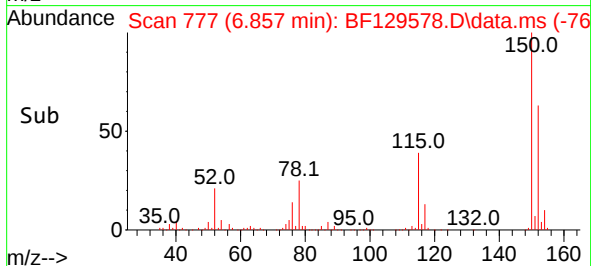
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion:152 Resp: 183104
Ion Ratio Lower Upper
152 100
150 159.4 123.7 185.5
115 62.7 49.9 74.9

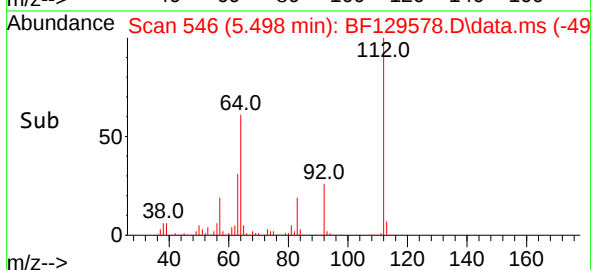
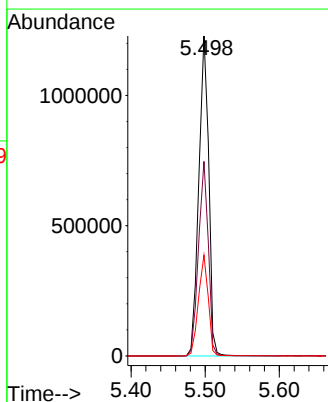
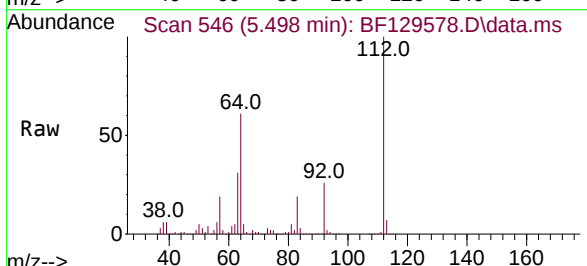
Manual Integrations
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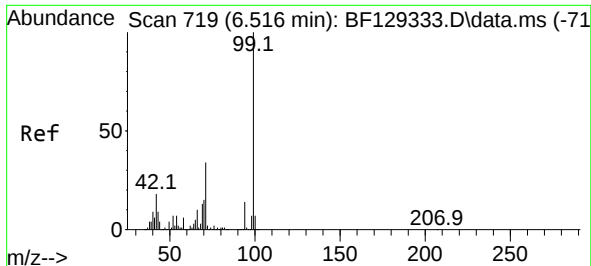
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 101.963 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

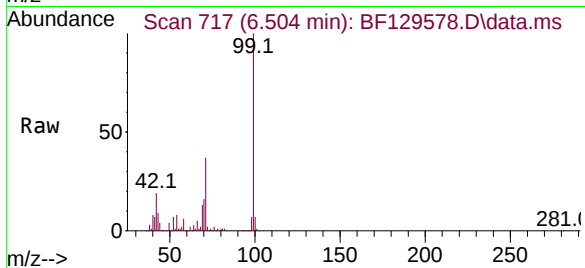
Tgt Ion:112 Resp: 1146088
Ion Ratio Lower Upper
112 100
64 60.8 53.3 79.9
63 31.5 28.0 42.0





#7
Phenol-d6
Concen: 98.924 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

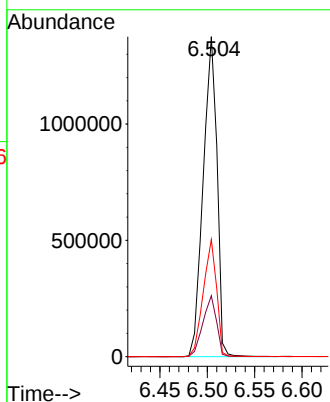
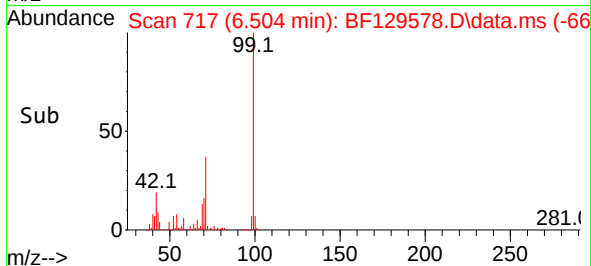
Instrument :
BNA_F
ClientSampleId :
DW-1



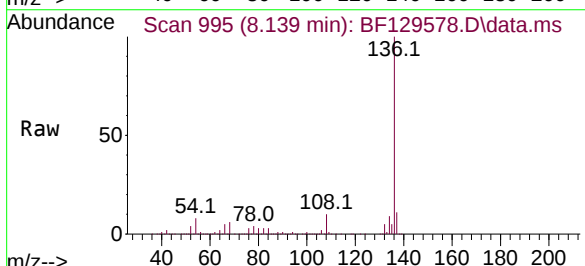
Tgt Ion: 99 Resp: 1397634
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 36.6 28.9 43.3

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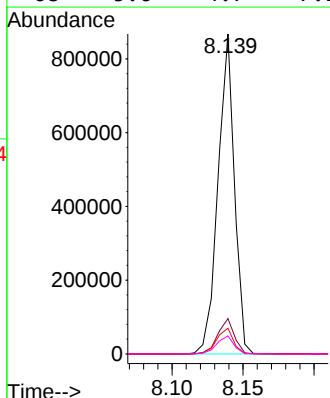
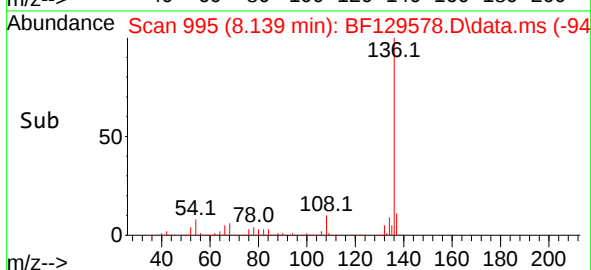
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49



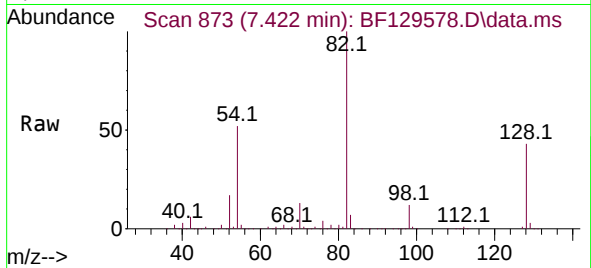
Tgt Ion:136 Resp: 698908
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 68.797 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

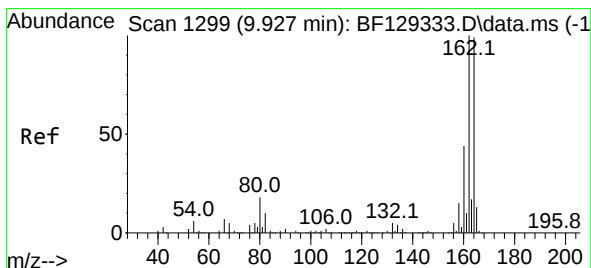
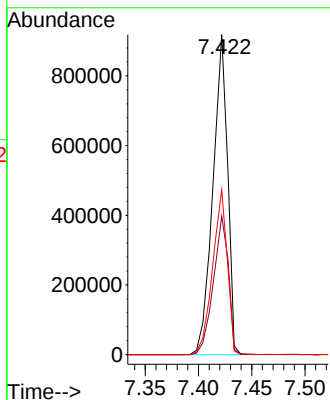
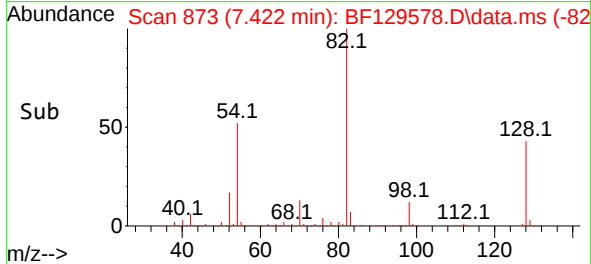
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion: 82 Resp: 880823
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 51.5 46.9 70.3

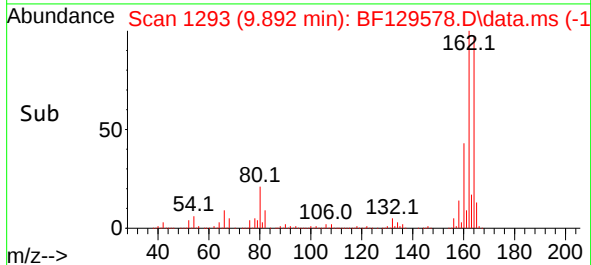
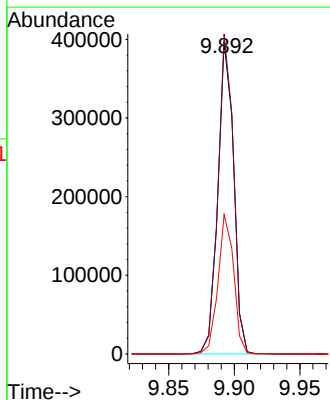
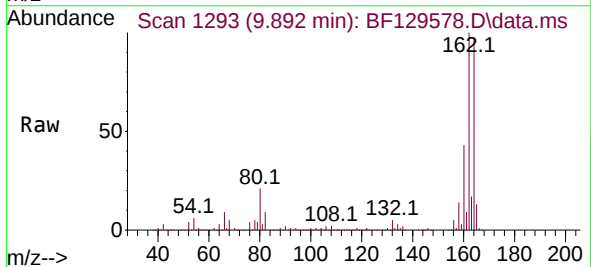
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion:164 Resp: 331790
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.6 34.2 51.4





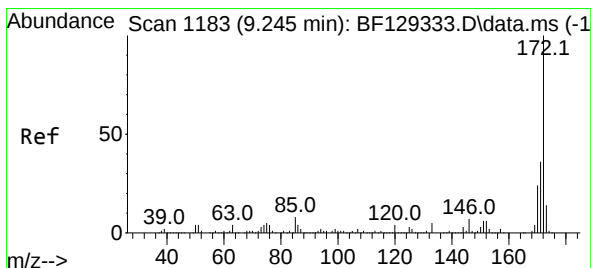
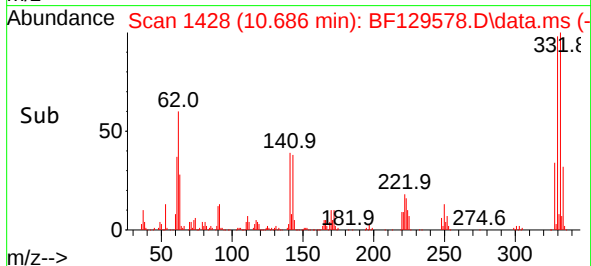
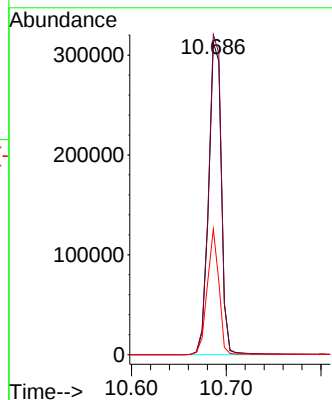
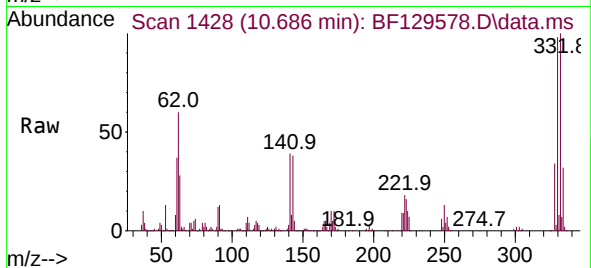
#42
2,4,6-Tribromophenol
Concen: 91.661 ng
RT: 10.686 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion: 330 Resp: 292389
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 36.5 28.0 42.0

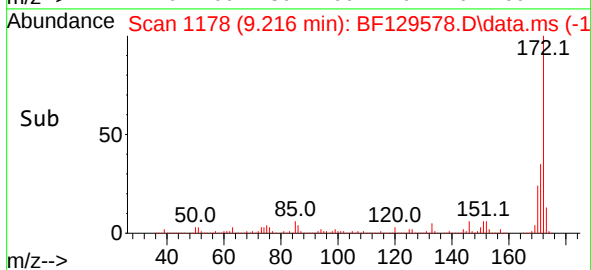
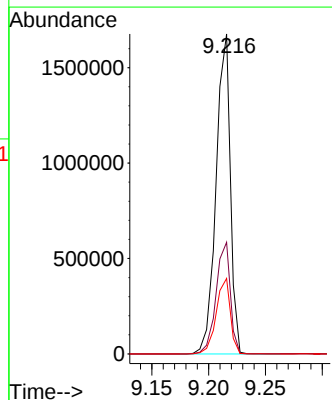
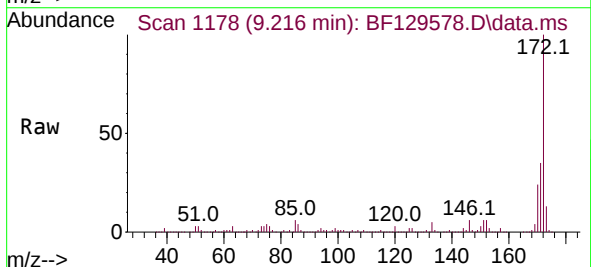
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#45
2-Fluorobiphenyl
Concen: 68.278 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion: 172 Resp: 1464420
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.6 19.8 29.8





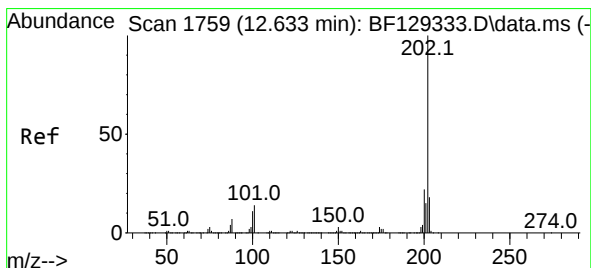
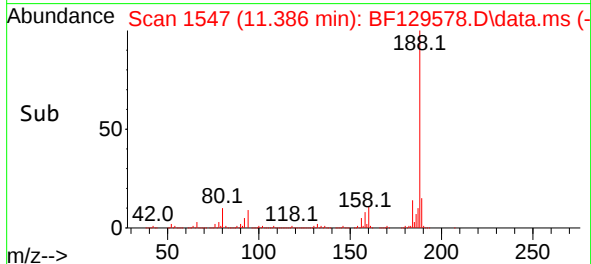
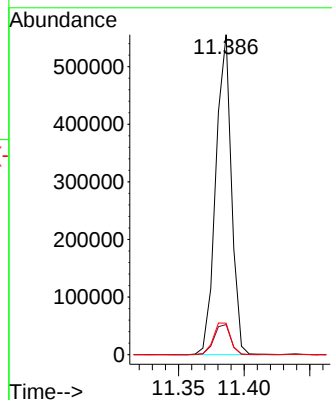
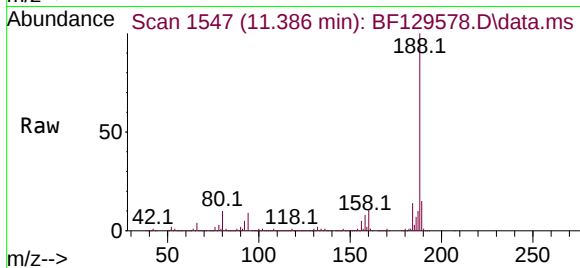
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion:188 Resp: 460716
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.8 7.6 11.4

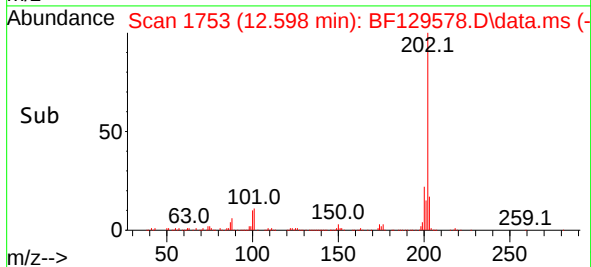
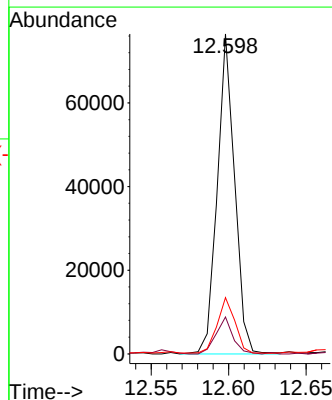
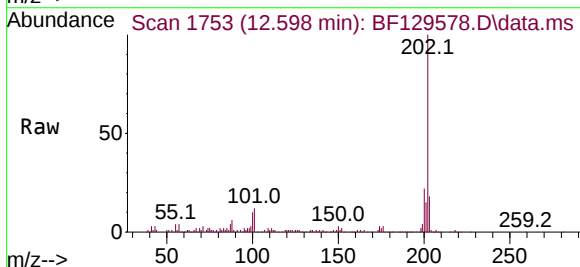
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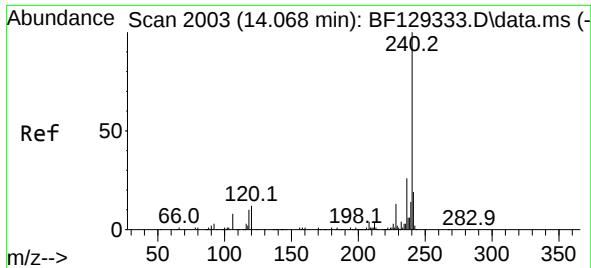
Reviewed By :Christian Giraldo 08/05/2022
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#75
Fluoranthene
Concen: 2.342 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

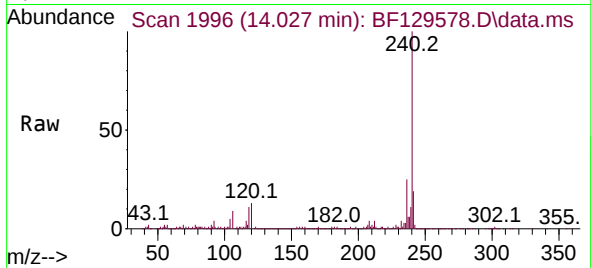
Tgt Ion:202 Resp: 59686
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

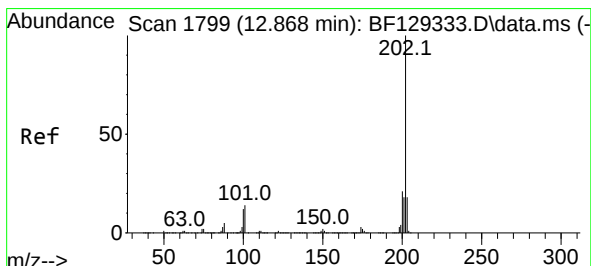
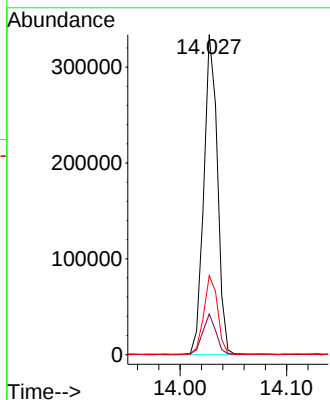
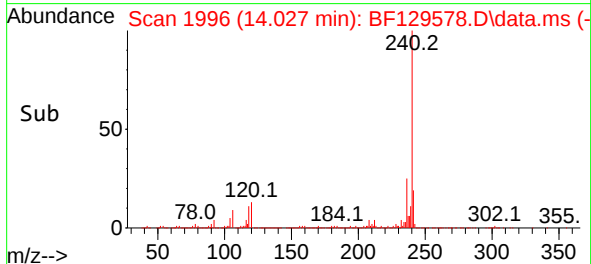
Instrument :
BNA_F
ClientSampleId :
DW-1



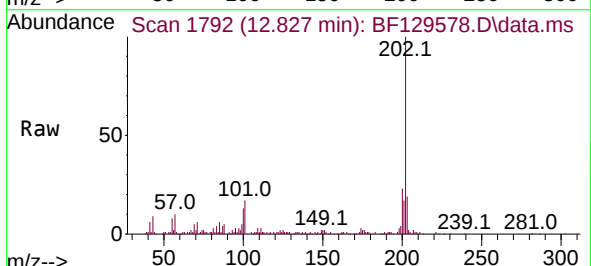
Tgt Ion:240 Resp: 295913
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 24.7 20.8 31.2

Manual Integrations
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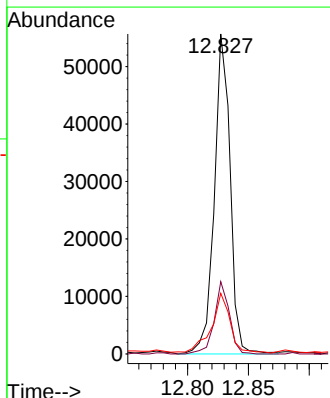
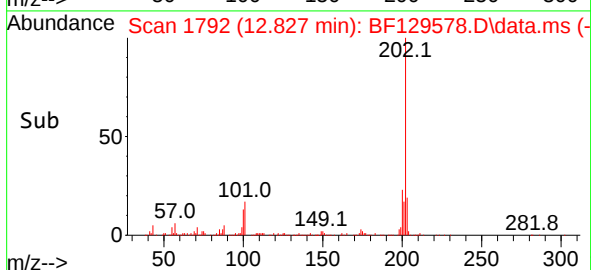
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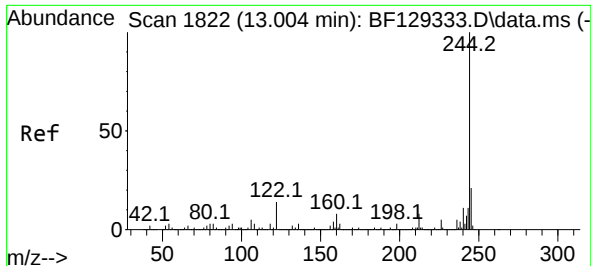


#78
Pyrene
Concen: 2.040 ng
RT: 12.827 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49



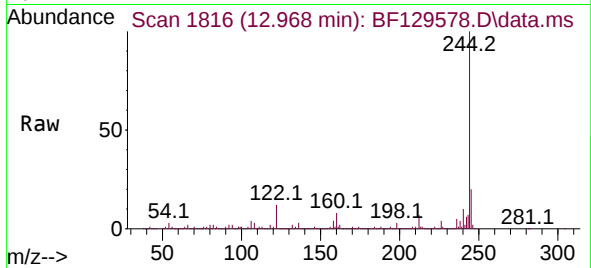
Tgt Ion:202 Resp: 50479
Ion Ratio Lower Upper
202 100
200 22.6 17.7 26.5
203 18.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 62.200 ng
 RT: 12.968 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129578.D
 Acq: 04 Aug 2022 19:49

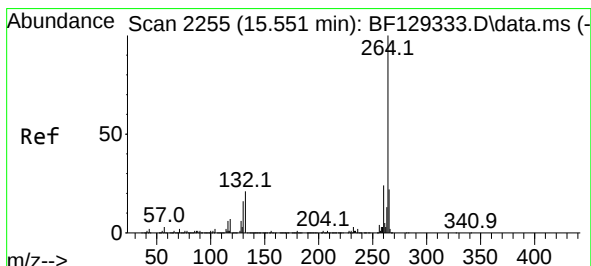
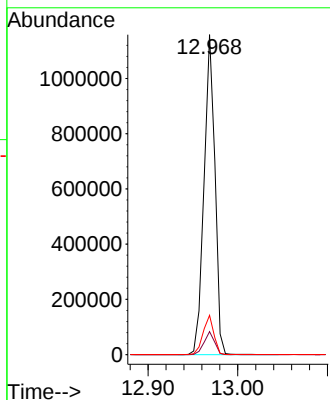
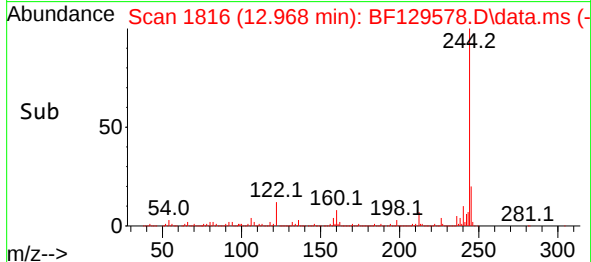
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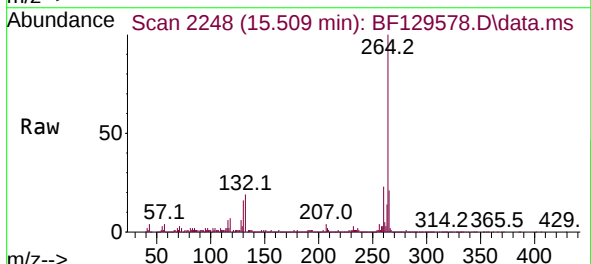
Tgt Ion:244 Resp: 975616
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.3 8.8 13.2

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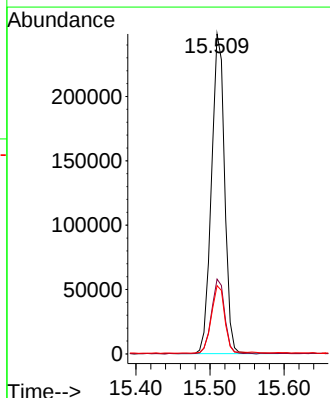
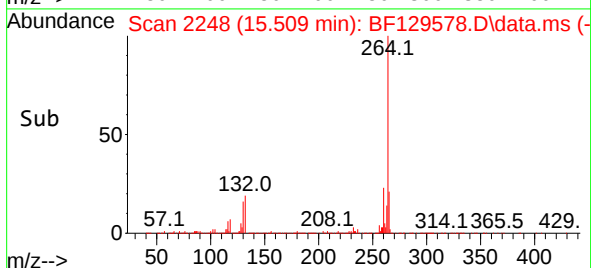
Reviewed By :Christian Giraldo 08/05/2022
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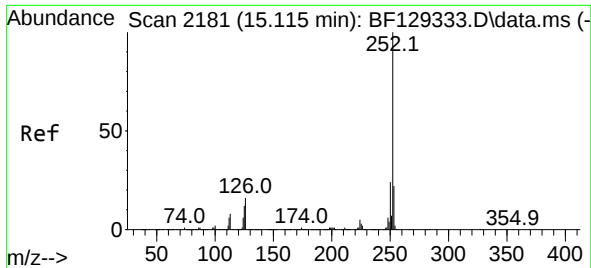


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF129578.D
 Acq: 04 Aug 2022 19:49



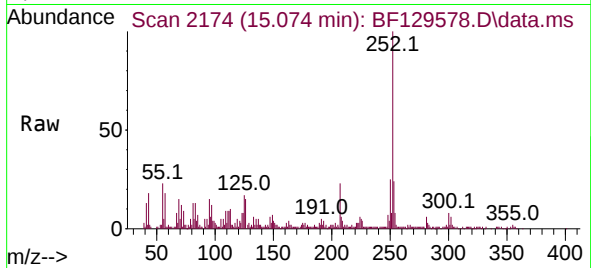
Tgt Ion:264 Resp: 306556
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.3 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.660 ng m
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion:252 Resp: 54083
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 16.8 8.0 12.0

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