

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130941.D
 Acq On : 02 Nov 2022 21:08
 Operator : CG\JU
 Sample : N5395-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-11-103122

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 03:47:18 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	63119	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	232152	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	107504	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	152754	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	132259	20.000	ng	-0.01
86) Perylene-d12	15.621	264	145826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	471795	129.582	ng	0.00
7) Phenol-d6	6.545	99	578303	122.228	ng	0.00
23) Nitrobenzene-d5	7.487	82	386592	100.413	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	109147	120.609	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	533398	75.014	ng	0.00
79) Terphenyl-d14	13.051	244	369557	51.202	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	29685	6.586	ng	83
71) Phenanthrene	11.480	178	19530	2.477	ng	98
75) Fluoranthene	12.674	202	40447	4.828	ng	99
78) Pyrene	12.904	202	35989	3.225	ng	97
81) Benzo(a)anthracene	14.098	228	22820	2.602	ng	94
83) Chrysene	14.133	228	23688m	2.801	ng	
88) Benzo(b)fluoranthene	15.168	252	30497m	3.235	ng	
90) Benzo(a)pyrene	15.551	252	22926	3.025	ng	95

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

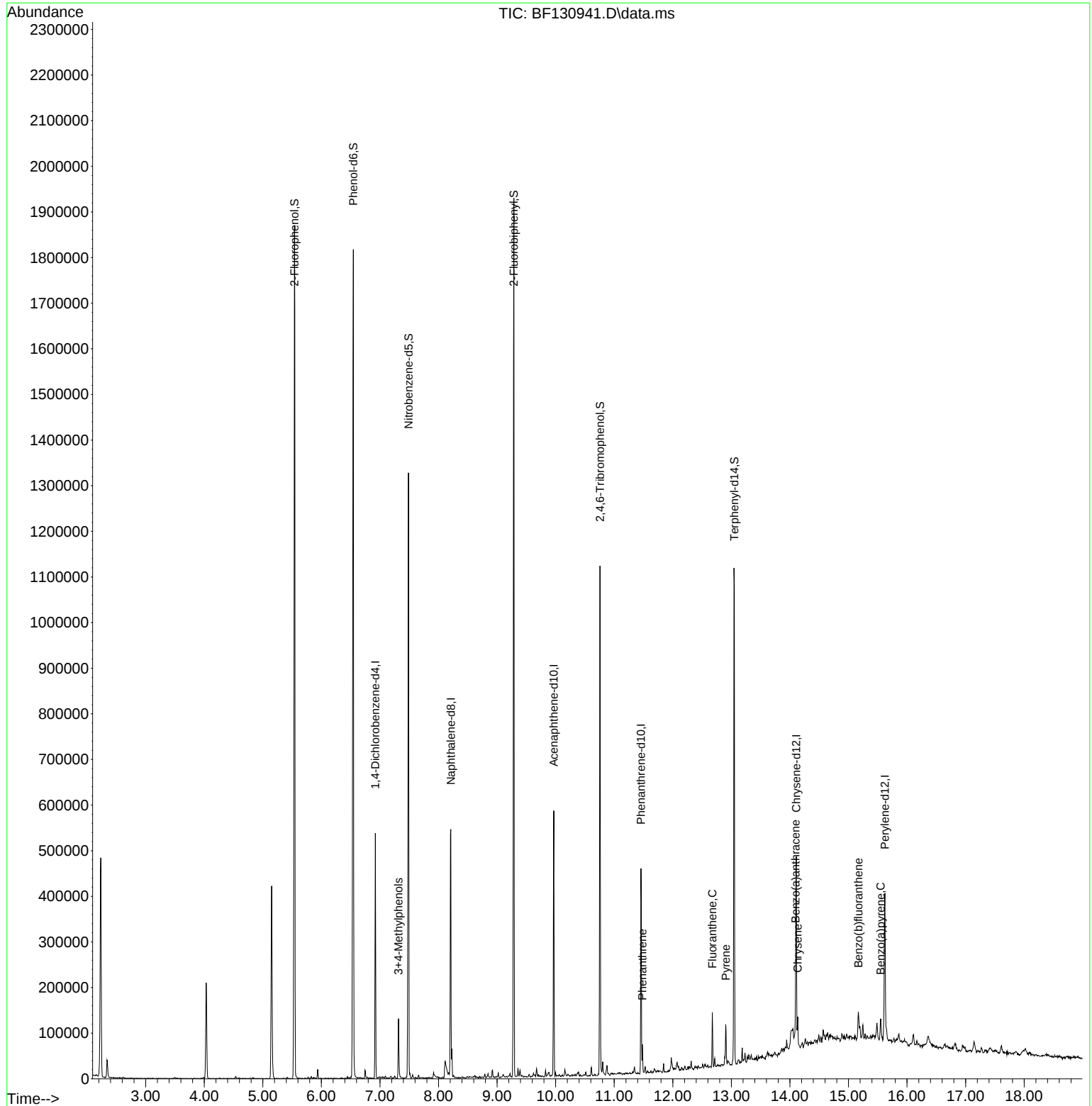
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130941.D
Acq On : 02 Nov 2022 21:08
Operator : CG\JU
Sample : N5395-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-11-103122

Quant Time: Nov 03 03:47:18 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

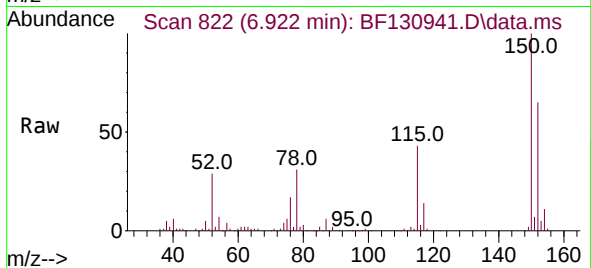
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

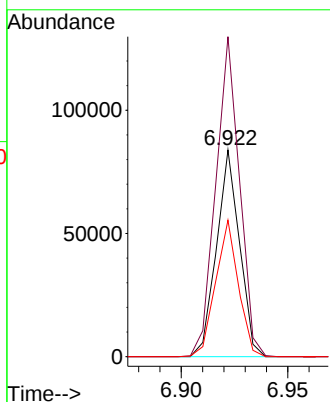
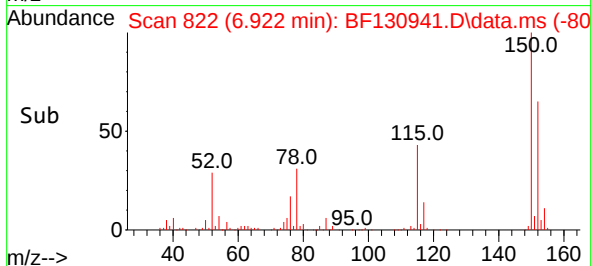
Instrument :
BNA_F
ClientSampleId :
S-11-103122



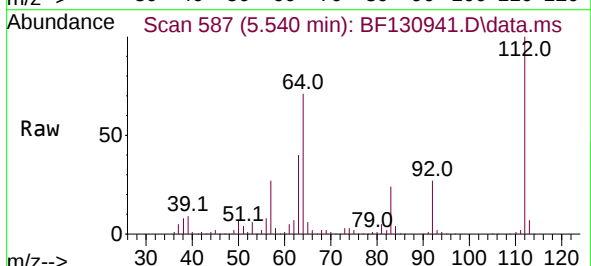
Tgt Ion:152 Resp: 63119
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 66.0 50.1 75.1

Manual Integrations
APPROVED

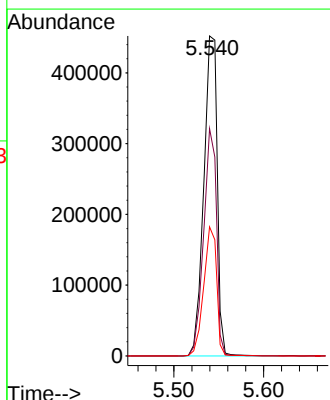
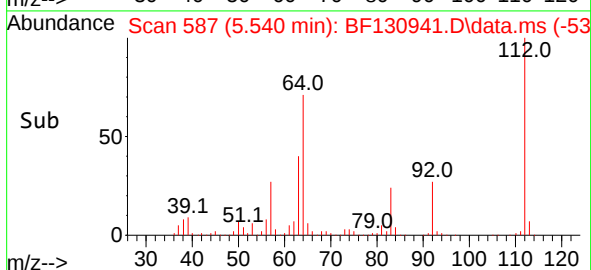
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#5
2-Fluorophenol
Concen: 129.582 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08



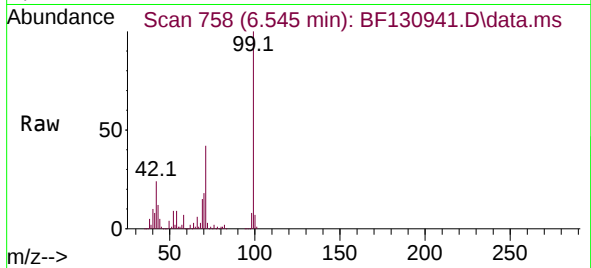
Tgt Ion:112 Resp: 471795
Ion Ratio Lower Upper
112 100
64 71.0 53.9 80.9
63 40.3 29.4 44.2





#7
Phenol-d6
Concen: 122.228 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

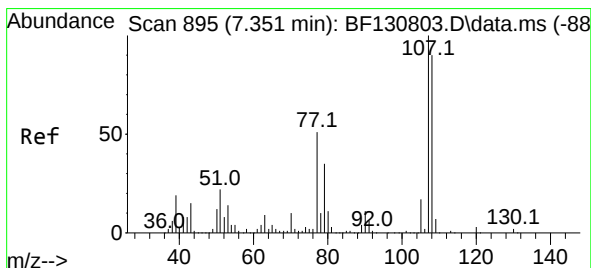
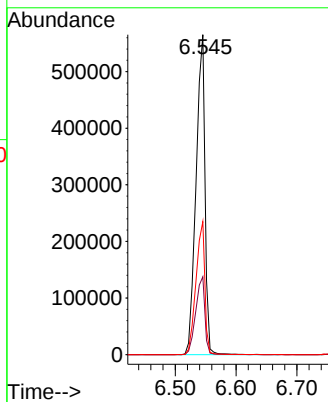
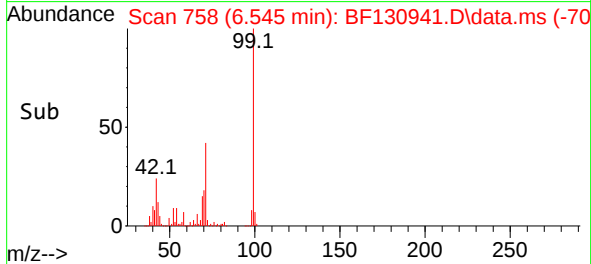
Instrument :
BNA_F
ClientSampleId :
S-11-103122



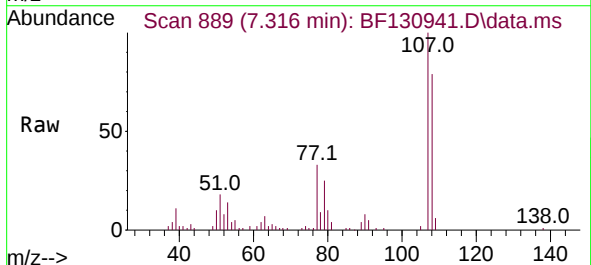
Tgt Ion: 99 Resp: 578303
Ion Ratio Lower Upper
99 100
42 24.3 18.8 28.2
71 41.6 31.4 47.0

Manual Integrations
APPROVED

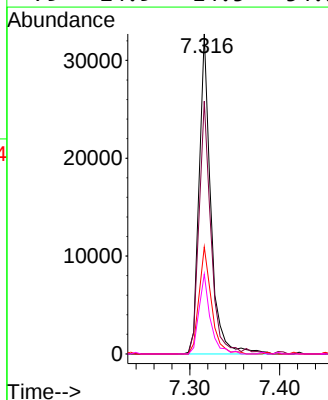
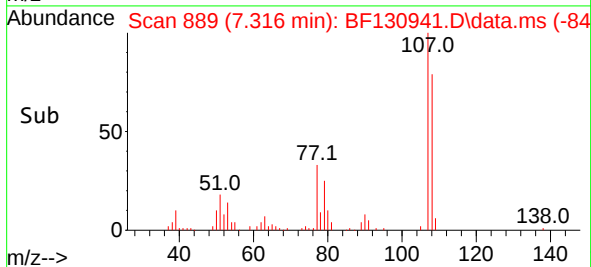
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

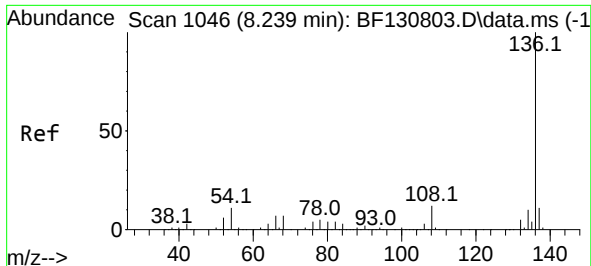


#20
3+4-Methylphenols
Concen: 6.586 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08



Tgt Ion:107 Resp: 29685
Ion Ratio Lower Upper
107 100
108 79.0 70.4 110.4
77 33.4 31.1 71.1
79 24.9 14.5 54.5





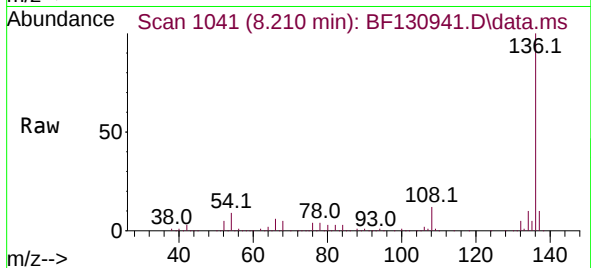
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Instrument :

BNA_F

ClientSampleId :

S-11-103122

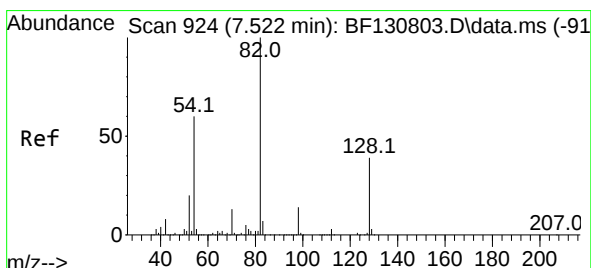
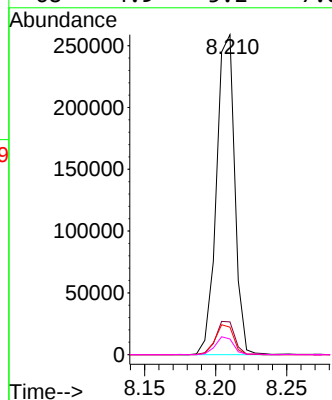
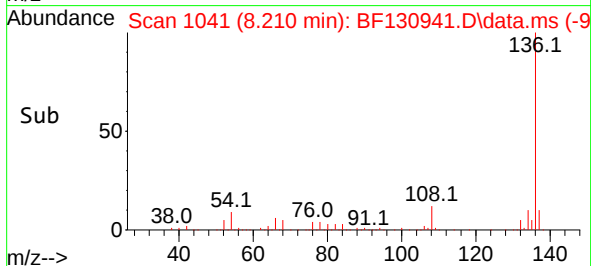


Tgt Ion:136 Resp: 232152
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 8.6 8.8 13.2
68 4.9 5.2 7.8

Manual Integrations

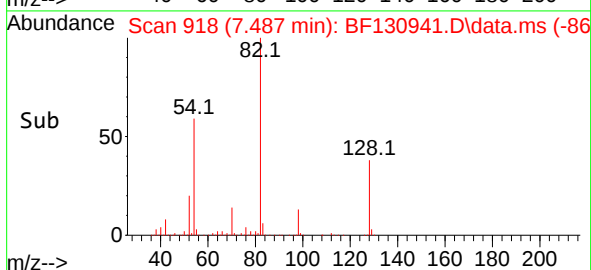
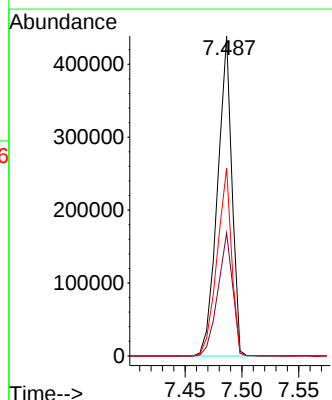
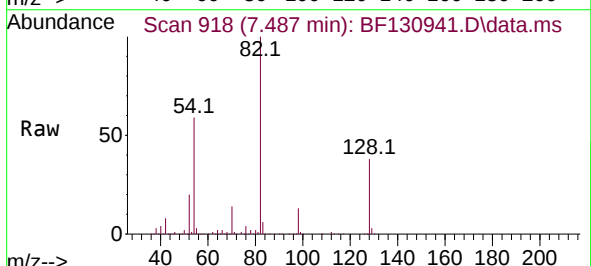
APPROVED

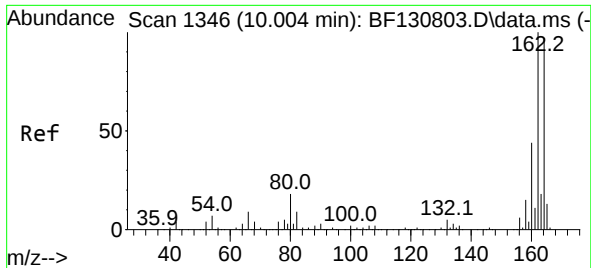
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 100.413 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

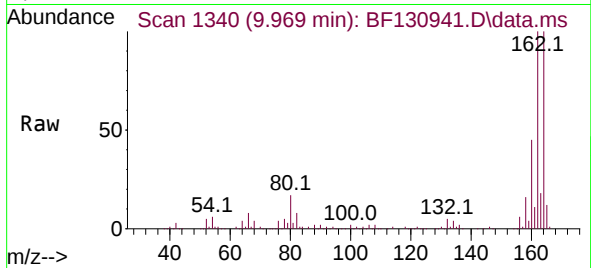
Tgt Ion: 82 Resp: 386592
Ion Ratio Lower Upper
82 100
128 38.4 31.2 46.8
54 58.7 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

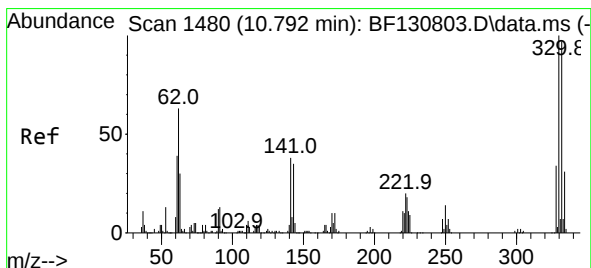
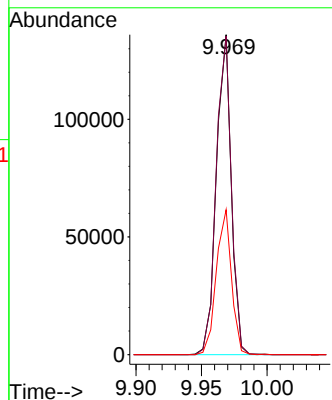
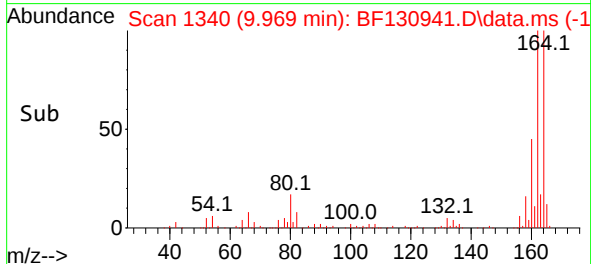
Instrument :
BNA_F
ClientSampleId :
S-11-103122



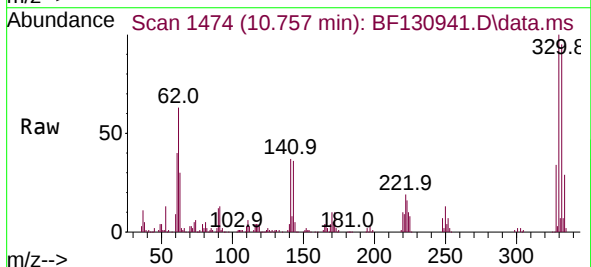
Tgt Ion:164 Resp: 107504
Ion Ratio Lower Upper
164 100
162 99.5 82.2 123.2
160 45.3 36.6 54.8

Manual Integrations
APPROVED

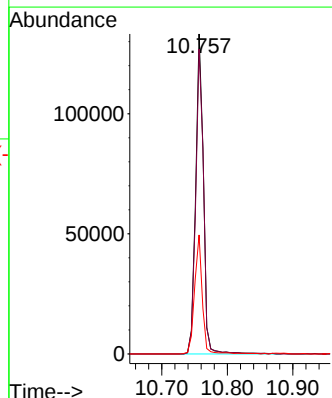
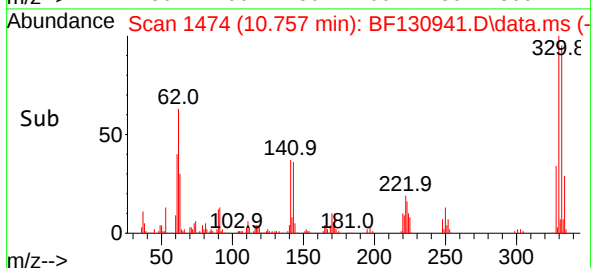
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

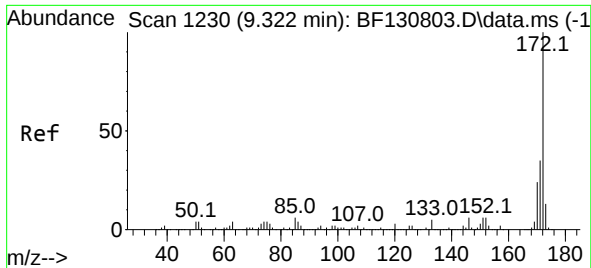


#42
2,4,6-Tribromophenol
Concen: 120.609 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08



Tgt Ion:330 Resp: 109147
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 36.8 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 75.014 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Instrument :

BNA_F

ClientSampleId :

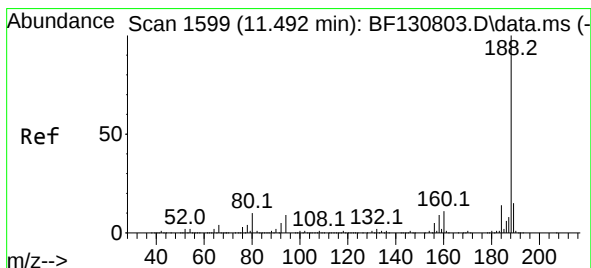
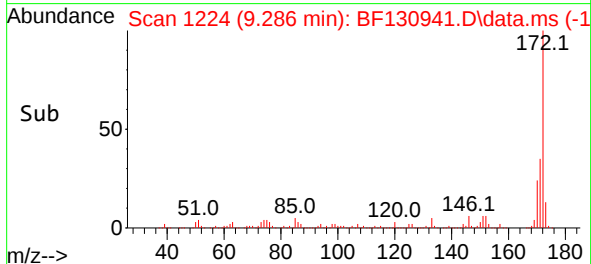
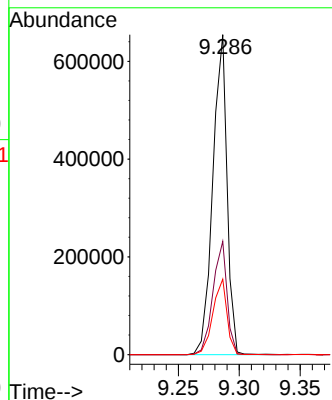
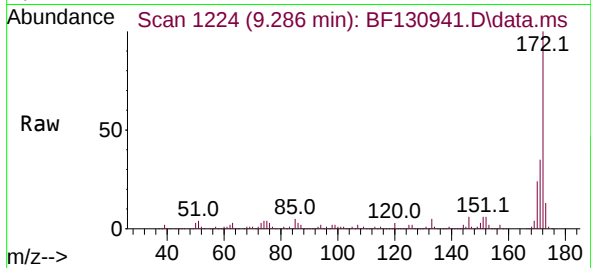
S-11-103122

Tgt Ion:172 Resp: 533398
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.6 19.0 28.4

Manual Integrations

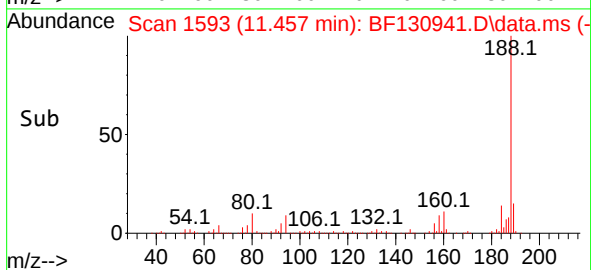
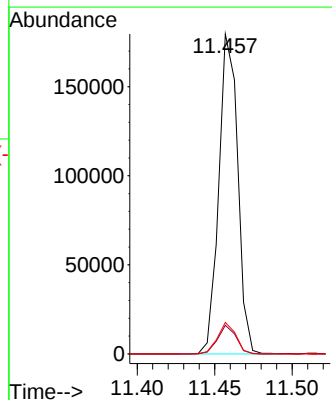
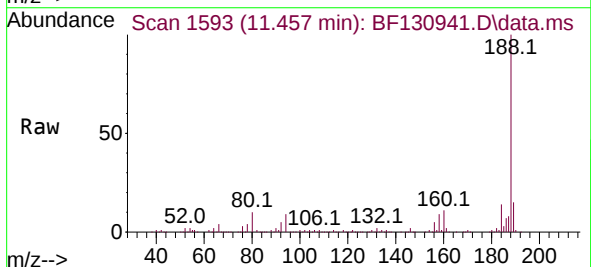
APPROVED

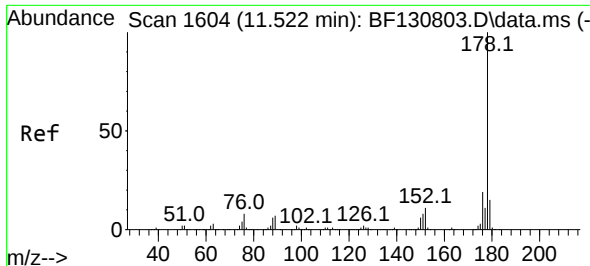
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Tgt Ion:188 Resp: 152754
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.8 8.0 12.0





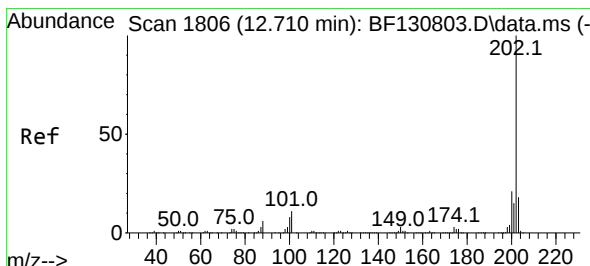
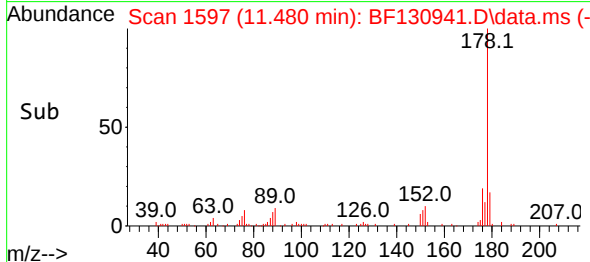
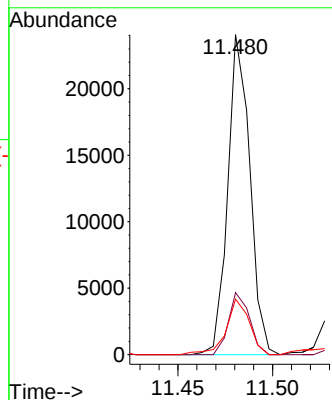
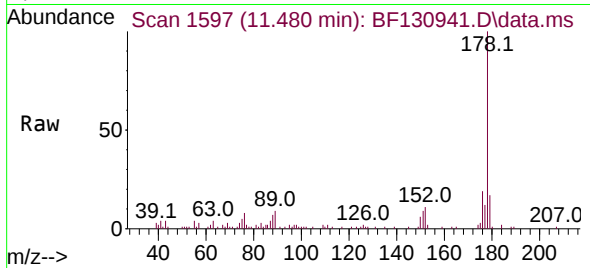
#71
Phenanthrene
Concen: 2.477 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Instrument :
BNA_F
ClientSampleId :
S-11-103122

Tgt Ion:178 Resp: 19530
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 17.3 12.2 18.2

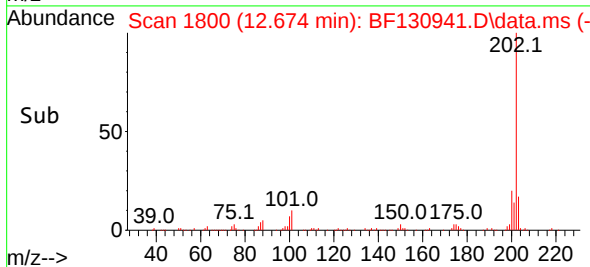
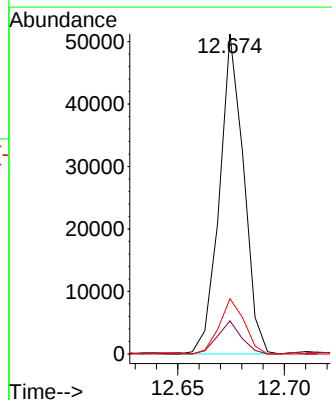
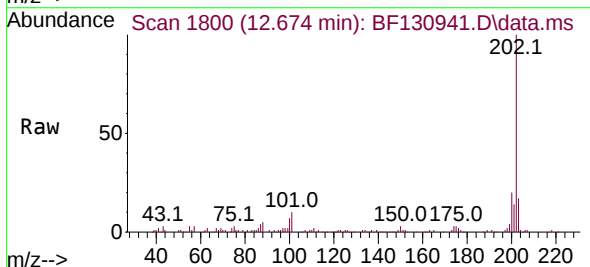
Manual Integrations
APPROVED

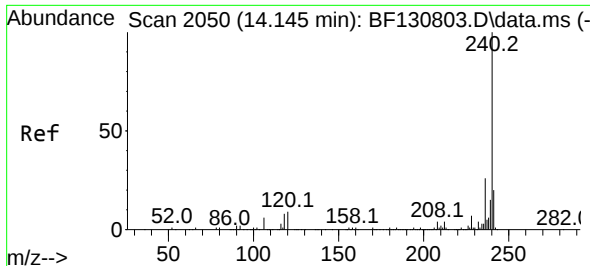
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#75
Fluoranthene
Concen: 4.828 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

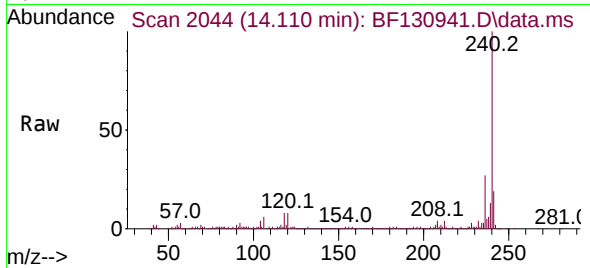
Tgt Ion:202 Resp: 40447
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.9
203 17.2 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

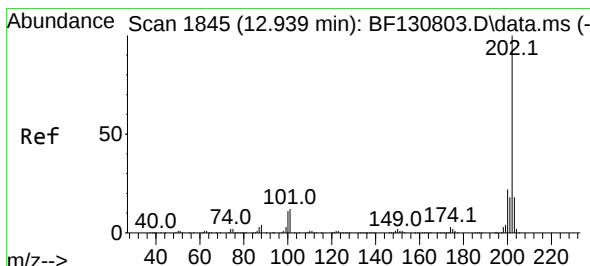
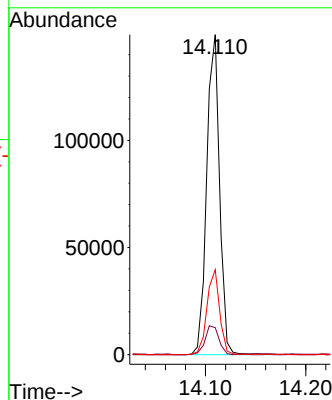
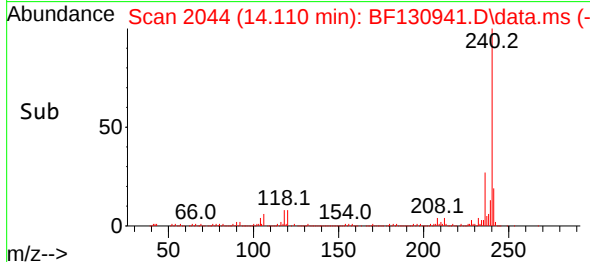
Instrument :
BNA_F
ClientSampleId :
S-11-103122



Tgt Ion:240 Resp: 132259
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 26.5 20.5 30.7

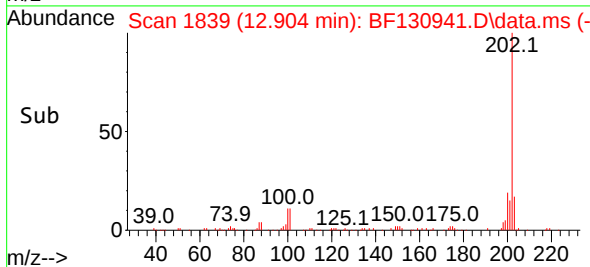
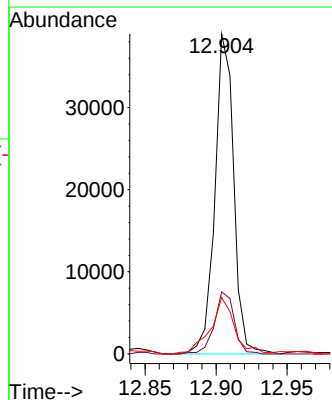
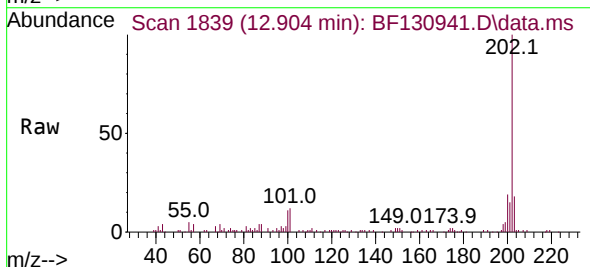
Manual Integrations
APPROVED

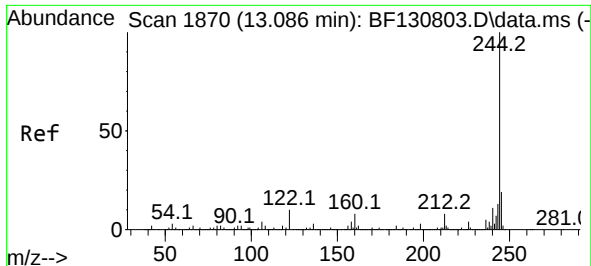
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 3.225 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

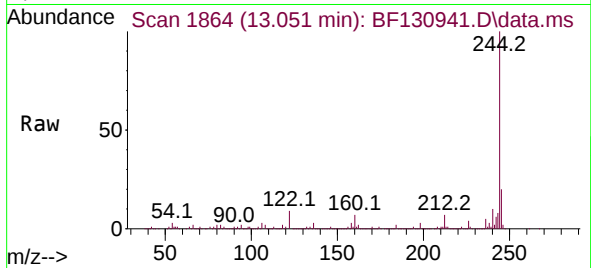
Tgt Ion:202 Resp: 35989
Ion Ratio Lower Upper
202 100
200 19.4 17.2 25.8
203 17.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 51.202 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130941.D
 Acq: 02 Nov 2022 21:08

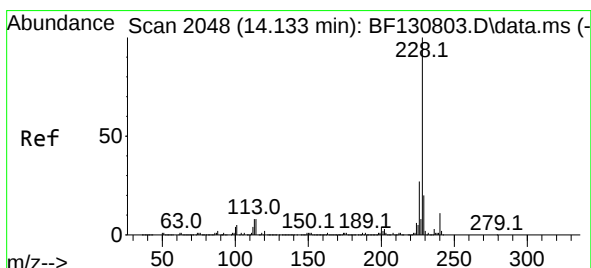
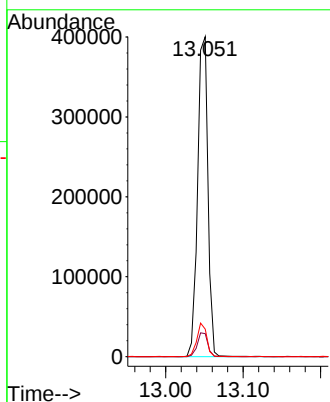
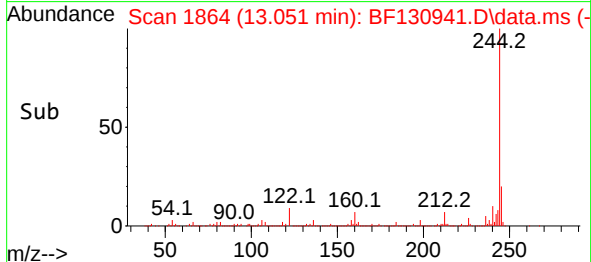
Instrument :
 BNA_F
 ClientSampleId :
 S-11-103122



Tgt Ion:244 Resp: 369552
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.6 7.9 11.9

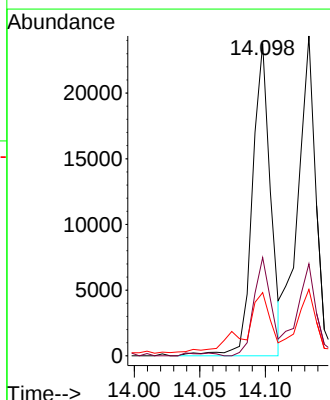
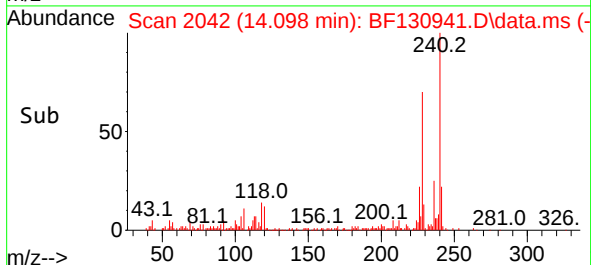
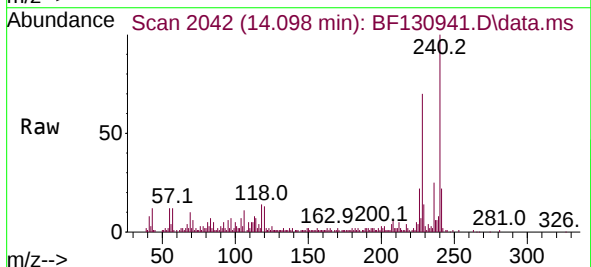
Manual Integrations
 APPROVED

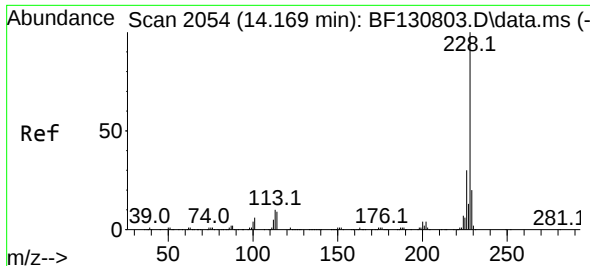
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#81
 Benzo(a)anthracene
 Concen: 2.602 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130941.D
 Acq: 02 Nov 2022 21:08

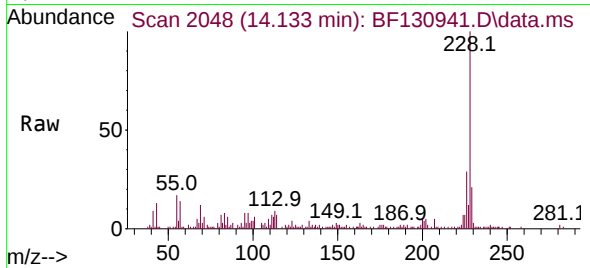
Tgt Ion:228 Resp: 22820
 Ion Ratio Lower Upper
 228 100
 226 31.5 21.4 32.2
 229 20.3 15.8 23.6





#83
Chrysene
Concen: 2.801 ng m
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

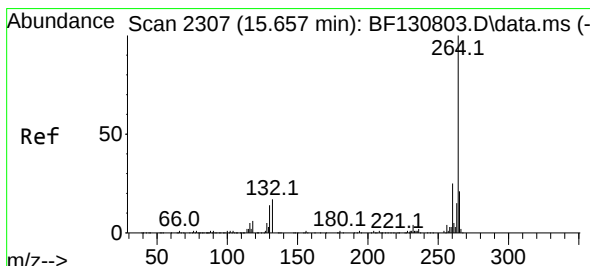
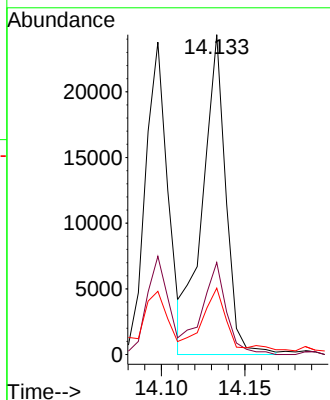
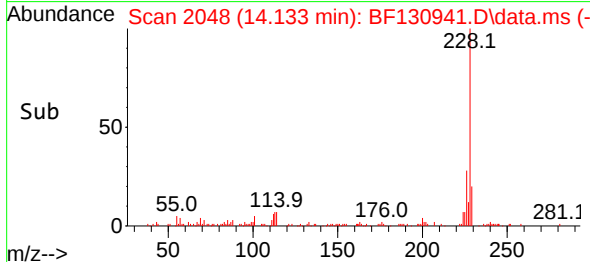
Instrument :
BNA_F
ClientSampleId :
S-11-103122



Tgt Ion:228 Resp: 23688
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 20.8 15.8 23.6

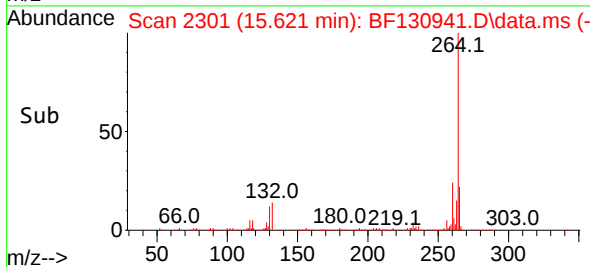
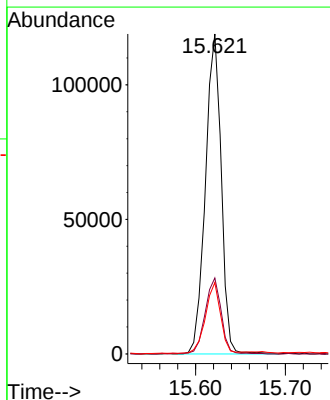
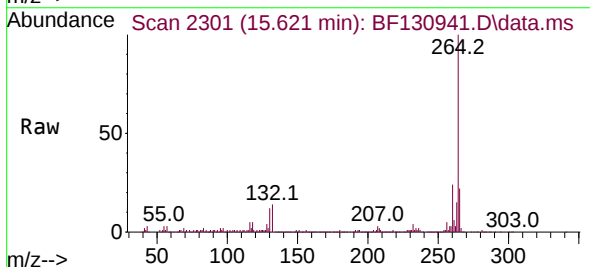
Manual Integrations
APPROVED

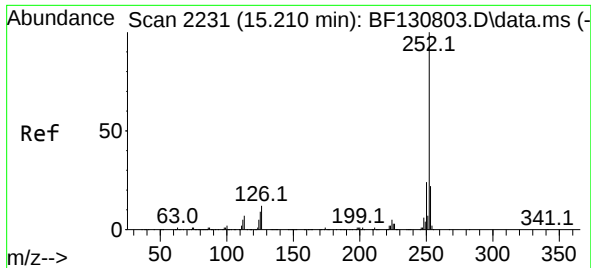
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Tgt Ion:264 Resp: 145826
Ion Ratio Lower Upper
264 100
260 23.7 19.9 29.9
265 22.3 17.0 25.6





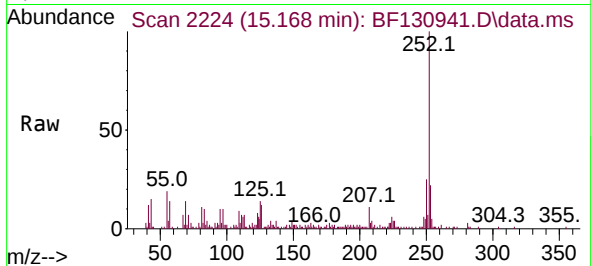
#88
Benzo(b)fluoranthene
Concen: 3.235 ng m
RT: 15.168 min Scan# 221
Delta R.T. -0.012 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Instrument :

BNA_F

ClientSampleId :

S-11-103122

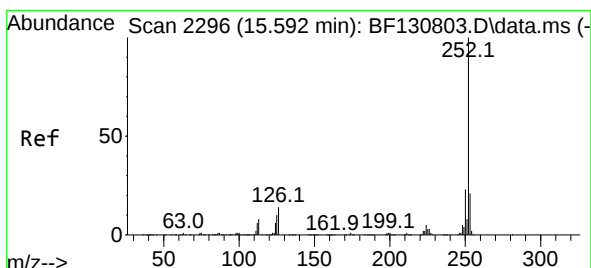
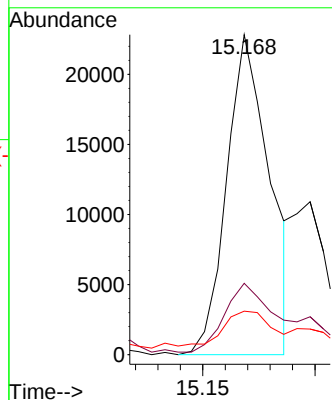
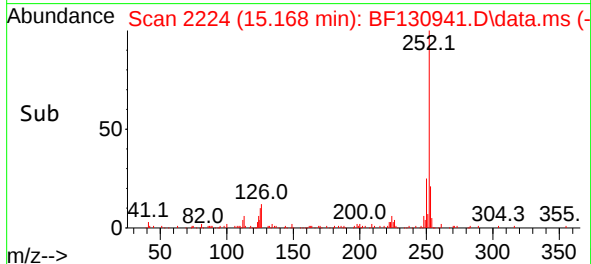


Tgt Ion:252 Resp: 30497
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.6 7.0 10.4

Manual Integrations

APPROVED

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



#90
Benzo(a)pyrene
Concen: 3.025 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF130941.D
Acq: 02 Nov 2022 21:08

Tgt Ion:252 Resp: 22926
Ion Ratio Lower Upper
252 100
253 23.5 16.8 25.2
125 12.2 8.3 12.5

