

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131701.D
 Acq On : 19 Dec 2022 21:44
 Operator : CG\JU
 Sample : N6091-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-121522

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/20/2022
 Supervised By : Jagrut Upadhyay 12/20/2022

Quant Time: Dec 20 01:07:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69101	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	233214	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	112646	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	176722	20.000	ng	0.00
76) Chrysene-d12	14.069	240	160189	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	180425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	476720	115.093	ng	0.00
7) Phenol-d6	6.504	99	586796	108.108	ng	0.00
23) Nitrobenzene-d5	7.440	82	414766	67.239	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	109895	87.808	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	594665	66.562	ng	0.00
79) Terphenyl-d14	13.010	244	455366	38.985	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	71090	7.217	ng	98
75) Fluoranthene	12.633	202	133555	13.167	ng	97
78) Pyrene	12.869	202	122815	7.775	ng	99
81) Benzo(a)anthracene	14.063	228	66897	5.783	ng	97
83) Chrysene	14.098	228	65040	5.914	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	6880	4.067	ng	# 96
88) Benzo(b)fluoranthene	15.127	252	78233m	6.579	ng	
89) Benzo(k)fluoranthene	15.151	252	27212m	2.192	ng	
90) Benzo(a)pyrene	15.504	252	58098	5.725	ng	# 98

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

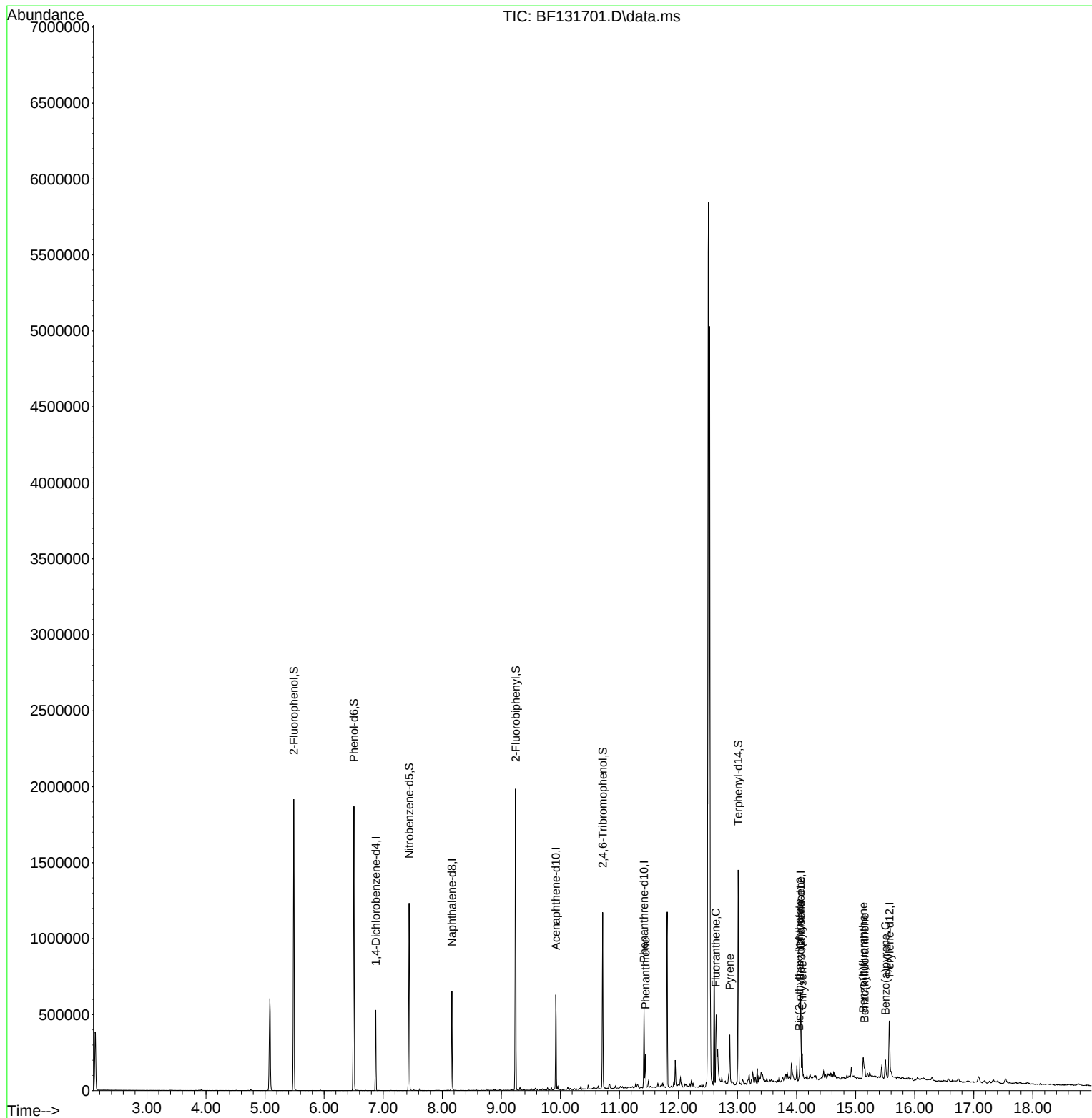
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131701.D
Acq On : 19 Dec 2022 21:44
Operator : CG\JU
Sample : N6091-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

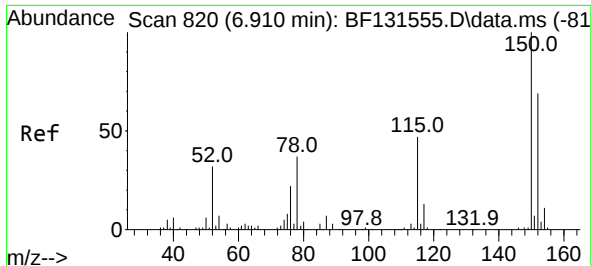
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

Quant Time: Dec 20 01:07:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

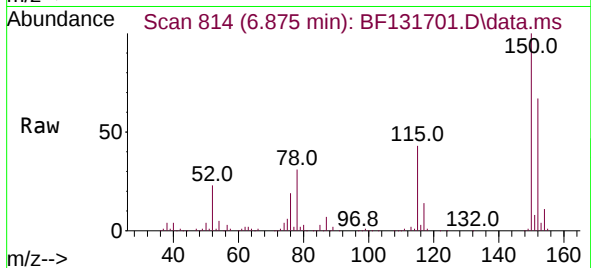
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

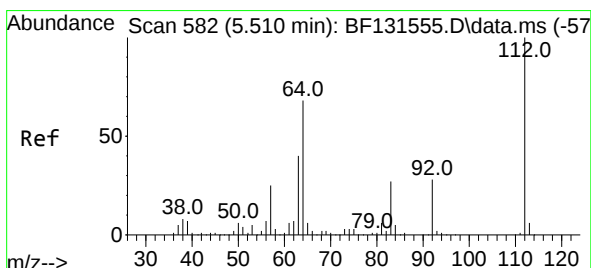
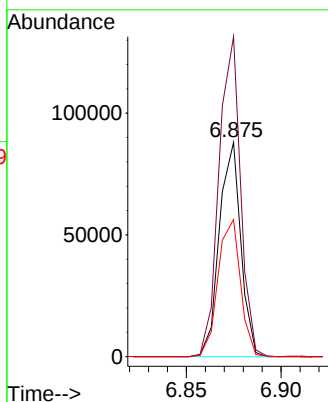
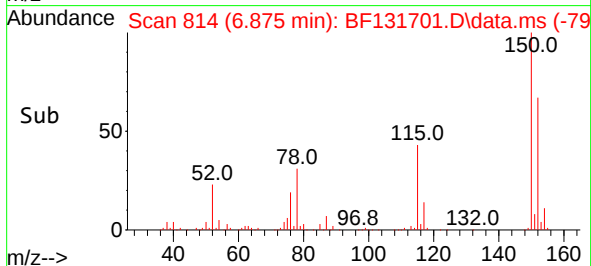
Instrument :
BNA_F
ClientSampleId :
BU-03-121522



Tgt Ion:152 Resp: 6910
Ion Ratio Lower Upper
152 100
150 149.3 116.7 175.1
115 64.0 54.6 82.0

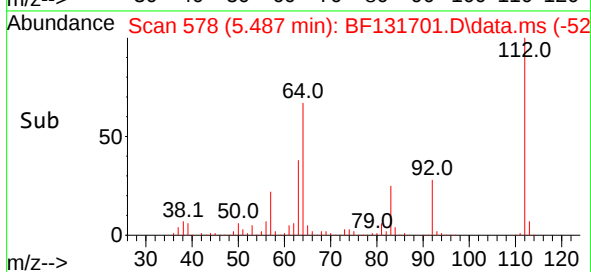
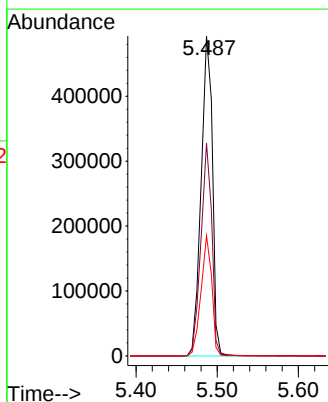
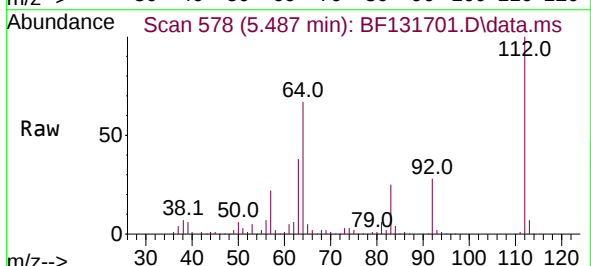
Manual Integrations
APPROVED

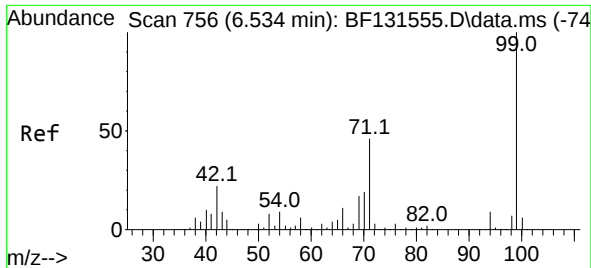
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#5
2-Fluorophenol
Concen: 115.093 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

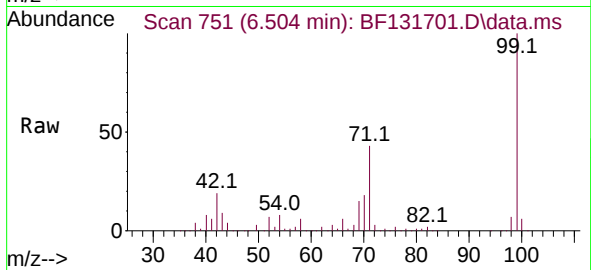
Tgt Ion:112 Resp: 476720
Ion Ratio Lower Upper
112 100
64 66.5 54.5 81.7
63 37.6 31.9 47.9





#7
Phenol-d6
Concen: 108.108 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

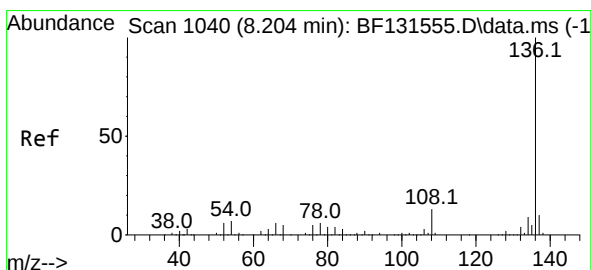
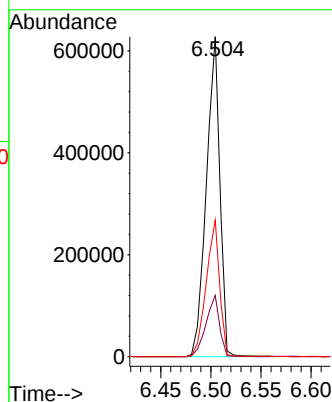
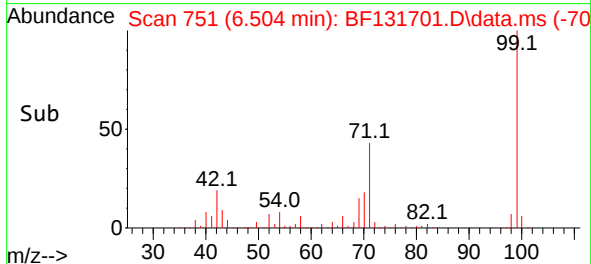
Instrument :
BNA_F
ClientSampleId :
BU-03-121522



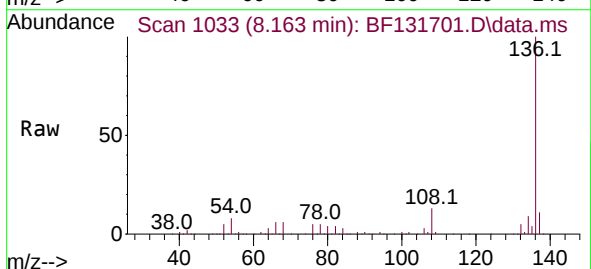
Tgt Ion: 99 Resp: 586796
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 42.7 37.2 55.8

Manual Integrations
APPROVED

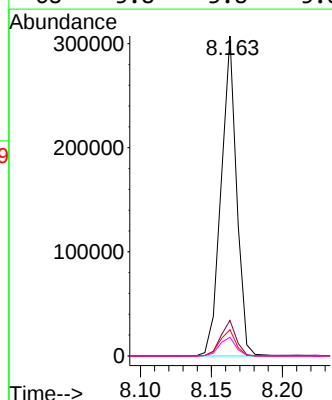
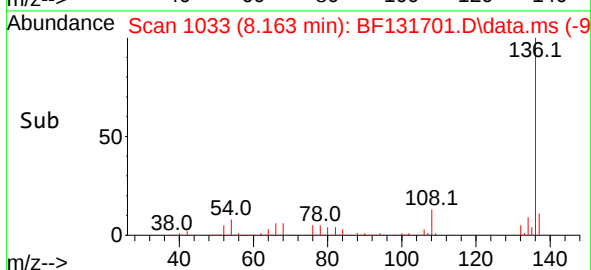
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44



Tgt Ion:136 Resp: 233214
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 8.2 6.0 9.0
68 5.8 3.8 5.8#





#23
Nitrobenzene-d5
Concen: 67.239 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Instrument :

BNA_F

ClientSampleId :

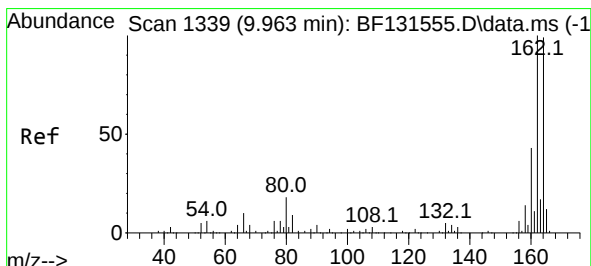
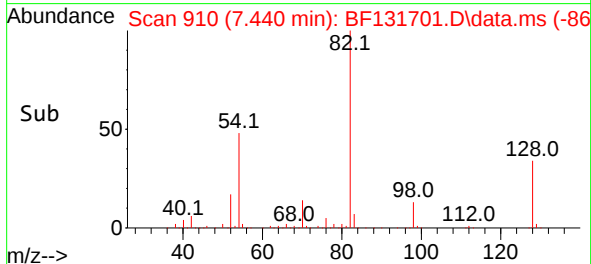
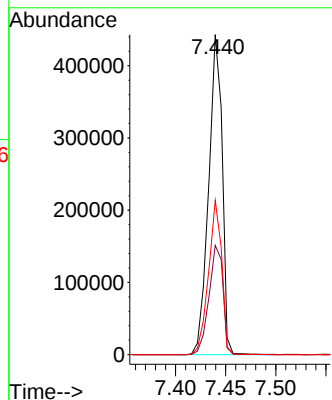
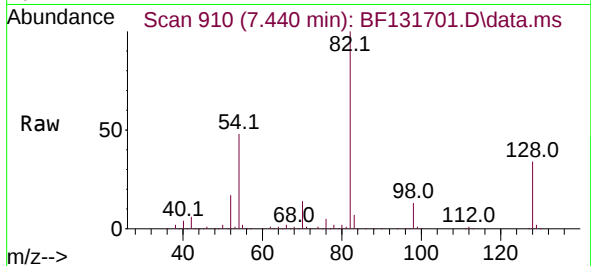
BU-03-121522

Tgt Ion: 82 Resp: 414766
Ion Ratio Lower Upper
82 100
128 34.1 26.1 39.1
54 48.2 40.6 60.8

Manual Integrations

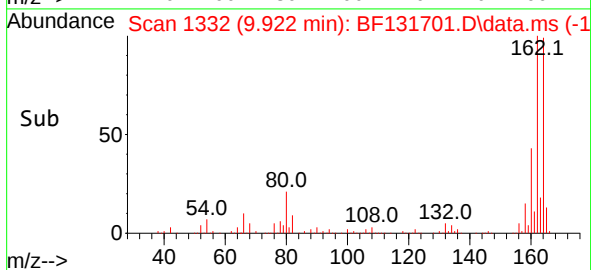
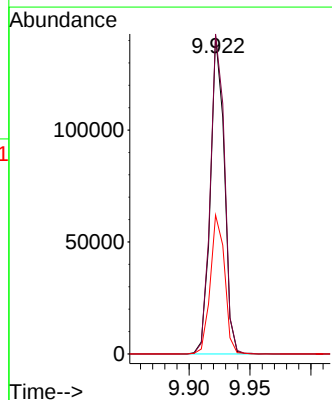
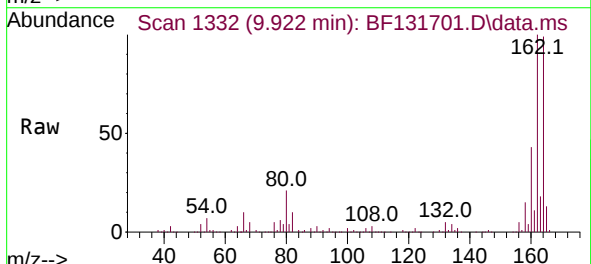
APPROVED

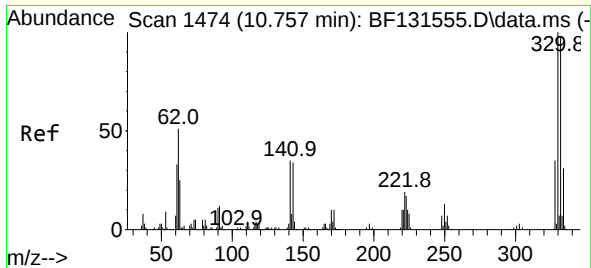
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

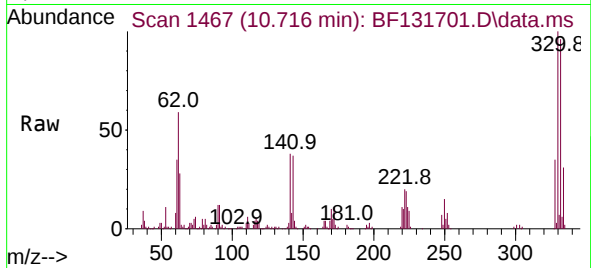
Tgt Ion:164 Resp: 112646
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 43.6 35.0 52.6





#42
2,4,6-Tribromophenol
Concen: 87.808 ng
RT: 10.716 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

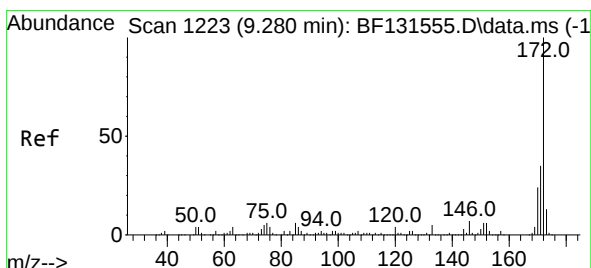
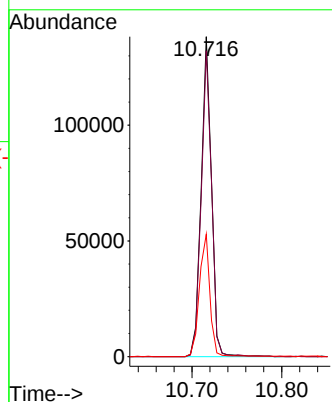
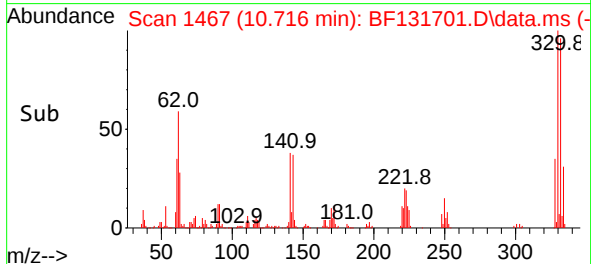
Instrument :
BNA_F
ClientSampleId :
BU-03-121522



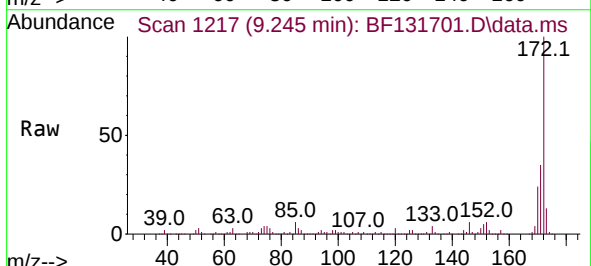
Tgt Ion: 330 Resp: 109895
Ion Ratio Lower Upper
330 100
332 96.3 78.3 117.5
141 39.4 32.6 49.0

Manual Integrations
APPROVED

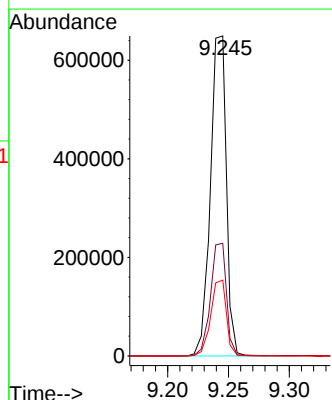
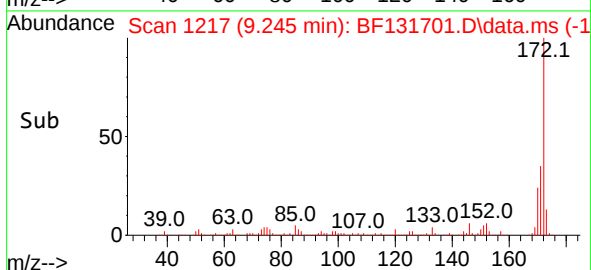
Reviewed By : Christian Giraldo 12/20/2022
Supervised By : Jagrut Upadhyay 12/20/2022

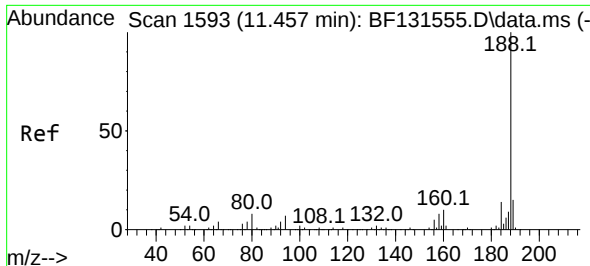


#45
2-Fluorobiphenyl
Concen: 66.562 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44



Tgt Ion: 172 Resp: 594665
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.7 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Instrument :

BNA_F

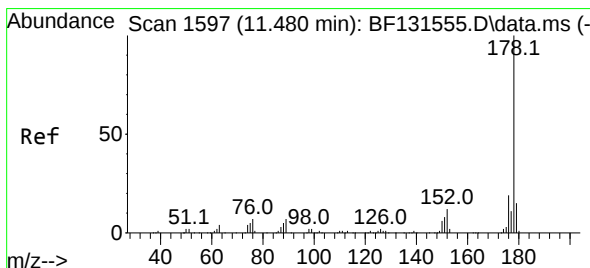
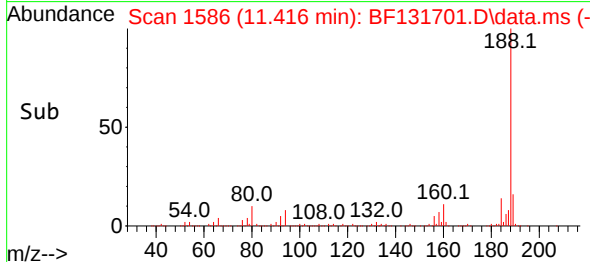
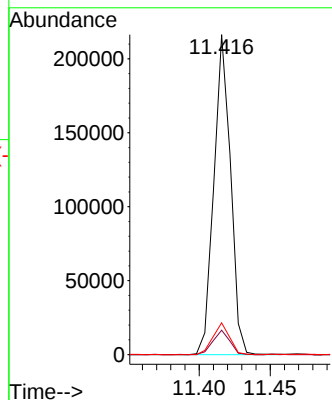
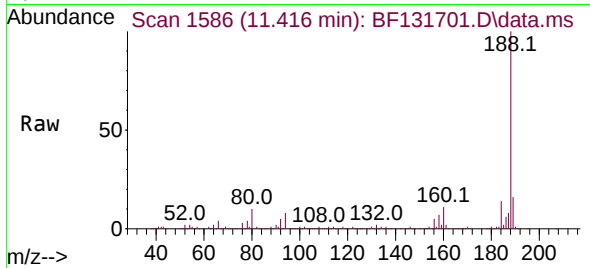
ClientSampleId :

BU-03-121522

Tgt Ion:188 Resp: 176722
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 9.9 6.6 10.0

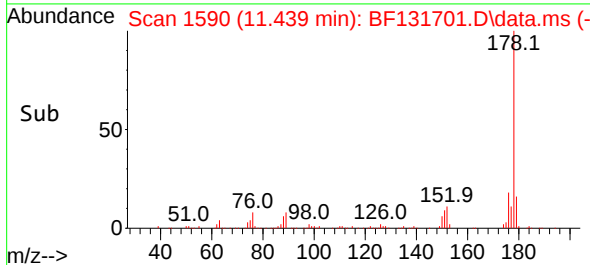
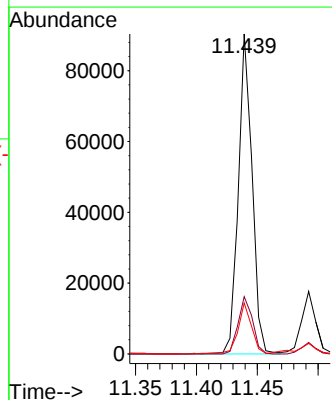
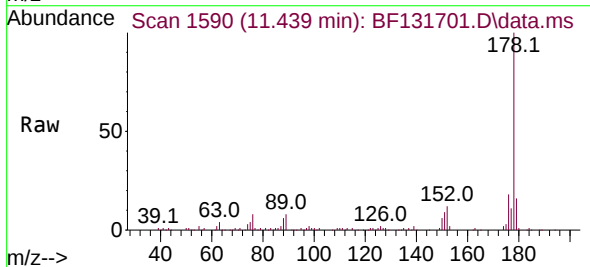
Manual Integrations
APPROVED

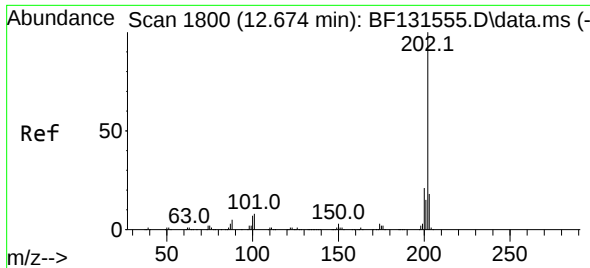
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#71
Phenanthrene
Concen: 7.217 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

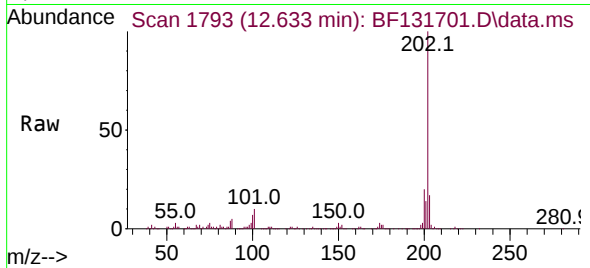
Tgt Ion:178 Resp: 71090
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 15.9 12.2 18.4





#75
Fluoranthene
Concen: 13.167 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

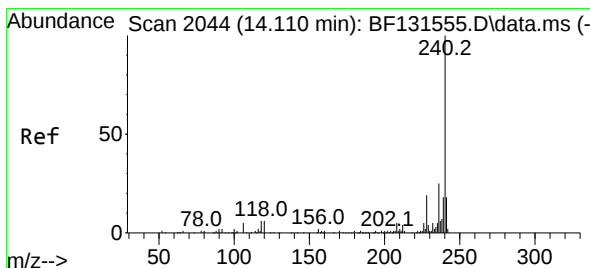
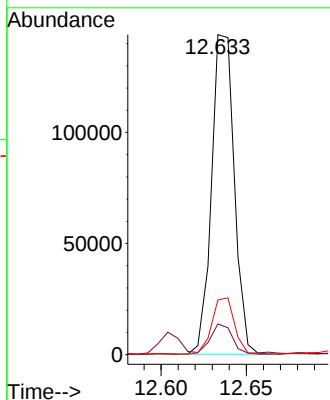
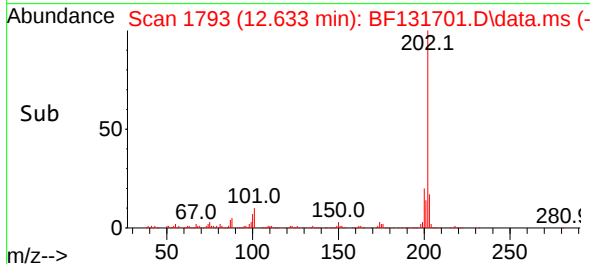
Instrument :
BNA_F
ClientSampleId :
BU-03-121522



Tgt Ion:202 Resp: 13355
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.7
203 17.1 0.0 37.7

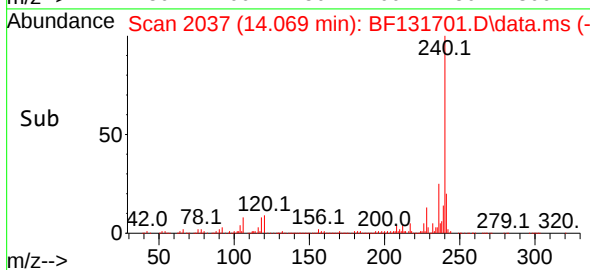
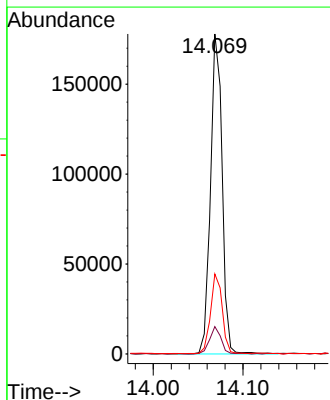
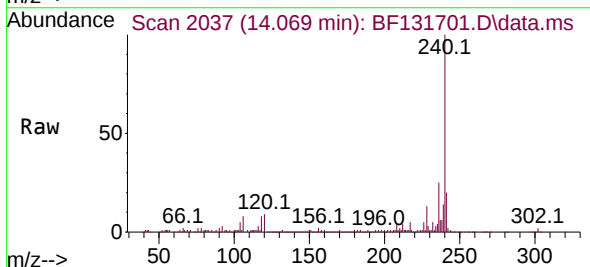
Manual Integrations
APPROVED

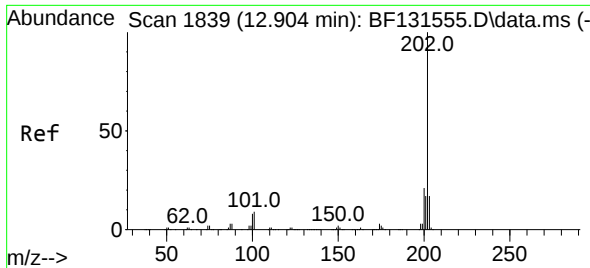
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

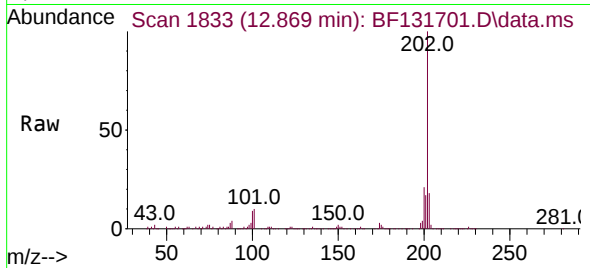
Tgt Ion:240 Resp: 160189
Ion Ratio Lower Upper
240 100
120 8.5 4.6 7.0#
236 25.0 20.2 30.2





#78
Pyrene
Concen: 7.775 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

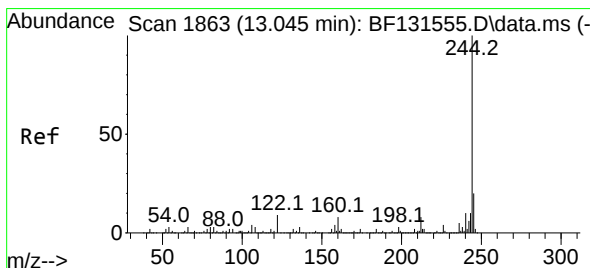
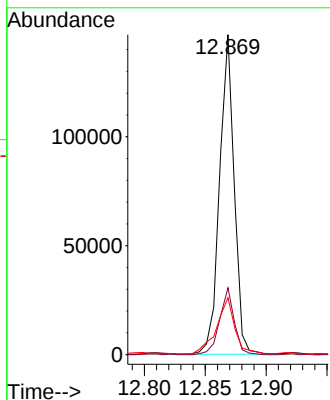
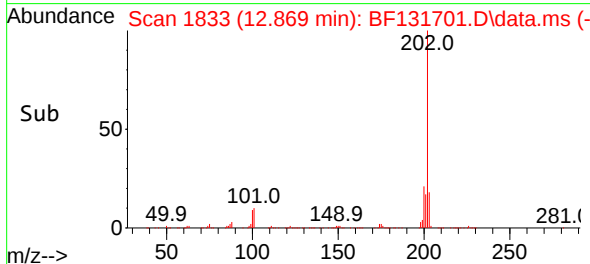
Instrument :
BNA_F
ClientSampleId :
BU-03-121522



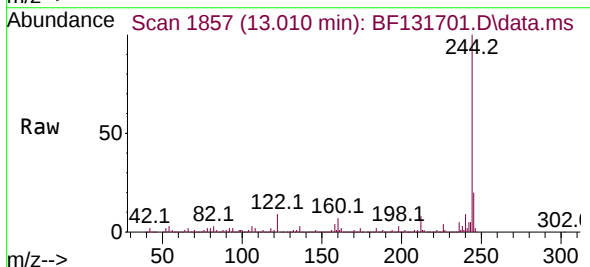
Tgt Ion:202 Resp: 122815
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 13.8 20.6

Manual Integrations
APPROVED

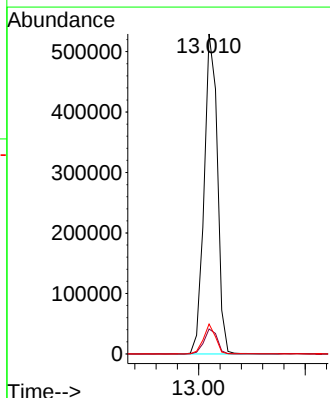
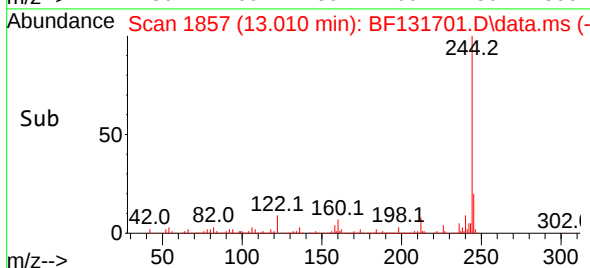
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

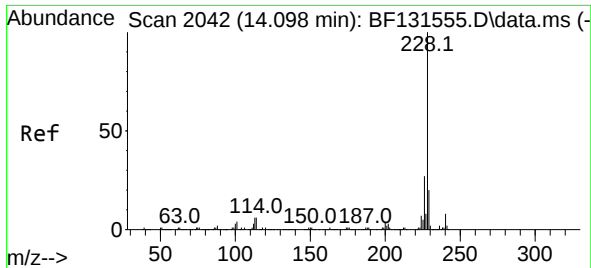


#79
Terphenyl-d14
Concen: 38.985 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44



Tgt Ion:244 Resp: 455366
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.4 7.1 10.7





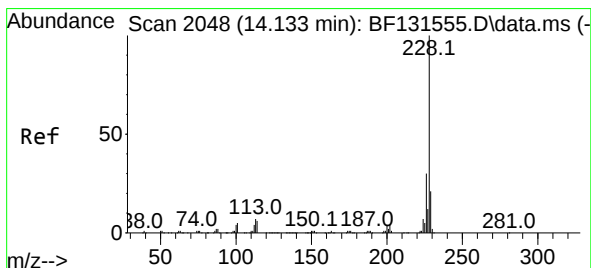
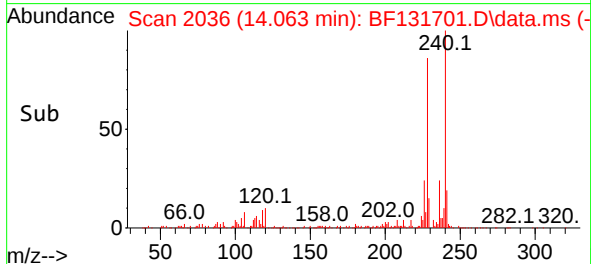
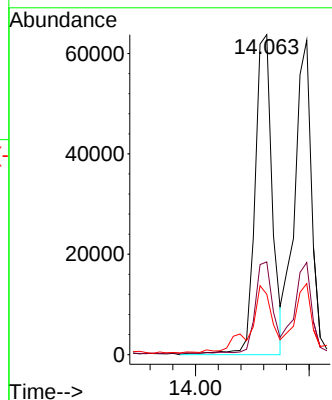
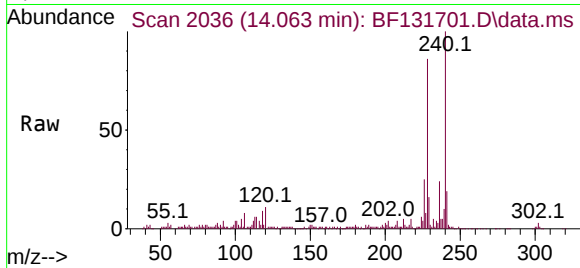
#81
Benzo(a)anthracene
Concen: 5.783 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Instrument :
BNA_F
ClientSampleId :
BU-03-121522

Tgt Ion:228 Resp: 6689
Ion Ratio Lower Upper
228 100
226 29.0 21.5 32.3
229 18.9 15.8 23.6

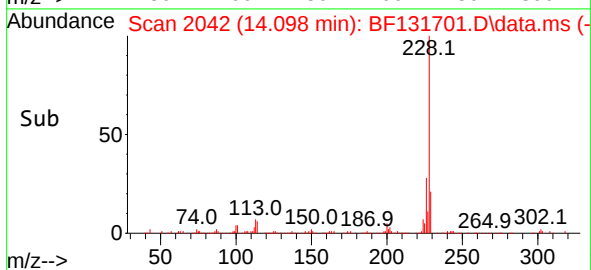
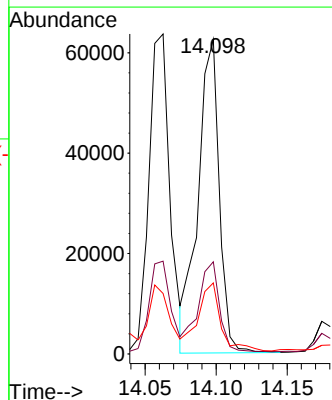
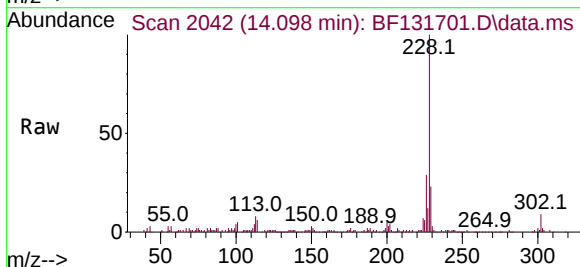
Manual Integrations
APPROVED

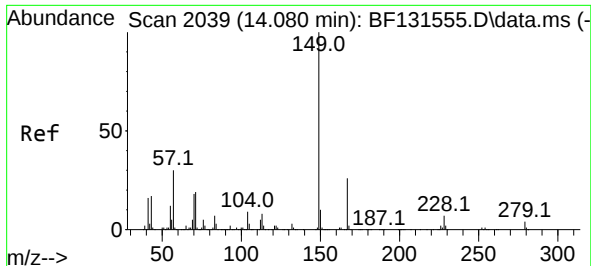
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#83
Chrysene
Concen: 5.914 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:228 Resp: 65040
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 22.6 16.7 25.1





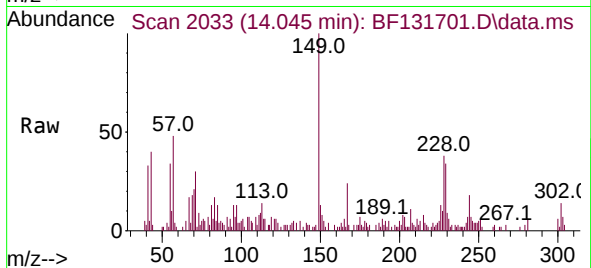
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.067 ng
RT: 14.045 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Instrument :

BNA_F

ClientSampleId :

BU-03-121522

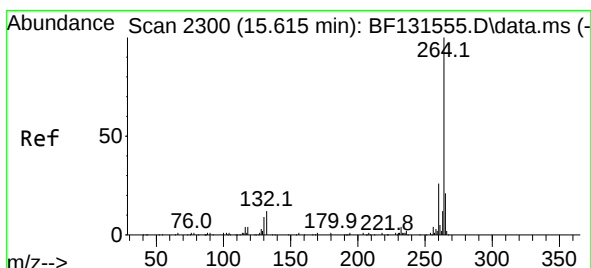
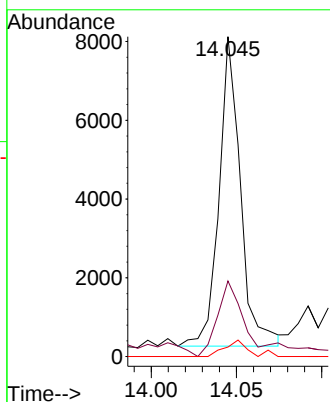
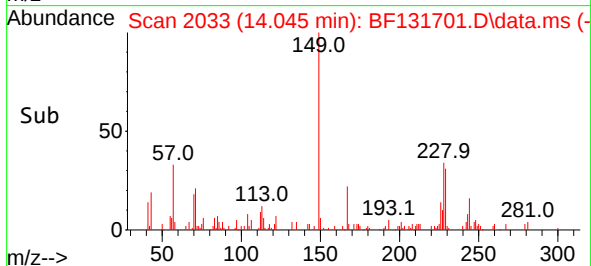


Tgt Ion:149 Resp: 6880
Ion Ratio Lower Upper
149 100
167 23.6 20.8 31.2
279 3.0 3.3 4.9

Manual Integrations

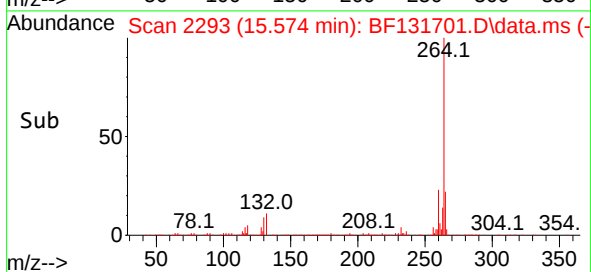
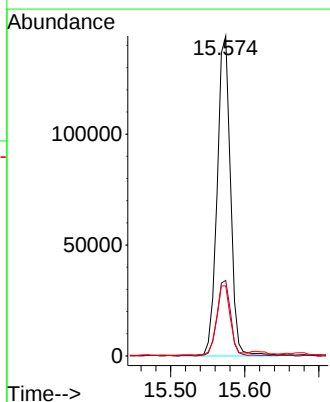
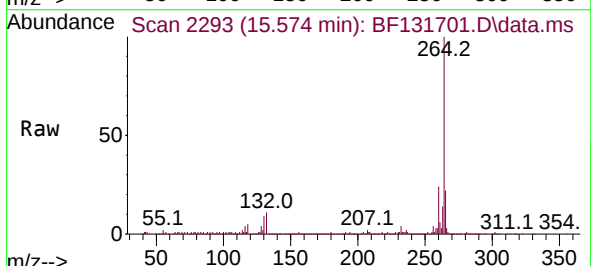
APPROVED

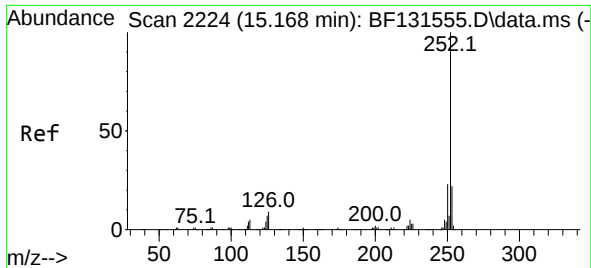
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:264 Resp: 180425
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 21.9 16.8 25.2





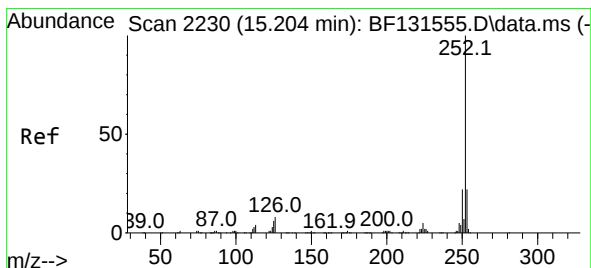
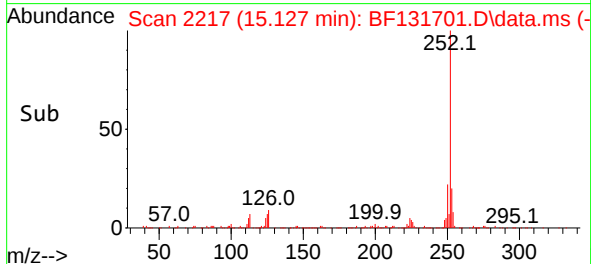
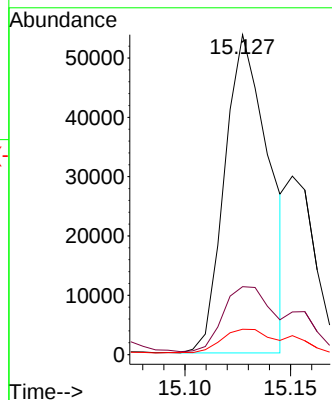
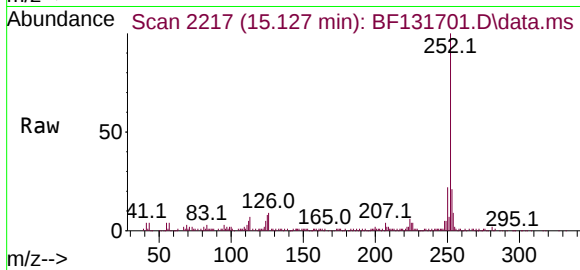
#88
Benzo(b)fluoranthene
Concen: 6.579 ng m
RT: 15.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Instrument :
BNA_F
ClientSampleId :
BU-03-121522

Tgt Ion:252 Resp: 78233
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 7.9 5.6 8.4

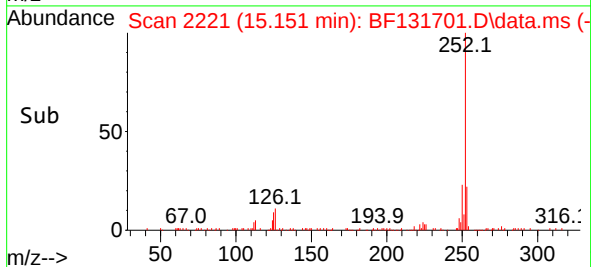
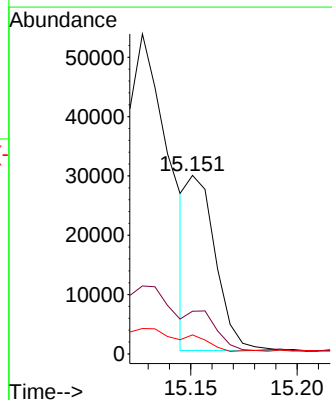
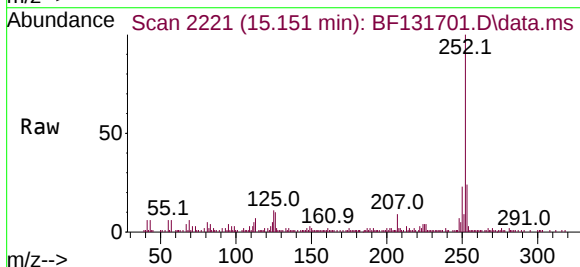
Manual Integrations
APPROVED

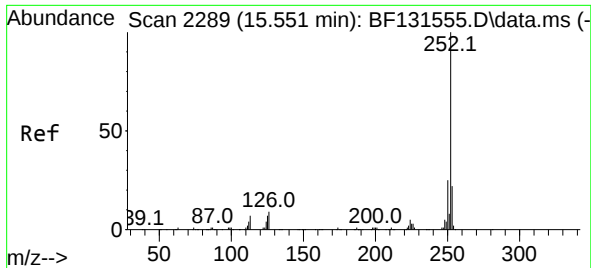
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022



#89
Benzo(k)fluoranthene
Concen: 2.192 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.012 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

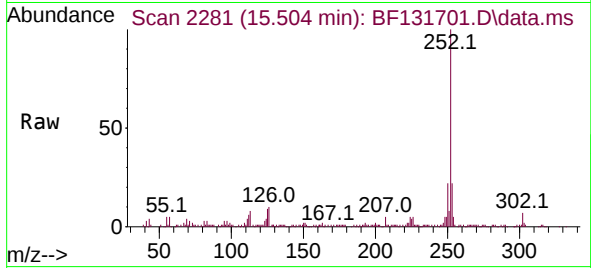
Tgt Ion:252 Resp: 27212
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 10.6 4.9 7.3#





#90
 Benzo(a)pyrene
 Concen: 5.725 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131701.D
 Acq: 19 Dec 2022 21:44

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-121522



Tgt Ion:252 Resp: 58098
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 8.6 5.6 8.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :Jagrut Upadhyay 12/20/2022

