

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129730.D
 Acq On : 11 Aug 2022 23:18
 Operator : CG\JU
 Sample : N4130-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:05:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	145198	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	554837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	254107	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	358423	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	293841	20.000	ng	-0.01
86) Perylene-d12	15.480	264	235177	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	791845	88.838	ng	0.00
7) Phenol-d6	6.487	99	976704	87.178	ng	0.00
23) Nitrobenzene-d5	7.398	82	606047	59.627	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	179901	73.638	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1067019	64.958	ng	-0.01
79) Terphenyl-d14	12.945	244	879129	56.444	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	62808	3.210	ng	95
75) Fluoranthene	12.574	202	96991	4.893	ng	99
78) Pyrene	12.804	202	82041	3.339	ng	96
81) Benzo(a)anthracene	13.998	228	42138	2.099	ng	99
83) Chrysene	14.033	228	42670m	2.256	ng	
84) Bis(2-ethylhexyl)phtha...	13.969	149	88402	6.300	ng	99
88) Benzo(b)fluoranthene	15.051	252	50854m	3.260	ng	
90) Benzo(a)pyrene	15.415	252	29832	2.356	ng	# 94

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

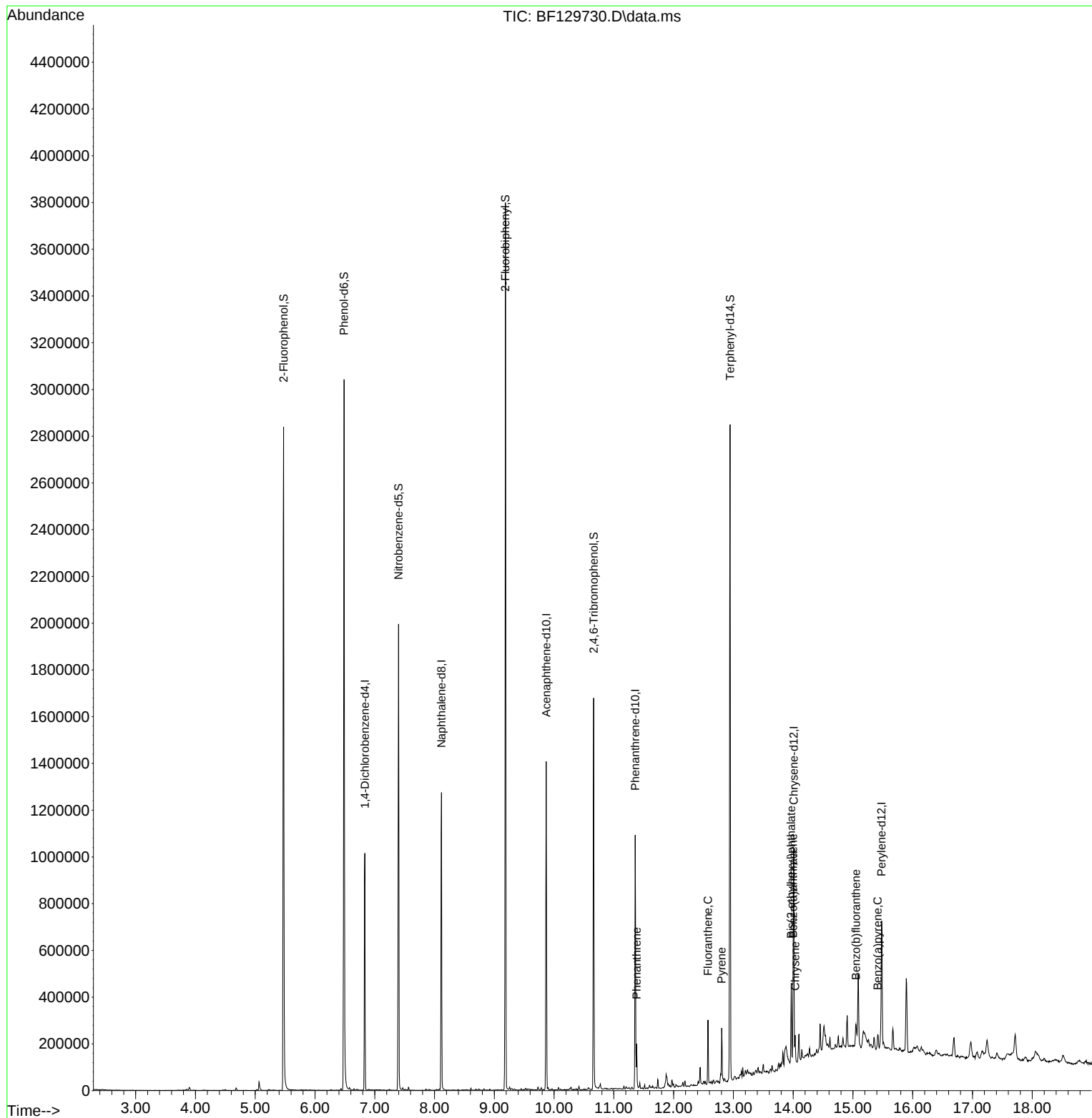
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129730.D
Acq On : 11 Aug 2022 23:18
Operator : CG\JU
Sample : N4130-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

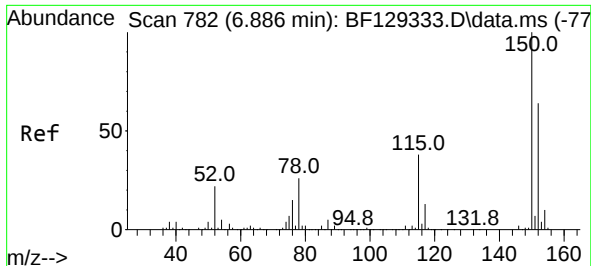
Instrument :
BNA_F
ClientSampleId :
SB01

Quant Time: Aug 12 00:05:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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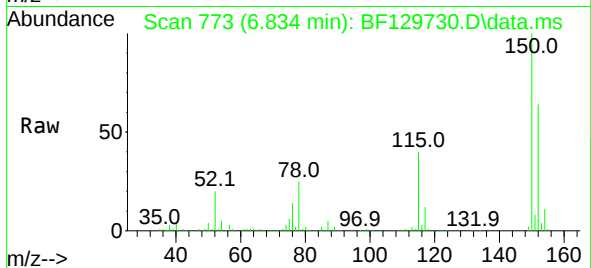
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Supervised By : Jagrut Upadhyay 08/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

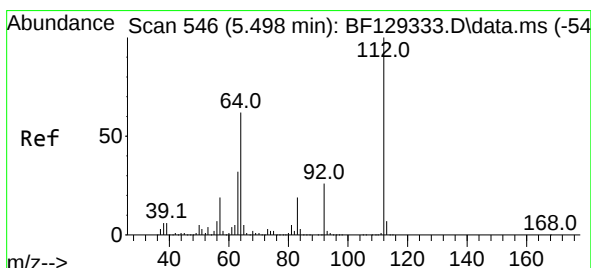
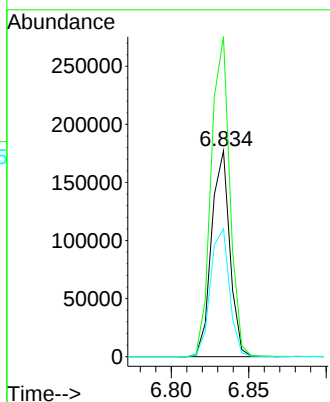
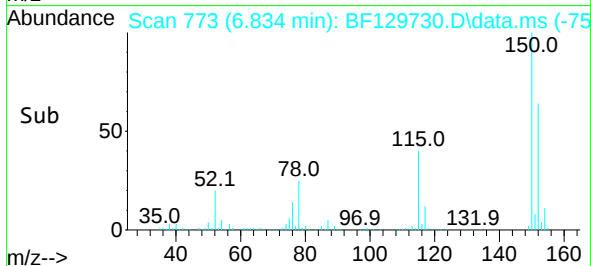
Instrument :
BNA_F
ClientSampleId :
SB01



Tgt Ion:152 Resp: 145198
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 62.1 49.9 74.9

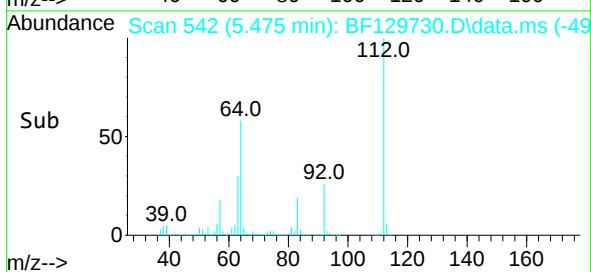
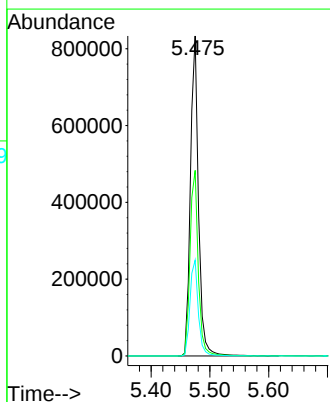
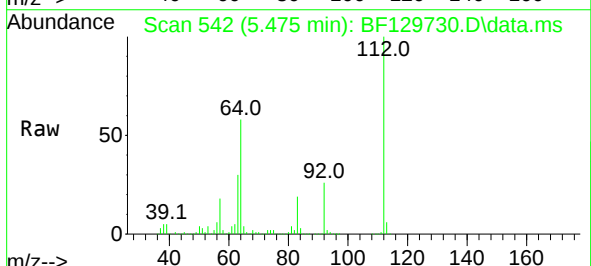
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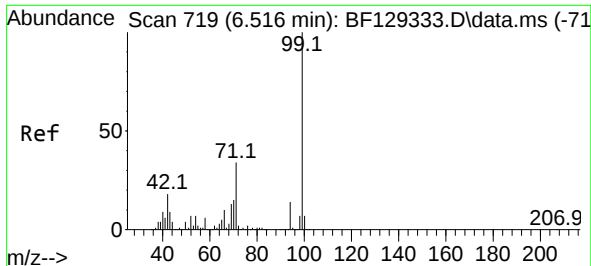
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#5
2-Fluorophenol
Concen: 88.838 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

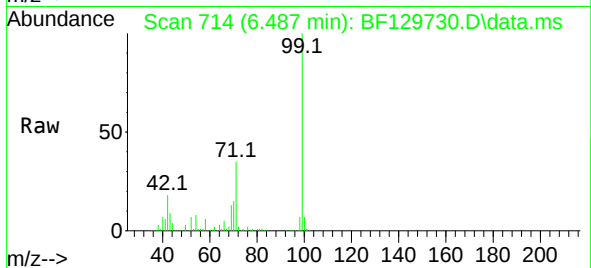
Tgt Ion:112 Resp: 791845
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 30.0 28.0 42.0





#7
Phenol-d6
Concen: 87.178 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

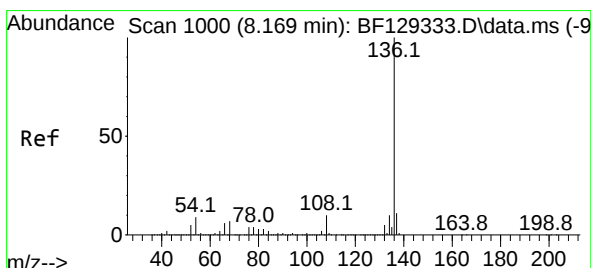
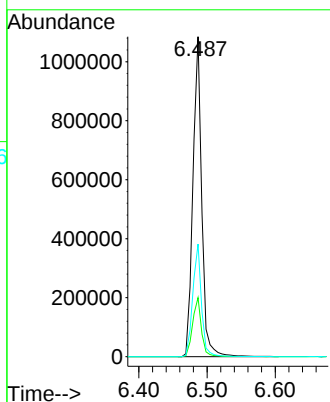
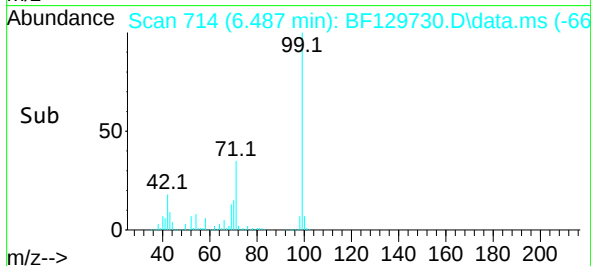
Instrument :
BNA_F
ClientSampleId :
SB01



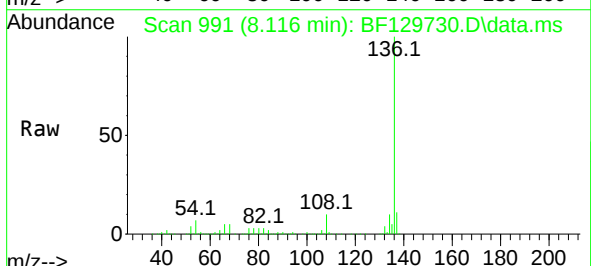
Tgt Ion: 99 Resp: 976704
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 35.2 28.9 43.3

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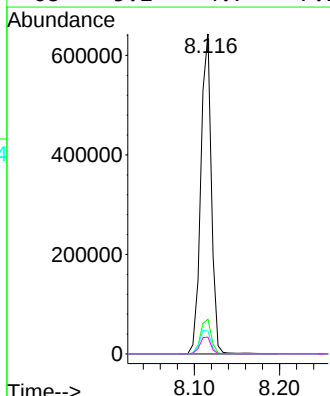
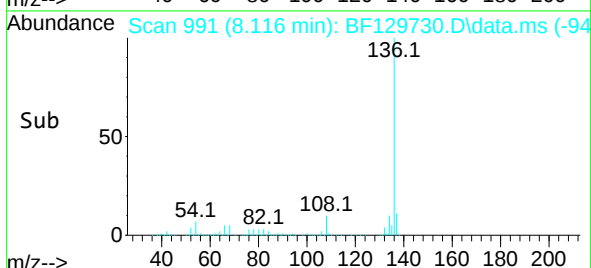
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Supervised By :Jagrut Upadhyay 08/12/2022

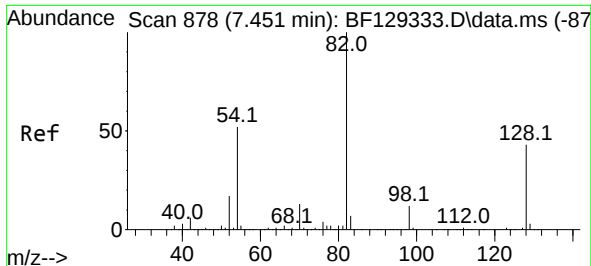


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18



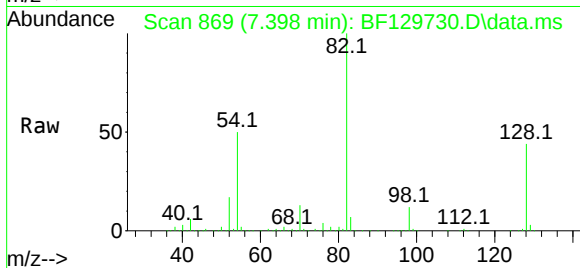
Tgt Ion:136 Resp: 554837
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 7.5 11.3#
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 59.627 ng
RT: 7.398 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

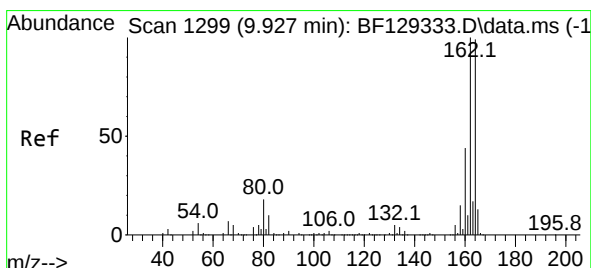
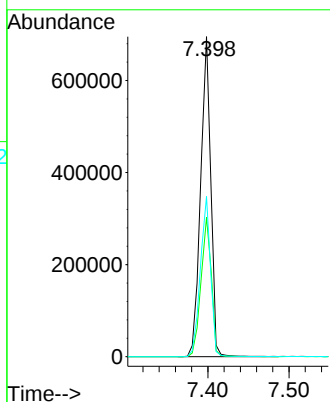
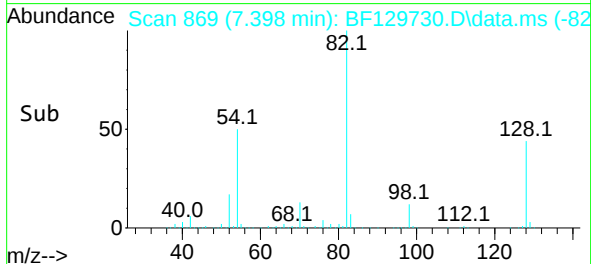
Instrument :
BNA_F
ClientSampleId :
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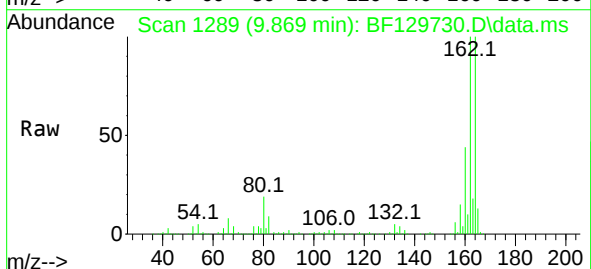
Tgt Ion: 82 Resp: 60604
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 50.0 46.9 70.3

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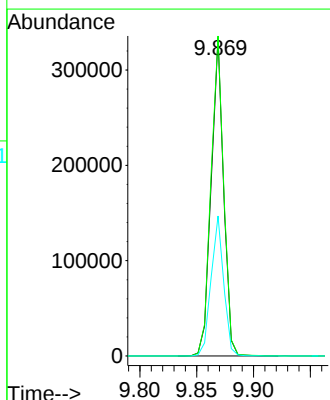
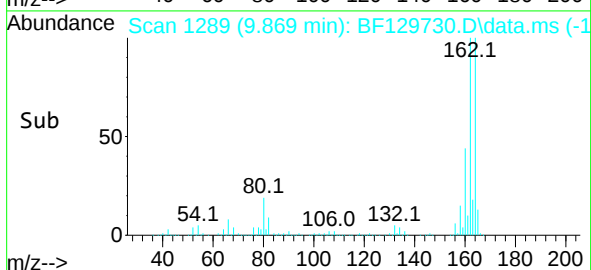
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

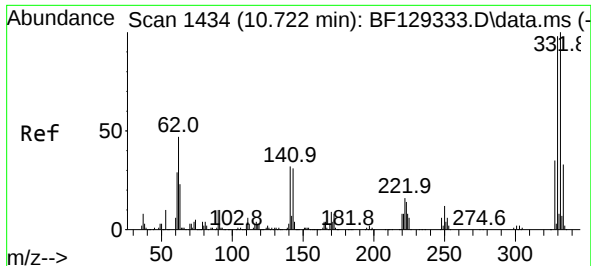


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18



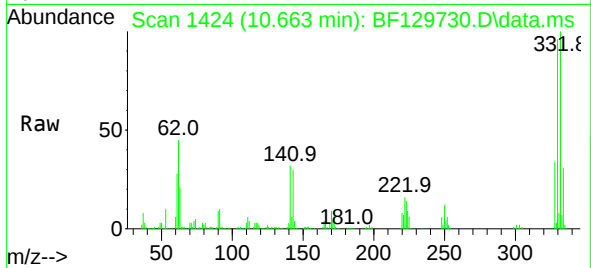
Tgt Ion:164 Resp: 254107
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 73.638 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

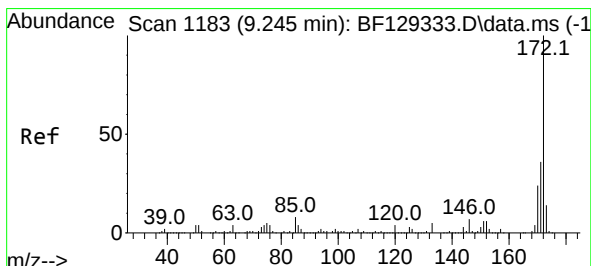
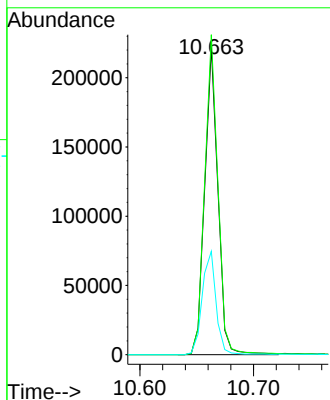
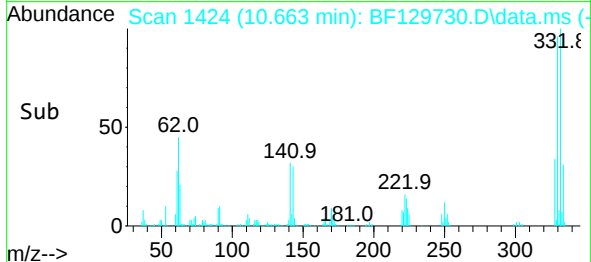
Instrument :
BNA_F
ClientSampleId :
SB01



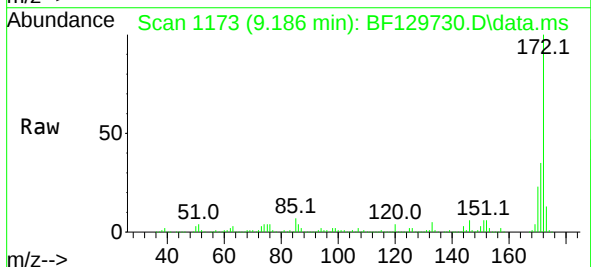
Tgt Ion:330 Resp: 17990
Ion Ratio Lower Upper
330 100
332 104.7 76.8 115.2
141 35.4 28.0 42.0

Manual Integrations
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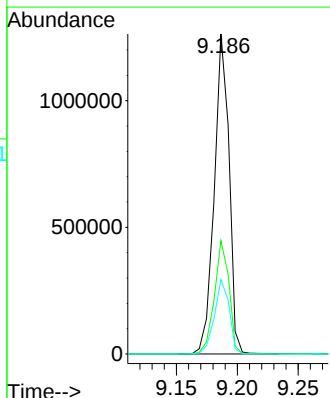
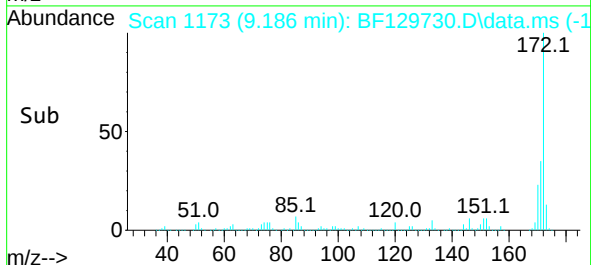
Reviewed By :Christian Giraldo 08/12/2022
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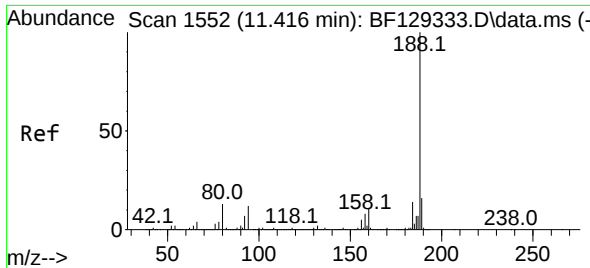


#45
2-Fluorobiphenyl
Concen: 64.958 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18



Tgt Ion:172 Resp: 1067019
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.3 19.8 29.8





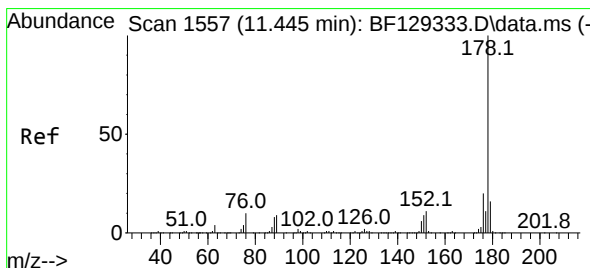
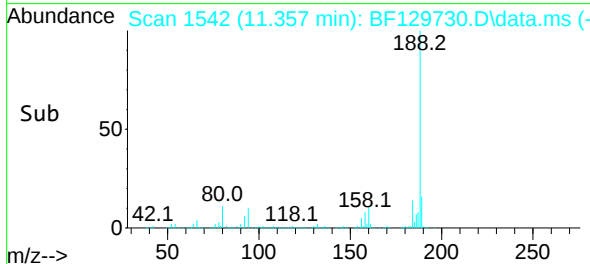
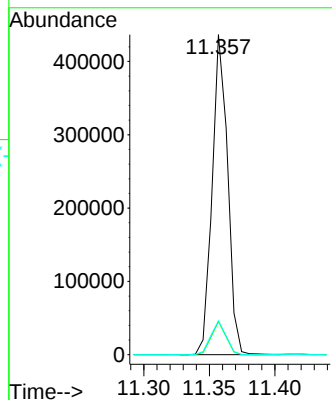
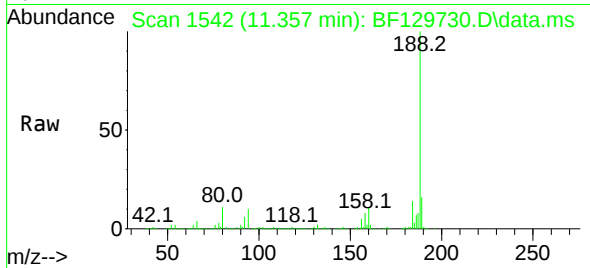
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Instrument :
BNA_F
ClientSampleId :
SB01

Tgt Ion:188 Resp: 35842
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.6 7.6 11.4

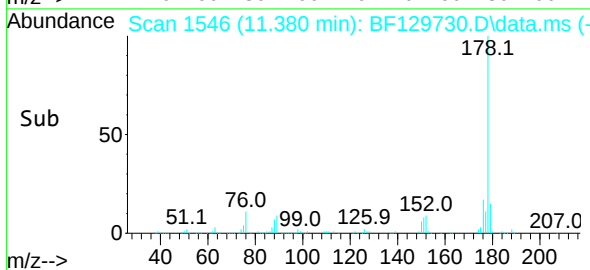
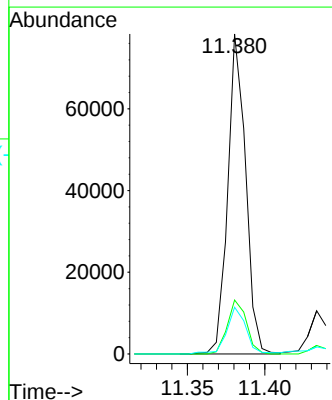
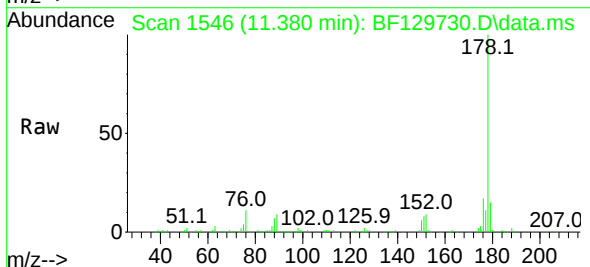
Manual Integrations
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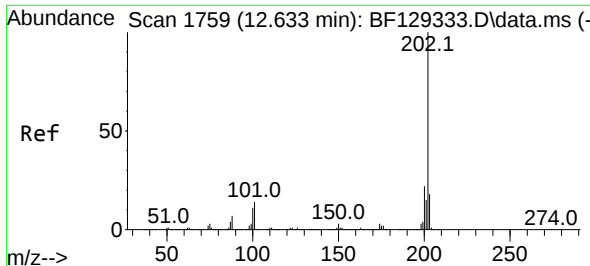
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#71
Phenanthrene
Concen: 3.210 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.018 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

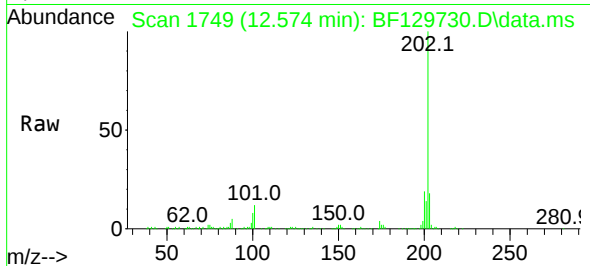
Tgt Ion:178 Resp: 62808
Ion Ratio Lower Upper
178 100
176 16.8 16.0 24.0
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 4.893 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

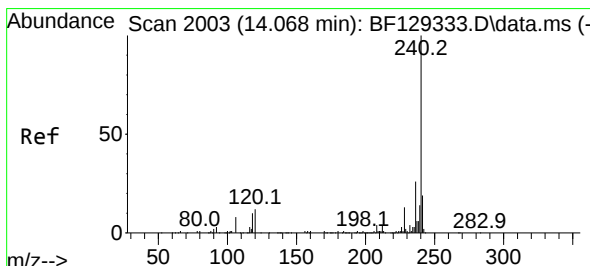
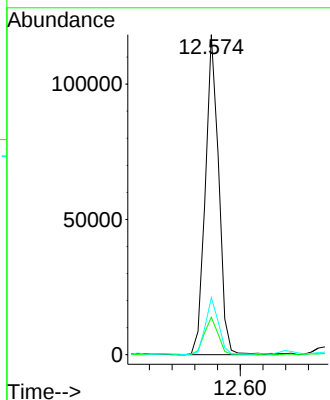
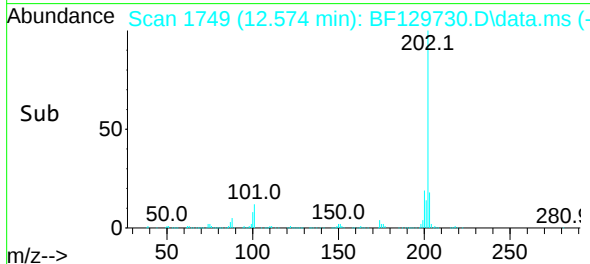
Instrument :
BNA_F
ClientSampleId :
SB01



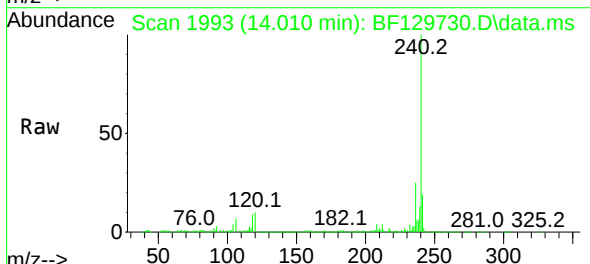
Tgt Ion:202 Resp: 9699
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 0.0 38.0

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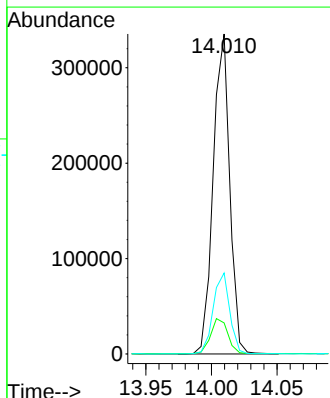
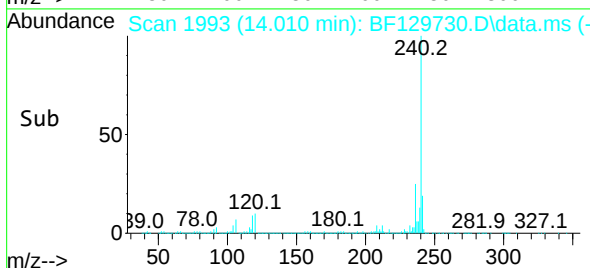
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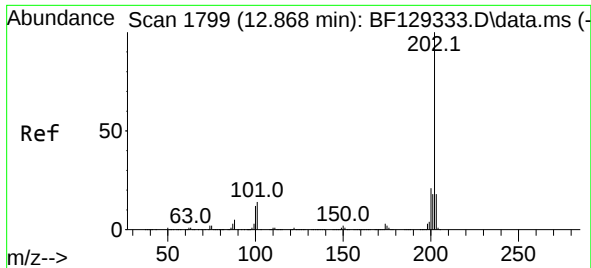


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18



Tgt Ion:240 Resp: 293841
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.3 20.8 31.2





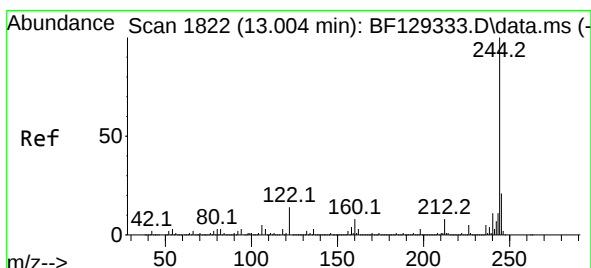
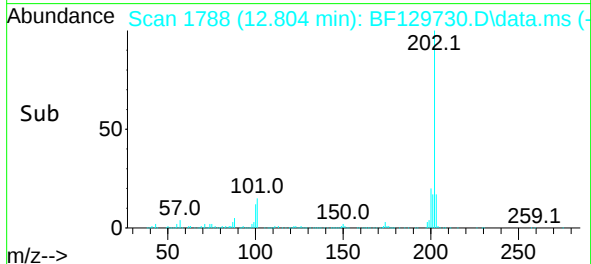
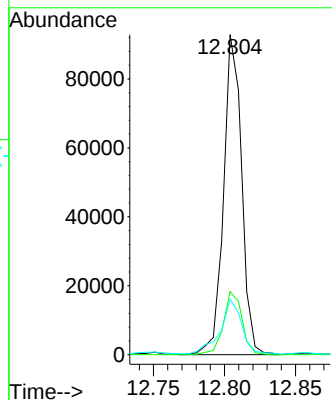
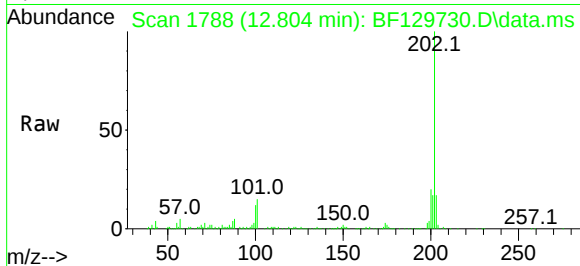
#78
Pyrene
Concen: 3.339 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Instrument :
BNA_F
ClientSampleId :
SB01

Tgt Ion:202 Resp: 8204
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 17.4 14.6 21.8

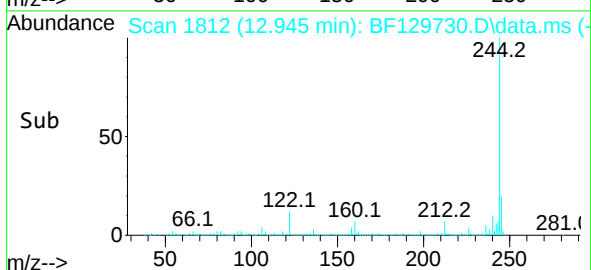
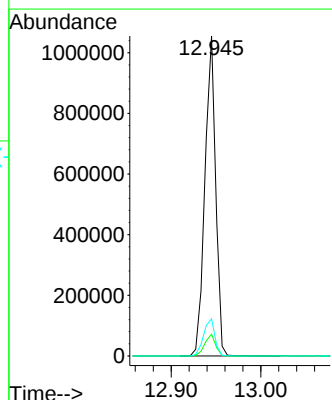
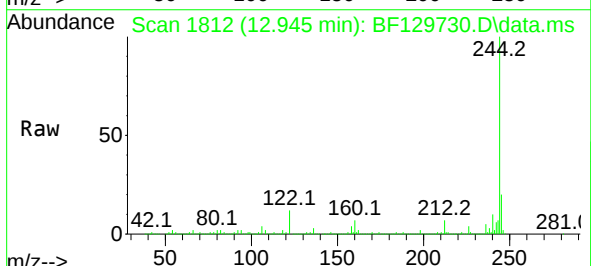
Manual Integrations
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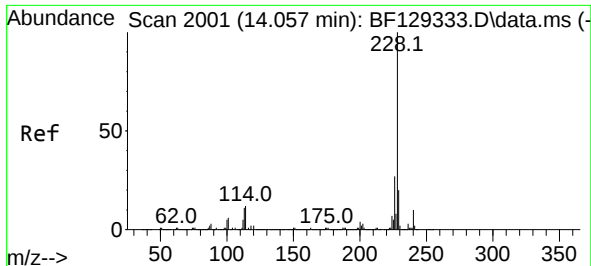
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#79
Terphenyl-d14
Concen: 56.444 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

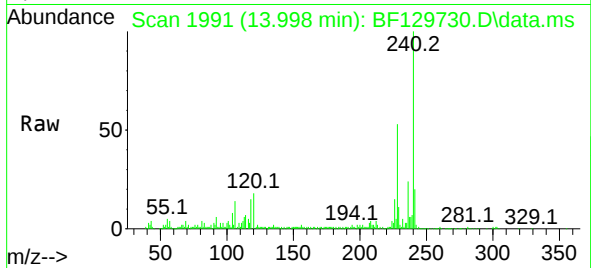
Tgt Ion:244 Resp: 879129
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 11.6 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.099 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

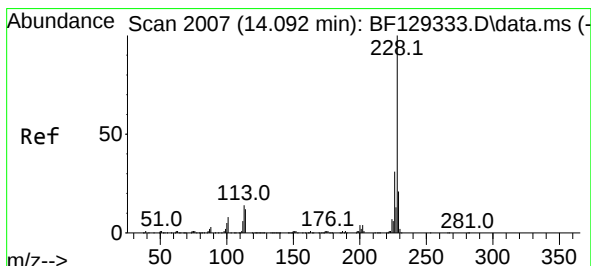
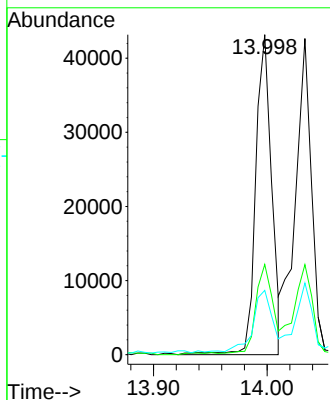
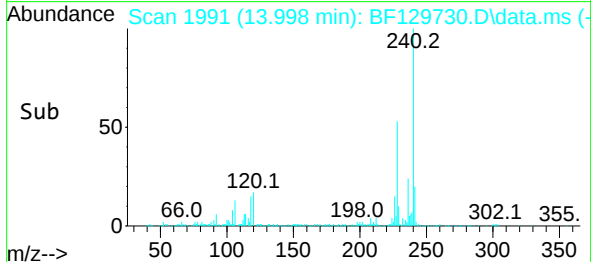
Instrument :
BNA_F
ClientSampleId :
SB01



Tgt Ion:228 Resp: 42138
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.1 15.8 23.8

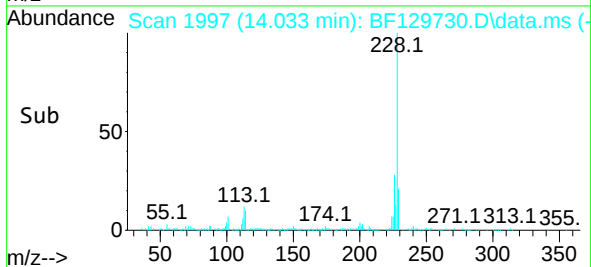
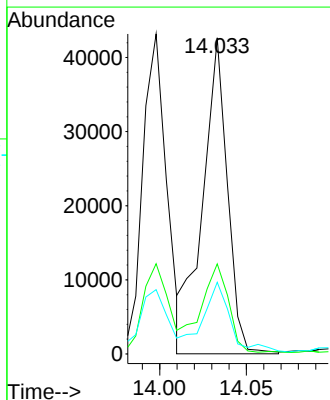
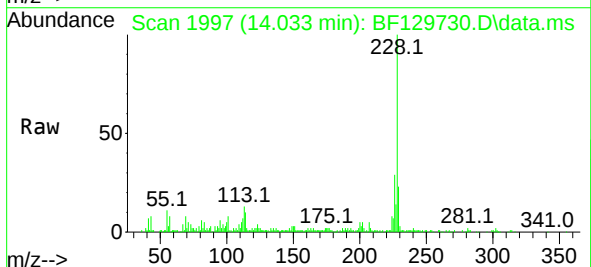
Manual Integrations
APPROVED

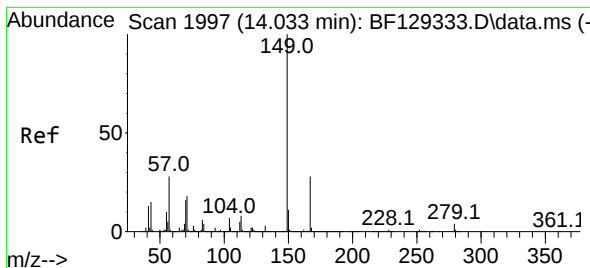
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#83
Chrysene
Concen: 2.256 ng m
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

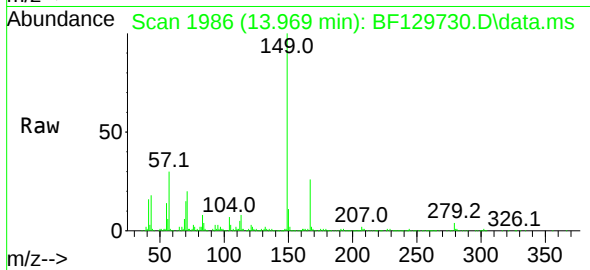
Tgt Ion:228 Resp: 42670
Ion Ratio Lower Upper
228 100
226 28.5 24.3 36.5
229 22.7 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.300 ng
RT: 13.969 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

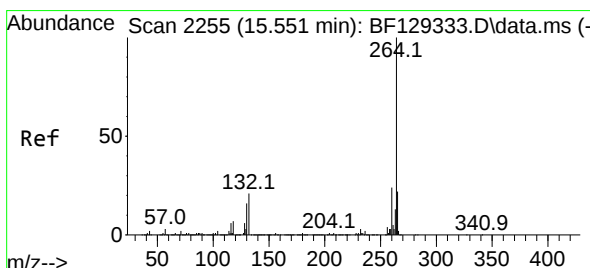
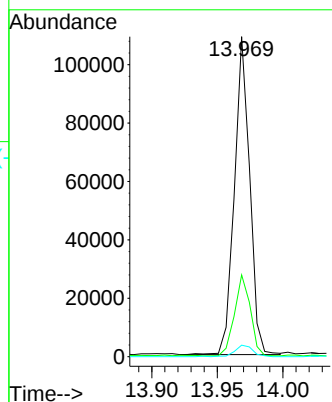
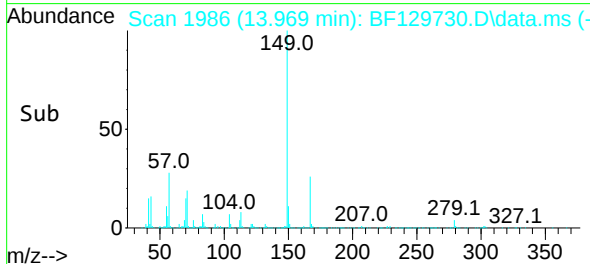
Instrument :
BNA_F
ClientSampleId :
SB01



Tgt Ion:149 Resp: 88402
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.4
279 3.6 3.1 4.7

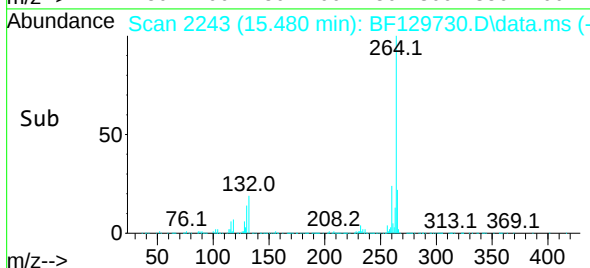
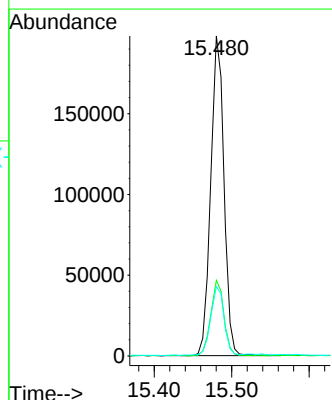
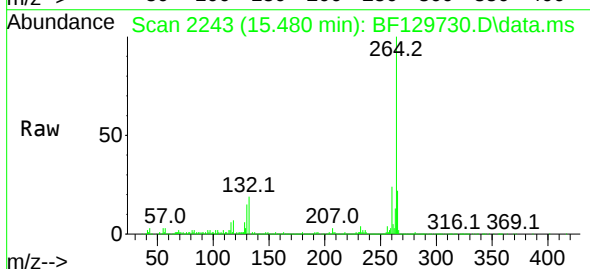
Manual Integrations
APPROVED

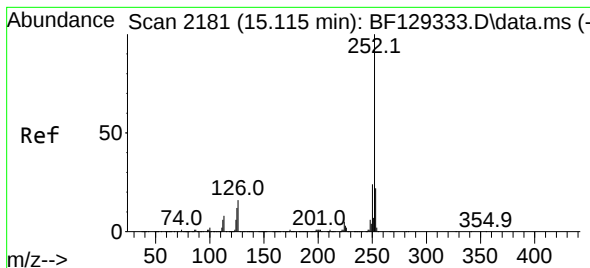
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:264 Resp: 235177
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.260 ng m

RT: 15.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129730.D

Acq: 11 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

SB01

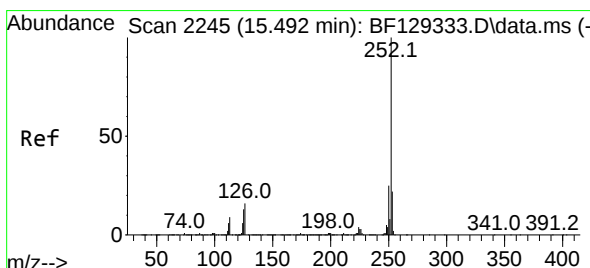
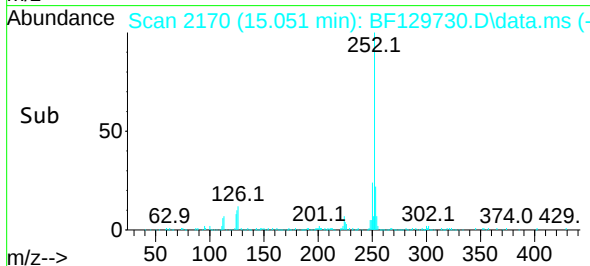
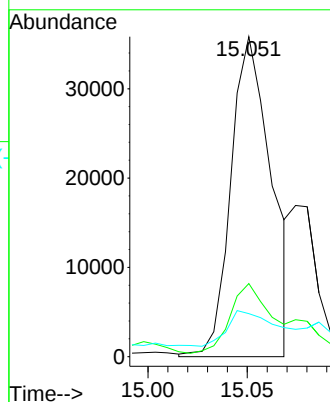
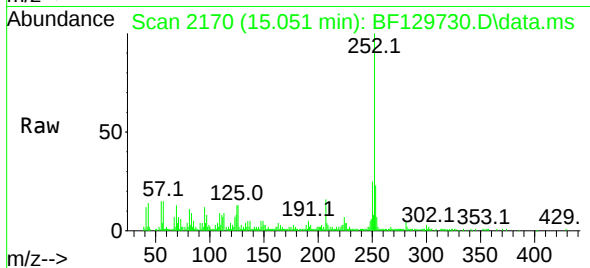
Tgt Ion:252 Resp: 50854
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 13.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#90

Benzo(a)pyrene

Concen: 2.356 ng

RT: 15.415 min Scan# 2232

Delta R.T. -0.012 min

Lab File: BF129730.D

Acq: 11 Aug 2022 23:18

Tgt Ion:252 Resp: 29832
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.0 25.6
 125 17.2 8.8 13.2

