

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128990.D
 Acq On : 24 Jun 2022 15:31
 Operator : CG\JU
 Sample : N3468-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

Quant Time: Jun 25 06:13:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	112860	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	425498	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	223241	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	241815	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	172765	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	142805	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	690949	97.516	ng	0.00
7) Phenol-d6	6.381	99	879666	101.706	ng	0.00
23) Nitrobenzene-d5	7.292	82	619516	67.788	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	204866	77.668	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1126363	70.677	ng	0.00
79) Terphenyl-d14	12.839	244	677777	68.169	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.622	152	41391	2.115	ng	98
71) Phenanthrene	11.275	178	206579	17.032	ng	98
72) Anthracene	11.328	178	51925	4.325	ng	99
75) Fluoranthene	12.469	202	418151	32.981	ng	96
78) Pyrene	12.698	202	397509	30.926	ng	98
81) Benzo(a)anthracene	13.886	228	230251	21.381	ng	98
83) Chrysene	13.927	228	202425	19.716	ng	99
87) Indeno(1,2,3-cd)pyrene	16.757	276	88244	10.252	ng	# 89
88) Benzo(b)fluoranthene	14.927	252	258688m	28.349	ng	
89) Benzo(k)fluoranthene	14.951	252	75287m	8.771	ng	
90) Benzo(a)pyrene	15.280	252	169746m	23.668	ng	
91) Dibenzo(a,h)anthracene	16.757	278	24526	3.435	ng	95
92) Benzo(g,h,i)perylene	17.180	276	82364	11.640	ng	97

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

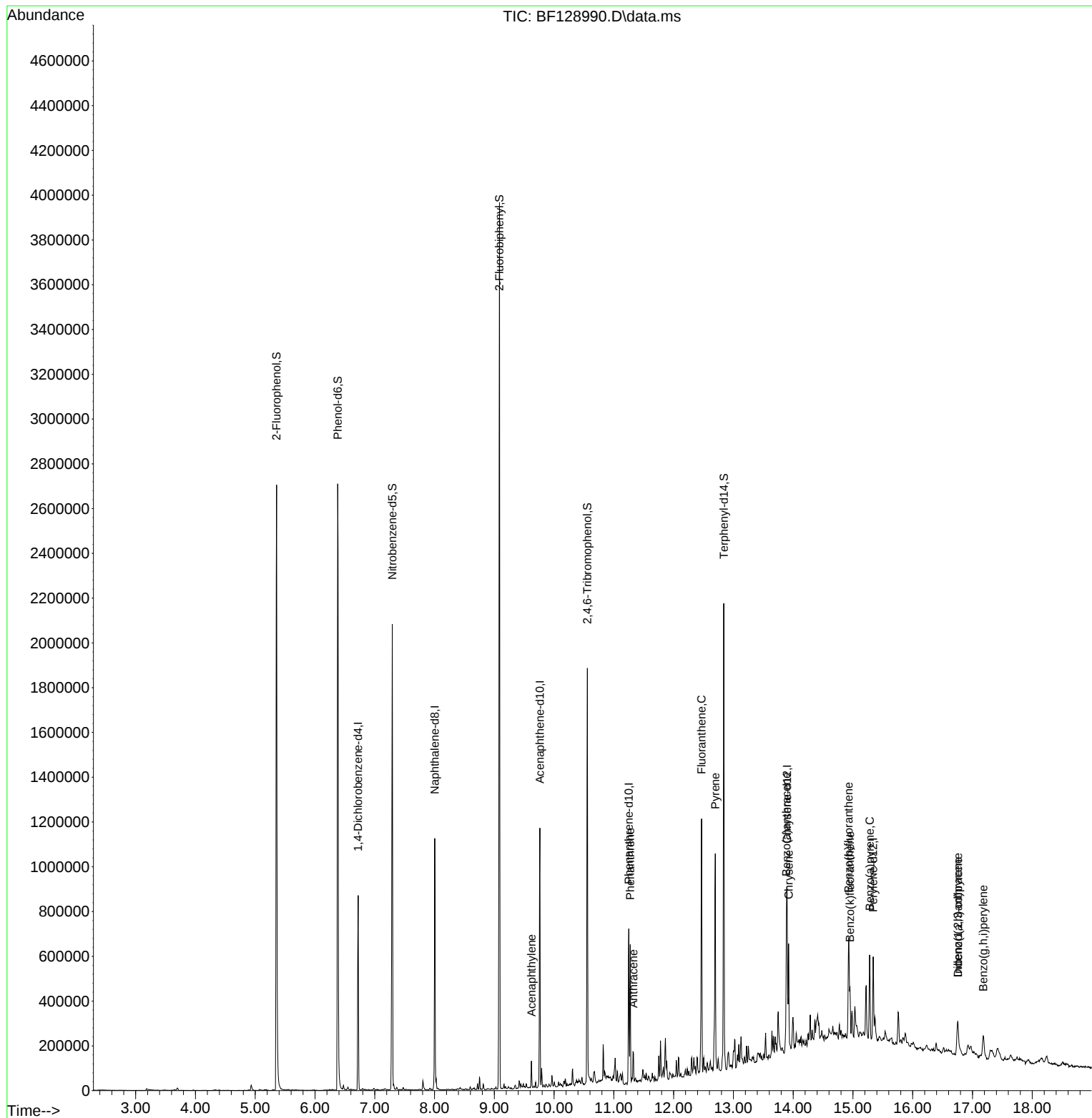
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
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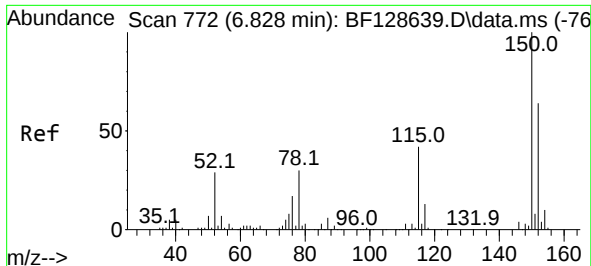
Instrument :
BNA_F
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XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

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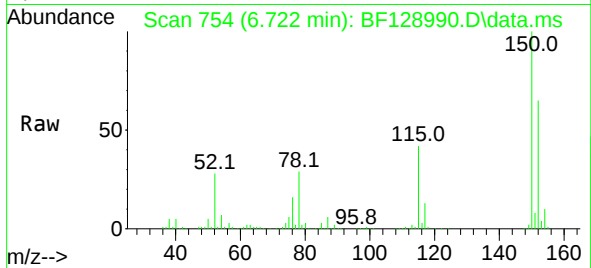
Reviewed By : Christian Giraldo 06/27/2022
Supervised By : Jagrut Upadhyay 06/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

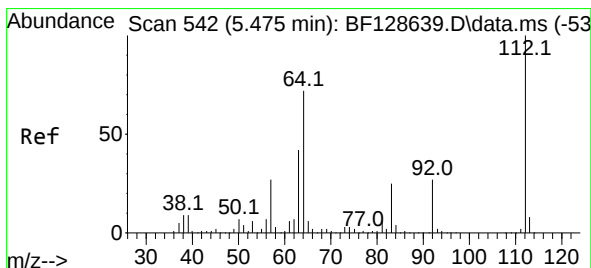
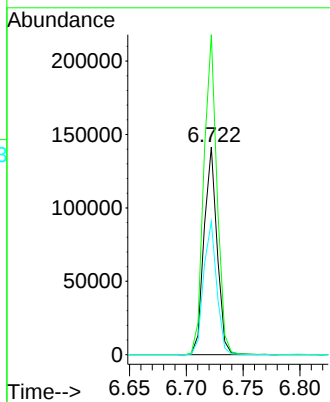
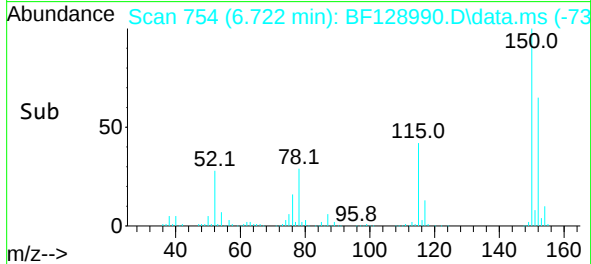
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:152 Resp: 112860
Ion Ratio Lower Upper
152 100
150 154.1 123.7 185.5
115 64.1 49.9 74.9

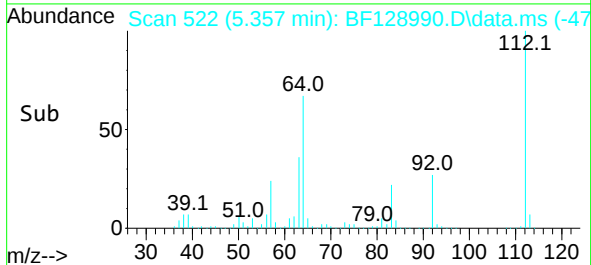
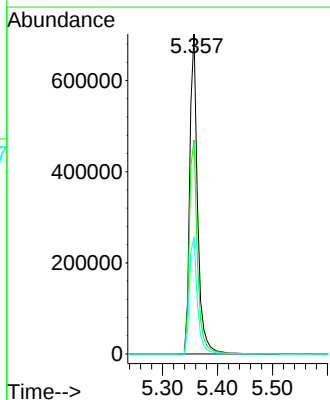
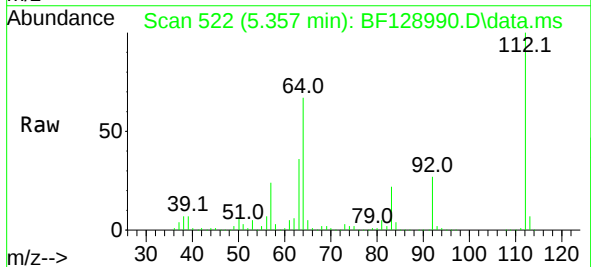
Manual Integrations
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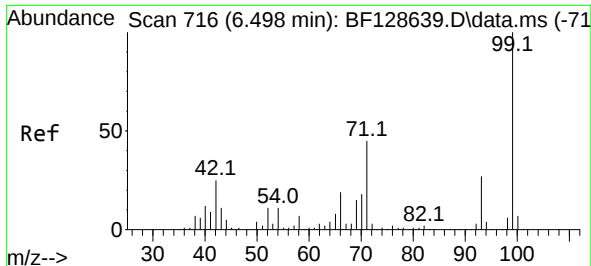
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#5
2-Fluorophenol
Concen: 97.516 ng
RT: 5.357 min Scan# 522
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

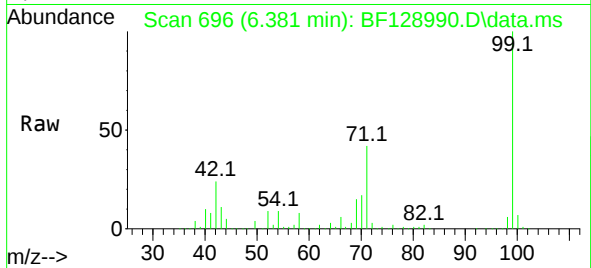
Tgt Ion:112 Resp: 690949
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 36.3 28.0 42.0





#7
Phenol-d6
Concen: 101.706 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

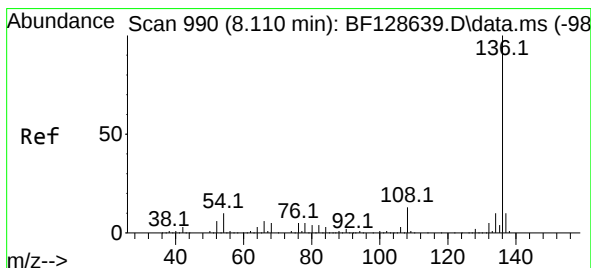
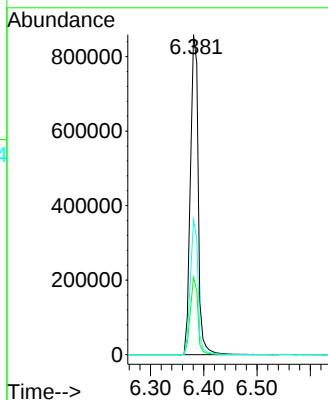
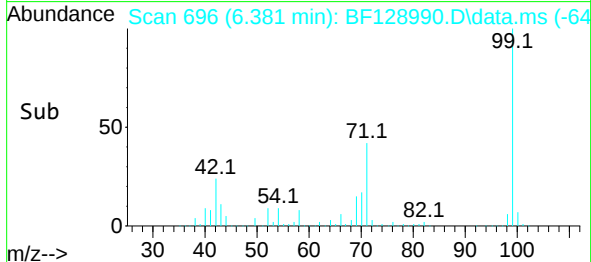
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion: 99 Resp: 879660
Ion Ratio Lower Upper
99 100
42 24.1 17.3 25.9
71 42.1 28.9 43.3

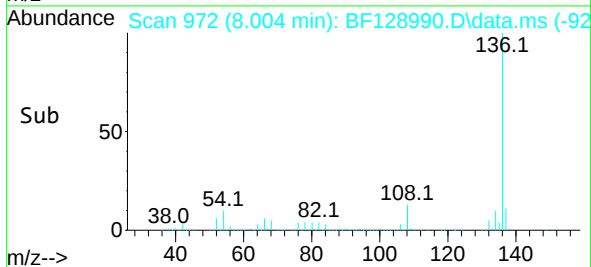
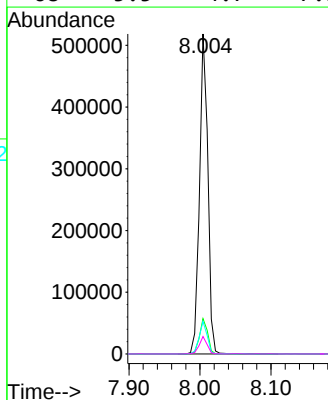
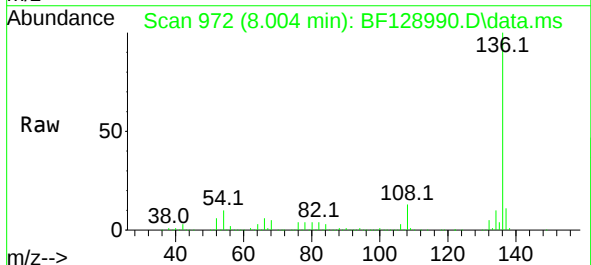
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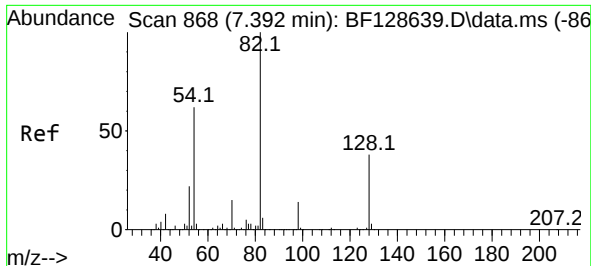
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

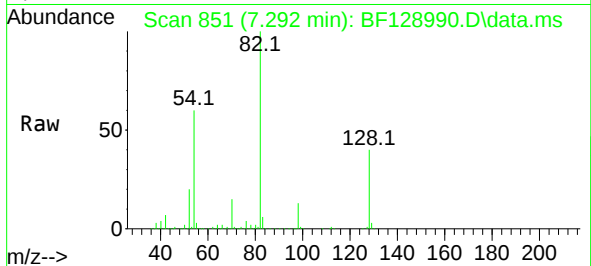
Tgt Ion:136 Resp: 425498
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.5 11.3
68 5.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 67.788 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

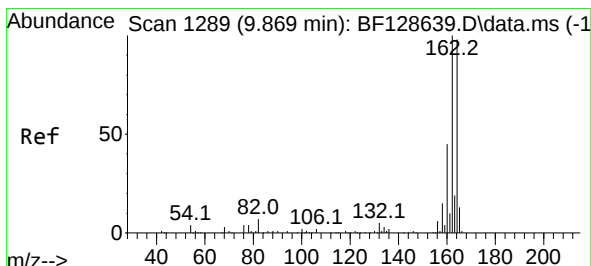
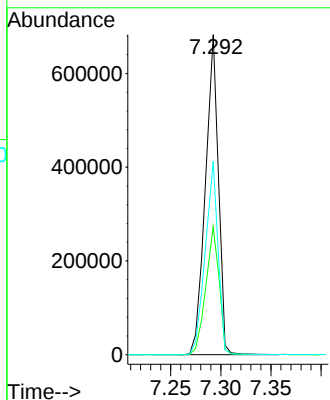
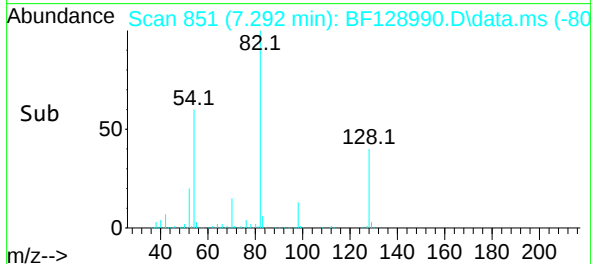
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion: 82 Resp: 619510
Ion Ratio Lower Upper
82 100
128 39.9 34.0 51.0
54 60.4 46.9 70.3

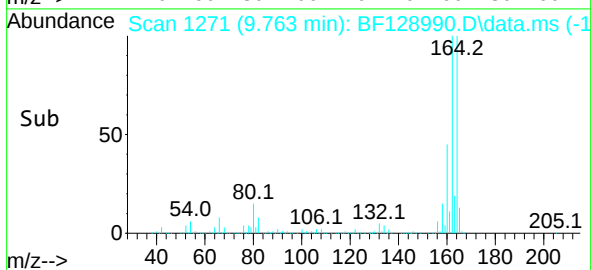
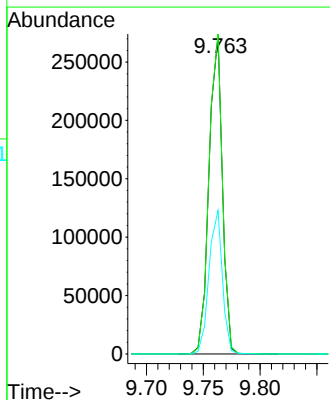
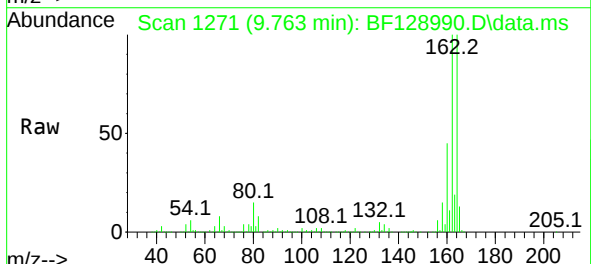
Manual Integrations
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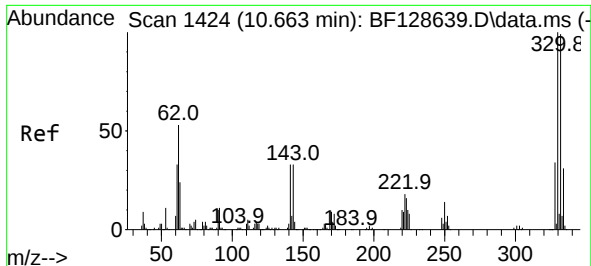
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

Tgt Ion:164 Resp: 223241
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 44.9 34.2 51.4





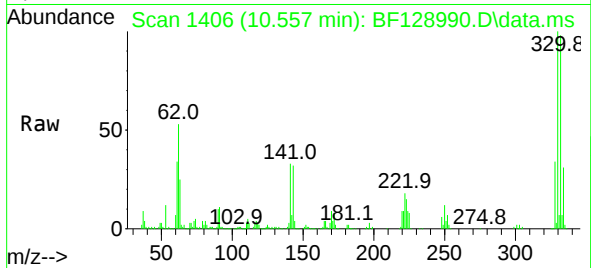
#42
2,4,6-Tribromophenol
Concen: 77.668 ng
RT: 10.557 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

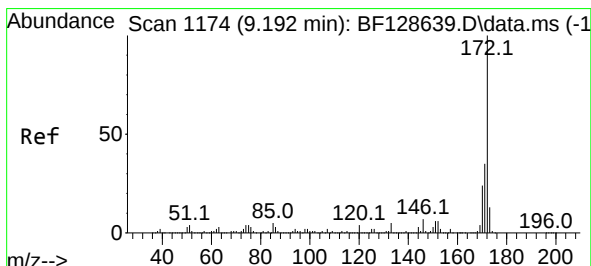
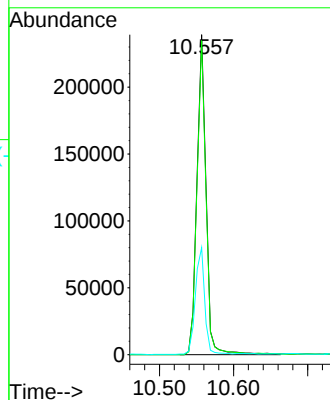
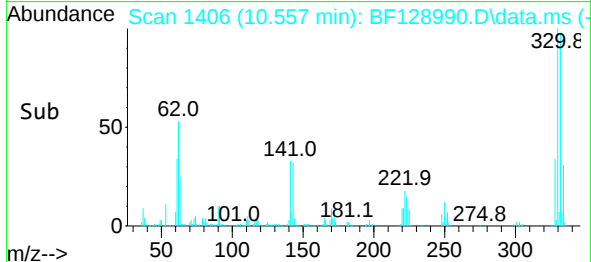


Tgt Ion:330 Resp: 204860
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 34.1 28.0 42.0

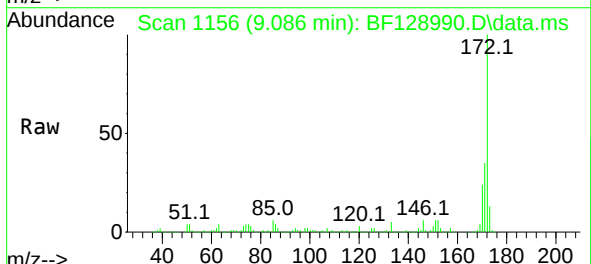
Manual Integrations

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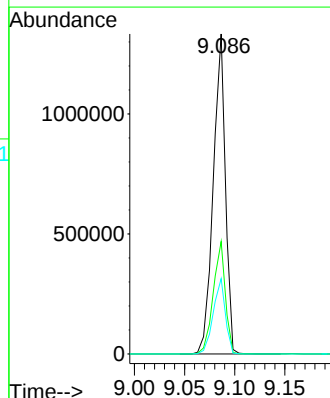
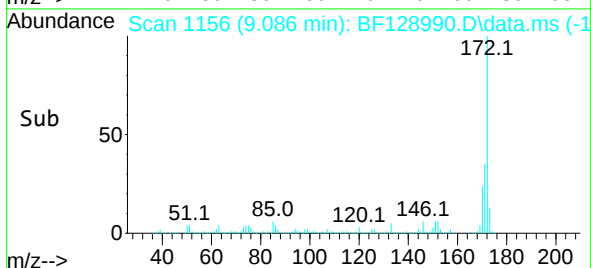
Reviewed By :Christian Giraldo 06/27/2022
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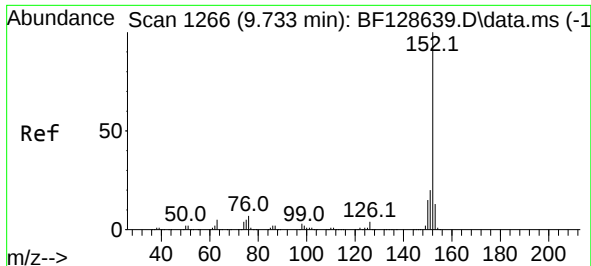


#45
2-Fluorobiphenyl
Concen: 70.677 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31



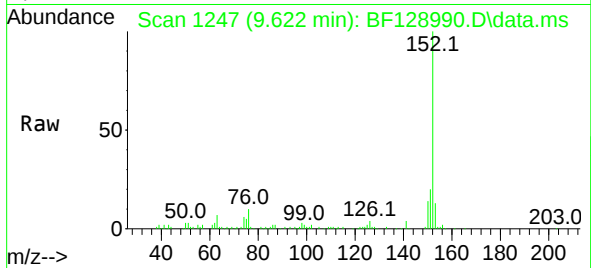
Tgt Ion:172 Resp: 1126363
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.5 19.8 29.8





#49
Acenaphthylene
Concen: 2.115 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

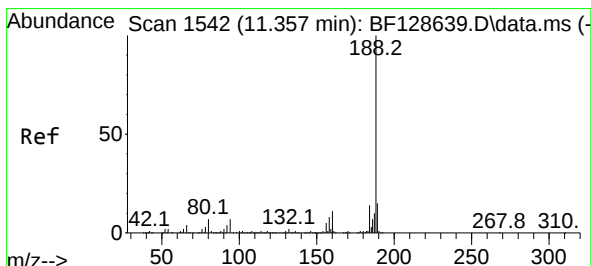
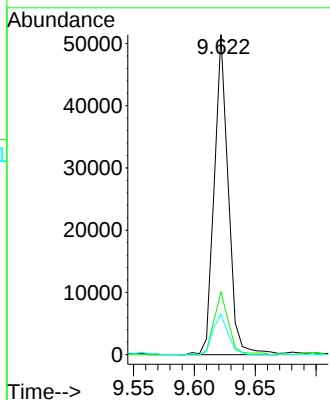
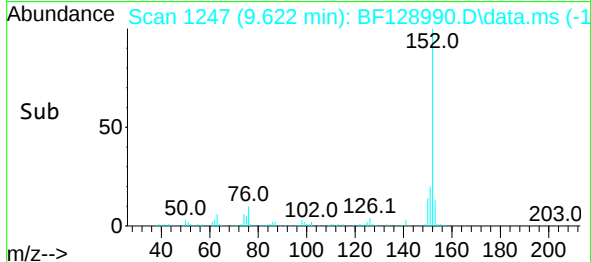
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:152 Resp: 4139
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 12.6 10.7 16.1

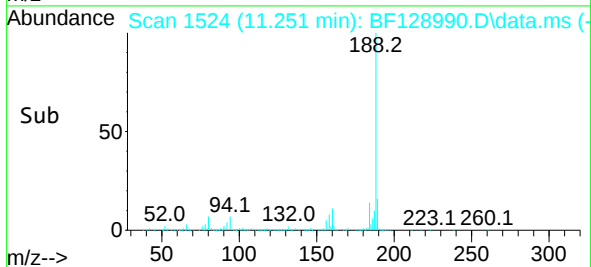
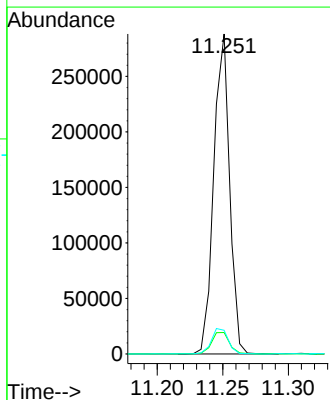
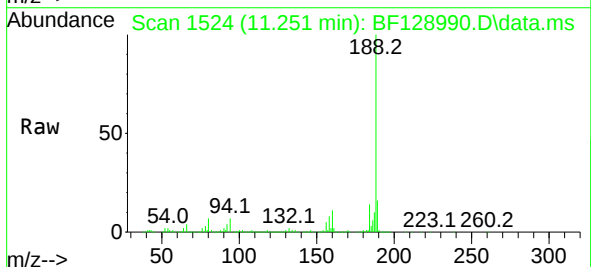
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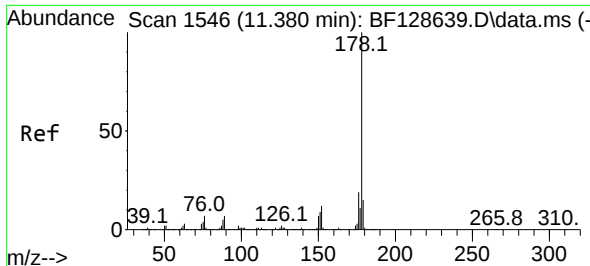
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

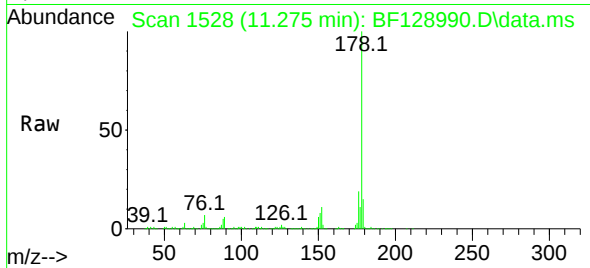
Tgt Ion:188 Resp: 241815
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 7.4 7.6 11.4#





#71
Phenanthrene
Concen: 17.032 ng
RT: 11.275 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

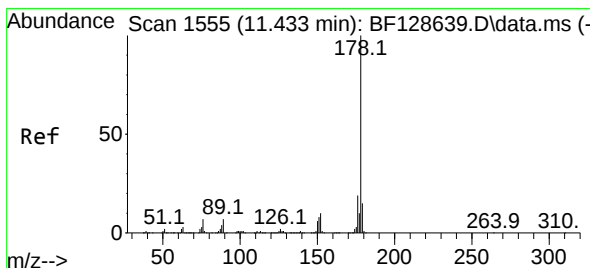
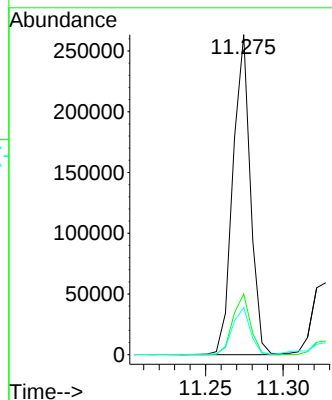
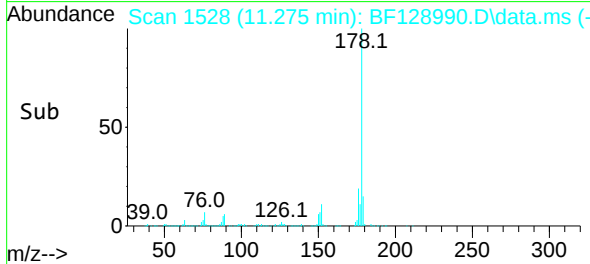
Instrument : BNA_F
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XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:178 Resp: 206579
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.8 12.6 19.0

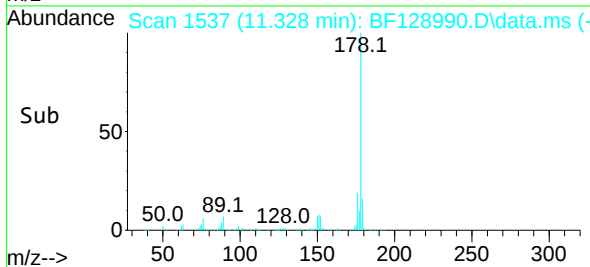
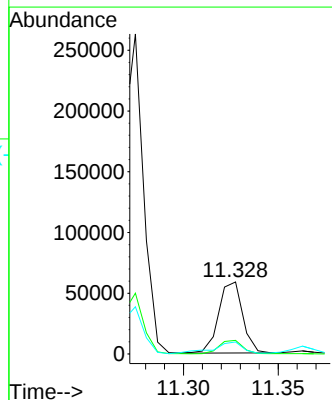
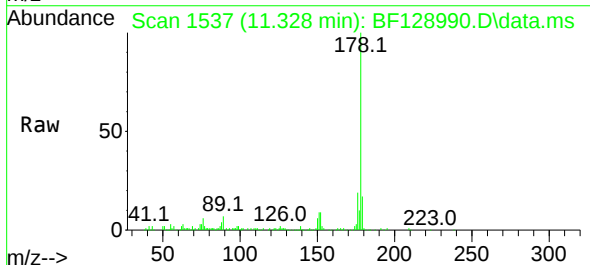
Manual Integrations
APPROVED

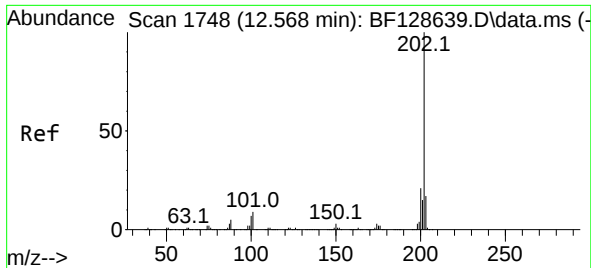
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#72
Anthracene
Concen: 4.325 ng
RT: 11.328 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

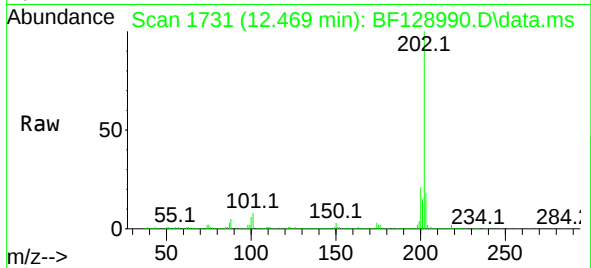
Tgt Ion:178 Resp: 51925
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.7 12.6 19.0





#75
Fluoranthene
Concen: 32.981 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

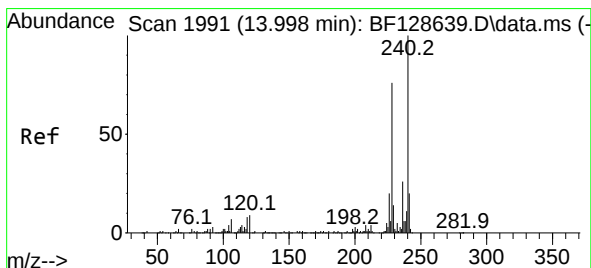
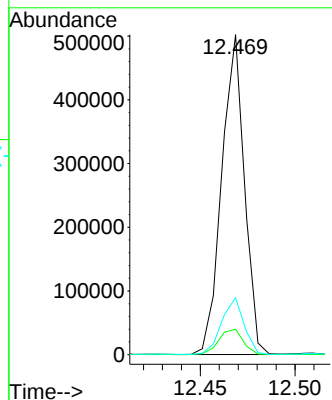
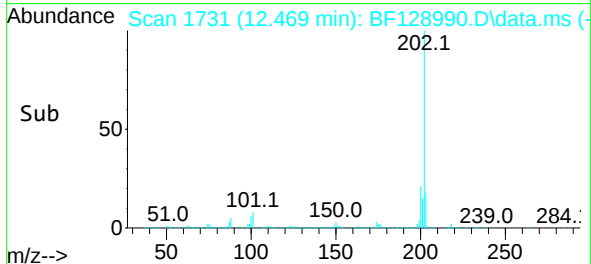
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:202 Resp: 41815
Ion Ratio Lower Upper
202 100
101 7.9 0.0 31.4
203 17.8 0.0 38.0

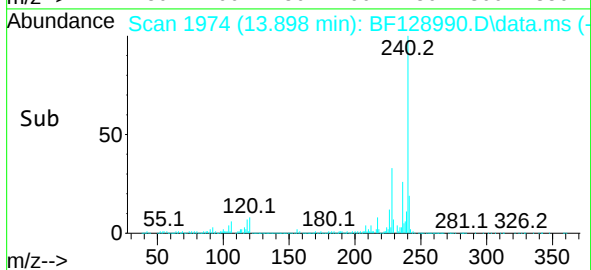
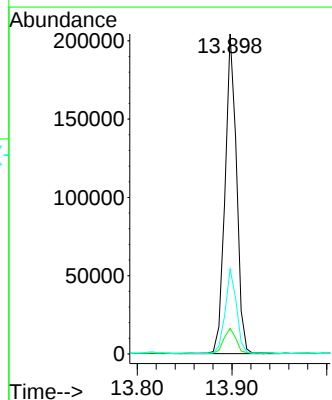
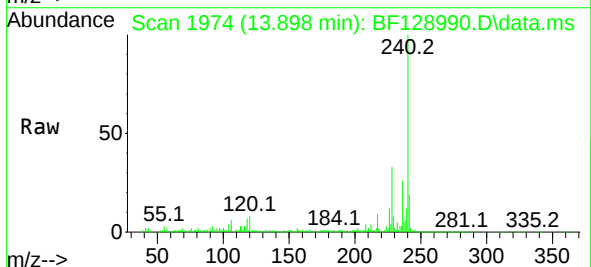
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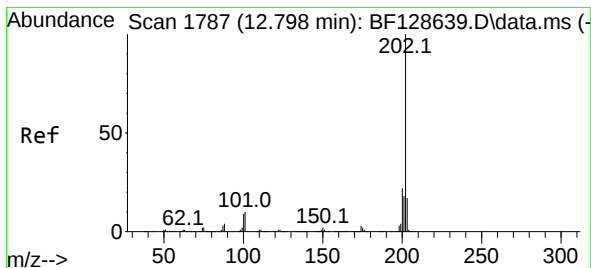
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

Tgt Ion:240 Resp: 172765
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 26.5 20.8 31.2





#78

Pyrene

Concen: 30.926 ng

RT: 12.698 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BF128990.D

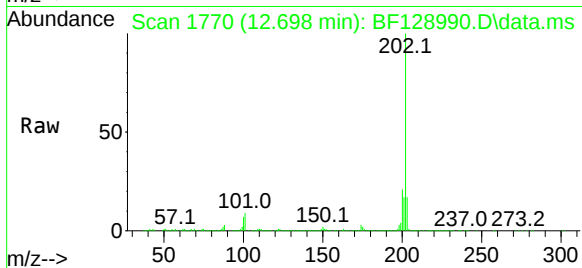
Acq: 24 Jun 2022 15:31

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:202 Resp: 397509

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

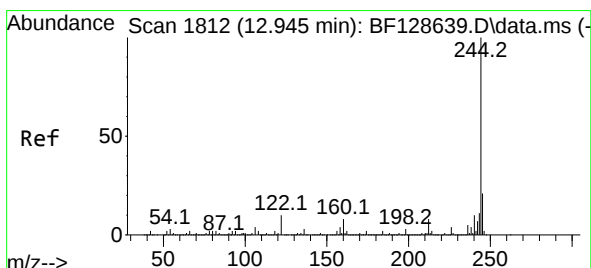
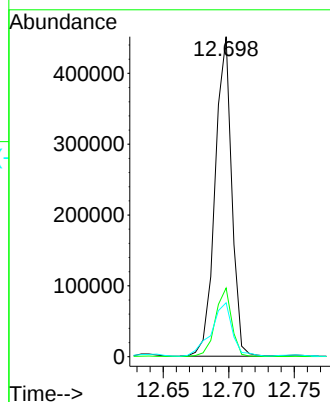
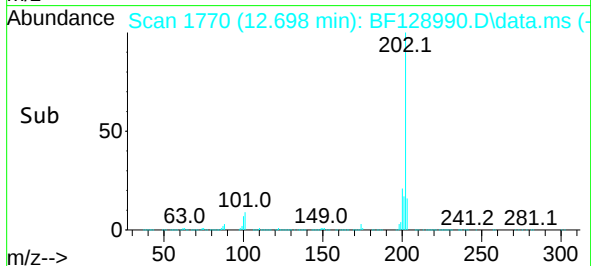
203 16.9 14.6 21.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#79

Terphenyl-d14

Concen: 68.169 ng

RT: 12.839 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF128990.D

Acq: 24 Jun 2022 15:31

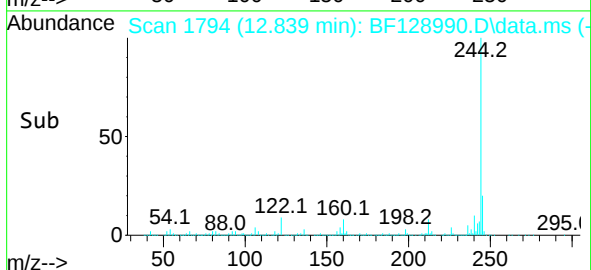
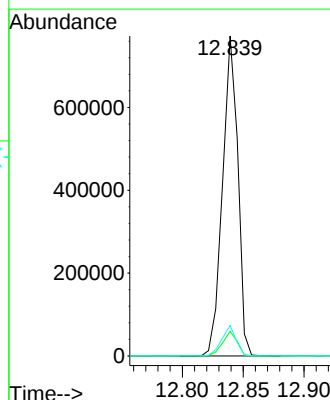
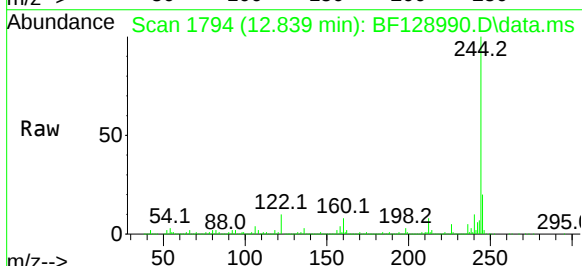
Tgt Ion:244 Resp: 677777

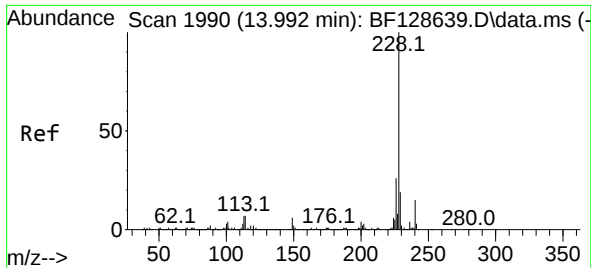
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

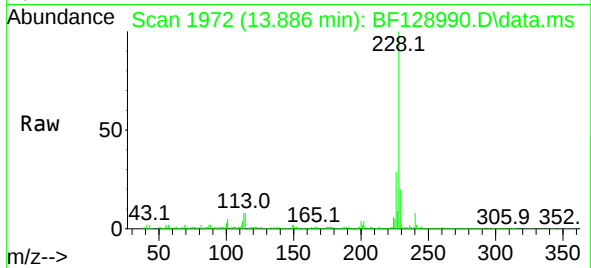
122 9.5 8.8 13.2





#81
Benzo(a)anthracene
Concen: 21.381 ng
RT: 13.886 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

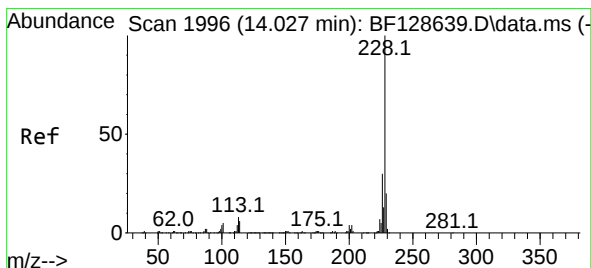
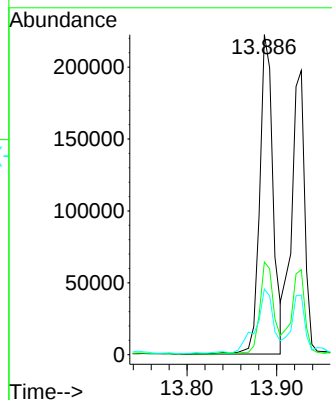
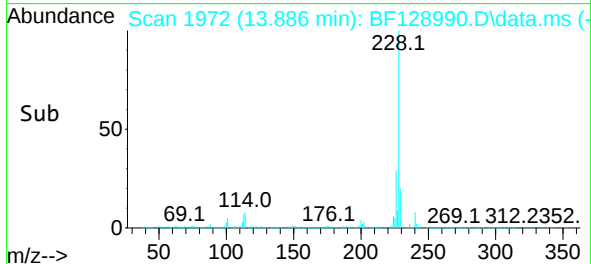
Instrument : BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:228 Resp: 23025
Ion Ratio Lower Upper
228 100
226 29.0 22.1 33.1
229 20.5 15.8 23.8

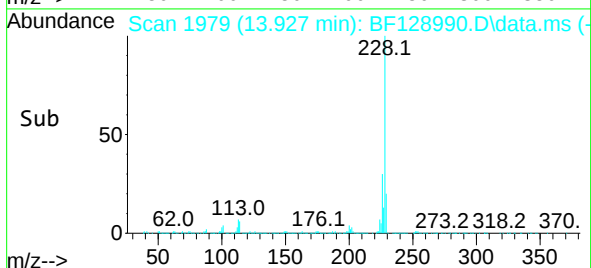
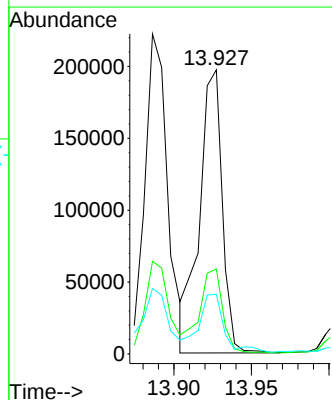
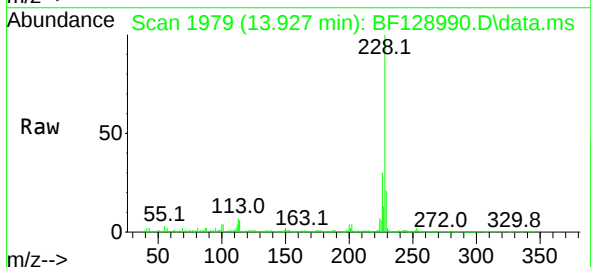
Manual Integrations
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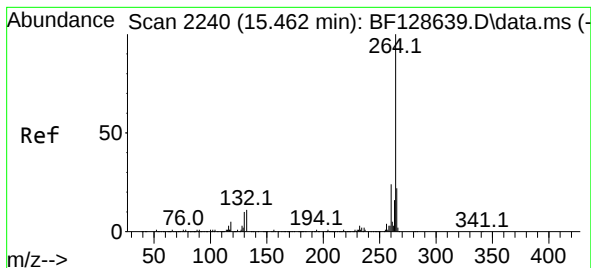
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#83
Chrysene
Concen: 19.716 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

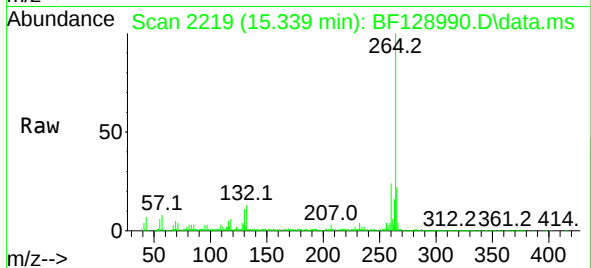
Tgt Ion:228 Resp: 202425
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 21.0 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

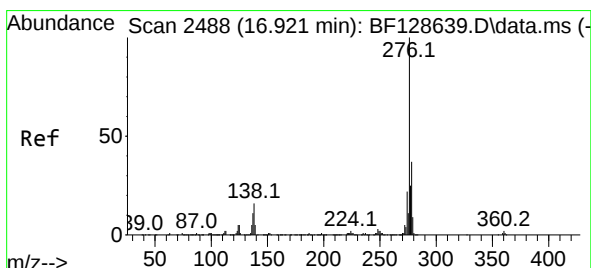
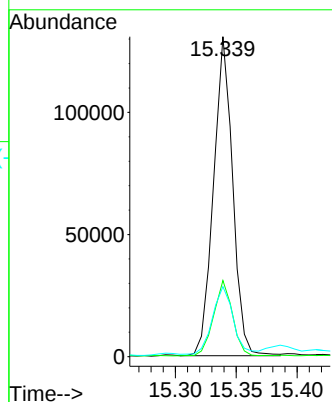
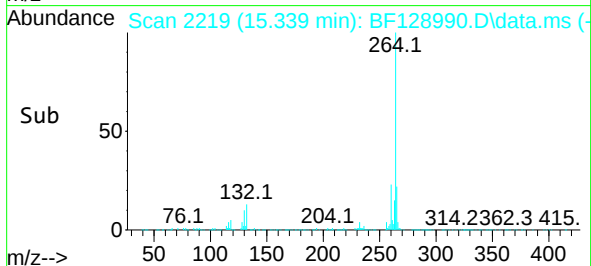
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:264 Resp: 14280
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.9 17.2 25.8

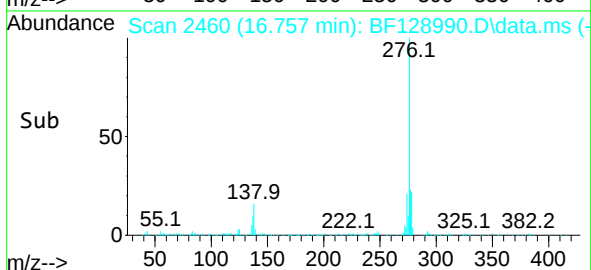
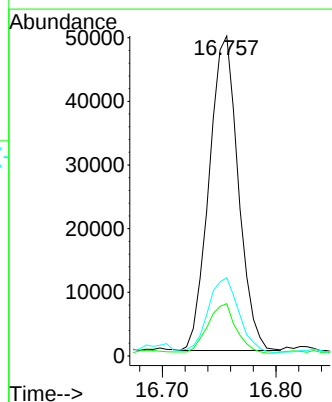
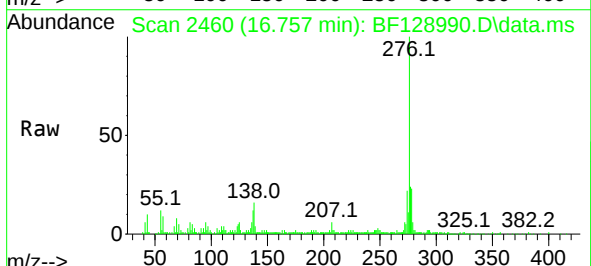
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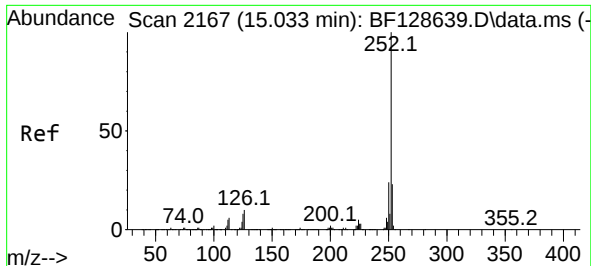
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 10.252 ng
RT: 16.757 min Scan# 2460
Delta R.T. 0.012 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

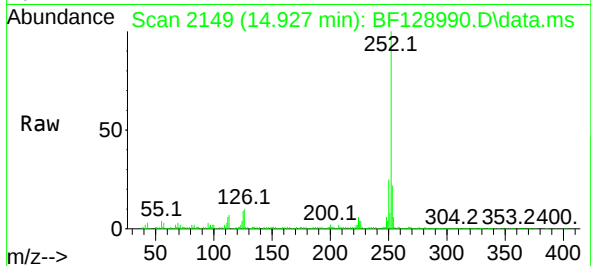
Tgt Ion:276 Resp: 88244
Ion Ratio Lower Upper
276 100
138 15.5 21.1 31.7#
277 25.0 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 28.349 ng m
RT: 14.927 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

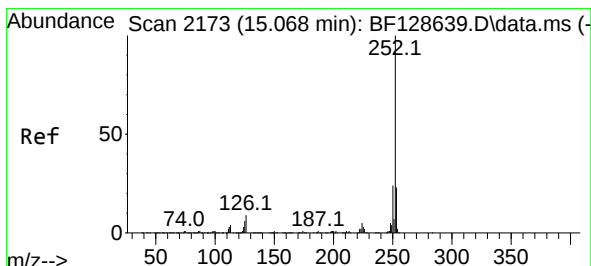
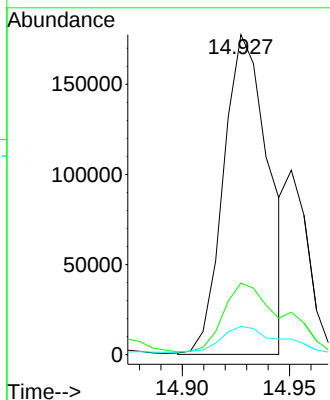
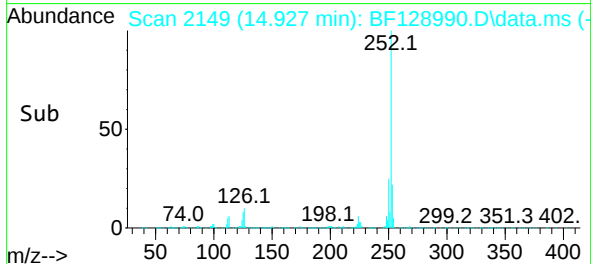
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:252 Resp: 25868
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.9 8.0 12.0

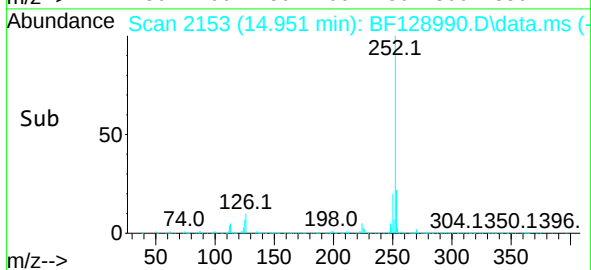
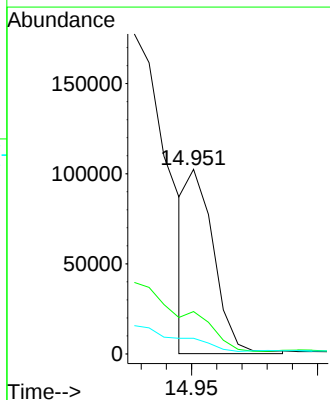
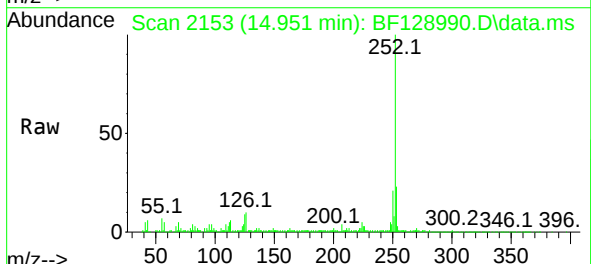
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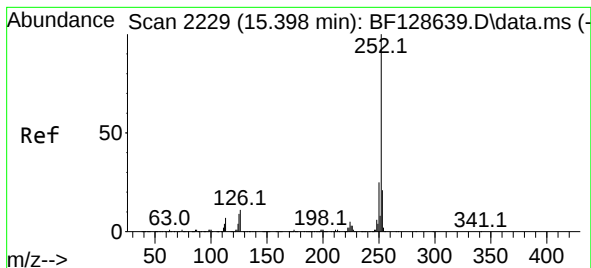
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#89
Benzo(k)fluoranthene
Concen: 8.771 ng m
RT: 14.951 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

Tgt Ion:252 Resp: 75287
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 8.5 8.3 12.5





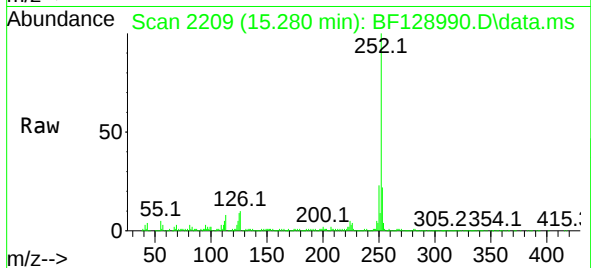
#90
Benzo(a)pyrene
Concen: 23.668 ng m
RT: 15.280 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

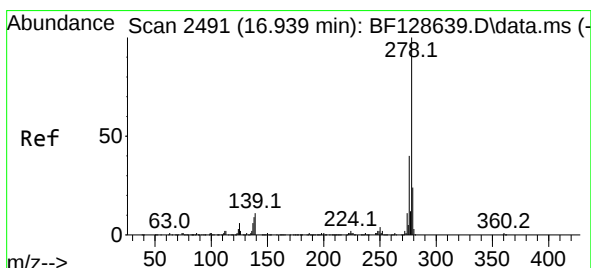
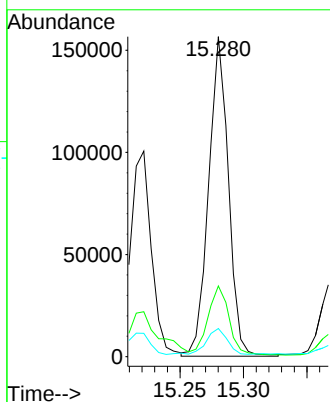
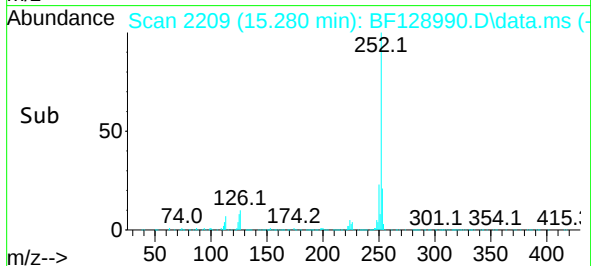


Tgt Ion:252 Resp: 169740
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.8 8.8 13.2

Manual Integrations

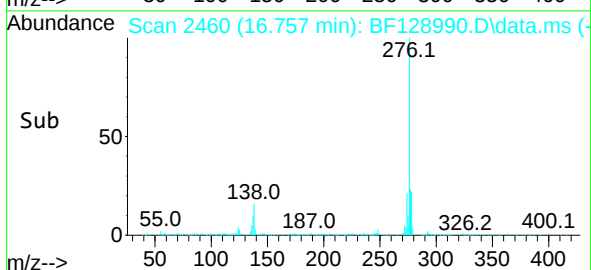
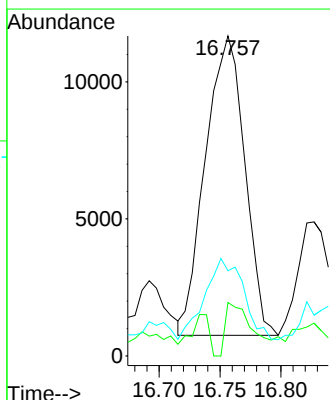
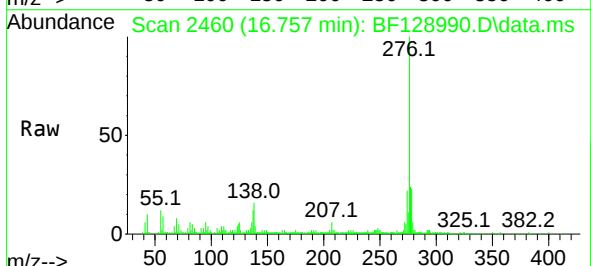
APPROVED

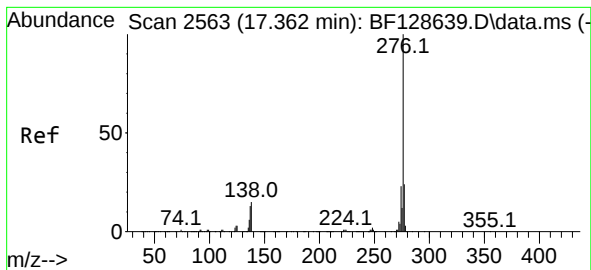
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#91
Dibenzo(a,h)anthracene
Concen: 3.435 ng
RT: 16.757 min Scan# 2460
Delta R.T. 0.006 min
Lab File: BF128990.D
Acq: 24 Jun 2022 15:31

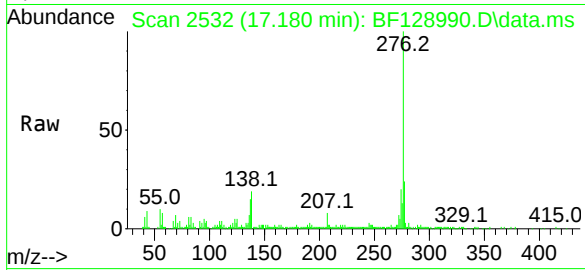
Tgt Ion:278 Resp: 24526
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 26.6 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 11.640 ng
 RT: 17.180 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF128990.D
 Acq: 24 Jun 2022 15:31

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:276 Resp: 82364
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.1 28.7
 138 19.2 18.0 27.0

Manual Integrations
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Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

