

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130939.D
 Acq On : 02 Nov 2022 20:01
 Operator : CG\JU
 Sample : N5395-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3-103122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : Jagrut Upadhyay 11/03/2022

Quant Time: Nov 03 03:46:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	72012	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	275412	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	142566	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	233161	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	144916	20.000	ng	-0.01
86) Perylene-d12	15.621	264	146758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	483481	116.393	ng	0.00
7) Phenol-d6	6.545	99	607019	112.454	ng	0.00
23) Nitrobenzene-d5	7.487	82	415687	91.011	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	150329	125.262	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	665863	70.613	ng	0.00
79) Terphenyl-d14	13.051	244	525329	66.428	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	19507	3.793	ng	84
71) Phenanthrene	11.480	178	37565	3.122	ng	99
75) Fluoranthene	12.674	202	76208	5.960	ng	98
78) Pyrene	12.904	202	63082	5.160	ng	99
81) Benzo(a)anthracene	14.098	228	32366	3.369	ng	96
83) Chrysene	14.133	228	30107	3.249	ng	97
88) Benzo(b)fluoranthene	15.168	252	42751m	4.506	ng	
90) Benzo(a)pyrene	15.551	252	28937	3.794	ng	95
92) Benzo(g,h,i)perylene	17.615	276	18918	2.334	ng	# 90

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

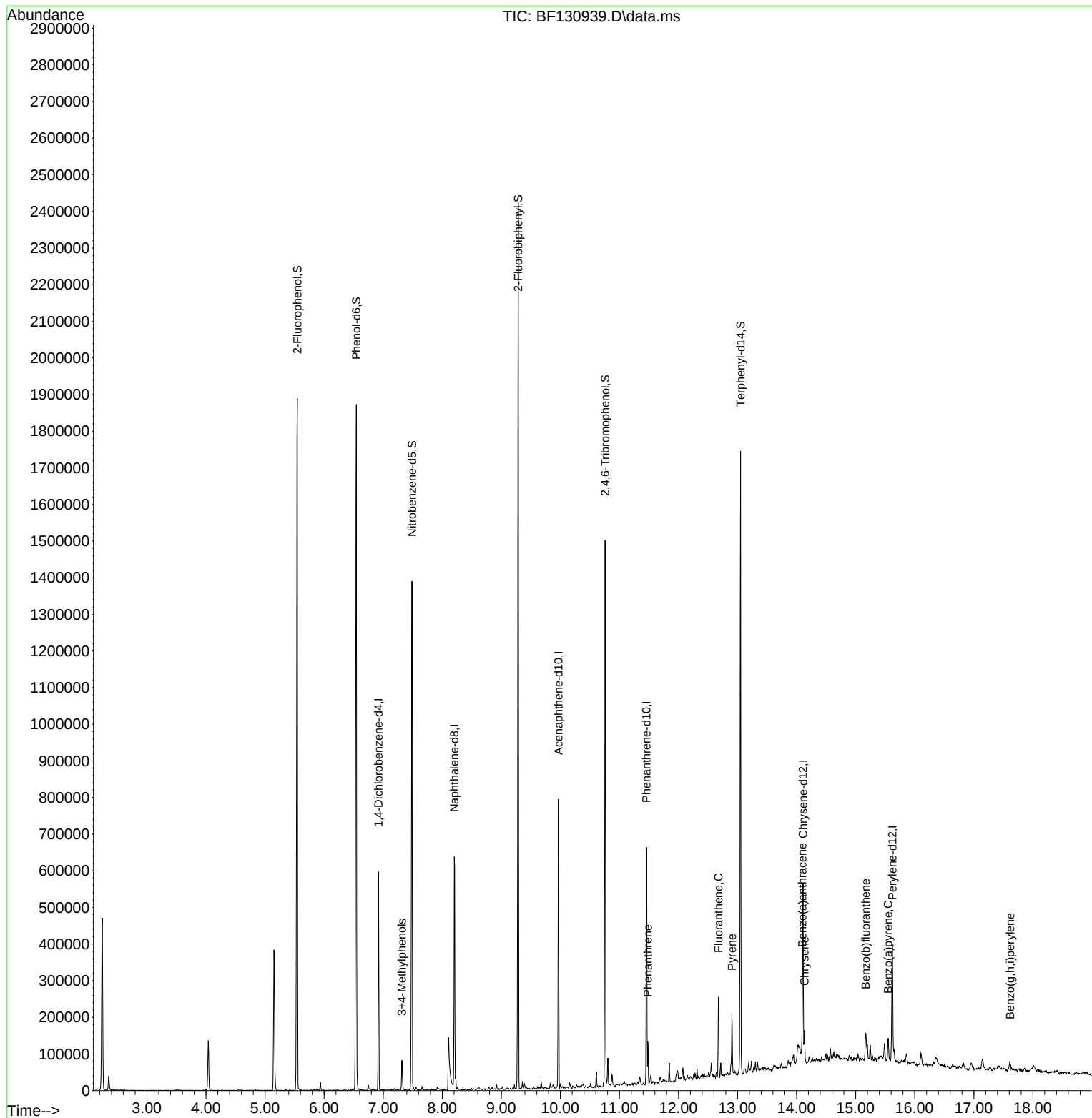
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130939.D
Acq On : 02 Nov 2022 20:01
Operator : CG\JU
Sample : N5395-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-3-103122

Quant Time: Nov 03 03:46:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

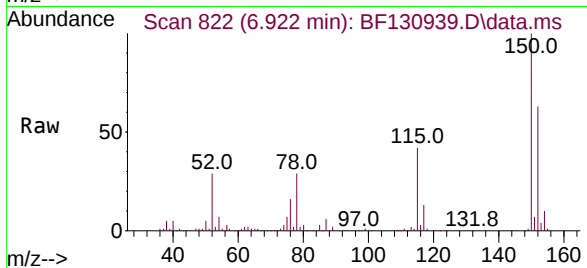
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

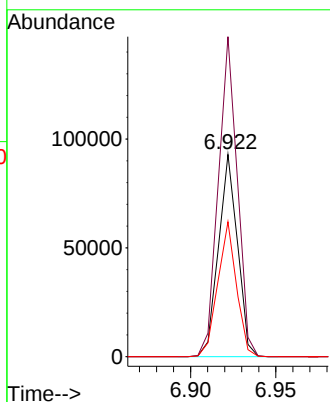
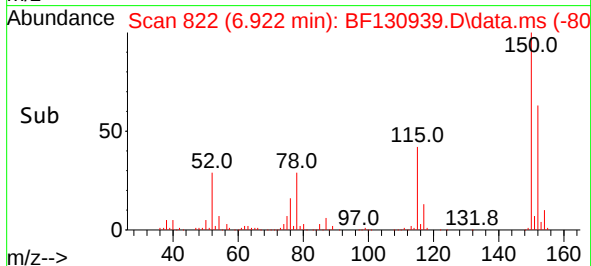
Instrument :
BNA_F
ClientSampleId :
S-3-103122



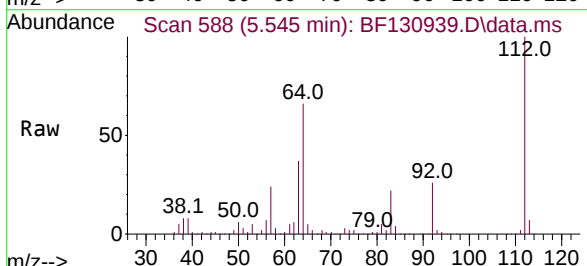
Tgt Ion:152 Resp: 72012
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 66.6 50.1 75.1

Manual Integrations
APPROVED

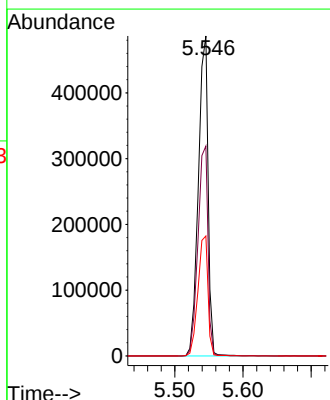
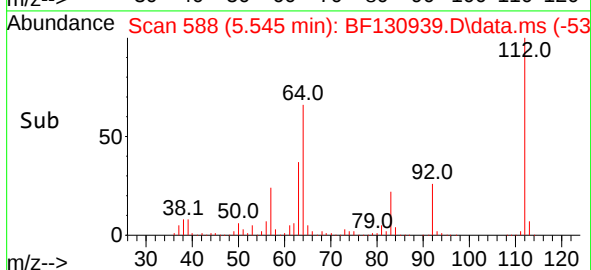
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#5
2-Fluorophenol
Concen: 116.393 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01



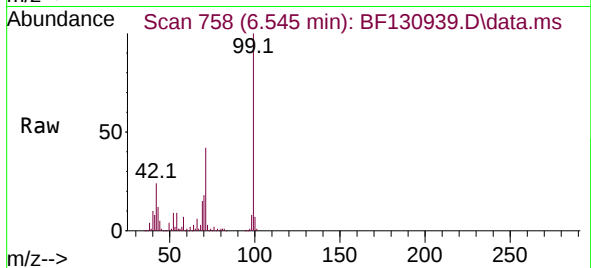
Tgt Ion:112 Resp: 483481
Ion Ratio Lower Upper
112 100
64 65.6 53.9 80.9
63 37.5 29.4 44.2





#7
Phenol-d6
Concen: 112.454 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

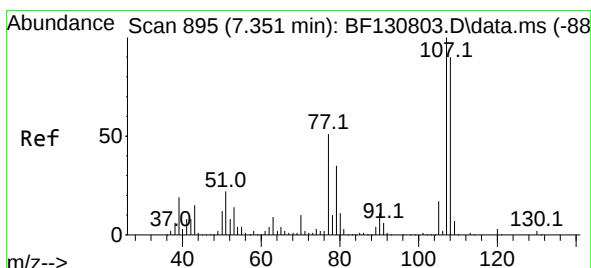
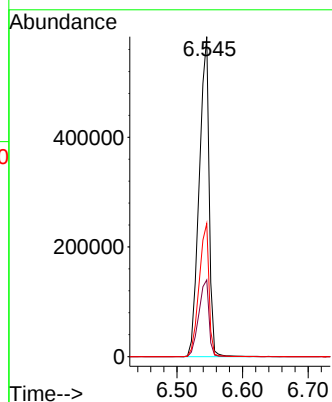
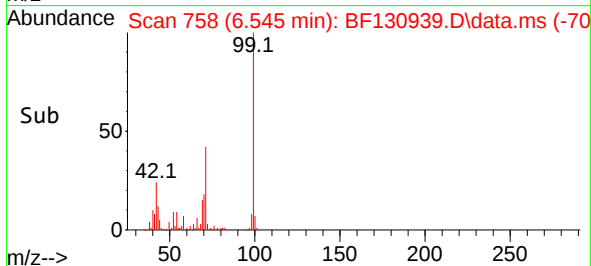
Instrument :
BNA_F
ClientSampleId :
S-3-103122



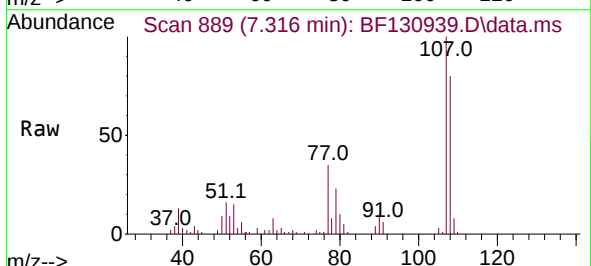
Tgt Ion: 99 Resp: 607019
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 41.6 31.4 47.0

Manual Integrations
APPROVED

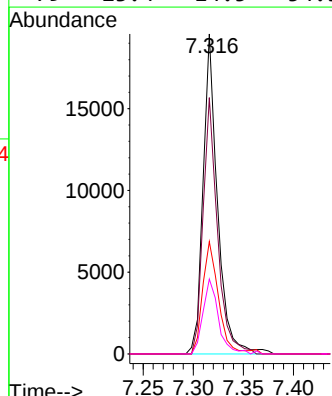
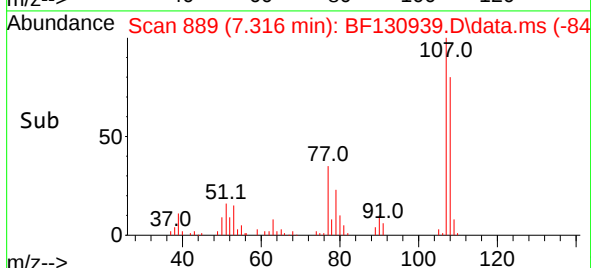
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

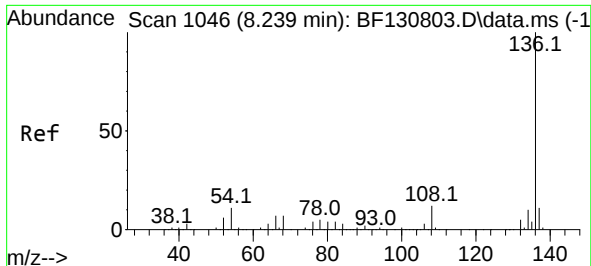


#20
3+4-Methylphenols
Concen: 3.793 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01



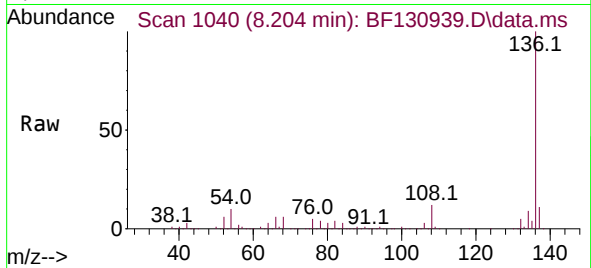
Tgt Ion:107 Resp: 19507
Ion Ratio Lower Upper
107 100
108 80.1 70.4 110.4
77 35.1 31.1 71.1
79 23.4 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

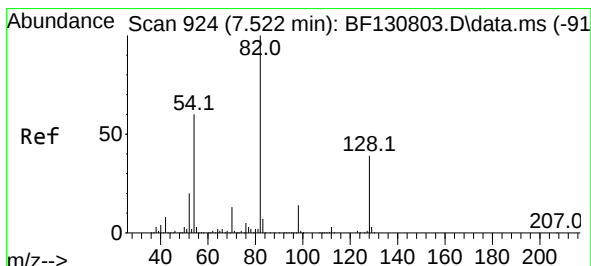
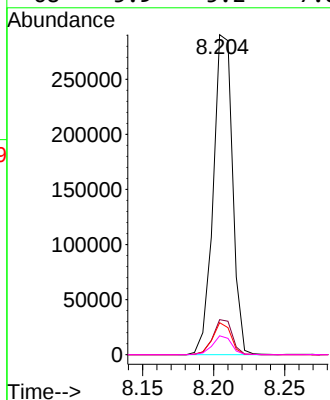
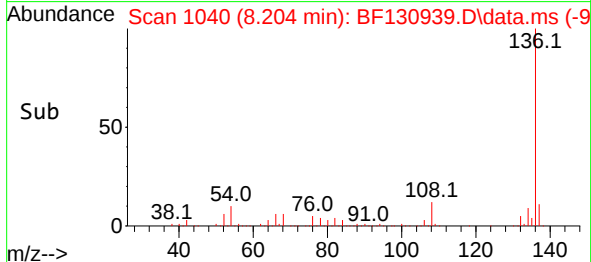
Instrument :
BNA_F
ClientSampleId :
S-3-103122



Tgt Ion:136 Resp: 275412
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.0 8.8 13.2
68 5.9 5.2 7.8

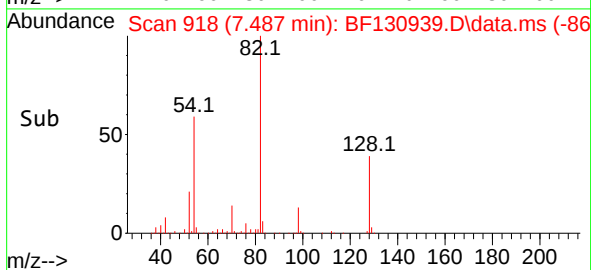
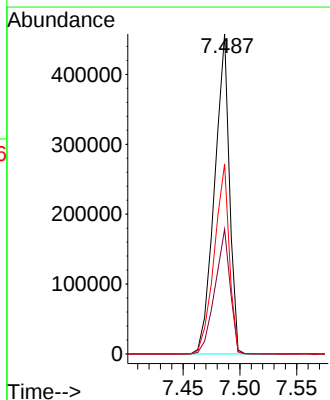
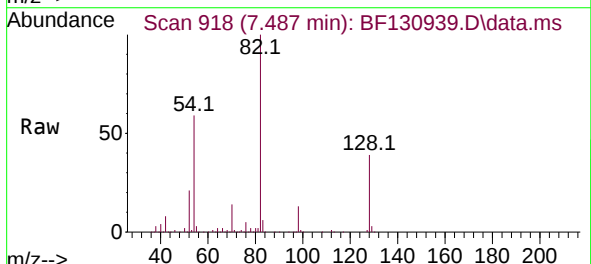
Manual Integrations
APPROVED

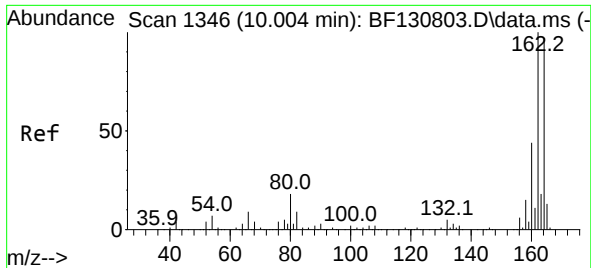
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 91.011 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

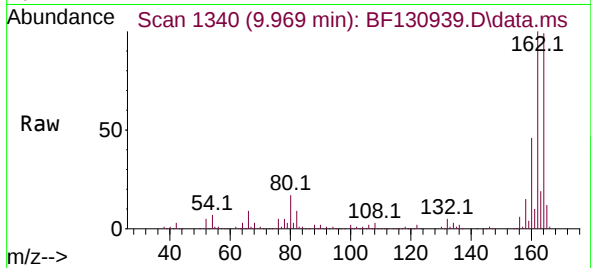
Tgt Ion: 82 Resp: 415687
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 59.4 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

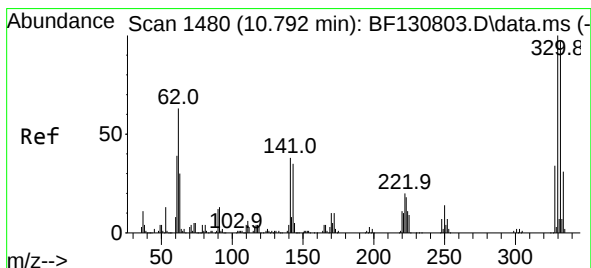
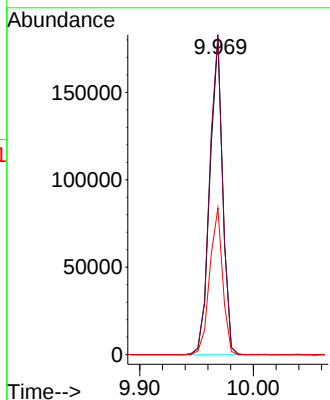
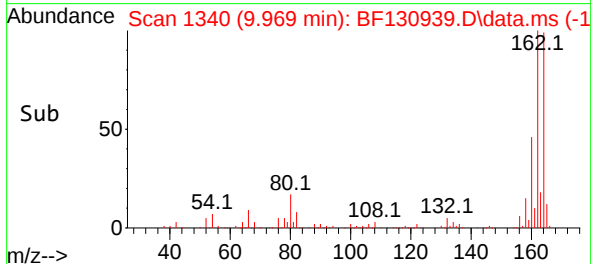
Instrument :
BNA_F
ClientSampleId :
S-3-103122



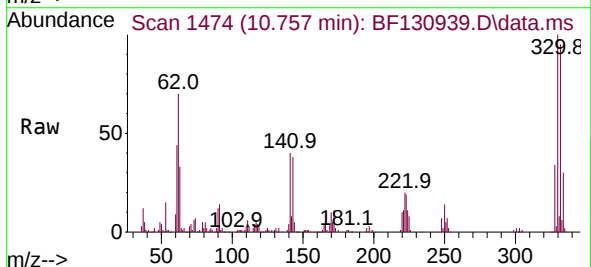
Tgt Ion:164 Resp: 142566
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 46.3 36.6 54.8

Manual Integrations
APPROVED

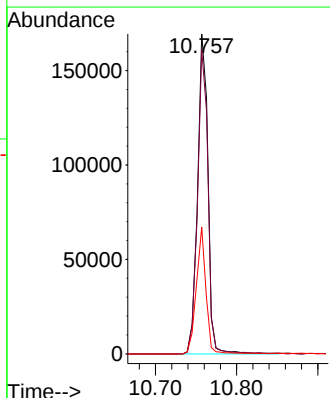
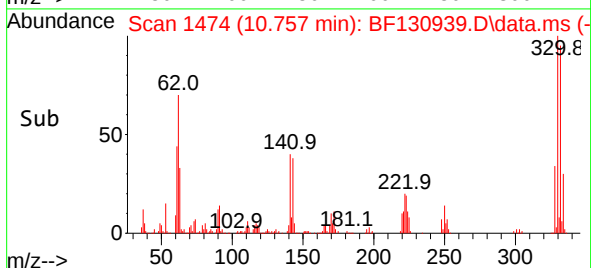
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

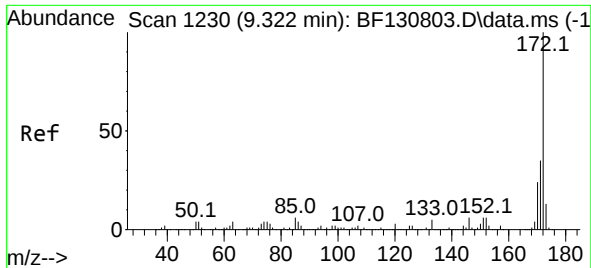


#42
2,4,6-Tribromophenol
Concen: 125.262 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01



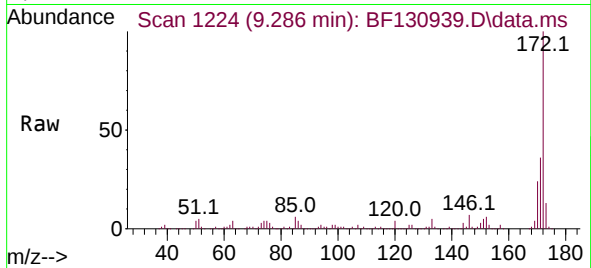
Tgt Ion:330 Resp: 150329
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 36.5 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 70.613 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

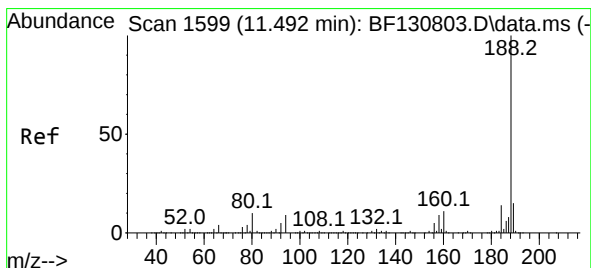
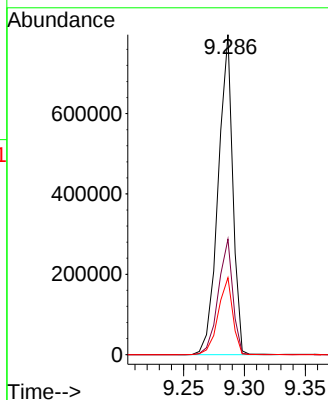
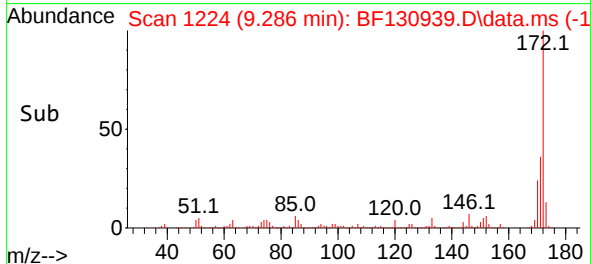
Instrument :
BNA_F
ClientSampleId :
S-3-103122



Tgt Ion:172 Resp: 665863
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.0 19.0 28.4

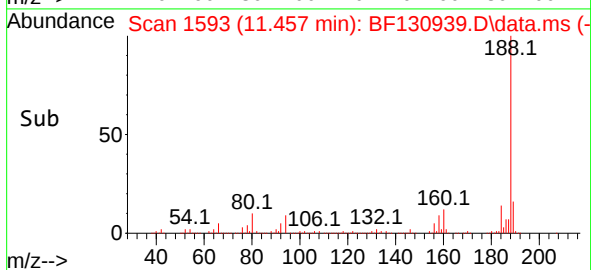
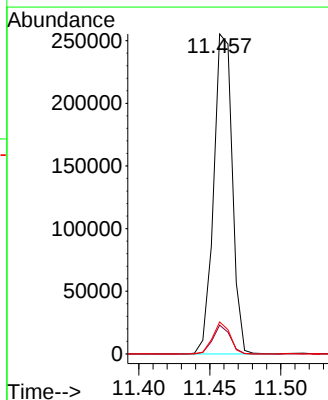
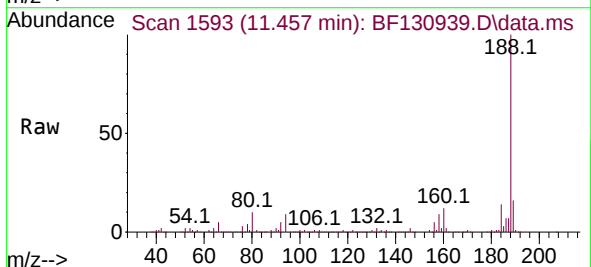
Manual Integrations
APPROVED

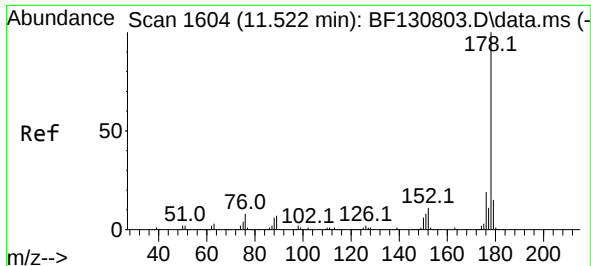
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

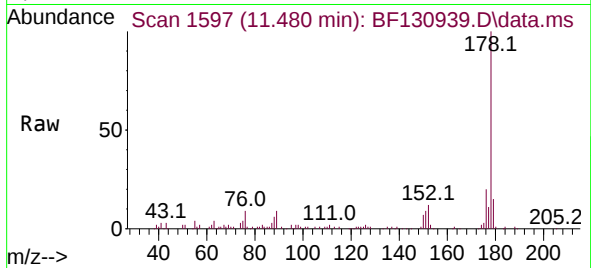
Tgt Ion:188 Resp: 233161
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.0 12.0





#71
Phenanthrene
Concen: 3.122 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

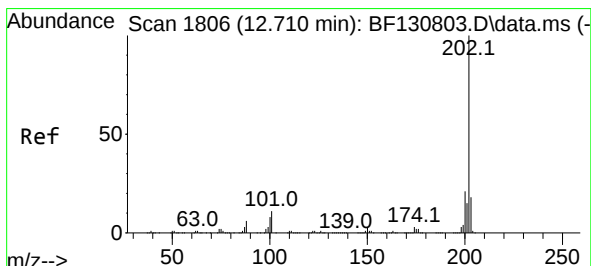
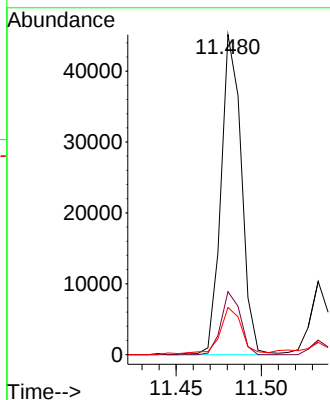
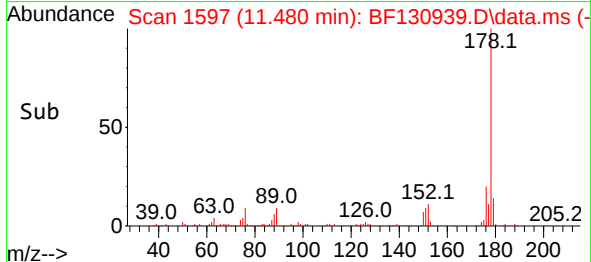
Instrument :
BNA_F
ClientSampleId :
S-3-103122



Tgt Ion:178 Resp: 3756
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 14.7 12.2 18.2

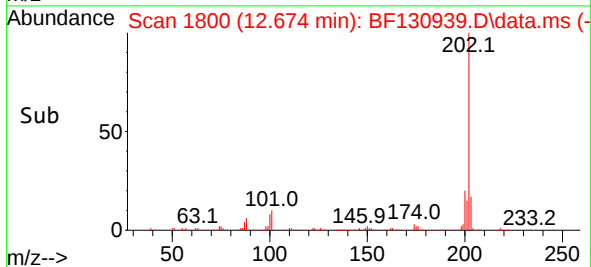
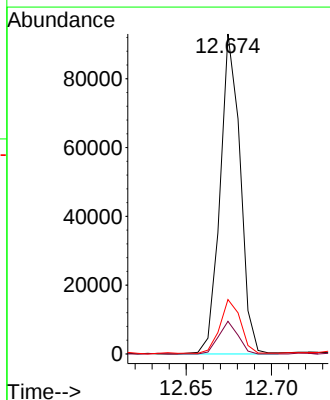
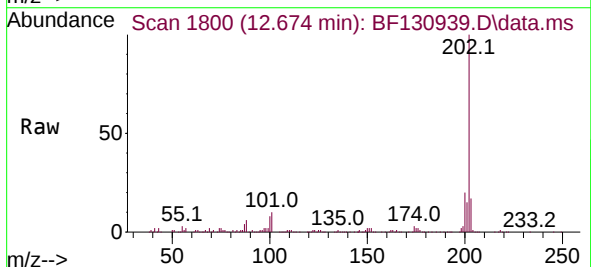
Manual Integrations
APPROVED

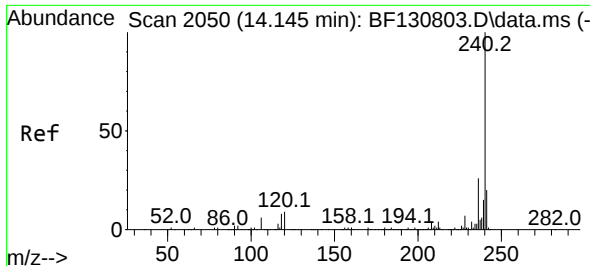
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#75
Fluoranthene
Concen: 5.960 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

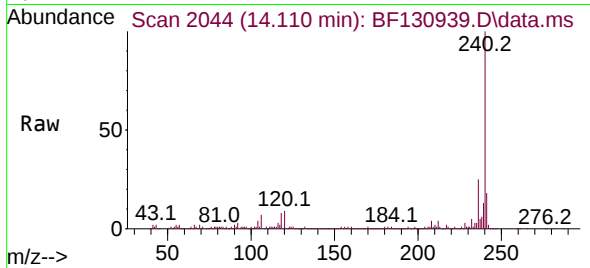
Tgt Ion:202 Resp: 76208
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 17.0 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

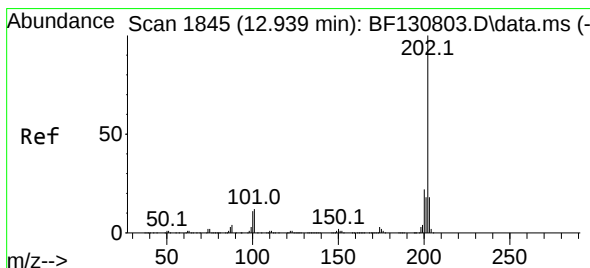
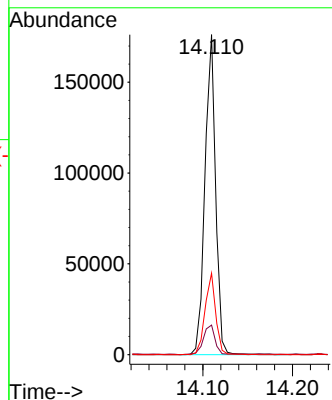
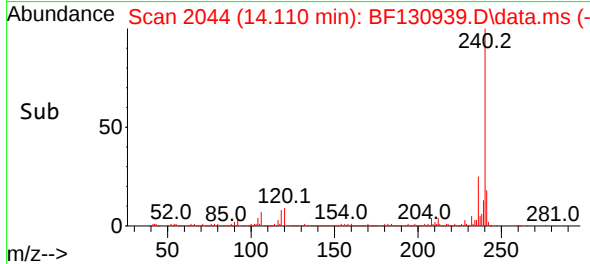
Instrument :
BNA_F
ClientSampleId :
S-3-103122



Tgt Ion:240 Resp: 144916
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 25.4 20.5 30.7

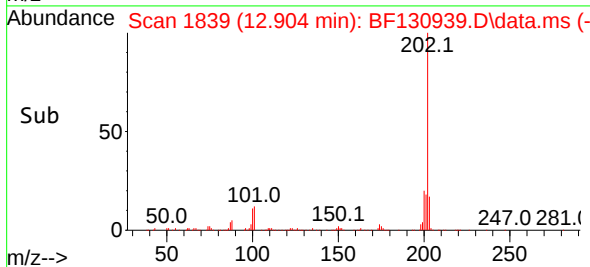
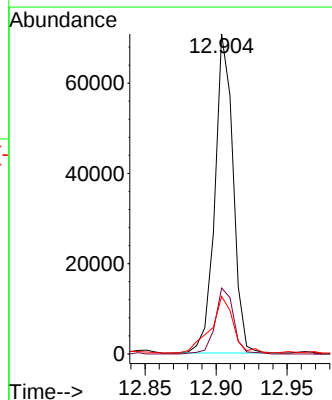
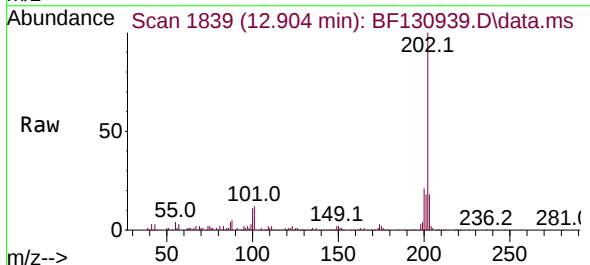
Manual Integrations
APPROVED

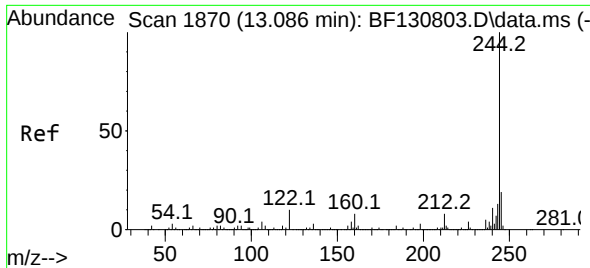
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 5.160 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

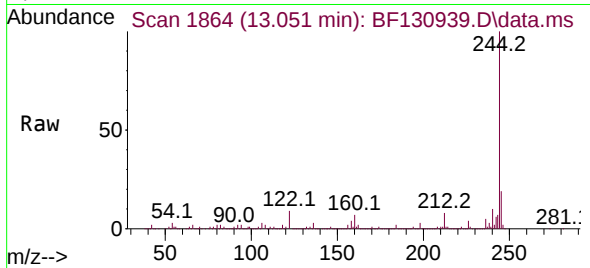
Tgt Ion:202 Resp: 63082
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 18.0 14.5 21.7





#79
 Terphenyl-d14
 Concen: 66.428 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130939.D
 Acq: 02 Nov 2022 20:01

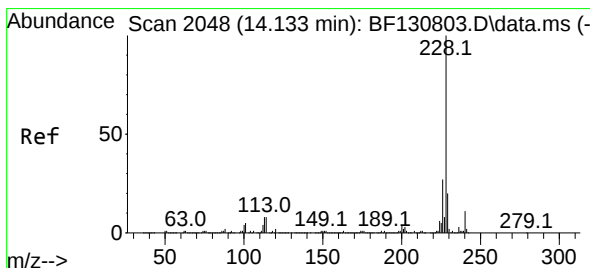
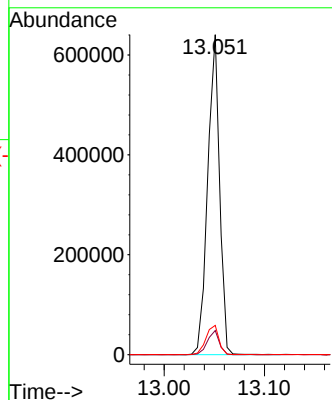
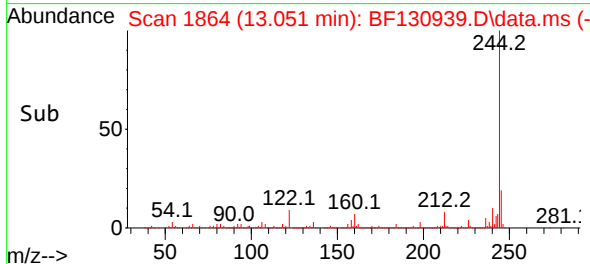
Instrument :
 BNA_F
 ClientSampleId :
 S-3-103122



Tgt Ion:244 Resp: 525329
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 7.9 11.9

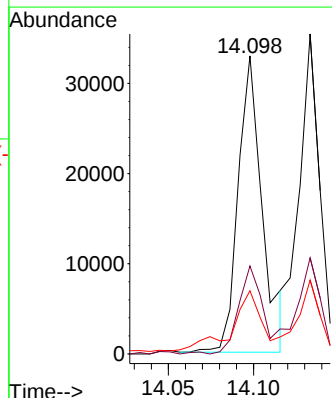
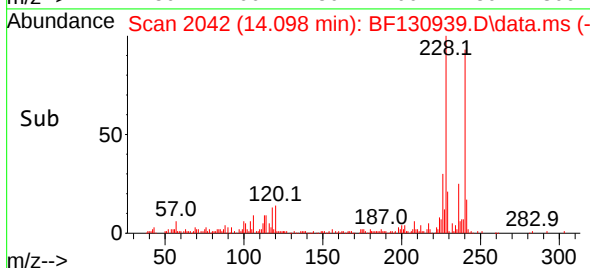
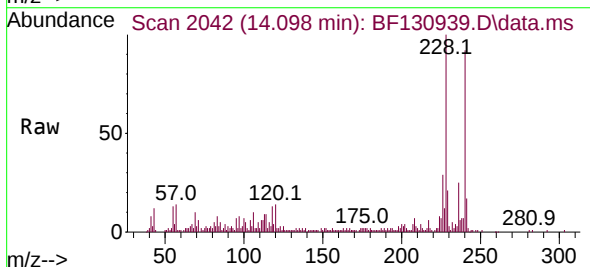
Manual Integrations
 APPROVED

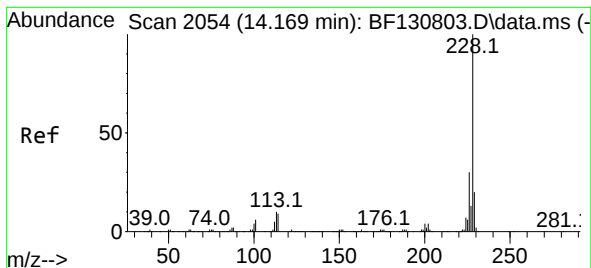
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#81
 Benzo(a)anthracene
 Concen: 3.369 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130939.D
 Acq: 02 Nov 2022 20:01

Tgt Ion:228 Resp: 32366
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.4 32.2
 229 21.2 15.8 23.6





#83

Chrysene

Concen: 3.249 ng

RT: 14.133 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

Instrument :

BNA_F

ClientSampleId :

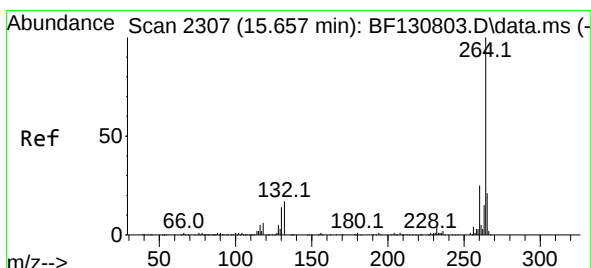
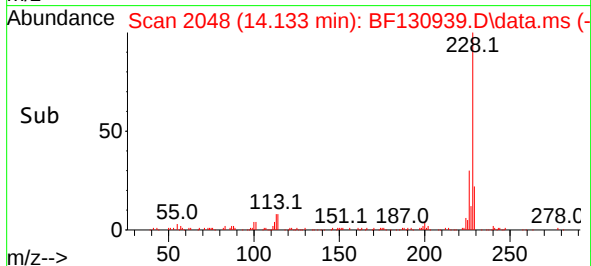
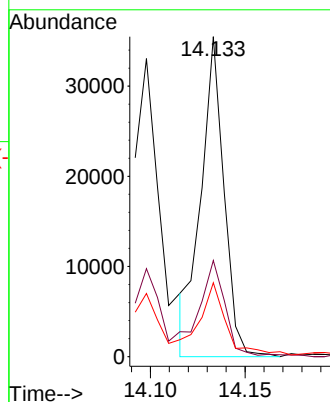
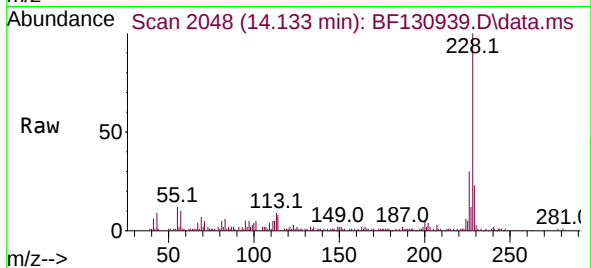
S-3-103122

Tgt Ion:228	Resp:	3010
Ion Ratio	Lower	Upper
228	100	
226	30.0	23.9 35.9
229	23.1	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#86

Perylene-d12

Concen: 20.000 ng

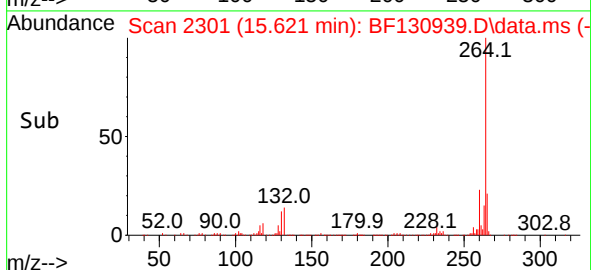
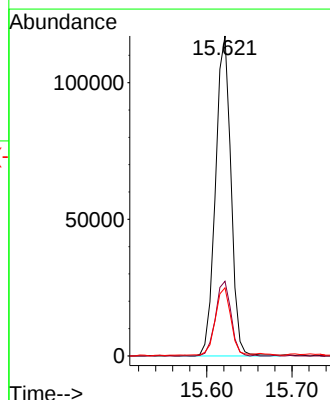
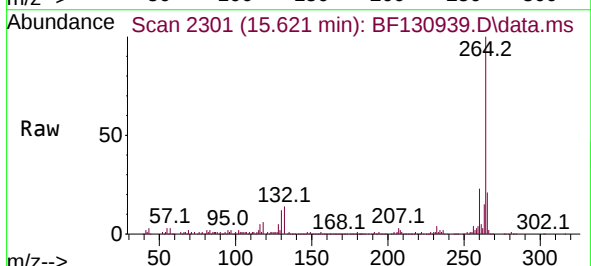
RT: 15.621 min Scan# 2301

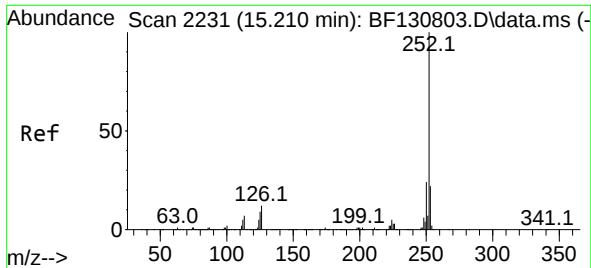
Delta R.T. -0.006 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

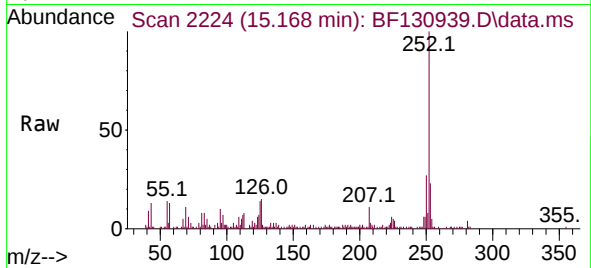
Tgt Ion:264	Resp:	146758
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.9 29.9
265	21.3	17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 4.506 ng m
RT: 15.168 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

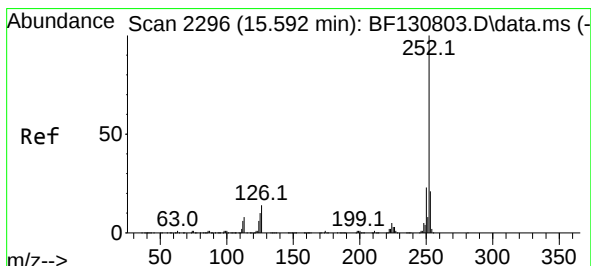
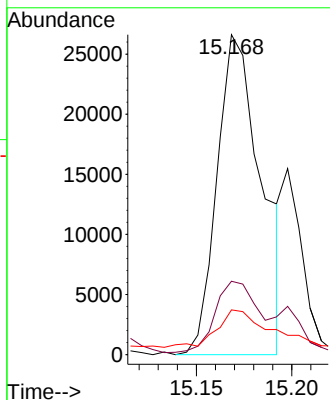
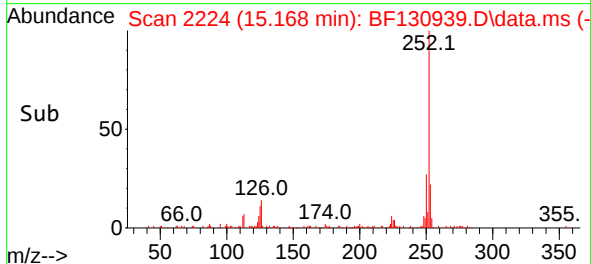
Instrument :
BNA_F
ClientSampleId :
S-3-103122



Tgt Ion:252 Resp: 4275
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 14.0 7.0 10.4

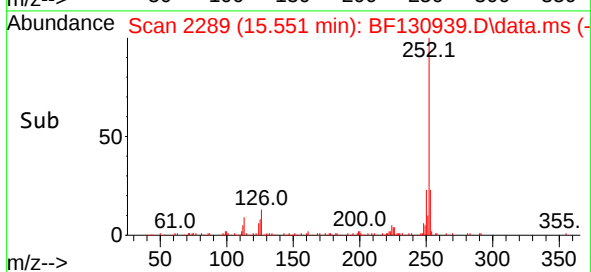
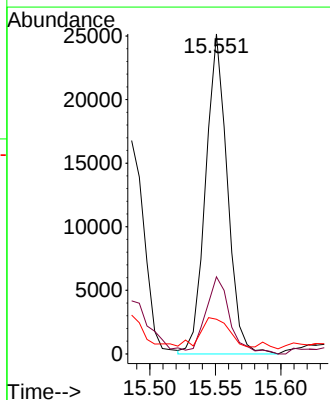
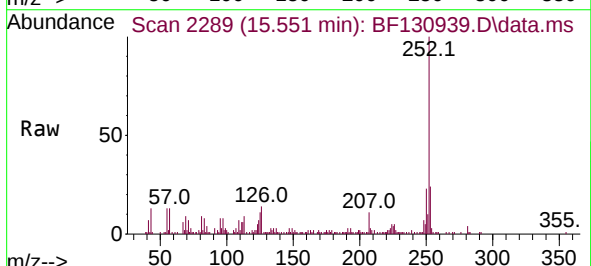
Manual Integrations
APPROVED

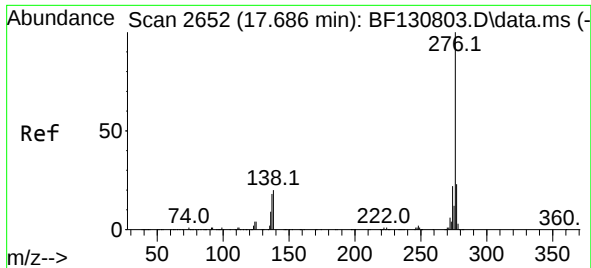
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#90
Benzo(a)pyrene
Concen: 3.794 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

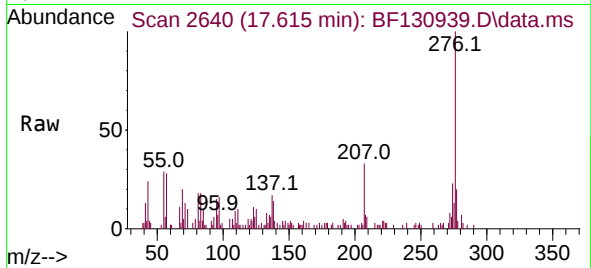
Tgt Ion:252 Resp: 28937
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 10.8 8.3 12.5





#92
Benzo(g,h,i)perylene
Concen: 2.334 ng
RT: 17.615 min Scan# 20
Delta R.T. -0.035 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Instrument :
BNA_F
ClientSampleId :
S-3-103122



Tgt Ion: 276 Resp: 18918
Ion Ratio Lower Upper
276 100
277 20.1 18.8 28.2
138 14.1 16.3 24.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/03/2022
Supervised By : Jagrut Upadhyay 11/03/2022

