

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129553.D
 Acq On : 03 Aug 2022 22:11
 Operator : CG\JU
 Sample : N3998-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 02:21:02 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	127726	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	459090	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	192520	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	262629	20.000	ng	0.00
76) Chrysene-d12	14.039	240	286439	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	280288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	804514	102.607	ng	0.00
7) Phenol-d6	6.516	99	954883	96.890	ng	0.00
23) Nitrobenzene-d5	7.434	82	590366	70.198	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	158350	85.551	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	923140	74.177	ng	0.00
79) Terphenyl-d14	12.980	244	758840	49.980	ng	0.00
Target Compounds						
75) Fluoranthene	12.610	202	43934	3.025	ng	Qvalue 97
88) Benzo(b)fluoranthene	15.086	252	52689m	2.834	ng	

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

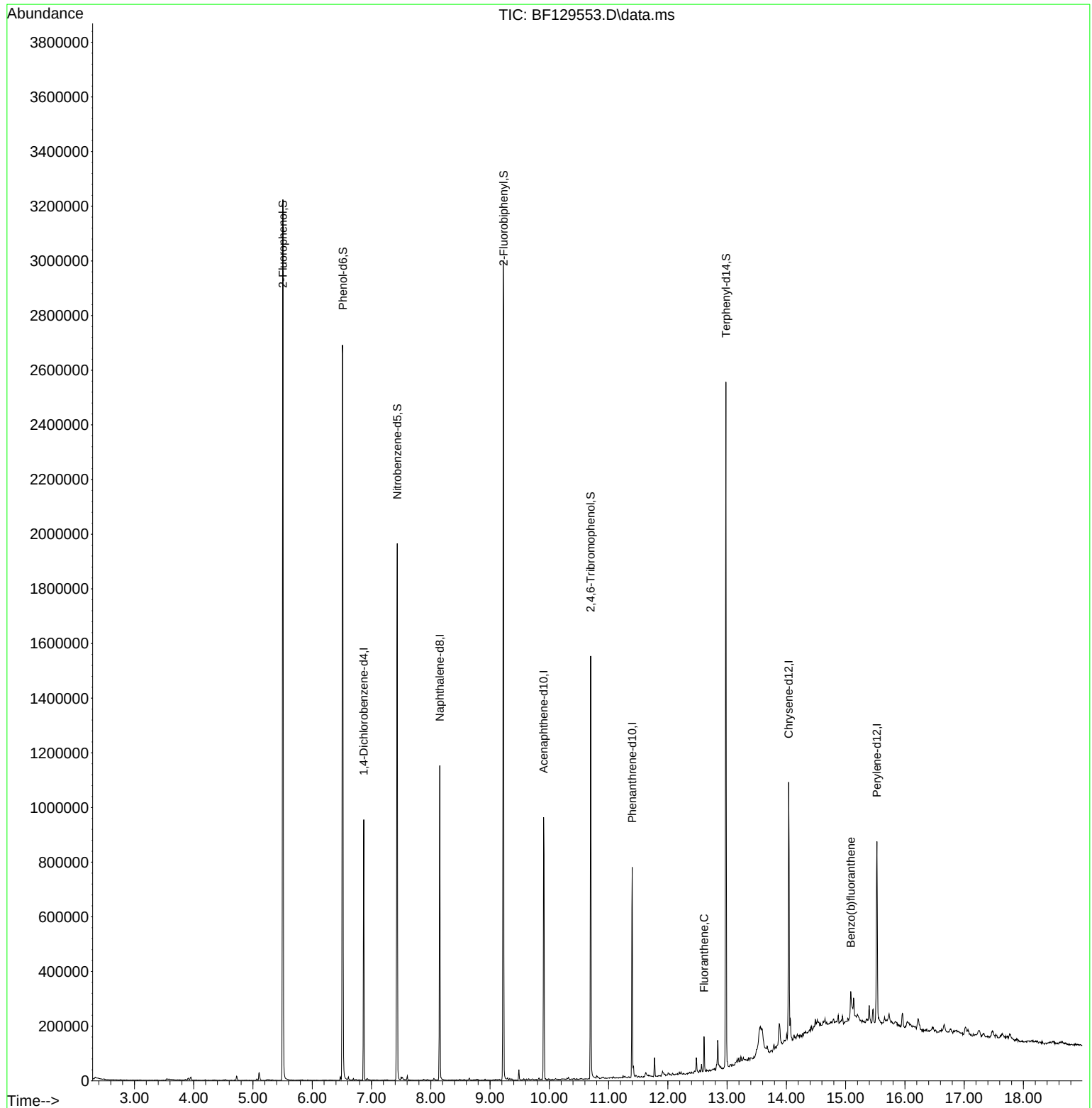
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129553.D
Acq On : 03 Aug 2022 22:11
Operator : CG\JU
Sample : N3998-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

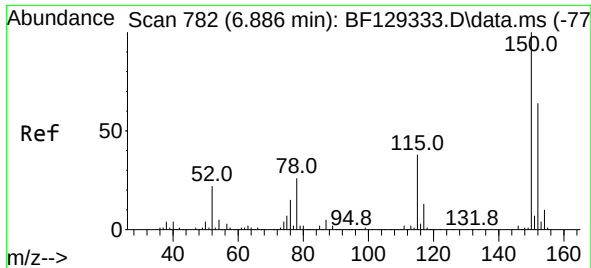
Instrument :
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DW-1

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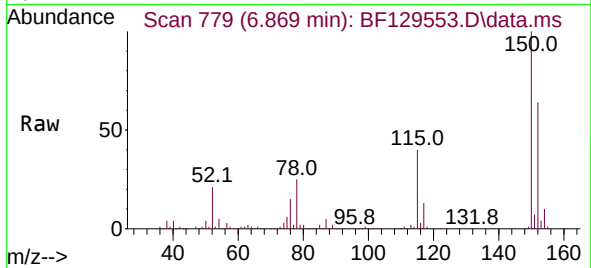
Quant Time: Aug 04 02:21:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

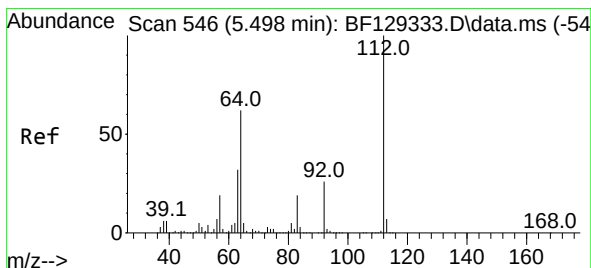
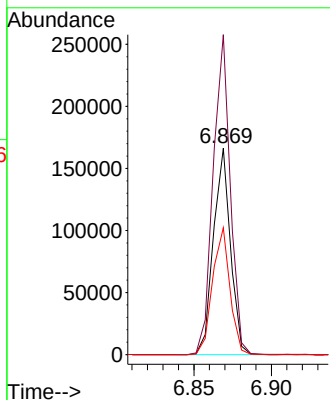
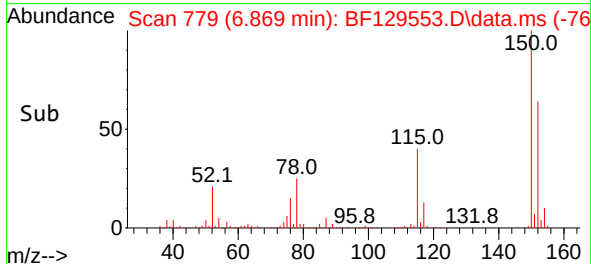
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion:152 Resp: 127726
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 61.5 49.9 74.9

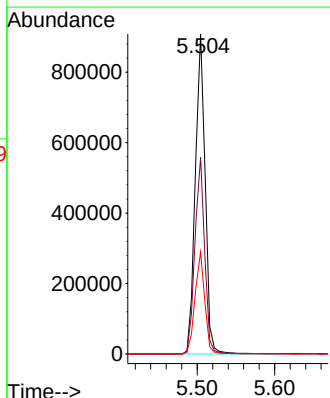
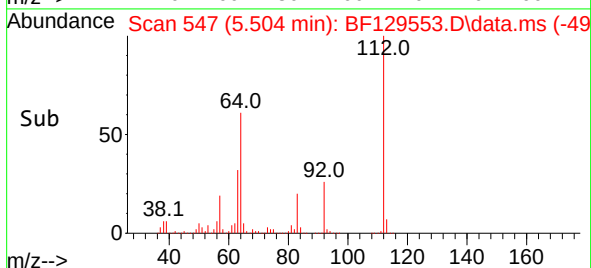
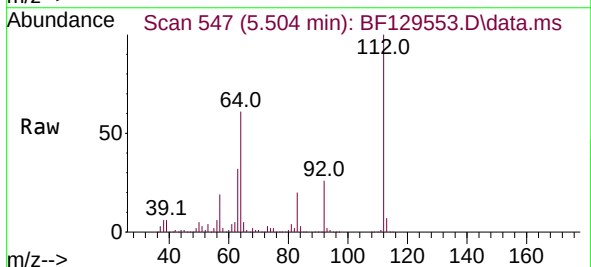
Manual Integrations
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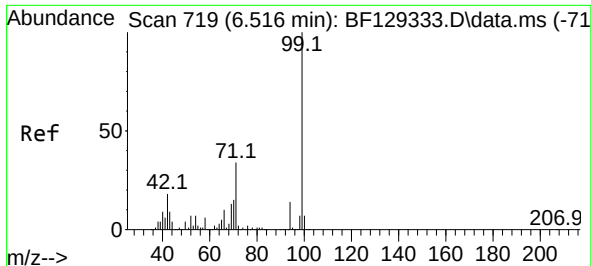
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 102.607 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

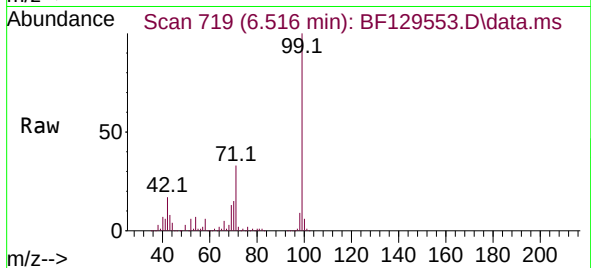
Tgt Ion:112 Resp: 804514
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 31.8 28.0 42.0





#7
Phenol-d6
Concen: 96.890 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

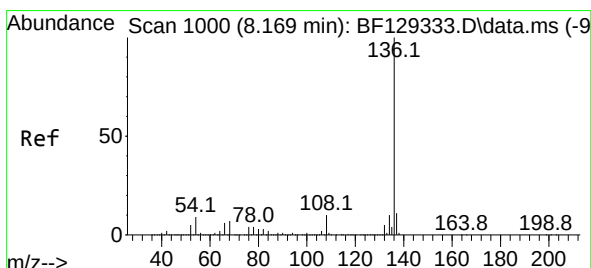
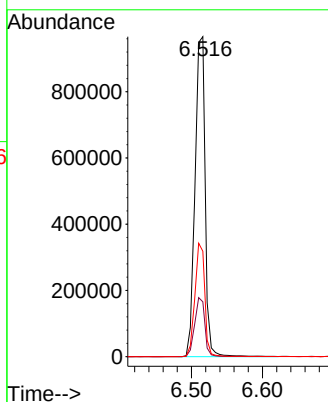
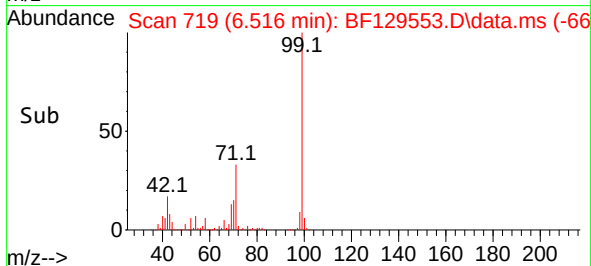
Instrument :
BNA_F
ClientSampleId :
DW-1



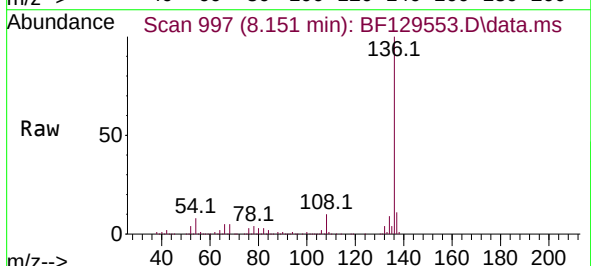
Tgt Ion: 99 Resp: 954883
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9
71 32.9 28.9 43.3

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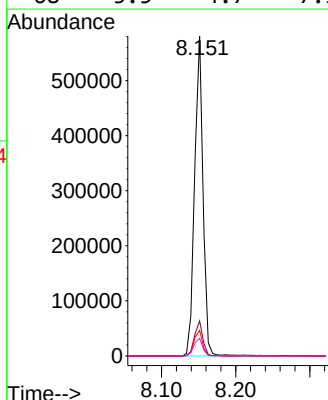
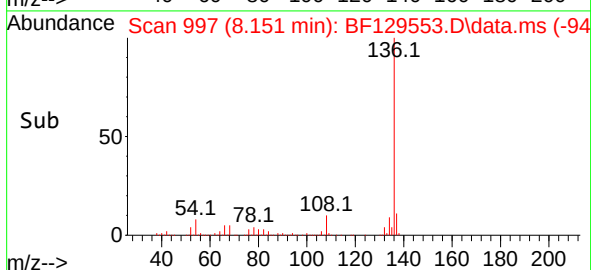
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

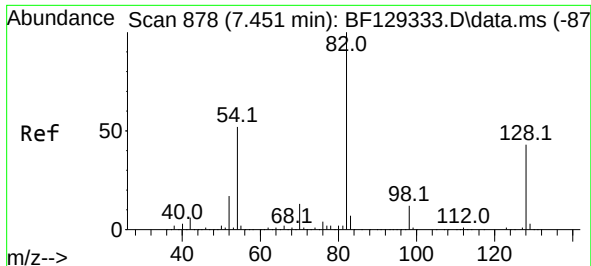


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11



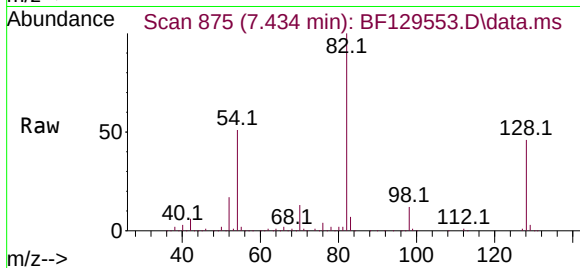
Tgt Ion:136 Resp: 459090
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 7.5 11.3
68 5.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 70.198 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

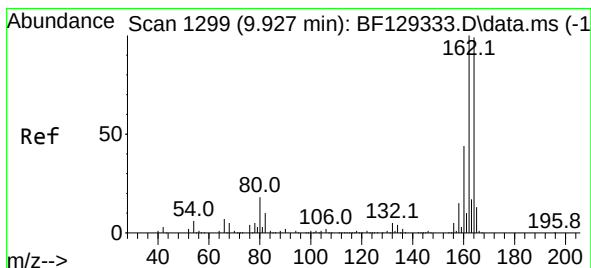
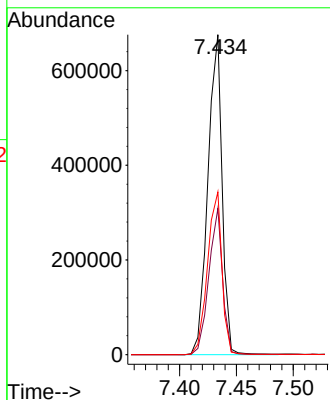
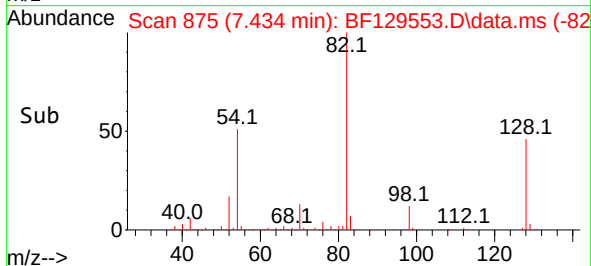
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion: 82 Resp: 590366
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 50.9 46.9 70.3

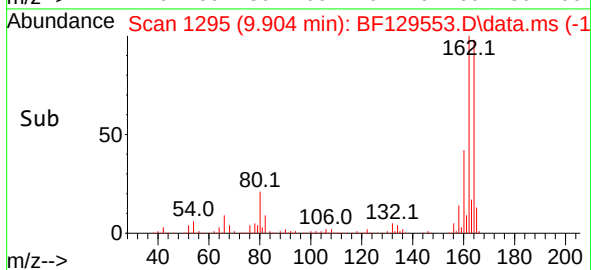
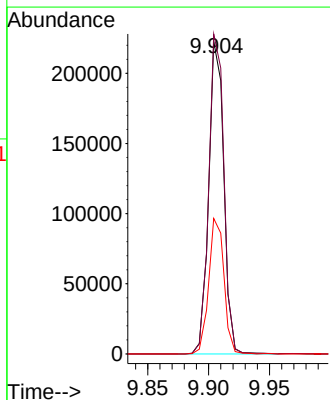
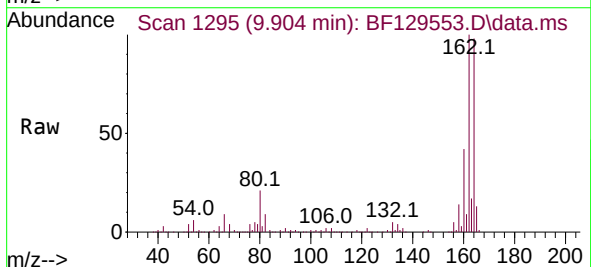
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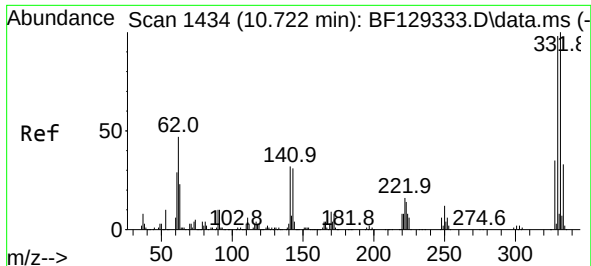
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

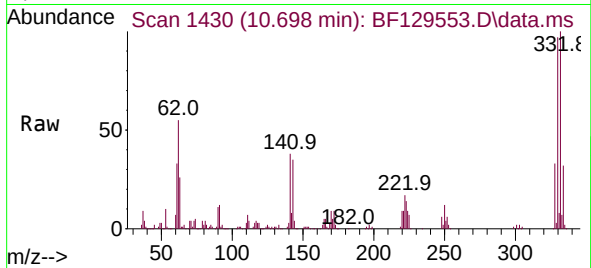
Tgt Ion:164 Resp: 192520
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 43.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 85.551 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

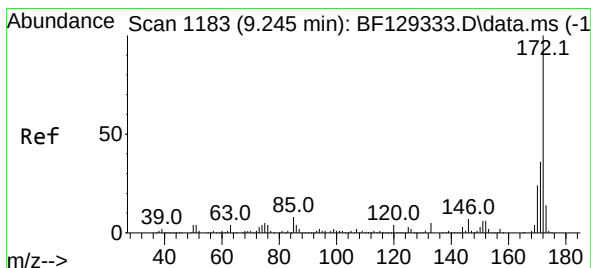
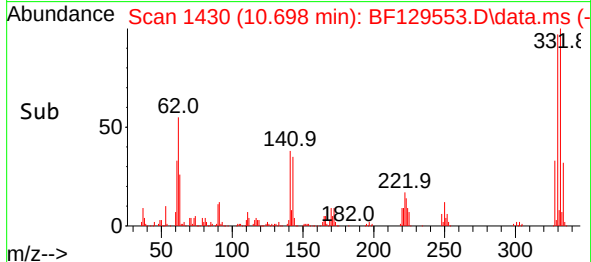
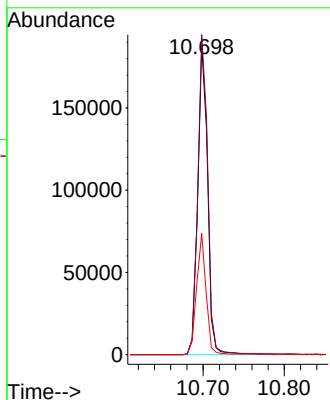
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion: 330 Resp: 158350
Ion Ratio Lower Upper
330 100
332 104.5 76.8 115.2
141 38.0 28.0 42.0

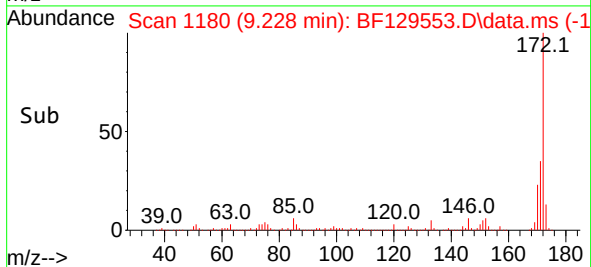
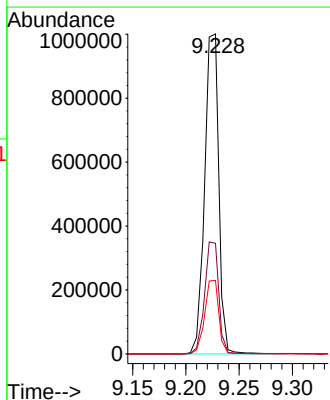
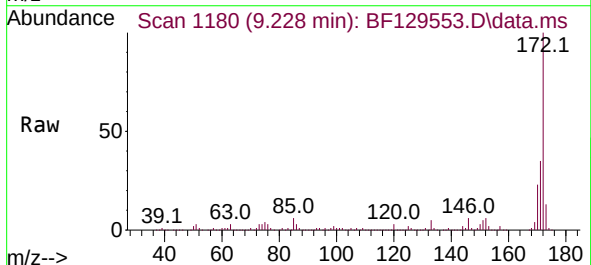
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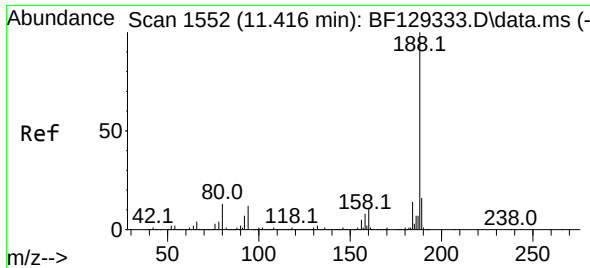
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 74.177 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

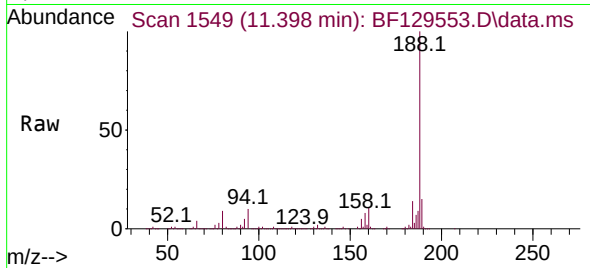
Tgt Ion: 172 Resp: 923140
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

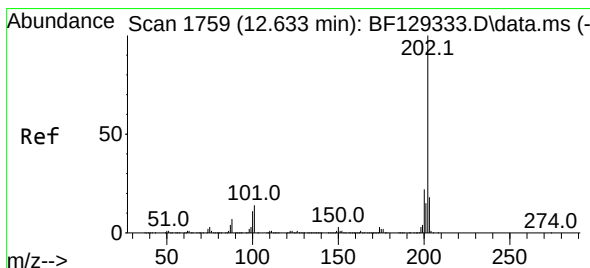
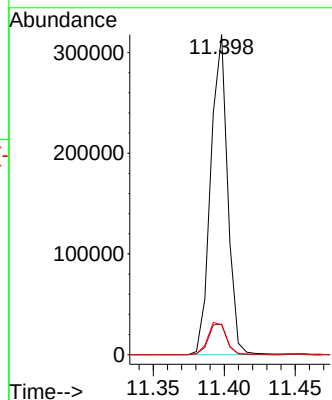
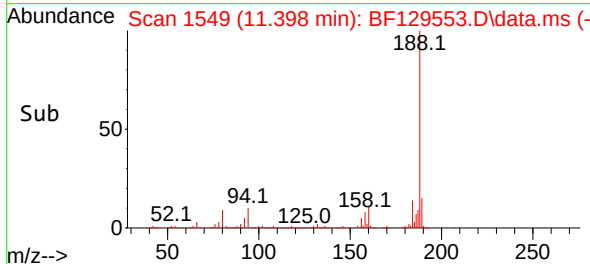
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion:188 Resp: 262629
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.3 7.6 11.4

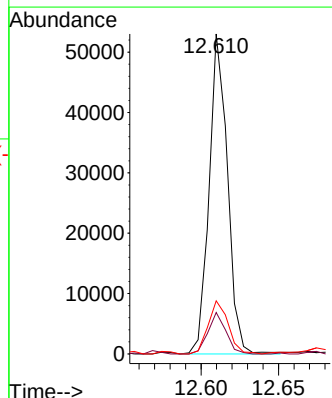
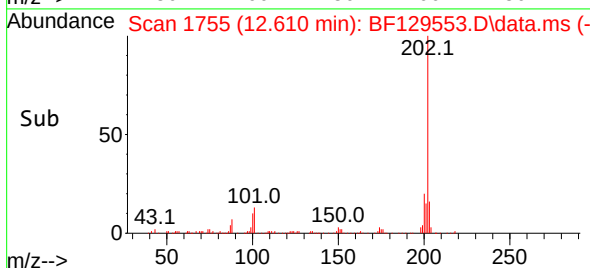
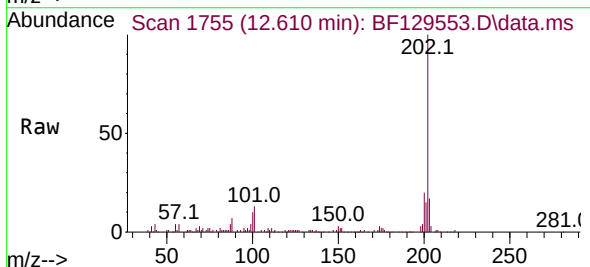
Manual Integrations
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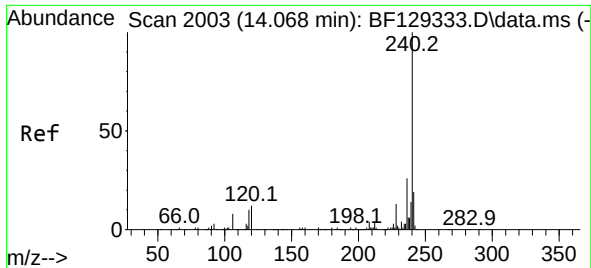
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 3.025 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

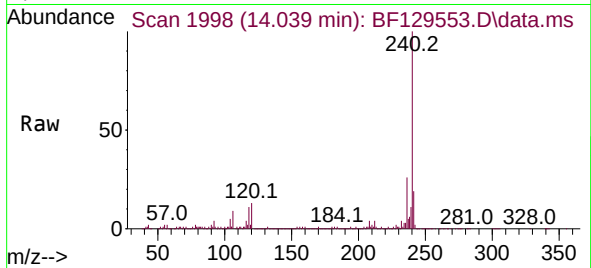
Tgt Ion:202 Resp: 43934
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 16.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

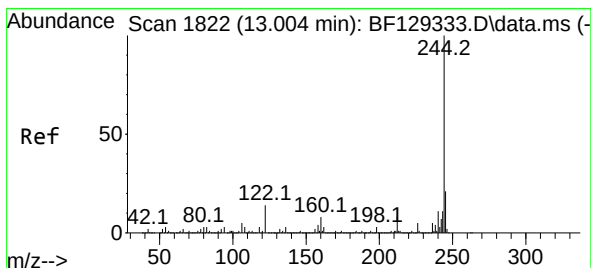
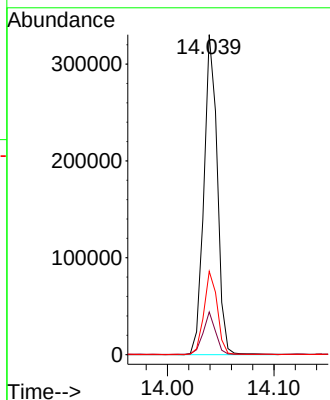
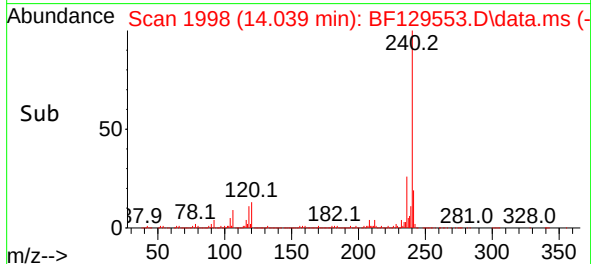
Instrument :
BNA_F
ClientSampleId :
DW-1



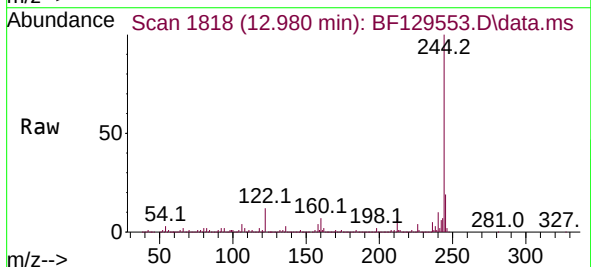
Tgt Ion:240 Resp: 286439
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 26.0 20.8 31.2

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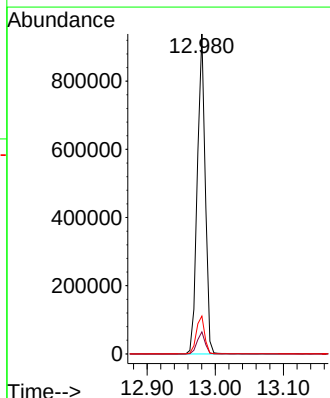
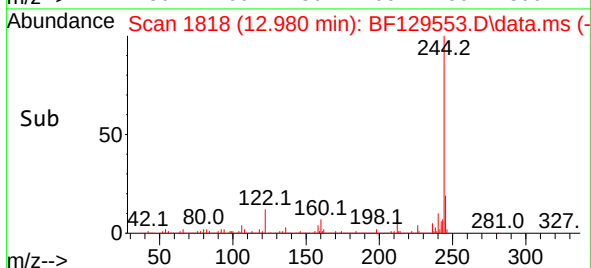
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

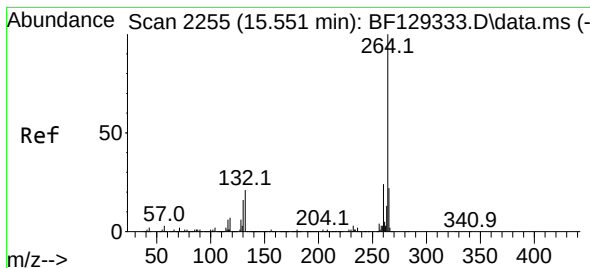


#79
Terphenyl-d14
Concen: 49.980 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11



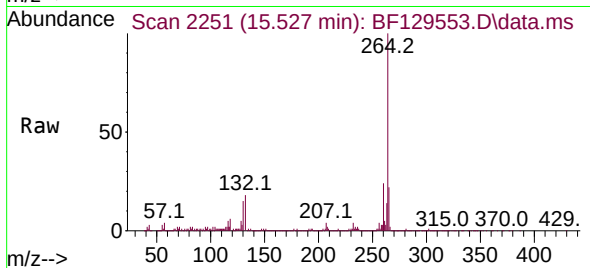
Tgt Ion:244 Resp: 758840
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

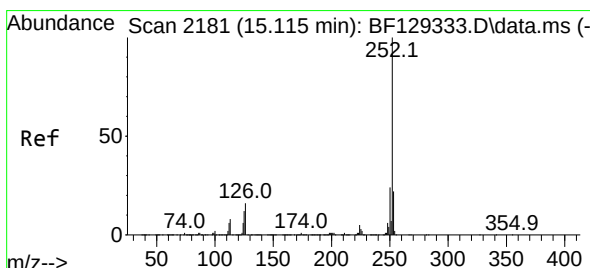
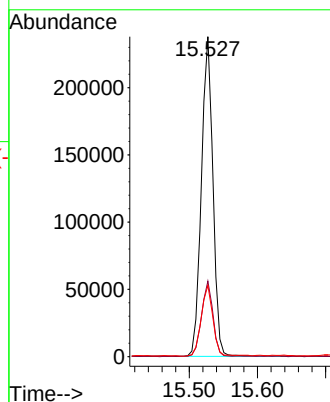
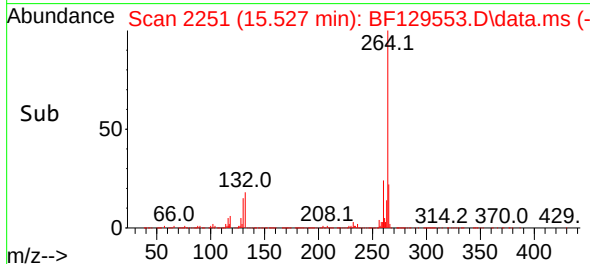
Instrument :
BNA_F
ClientSampleId :
DW-1



Tgt Ion:264 Resp: 280288
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.2 17.2 25.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 2.834 ng m
RT: 15.086 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion:252 Resp: 52689
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 16.6 8.0 12.0#

