

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130003.D
 Acq On : 25 Aug 2022 17:10
 Operator : CG\JU
 Sample : N4205-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 01:00:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	108972	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	420429	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	204332	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	318589	20.000	ng	0.00
76) Chrysene-d12	13.927	240	230019	20.000	ng	0.00
86) Perylene-d12	15.374	264	246336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	674019	102.409	ng	0.00
7) Phenol-d6	6.416	99	829339	100.623	ng	0.00
23) Nitrobenzene-d5	7.322	82	532165	67.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	187876	91.612	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	944002	70.168	ng	0.00
79) Terphenyl-d14	12.863	244	807100	58.385	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.304	178	65293	3.670	ng	99
75) Fluoranthene	12.492	202	99452	5.462	ng	98
78) Pyrene	12.727	202	92182	4.612	ng	98
81) Benzo(a)anthracene	13.916	228	51348	3.245	ng	98
83) Chrysene	13.951	228	43232	2.919	ng	99
88) Benzo(b)fluoranthene	14.957	252	61804m	3.664	ng	
90) Benzo(a)pyrene	15.315	252	46219	3.479	ng	97

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

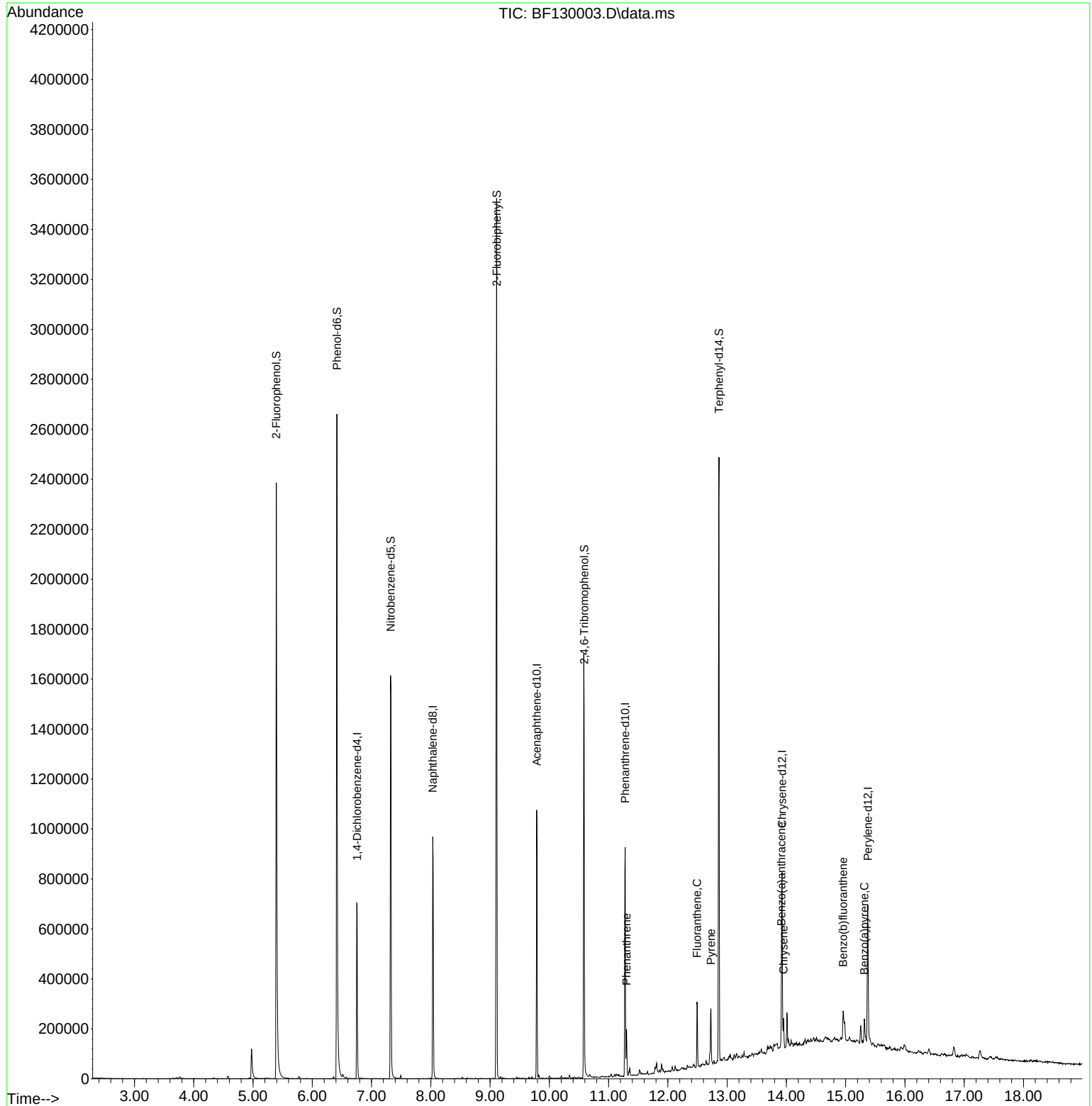
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130003.D
Acq On : 25 Aug 2022 17:10
Operator : CG\JU
Sample : N4205-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

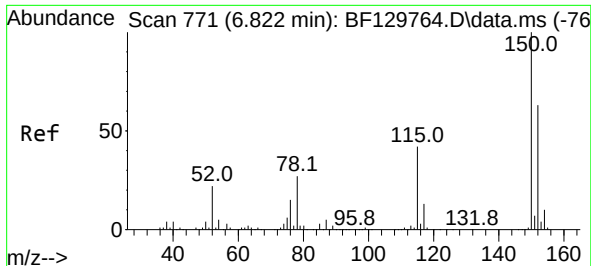
Instrument :
BNA_F
ClientSampleId :
SS-6

Quant Time: Aug 26 01:00:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

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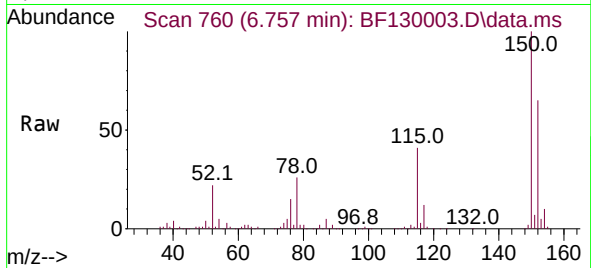
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Supervised By : Jagrut Upadhyay 08/26/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF130003.D
 Acq: 25 Aug 2022 17:10

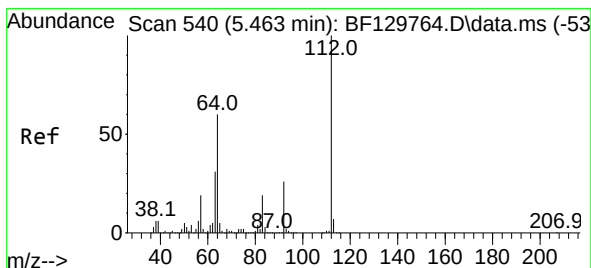
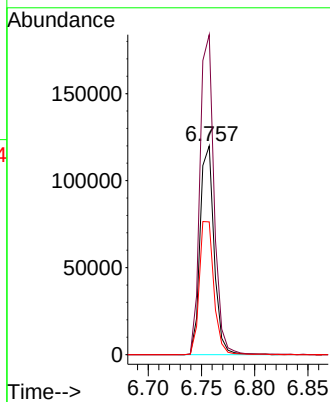
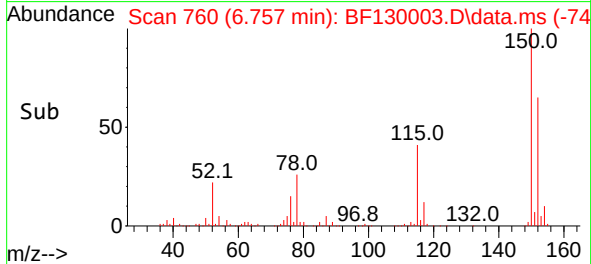
Instrument :
 BNA_F
 ClientSampleId :
 SS-6



Tgt Ion:152 Resp: 108972
 Ion Ratio Lower Upper
 152 100
 150 153.3 126.9 190.3
 115 63.6 53.4 80.0

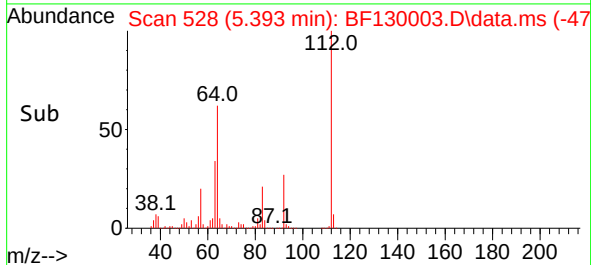
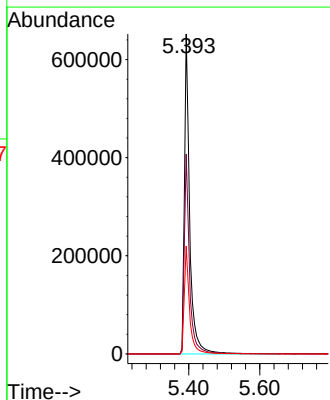
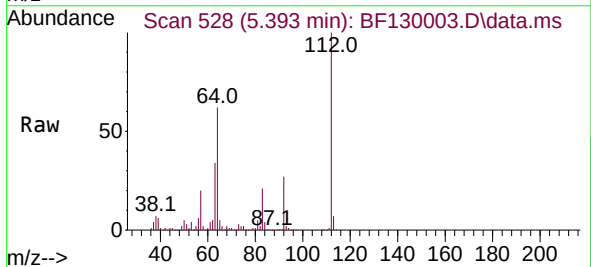
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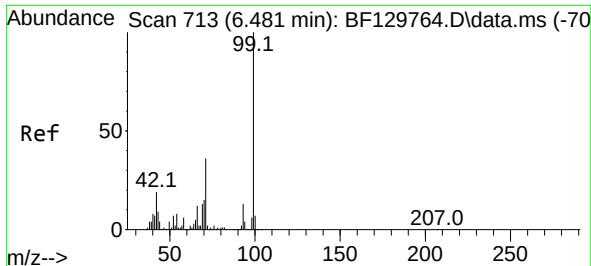
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#5
 2-Fluorophenol
 Concen: 102.409 ng
 RT: 5.393 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: BF130003.D
 Acq: 25 Aug 2022 17:10

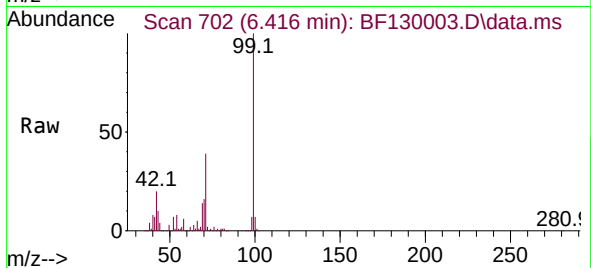
Tgt Ion:112 Resp: 674019
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.6 71.4
 63 33.7 24.6 37.0





#7
Phenol-d6
Concen: 100.623 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

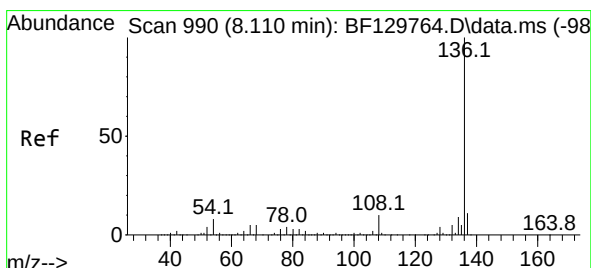
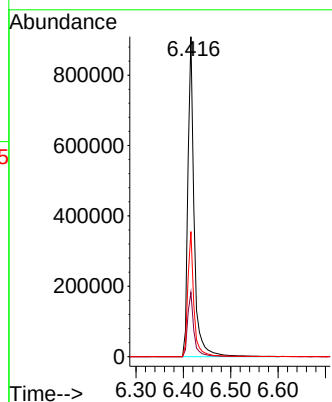
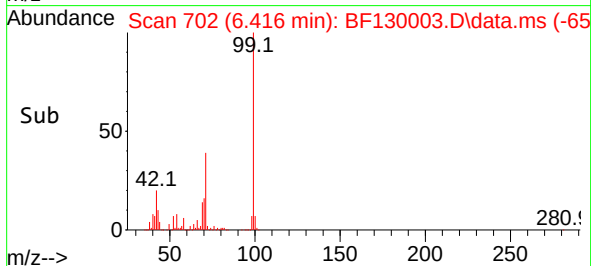
Instrument :
BNA_F
ClientSampleId :
SS-6



Tgt Ion: 99 Resp: 829339
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 39.1 28.8 43.2

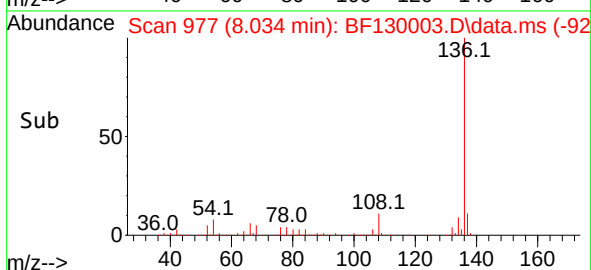
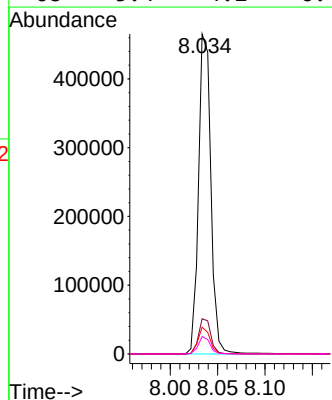
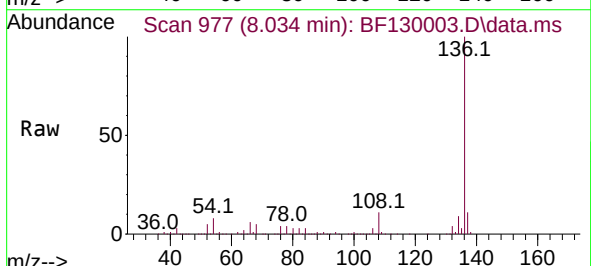
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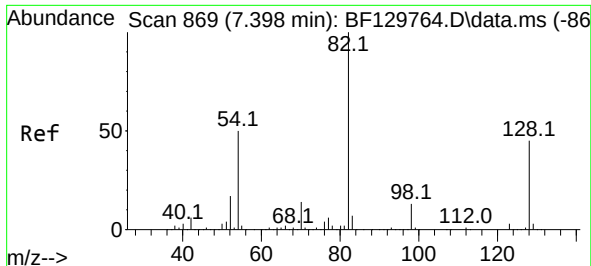
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

Tgt Ion:136 Resp: 420429
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.3 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 67.759 ng

RT: 7.322 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF130003.D

Acq: 25 Aug 2022 17:10

Instrument :

BNA_F

ClientSampleId :

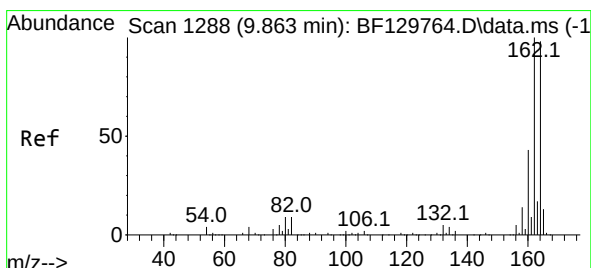
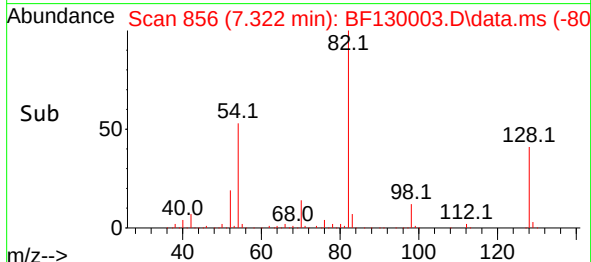
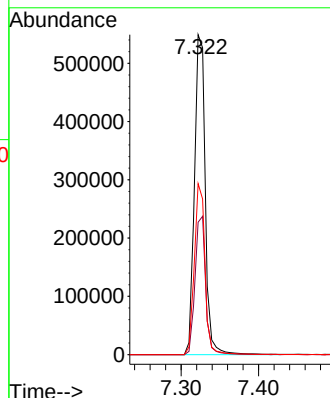
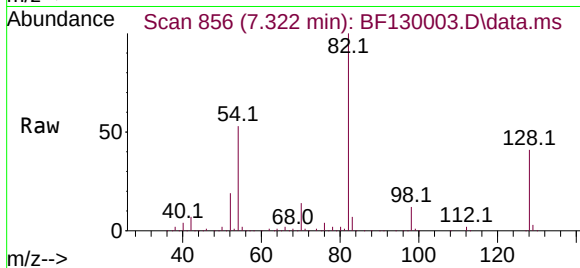
SS-6

Tgt Ion: 82 Resp: 532165
 Ion Ratio Lower Upper
 82 100
 128 41.4 36.1 54.1
 54 53.4 40.0 60.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

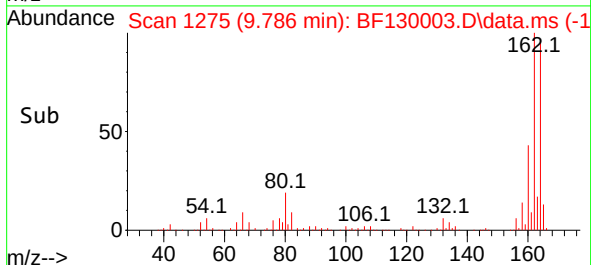
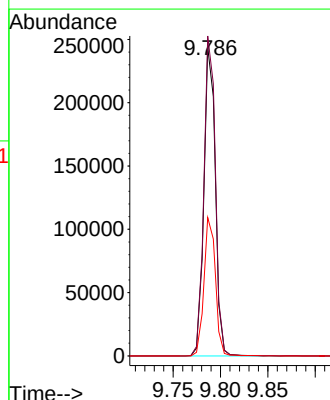
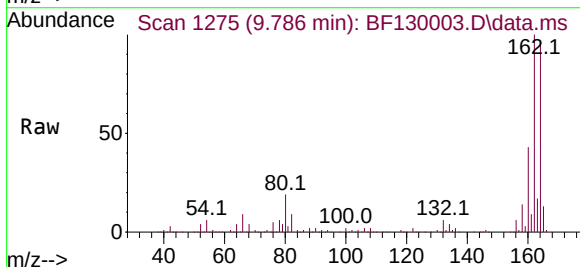
RT: 9.786 min Scan# 1275

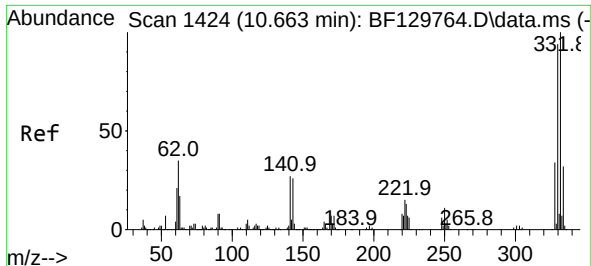
Delta R.T. -0.006 min

Lab File: BF130003.D

Acq: 25 Aug 2022 17:10

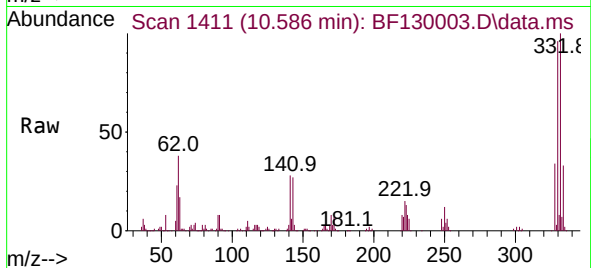
Tgt Ion:164 Resp: 204332
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.0 123.0
 160 44.8 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 91.612 ng
RT: 10.586 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

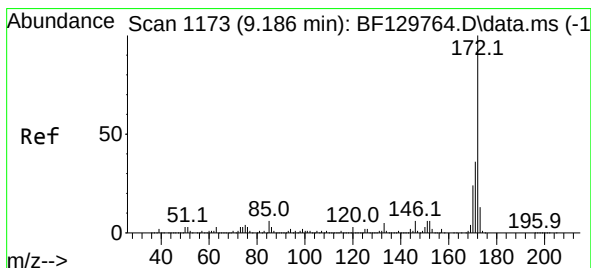
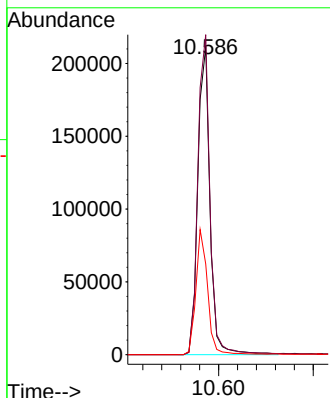
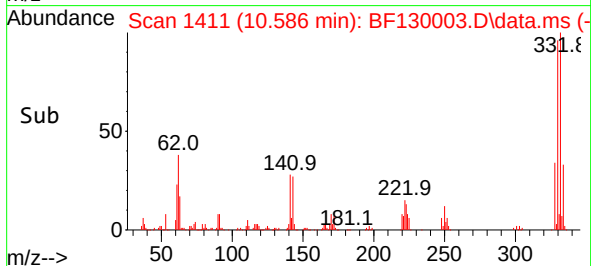
Instrument :
BNA_F
ClientSampleId :
SS-6



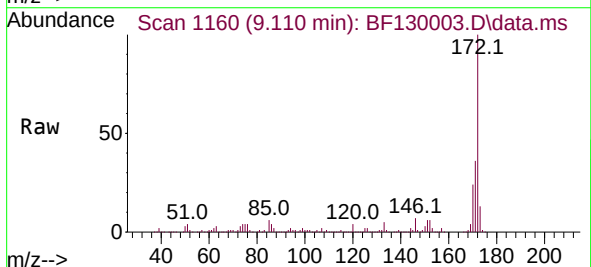
Tgt Ion: 330 Resp: 187876
Ion Ratio Lower Upper
330 100
332 104.8 82.6 124.0
141 39.0 27.6 41.4

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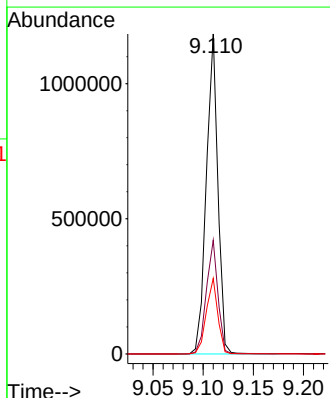
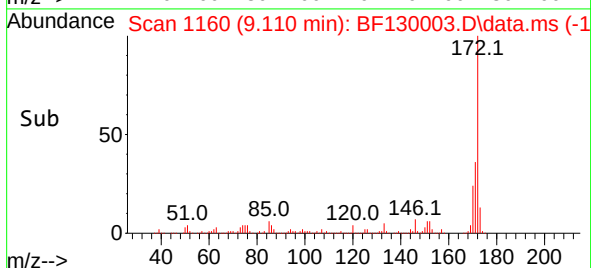
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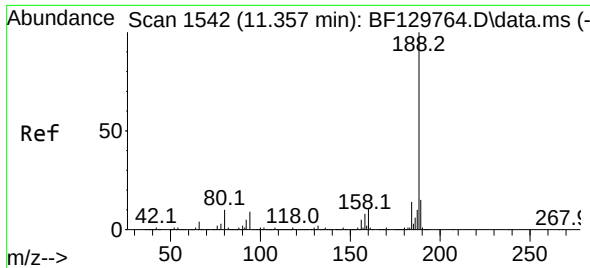


#45
2-Fluorobiphenyl
Concen: 70.168 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10



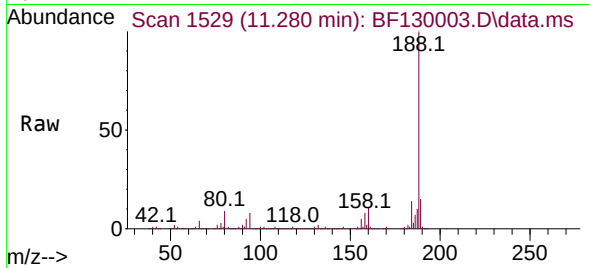
Tgt Ion: 172 Resp: 944002
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11280
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

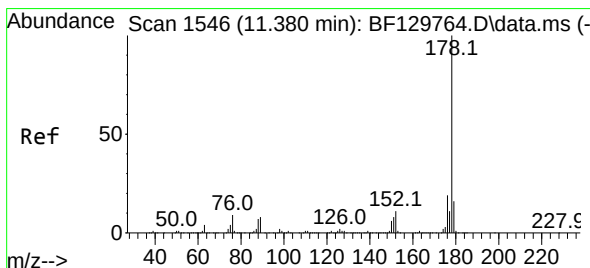
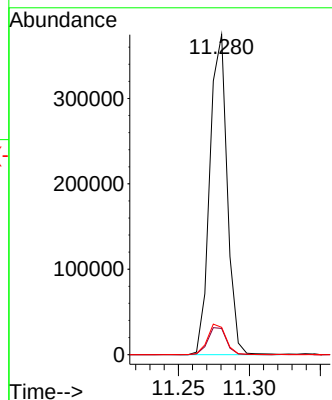
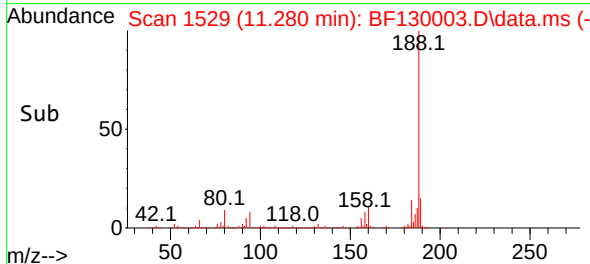
Instrument :
BNA_F
ClientSampleId :
SS-6



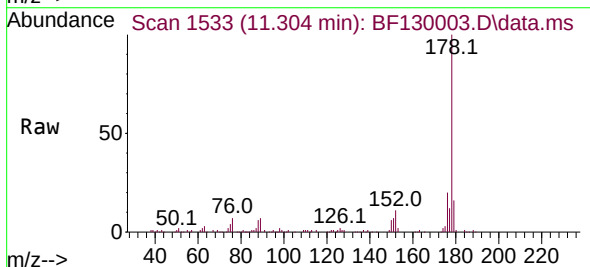
Tgt Ion:188 Resp: 318589
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.5 7.9 11.9

Manual Integrations
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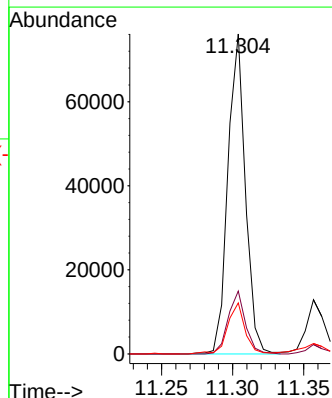
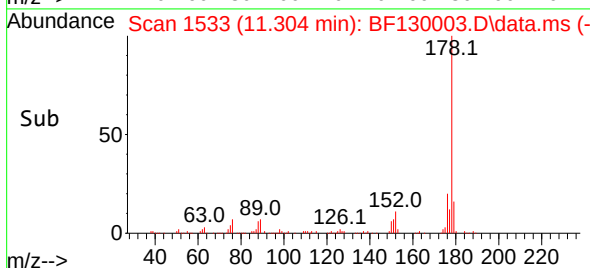
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

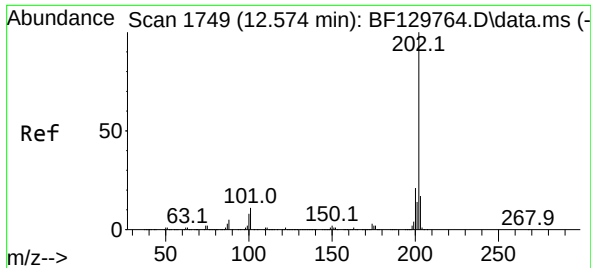


#71
Phenanthrene
Concen: 3.670 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10



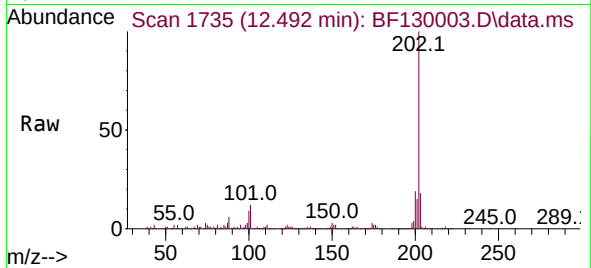
Tgt Ion:178 Resp: 65293
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.9 12.5 18.7





#75
Fluoranthene
Concen: 5.462 ng
RT: 12.492 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

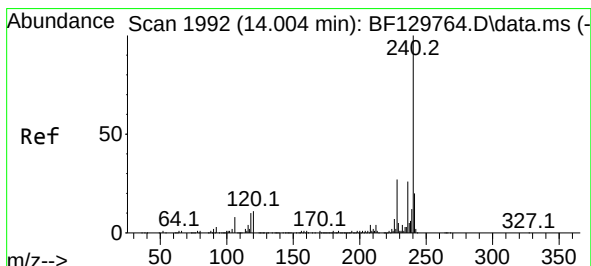
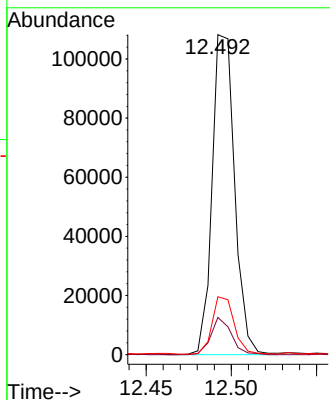
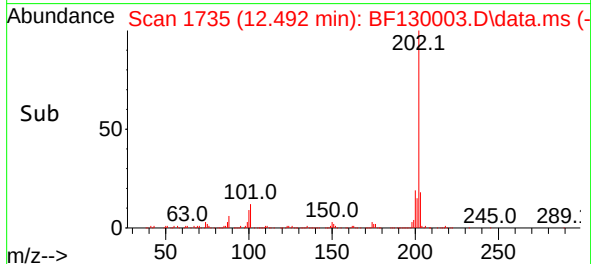
Instrument :
BNA_F
ClientSampleId :
SS-6



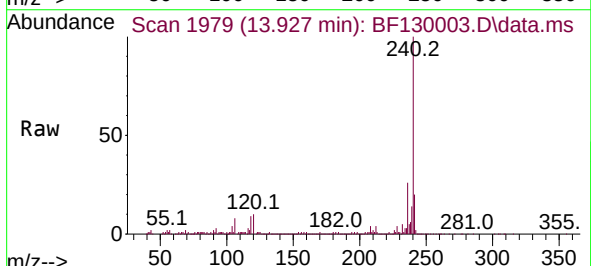
Tgt Ion:202 Resp: 99452
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 18.1 0.0 37.5

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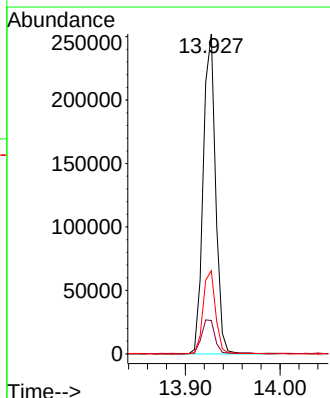
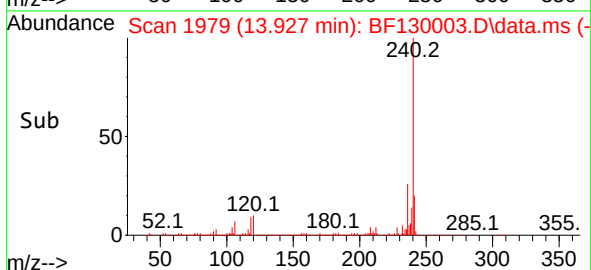
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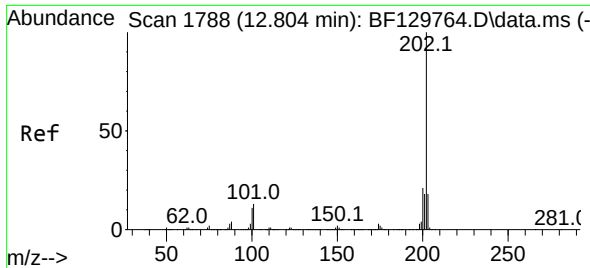


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10



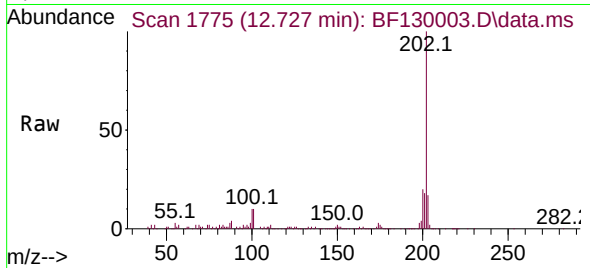
Tgt Ion:240 Resp: 230019
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.0 20.7 31.1





#78
Pyrene
Concen: 4.612 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

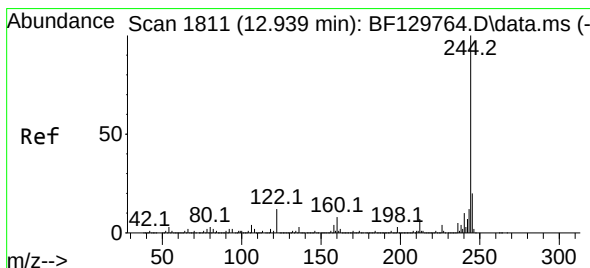
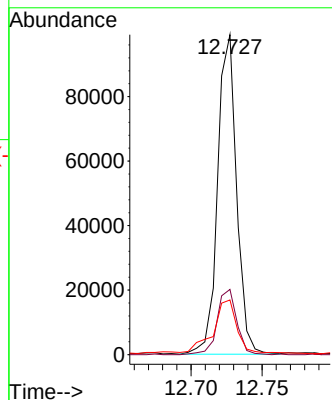
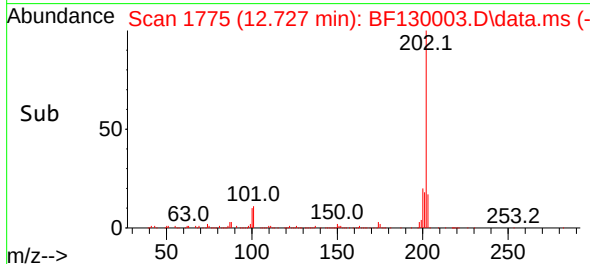
Instrument :
BNA_F
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SS-6



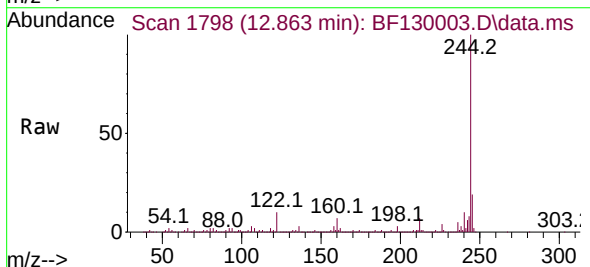
Tgt Ion:202 Resp: 92182
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.1 14.1 21.1

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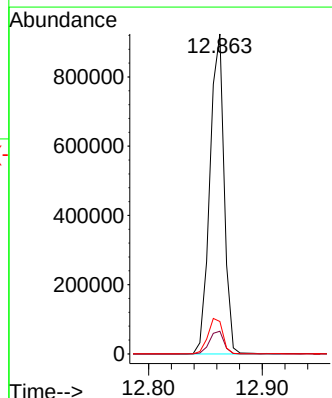
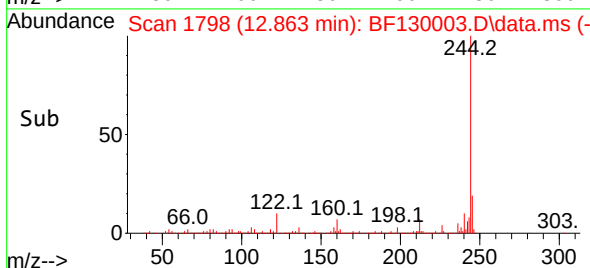
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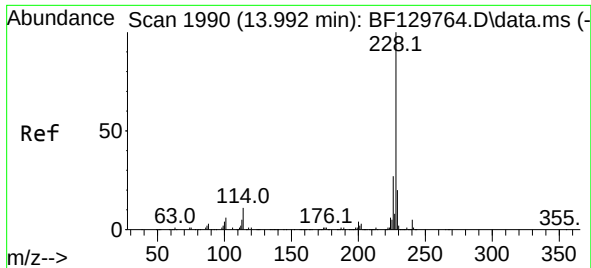


#79
Terphenyl-d14
Concen: 58.385 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10



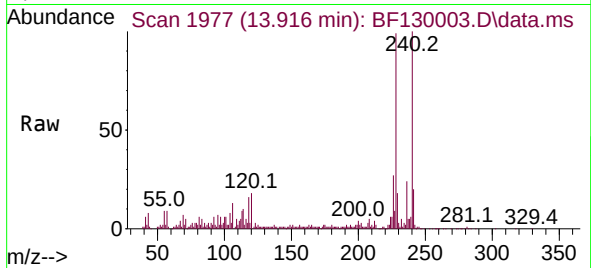
Tgt Ion:244 Resp: 807100
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.1 9.9 14.9





#81
Benzo(a)anthracene
Concen: 3.245 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

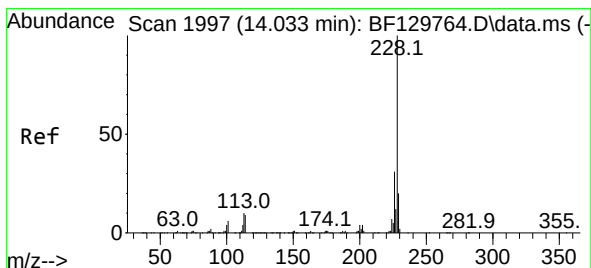
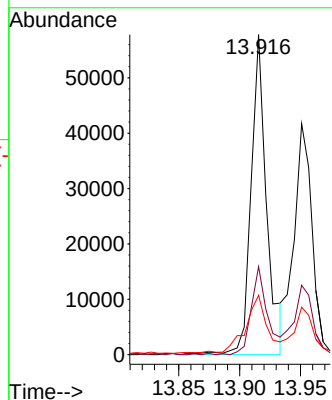
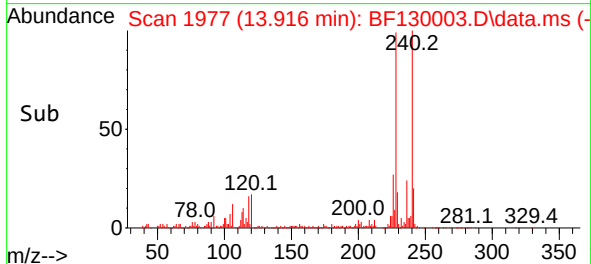
Instrument :
BNA_F
ClientSampleId :
SS-6



Tgt Ion:228 Resp: 51348
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 18.5 16.1 24.1

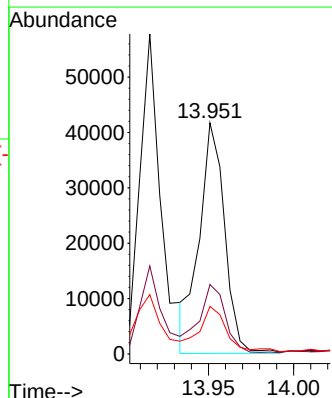
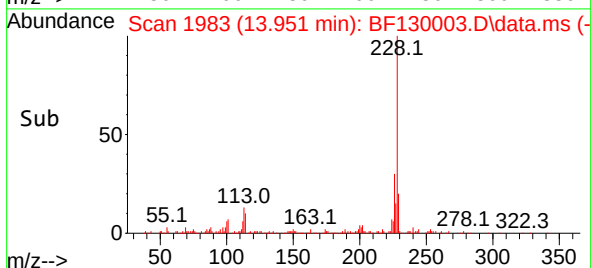
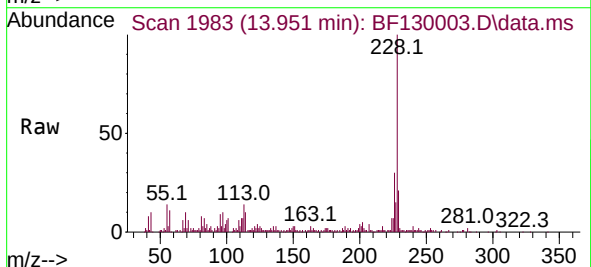
Manual Integrations
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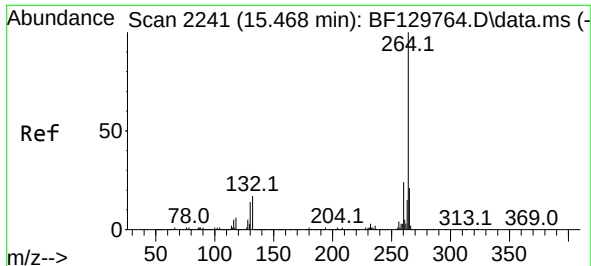
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#83
Chrysene
Concen: 2.919 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

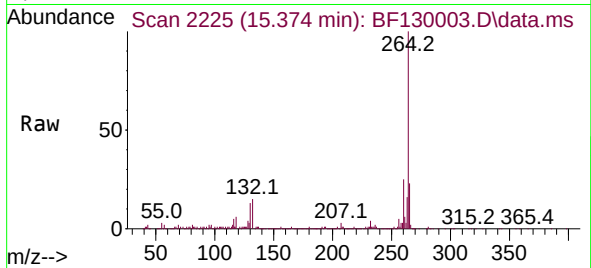
Tgt Ion:228 Resp: 43232
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

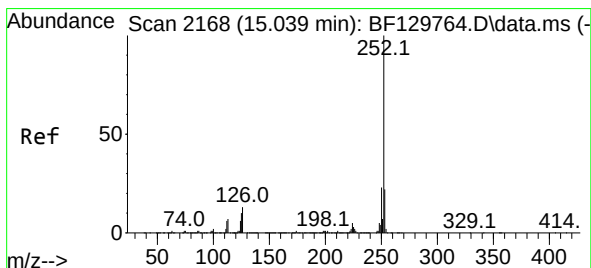
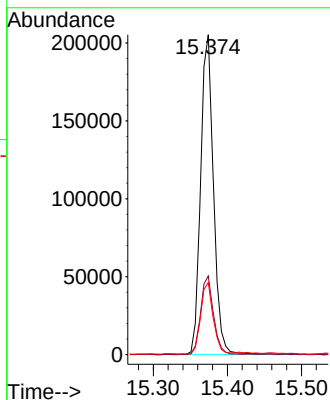
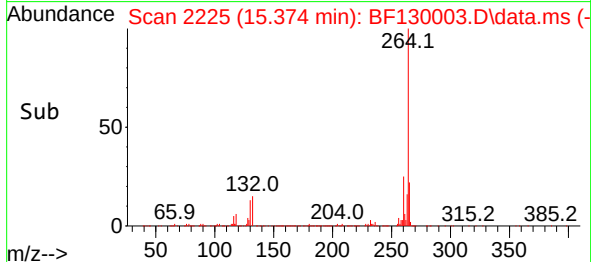
Instrument :
BNA_F
ClientSampleId :
SS-6



Tgt Ion:264 Resp: 246336
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.5 16.7 25.1

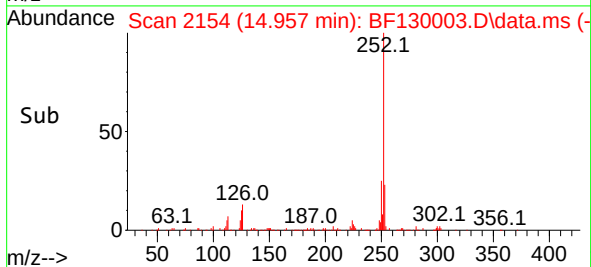
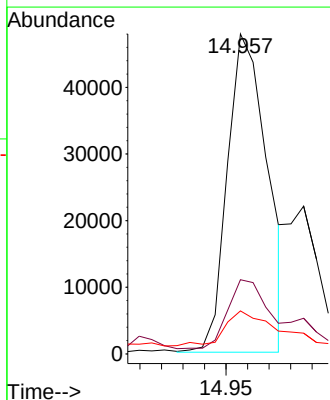
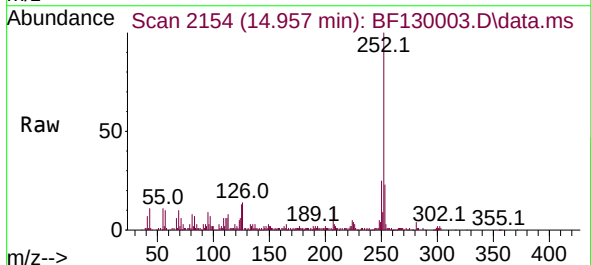
Manual Integrations
APPROVED

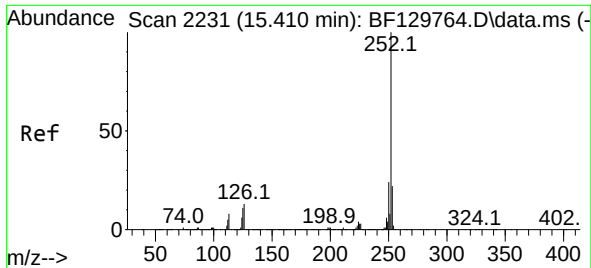
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#88
Benzo(b)fluoranthene
Concen: 3.664 ng m
RT: 14.957 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

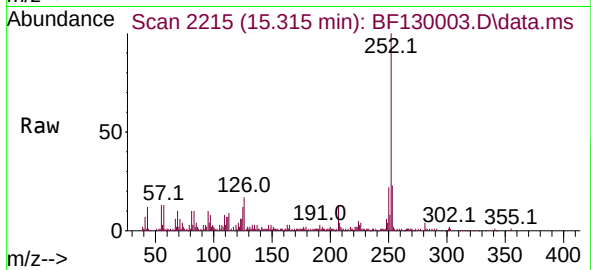
Tgt Ion:252 Resp: 61804
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 13.4 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 3.479 ng
RT: 15.315 min Scan# 221
Delta R.T. 0.006 min
Lab File: BF130003.D
Acq: 25 Aug 2022 17:10

Instrument :
BNA_F
ClientSampleId :
SS-6



Tgt Ion:252 Resp: 46219
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 11.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

