

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130943.D
 Acq On : 02 Nov 2022 22:13
 Operator : CG\JU
 Sample : N5395-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8-103122

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 03:48:23 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	63288	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	222969	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	100682	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	144496	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	137121	20.000	ng	-0.01
86) Perylene-d12	15.621	264	146622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	518559	142.046	ng	0.00
7) Phenol-d6	6.545	99	632321	133.288	ng	0.00
23) Nitrobenzene-d5	7.487	82	422332	114.214	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	114907	135.577	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	582334	87.446	ng	0.00
79) Terphenyl-d14	13.051	244	454166	60.694	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	13634	3.017	ng	85
71) Phenanthrene	11.480	178	15128	2.028	ng	98
75) Fluoranthene	12.674	202	37013	4.671	ng	96
78) Pyrene	12.904	202	32902	2.844	ng	97
81) Benzo(a)anthracene	14.098	228	22305	2.453	ng	# 93
83) Chrysene	14.133	228	23126m	2.637	ng	
88) Benzo(b)fluoranthene	15.168	252	29744m	3.138	ng	
90) Benzo(a)pyrene	15.551	252	21500	2.822	ng	# 91

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

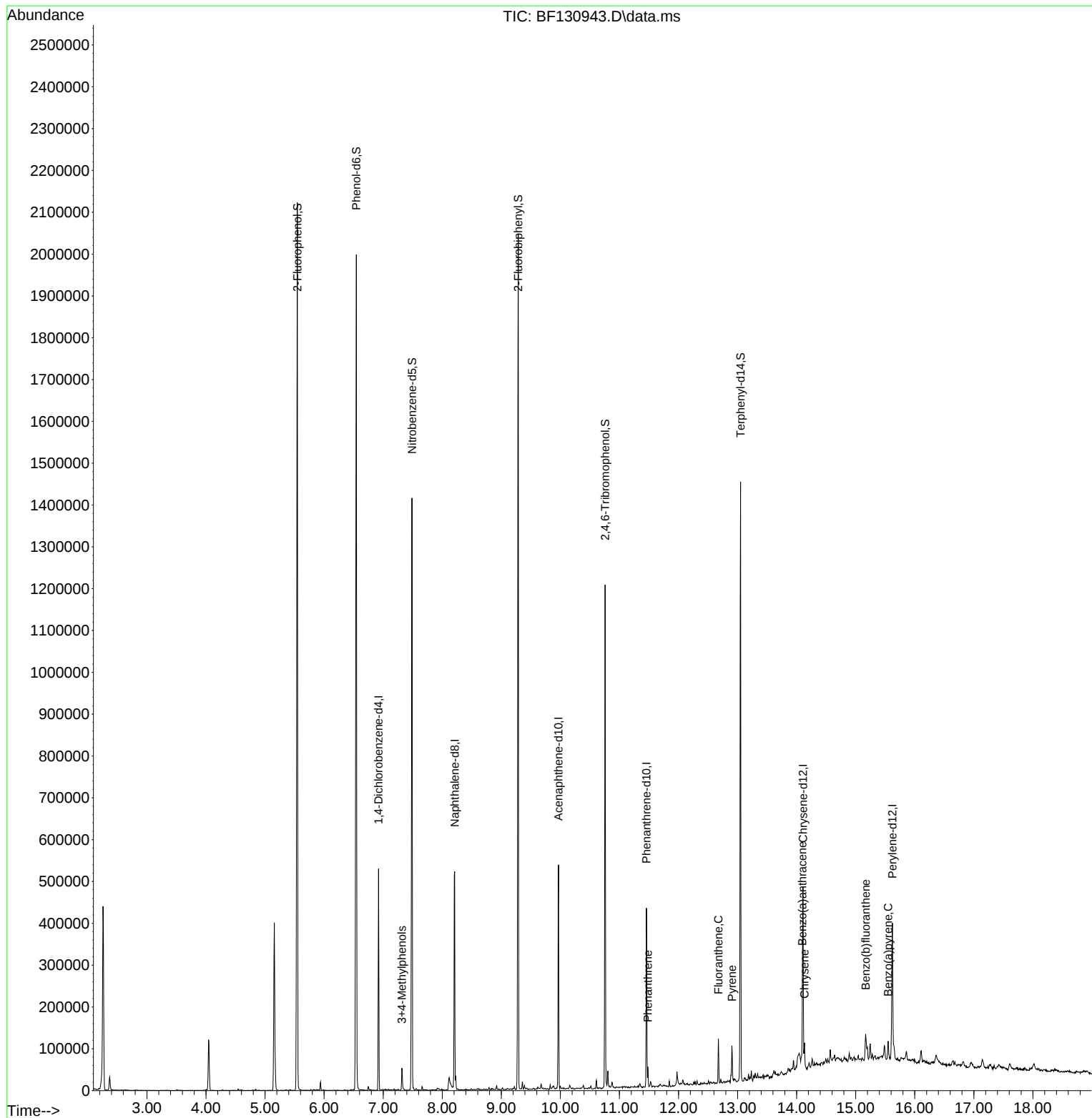
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130943.D
Acq On : 02 Nov 2022 22:13
Operator : CG\JU
Sample : N5395-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

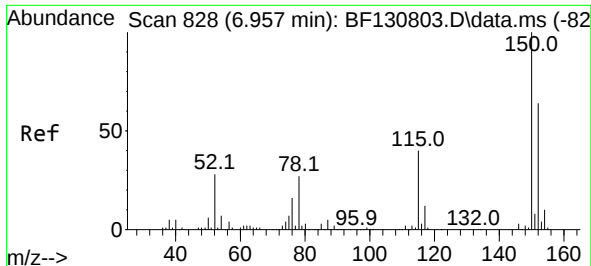
Instrument :
BNA_F
ClientSampleId :
S-8-103122

Quant Time: Nov 03 03:48:23 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

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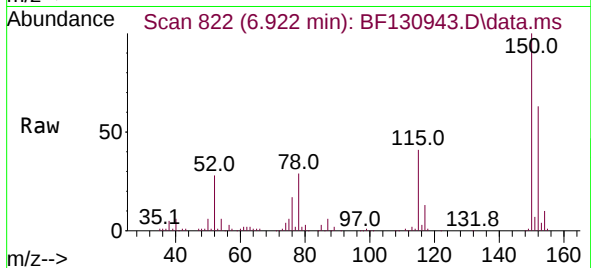
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

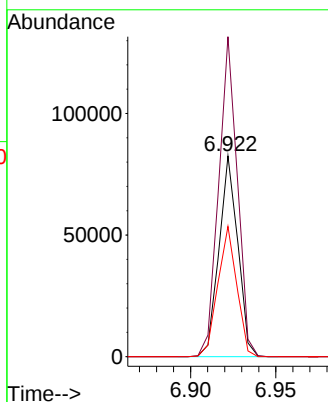
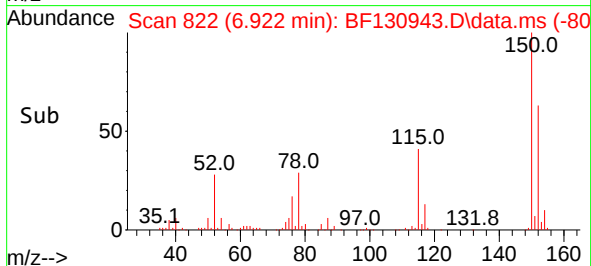
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:152 Resp: 63288
Ion Ratio Lower Upper
152 100
150 159.5 124.1 186.1
115 64.9 50.1 75.1

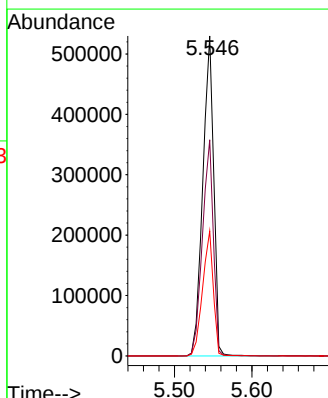
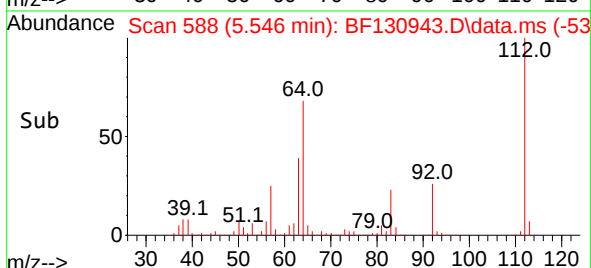
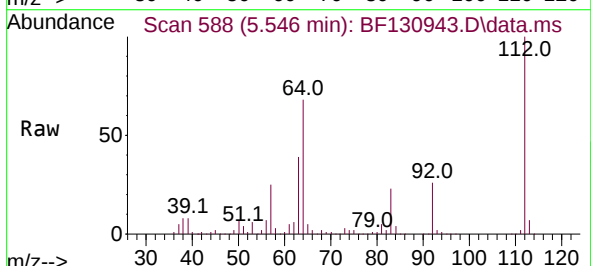
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#5
2-Fluorophenol
Concen: 142.046 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

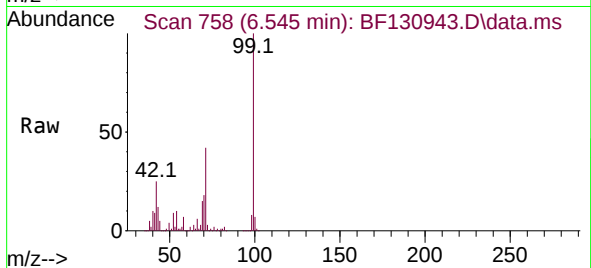
Tgt Ion:112 Resp: 518559
Ion Ratio Lower Upper
112 100
64 67.5 53.9 80.9
63 39.1 29.4 44.2





#7
Phenol-d6
Concen: 133.288 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

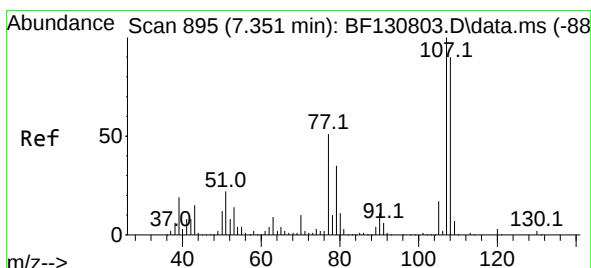
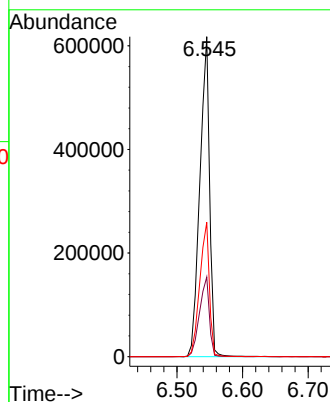
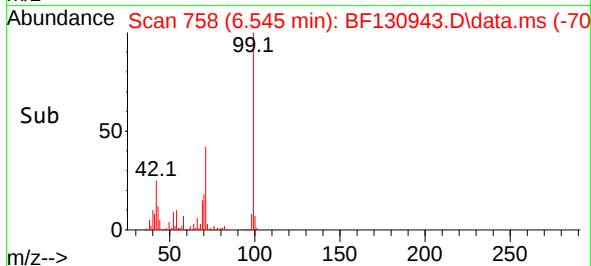
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion: 99 Resp: 63232
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 42.0 31.4 47.0

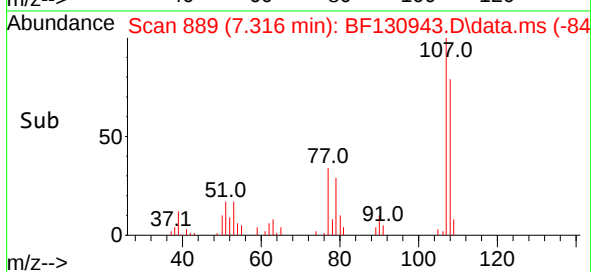
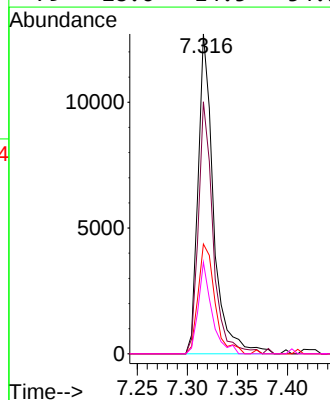
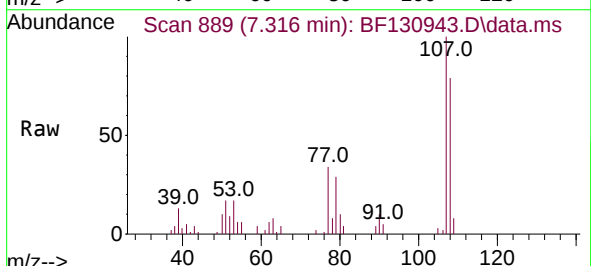
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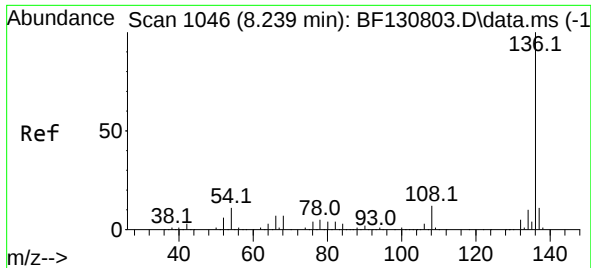
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#20
3+4-Methylphenols
Concen: 3.017 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

Tgt Ion:107 Resp: 13634
Ion Ratio Lower Upper
107 100
108 78.8 70.4 110.4
77 34.3 31.1 71.1
79 28.6 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

Instrument :

BNA_F

ClientSampleId :

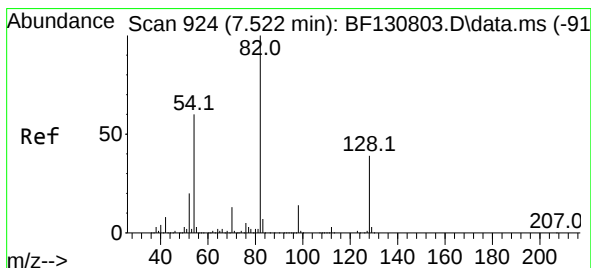
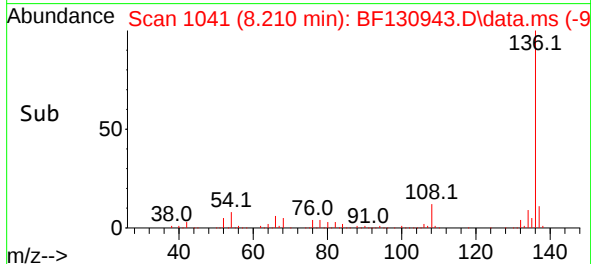
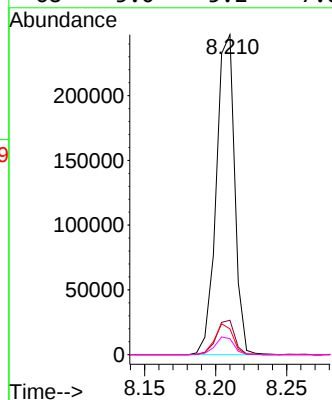
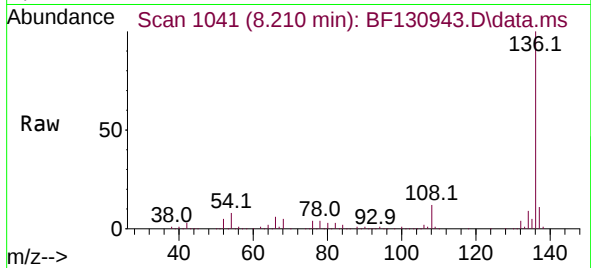
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Tgt Ion:136 Resp: 222969
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.0 8.8 13.2
68 5.0 5.2 7.8#

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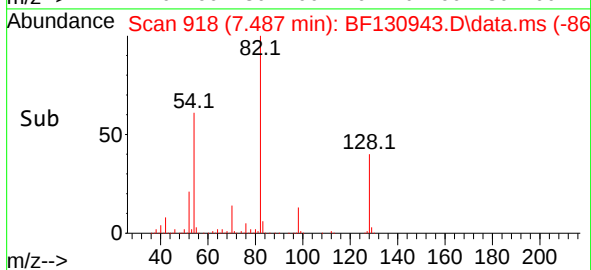
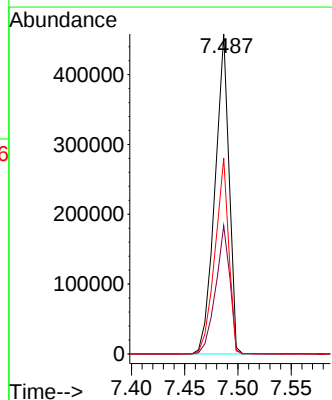
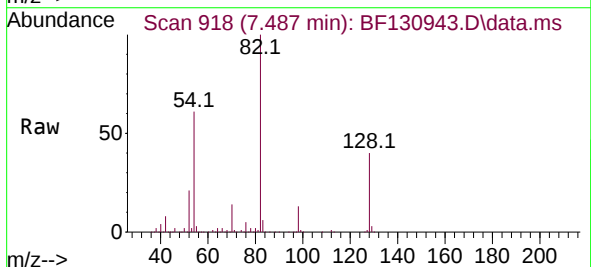
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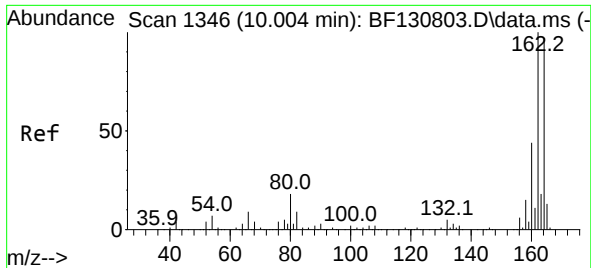
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 114.214 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

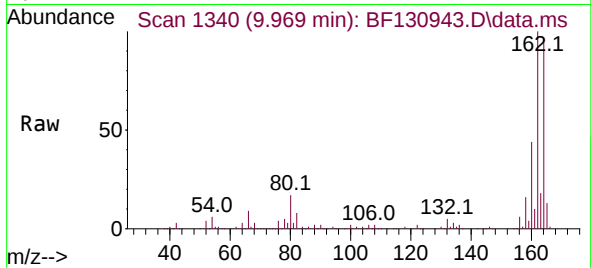
Tgt Ion: 82 Resp: 422332
Ion Ratio Lower Upper
82 100
128 40.1 31.2 46.8
54 61.2 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

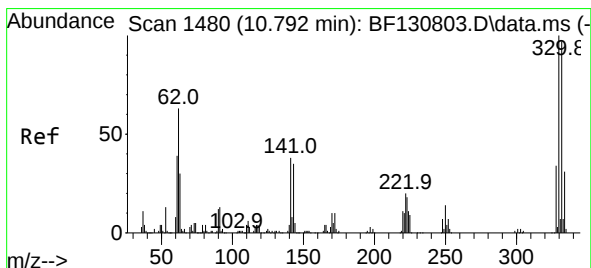
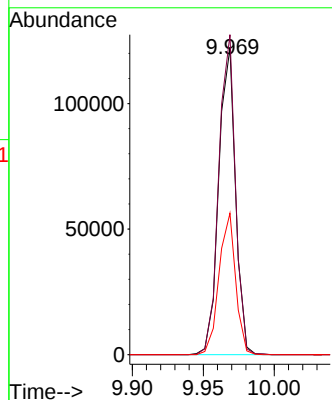
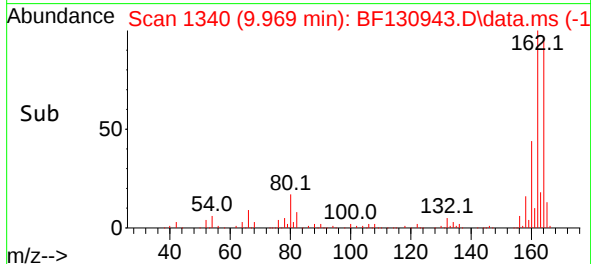
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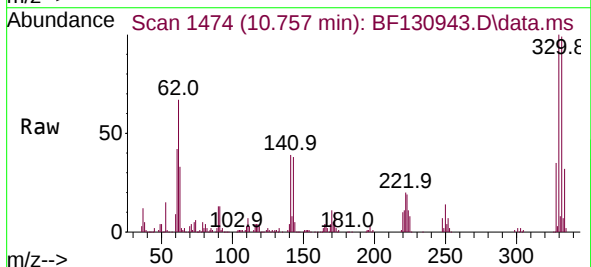
Tgt Ion:164 Resp: 100682
Ion Ratio Lower Upper
164 100
162 104.3 82.2 123.2
160 46.1 36.6 54.8

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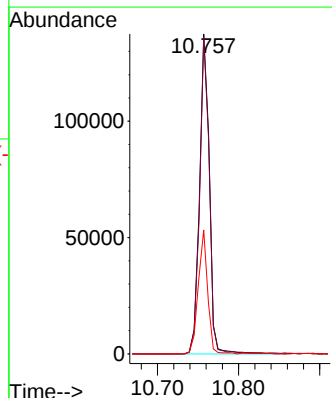
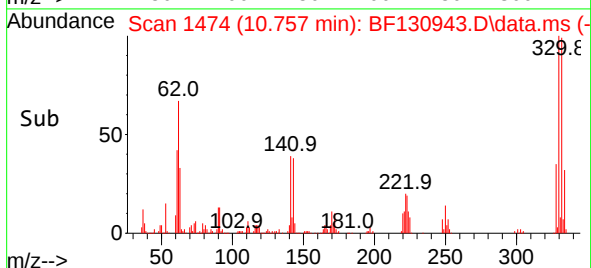
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Supervised By :Jagrut Upadhyay 11/03/2022

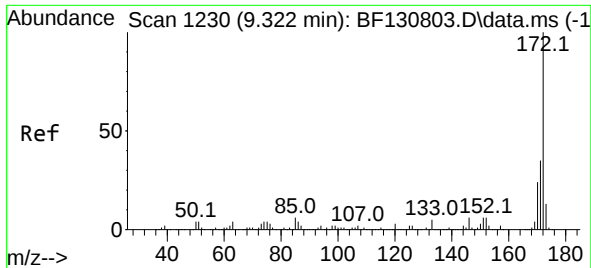


#42
2,4,6-Tribromophenol
Concen: 135.577 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13



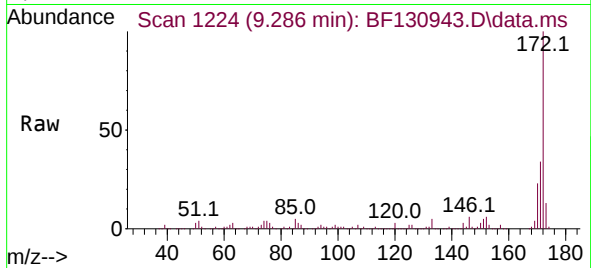
Tgt Ion:330 Resp: 114907
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 37.1 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 87.446 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

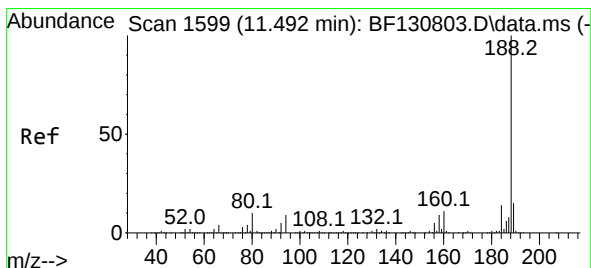
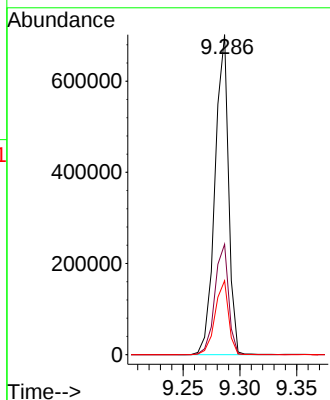
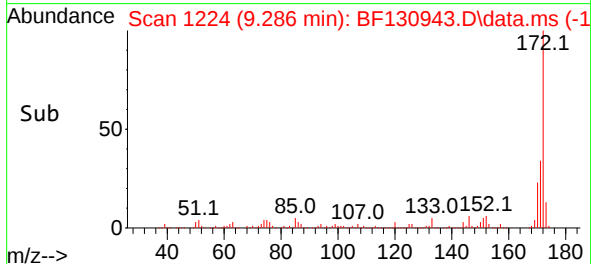
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:172 Resp: 582334
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.1 19.0 28.4

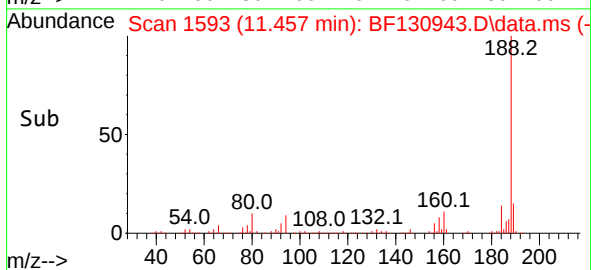
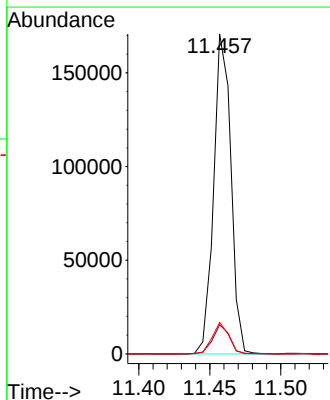
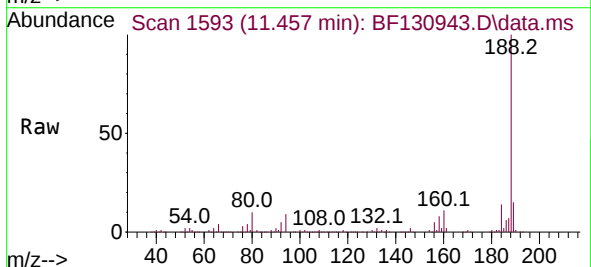
Manual Integrations
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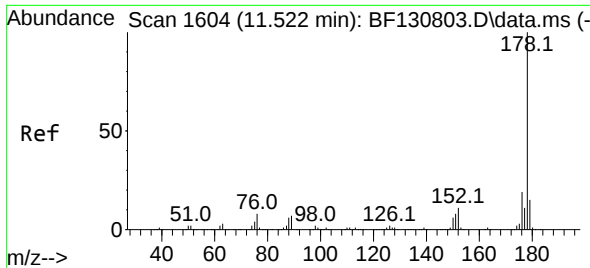
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

Tgt Ion:188 Resp: 144496
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.8 8.0 12.0





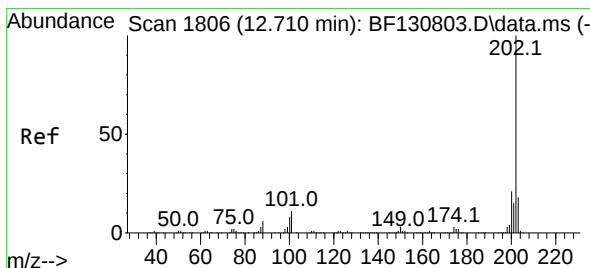
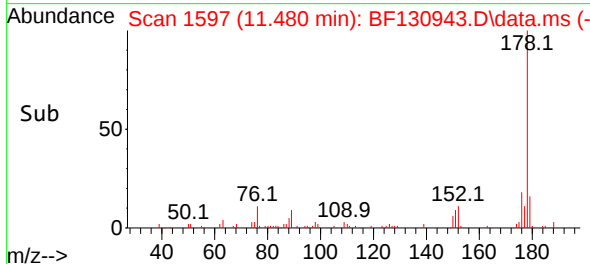
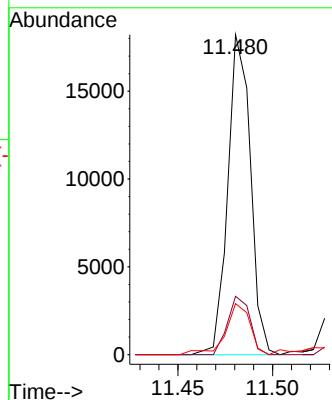
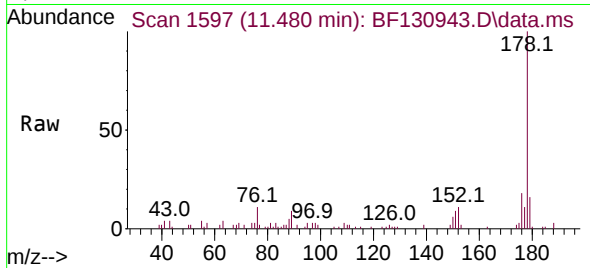
#71
Phenanthrene
Concen: 2.028 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

Instrument :
BNA_F
ClientSampleId :
S-8-103122

Tgt Ion:178 Resp: 15128
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.9 12.2 18.2

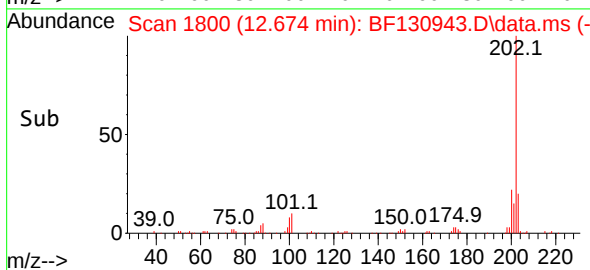
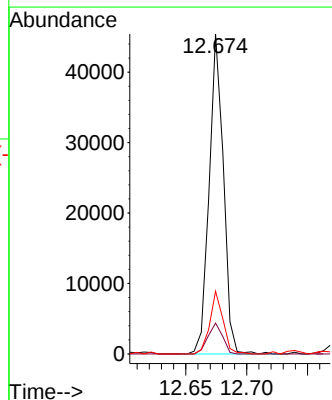
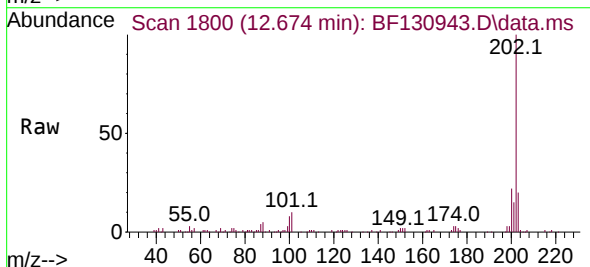
Manual Integrations
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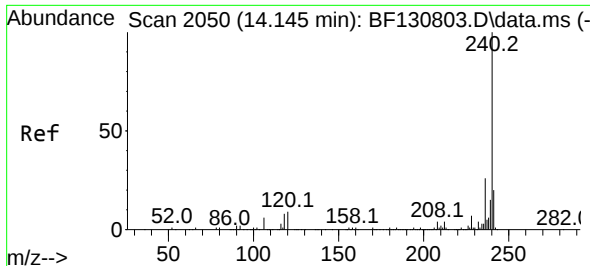
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#75
Fluoranthene
Concen: 4.671 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

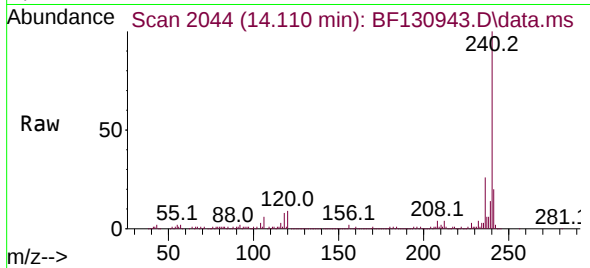
Tgt Ion:202 Resp: 37013
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.9
203 19.6 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

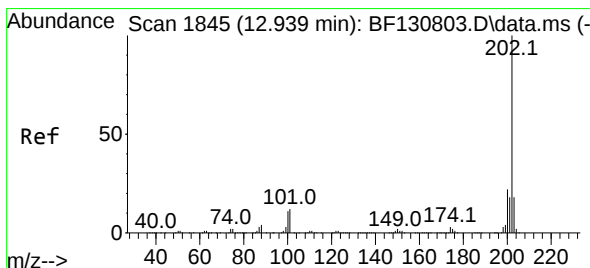
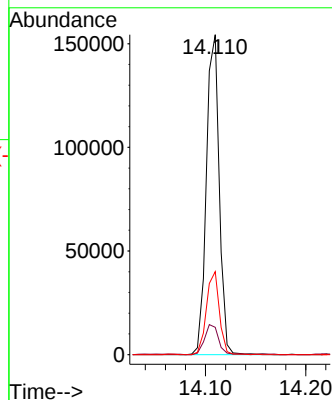
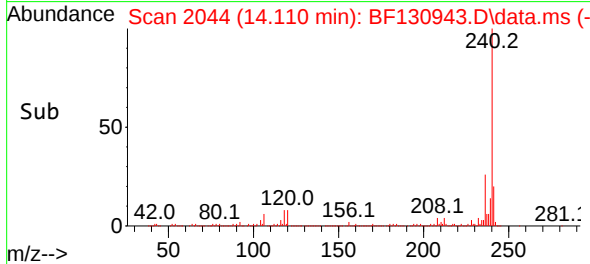
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:240 Resp: 13712
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.4
236 25.9 20.5 30.7

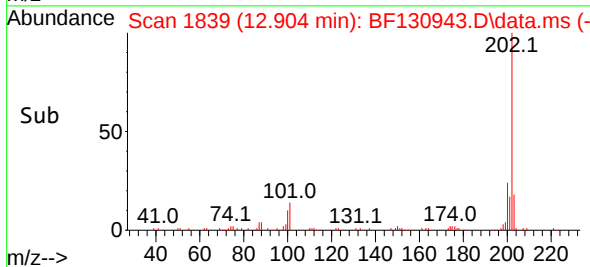
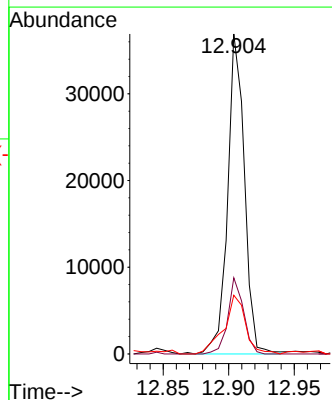
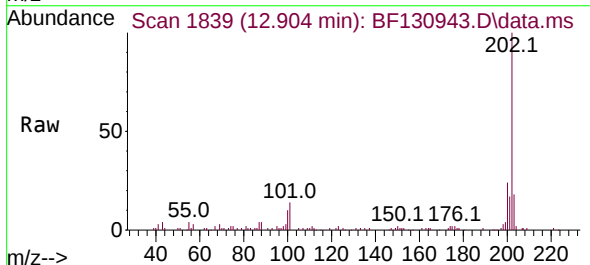
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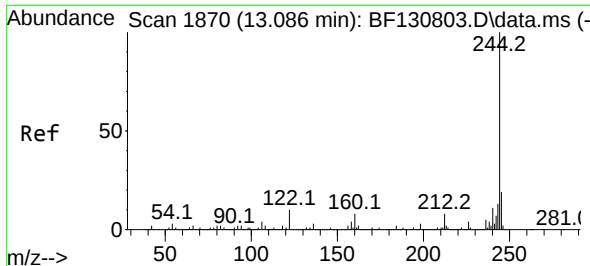
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 2.844 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

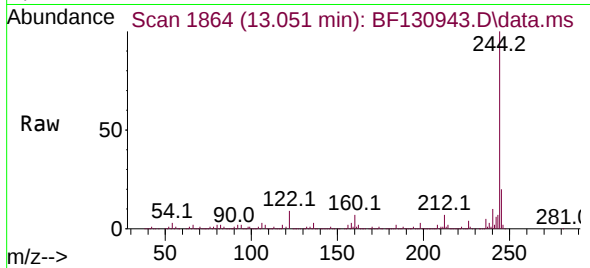
Tgt Ion:202 Resp: 32902
Ion Ratio Lower Upper
202 100
200 23.8 17.2 25.8
203 18.3 14.5 21.7





#79
 Terphenyl-d14
 Concen: 60.694 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130943.D
 Acq: 02 Nov 2022 22:13

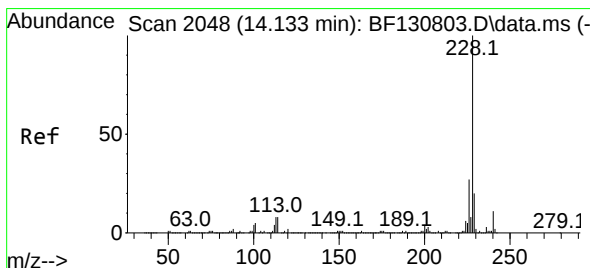
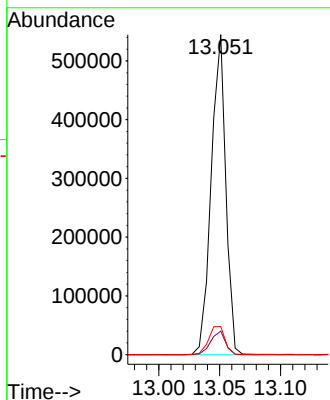
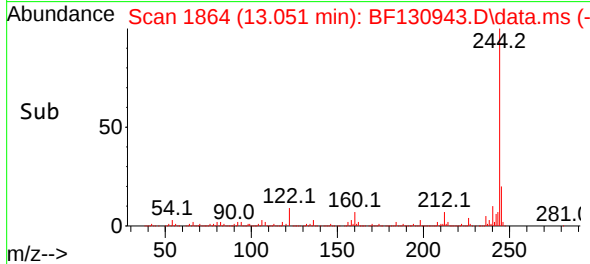
Instrument :
 BNA_F
 ClientSampleId :
 S-8-103122



Tgt Ion:244 Resp: 454166
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.8 7.9 11.9

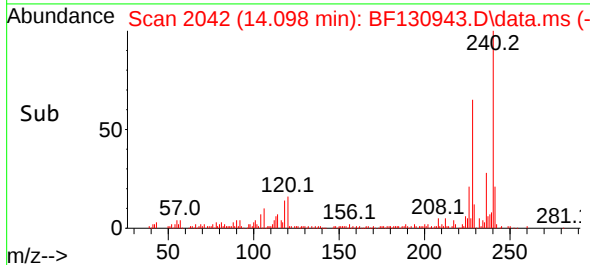
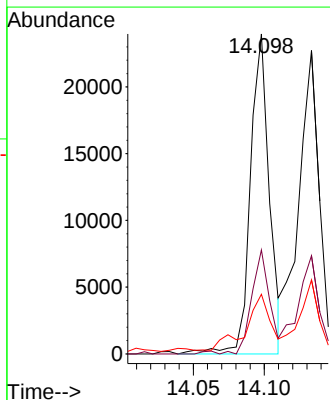
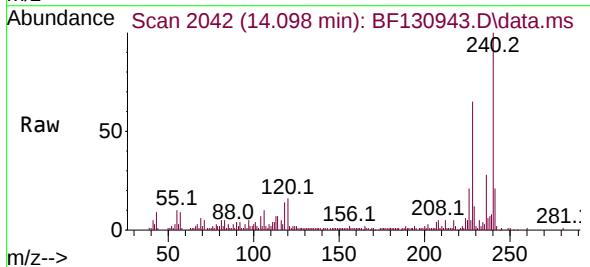
Manual Integrations
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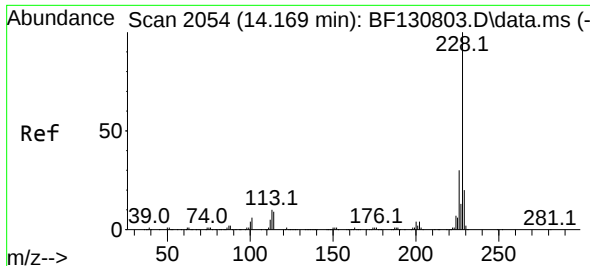
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#81
 Benzo(a)anthracene
 Concen: 2.453 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130943.D
 Acq: 02 Nov 2022 22:13

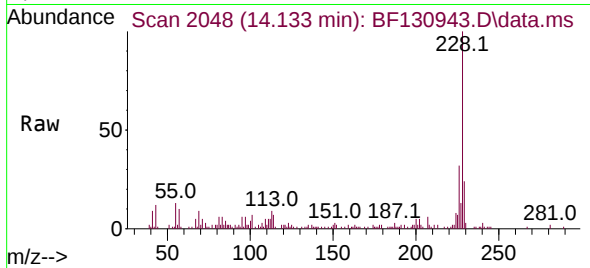
Tgt Ion:228 Resp: 22305
 Ion Ratio Lower Upper
 228 100
 226 32.5 21.4 32.2#
 229 18.6 15.8 23.6





#83
Chrysene
Concen: 2.637 ng m
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

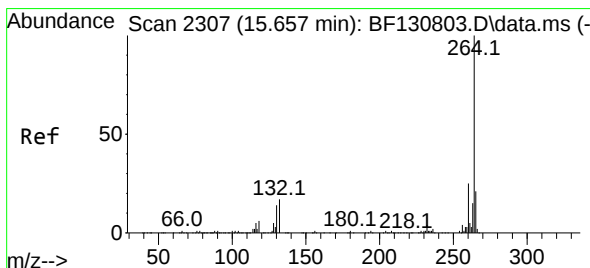
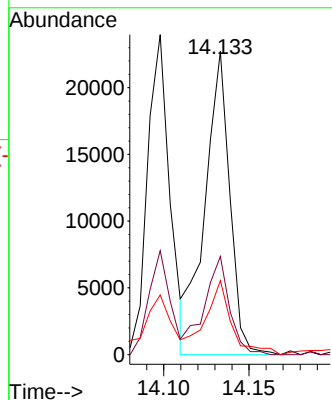
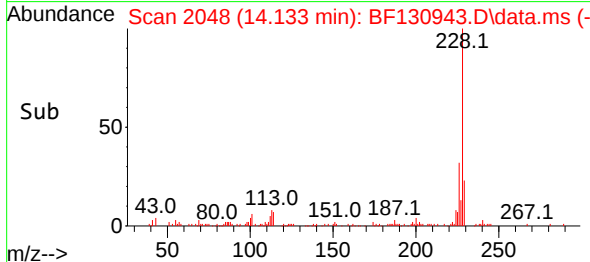
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:228 Resp: 23126
Ion Ratio Lower Upper
228 100
226 32.4 23.9 35.9
229 24.4 15.8 23.6

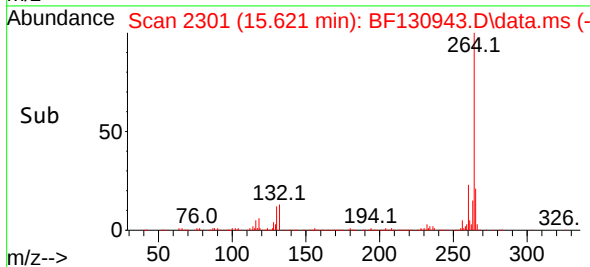
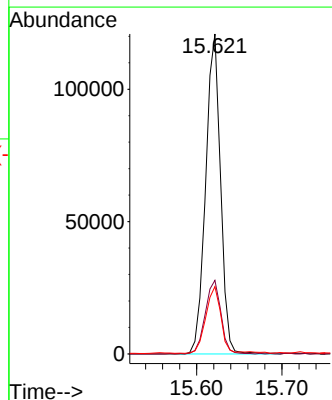
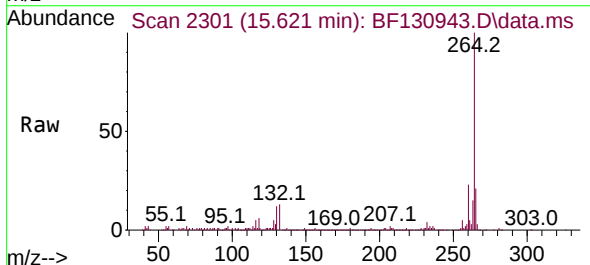
Manual Integrations
APPROVED

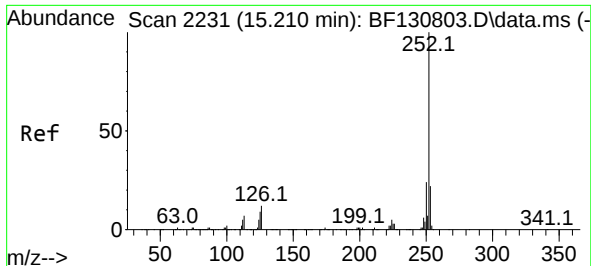
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

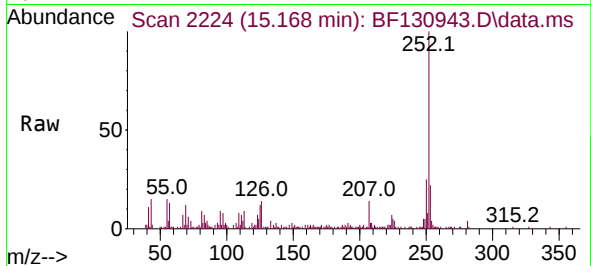
Tgt Ion:264 Resp: 146622
Ion Ratio Lower Upper
264 100
260 23.0 19.9 29.9
265 21.0 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 3.138 ng m
RT: 15.168 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13

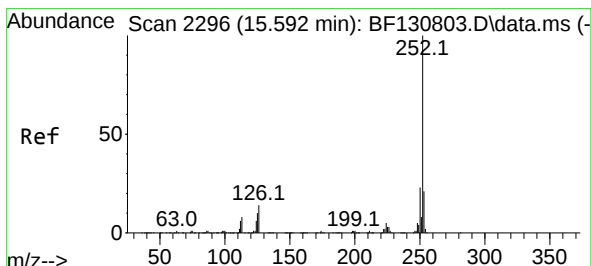
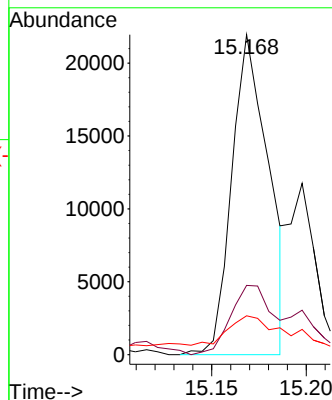
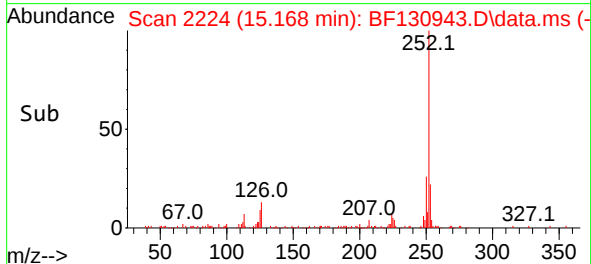
Instrument :
BNA_F
ClientSampleId :
S-8-103122



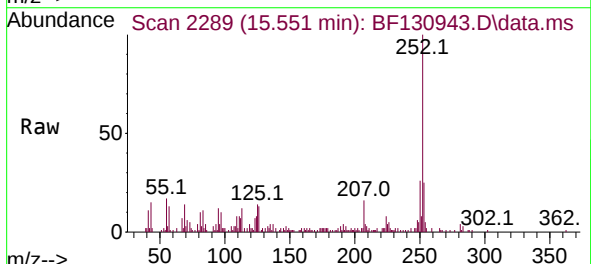
Tgt Ion:252 Resp: 29744
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 12.1 7.0 10.4

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.822 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF130943.D
Acq: 02 Nov 2022 22:13



Tgt Ion:252 Resp: 21500
Ion Ratio Lower Upper
252 100
253 25.1 16.8 25.2
125 13.8 8.3 12.5

