

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131010.D
 Acq On : 05 Nov 2022 01:46
 Operator : CG\JU
 Sample : N5373-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-C(0-4)

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/05/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 05 03:05:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	70551	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	255008	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	119128	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	198816	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	179382	20.000	ng	0.00
86) Perylene-d12	15.604	264	197207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	389301	95.661	ng	0.00
7) Phenol-d6	6.534	99	465991	88.115	ng	0.00
23) Nitrobenzene-d5	7.475	82	313172	74.052	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	102091	101.804	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	535023	67.901	ng	0.00
79) Terphenyl-d14	13.039	244	515087	52.618	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.469	178	72801	7.095	ng	99
75) Fluoranthene	12.663	202	100973	9.261	ng	99
78) Pyrene	12.898	202	94615	6.252	ng	98
81) Benzo(a)anthracene	14.086	228	53076	4.463	ng	98
83) Chrysene	14.121	228	45310	3.950	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	34469	2.632	ng	97
88) Benzo(b)fluoranthene	15.157	252	57629m	4.521	ng	
90) Benzo(a)pyrene	15.539	252	42845	4.181	ng	95
92) Benzo(g,h,i)perylene	17.586	276	32877	3.019	ng	96

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

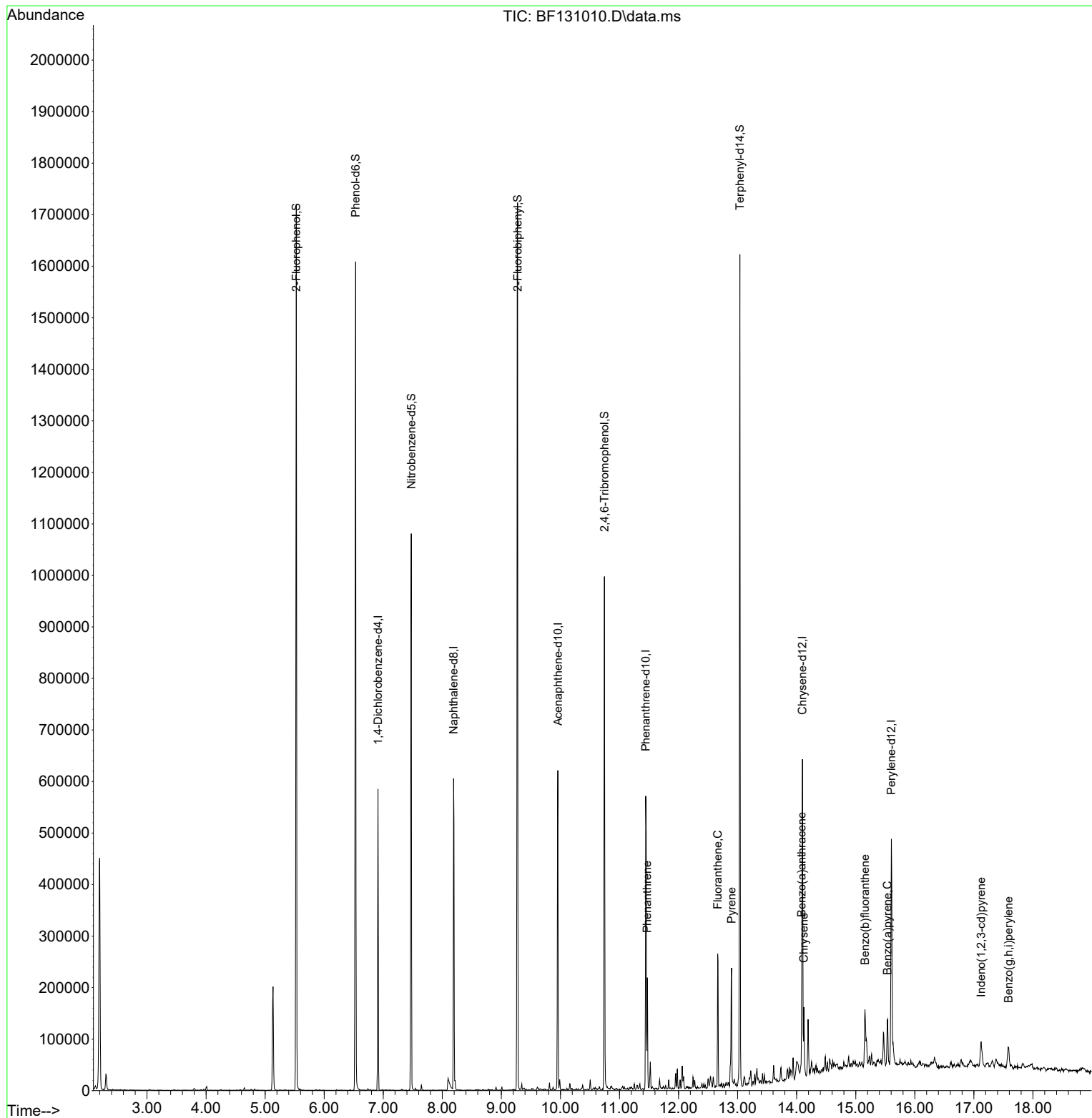
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
Data File : BF131010.D
Acq On : 05 Nov 2022 01:46
Operator : CG\JU
Sample : N5373-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

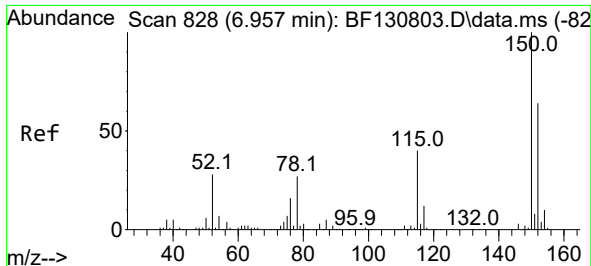
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)

Quant Time: Nov 05 03:05:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

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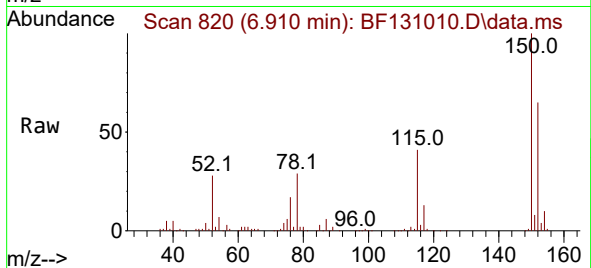
Reviewed By : Christian Giraldo 11/05/2022
Supervised By : Jagrut Upadhyay 11/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

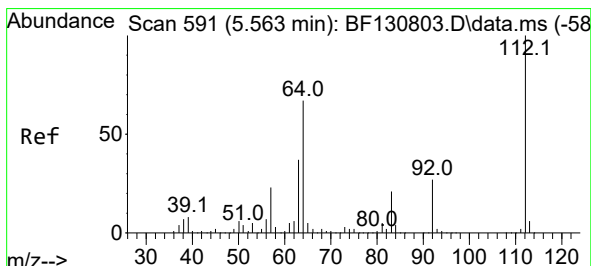
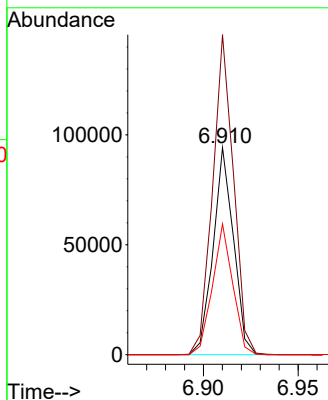
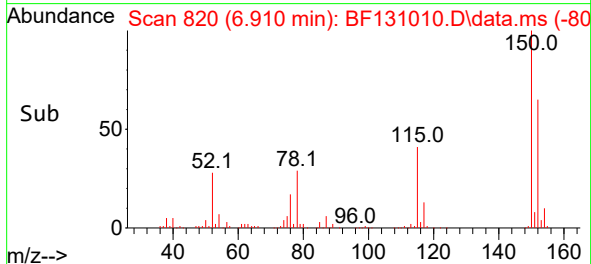
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)



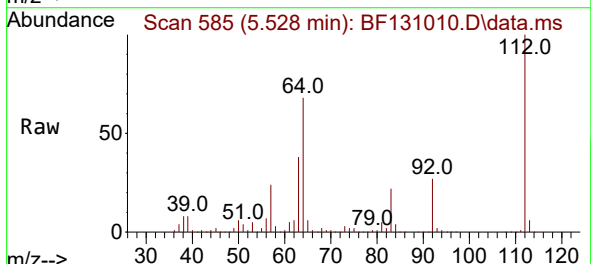
Tgt Ion:152 Resp: 7055
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 63.1 50.1 75.1

Manual Integrations
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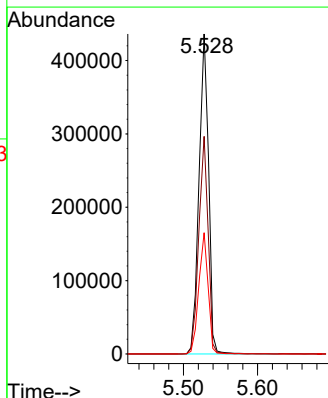
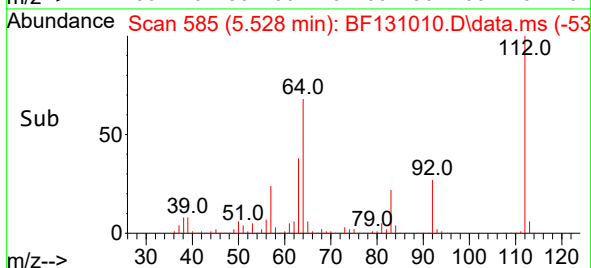
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

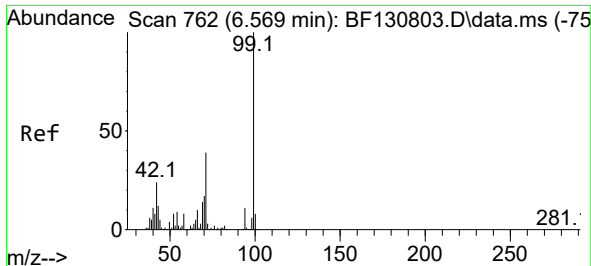


#5
2-Fluorophenol
Concen: 95.661 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46



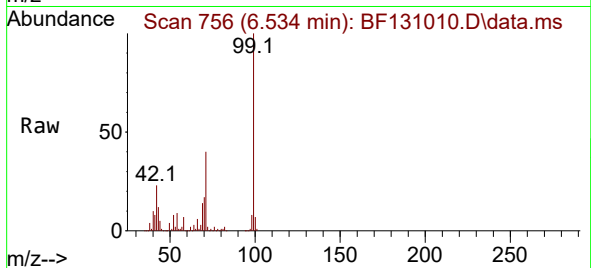
Tgt Ion:112 Resp: 389301
Ion Ratio Lower Upper
112 100
64 68.0 53.9 80.9
63 37.9 29.4 44.2





#7
Phenol-d6
Concen: 88.115 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

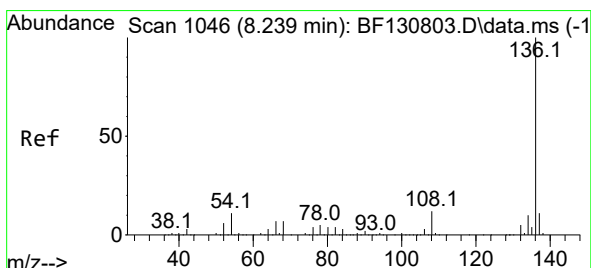
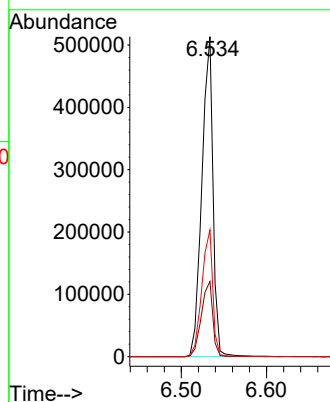
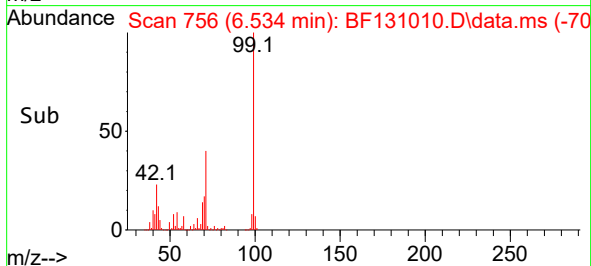
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)



Tgt Ion: 99 Resp: 46599
Ion Ratio Lower Upper
99 100
42 23.5 18.8 28.2
71 39.6 31.4 47.0

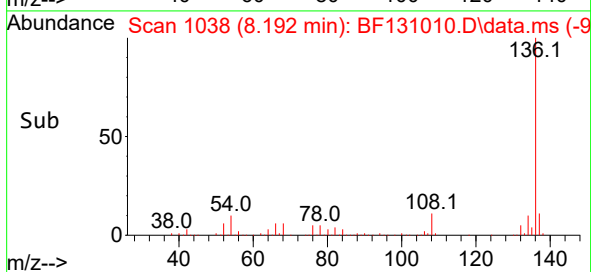
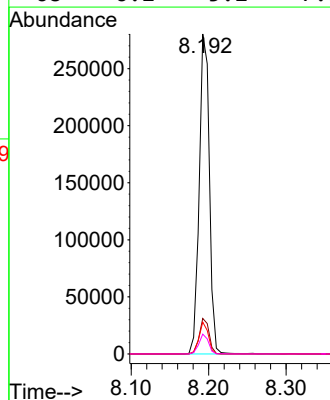
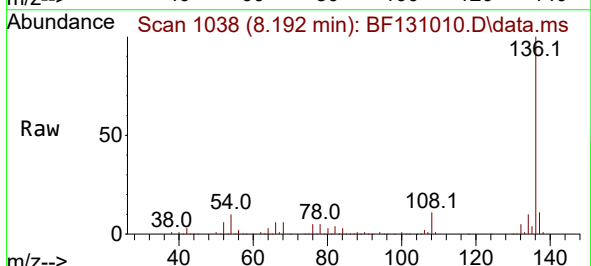
Manual Integrations
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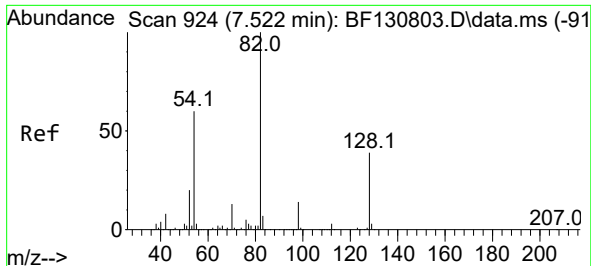
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

Tgt Ion:136 Resp: 255008
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.0 8.8 13.2
68 6.2 5.2 7.8





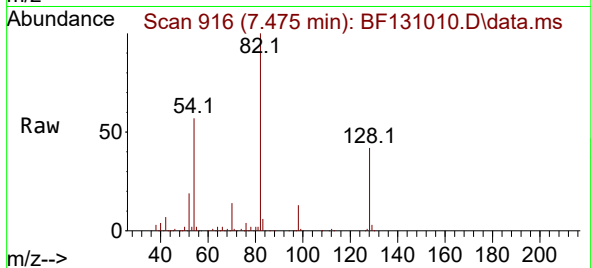
#23
Nitrobenzene-d5
Concen: 74.052 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

Instrument :

BNA_F

ClientSampleId :

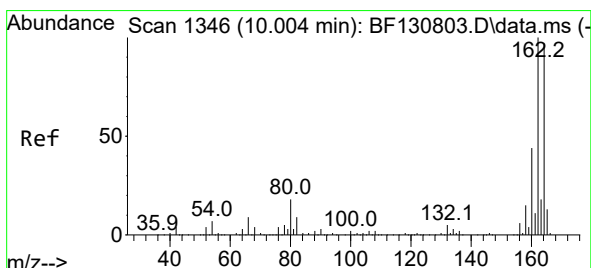
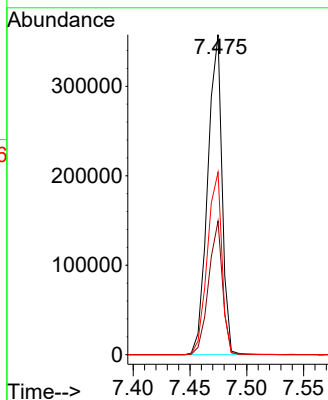
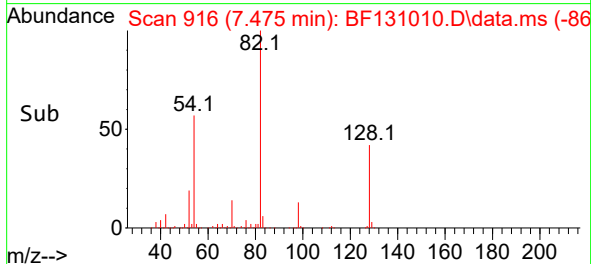
WC-C(0-4)



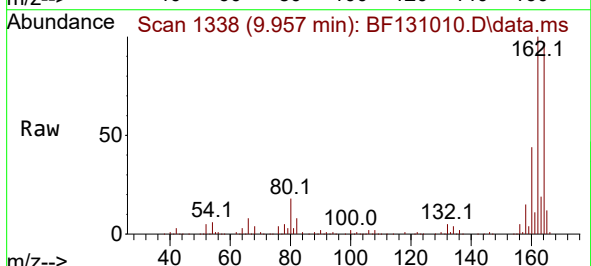
Tgt Ion: 82 Resp: 313172
Ion Ratio Lower Upper
82 100
128 41.8 31.2 46.8
54 57.0 48.0 72.0

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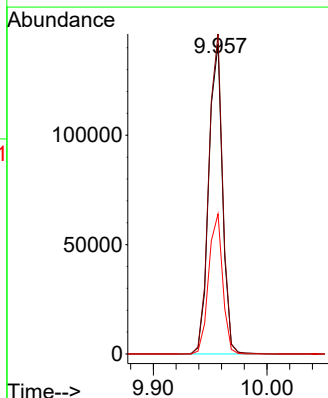
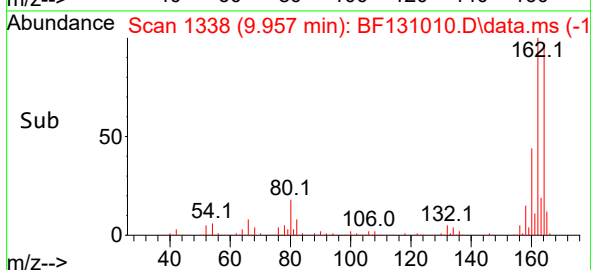
Reviewed By :Christian Giraldo 11/05/2022
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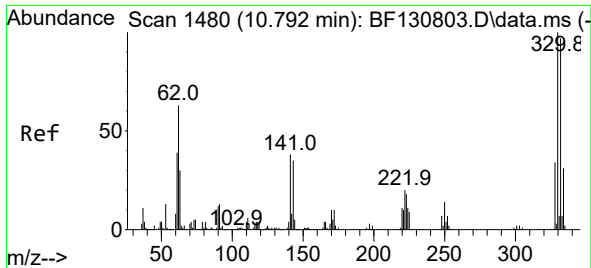


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46



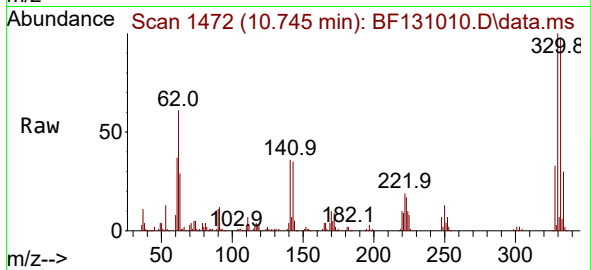
Tgt Ion:164 Resp: 119128
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 45.2 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 101.804 ng
RT: 10.745 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

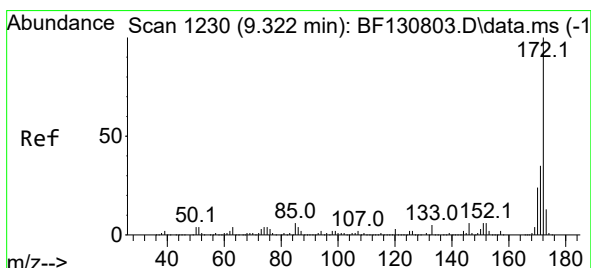
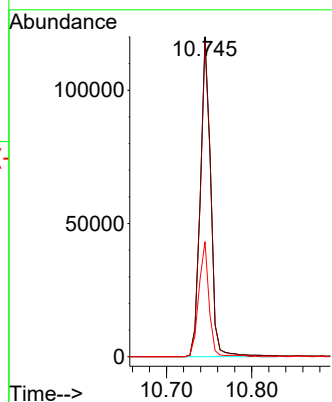
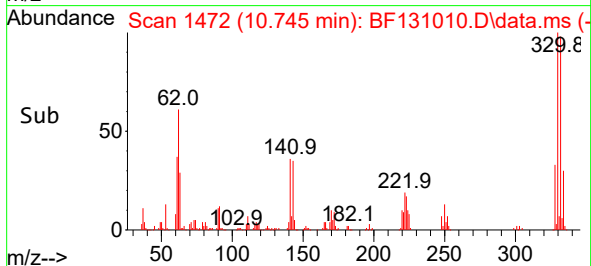
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)



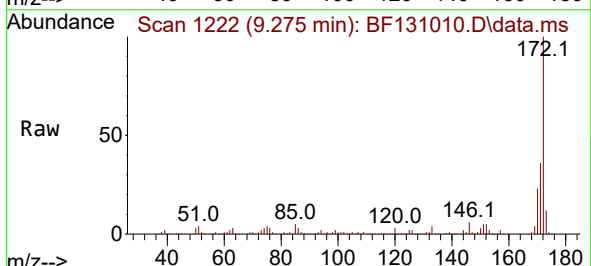
Tgt Ion:330 Resp: 102091
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 35.2 31.4 47.0

Manual Integrations
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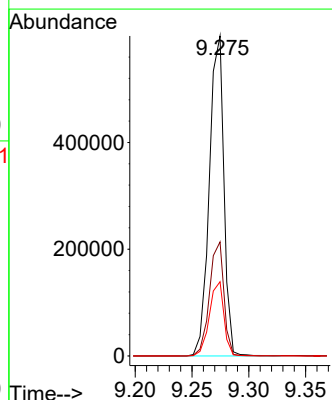
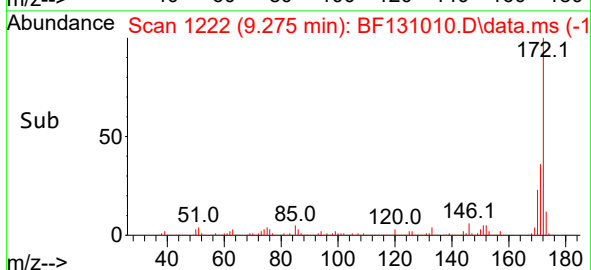
Reviewed By :Christian Giraldo 11/05/2022
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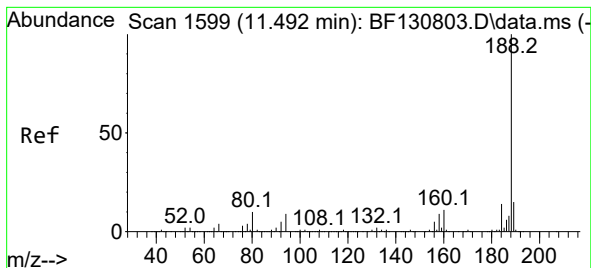


#45
2-Fluorobiphenyl
Concen: 67.901 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46



Tgt Ion:172 Resp: 535023
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1591

Delta R.T. -0.012 min

Lab File: BF131010.D

Acq: 05 Nov 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-C(0-4)

Tgt Ion:188 Resp: 198810

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

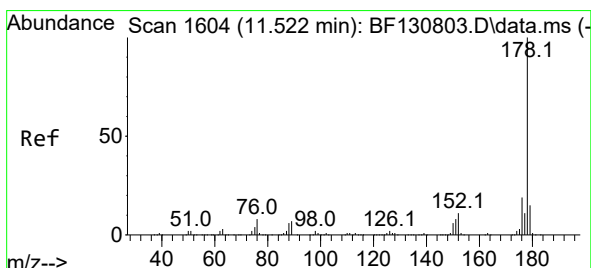
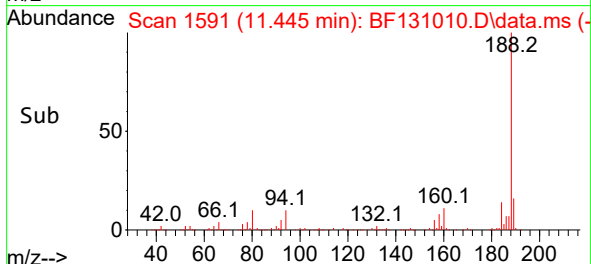
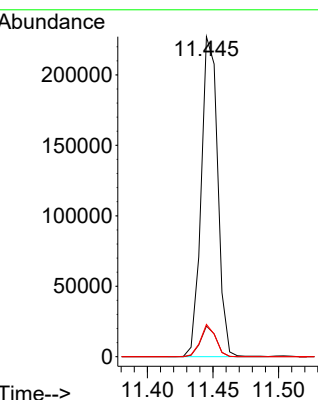
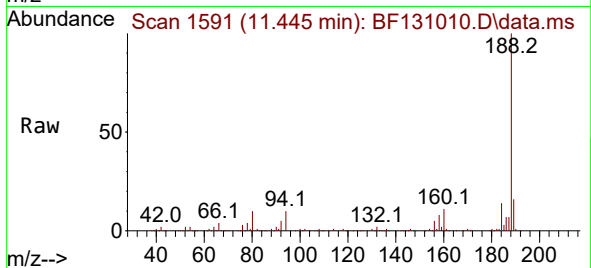
80 10.1 8.0 12.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/05/2022

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#71

Phenanthrene

Concen: 7.095 ng

RT: 11.469 min Scan# 1595

Delta R.T. -0.012 min

Lab File: BF131010.D

Acq: 05 Nov 2022 01:46

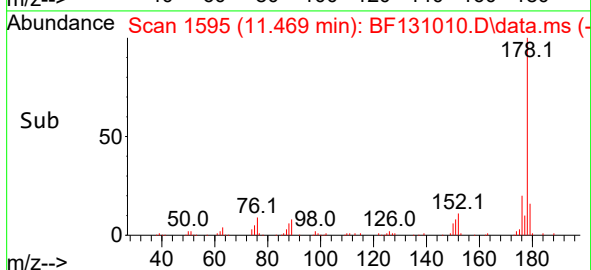
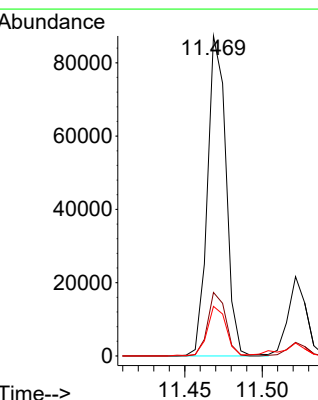
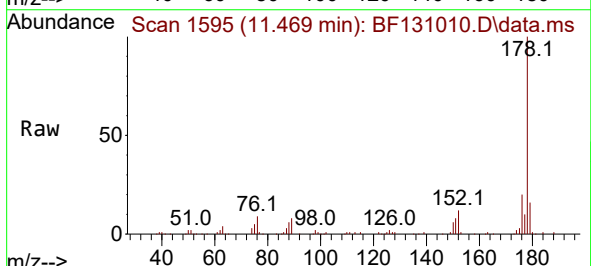
Tgt Ion:178 Resp: 72801

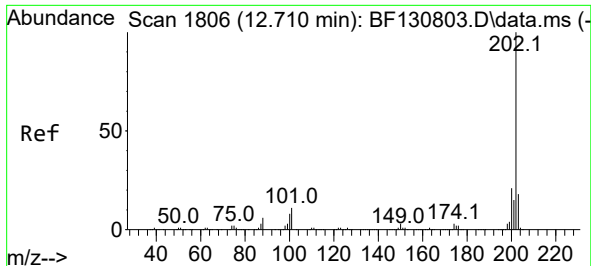
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

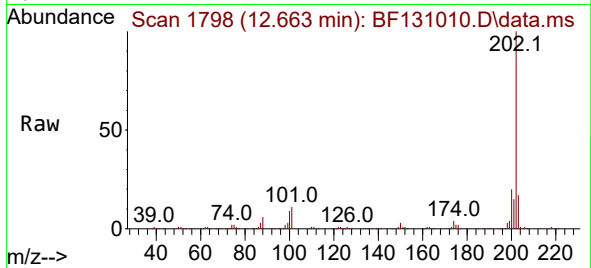
179 15.5 12.2 18.2





#75
Fluoranthene
Concen: 9.261 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

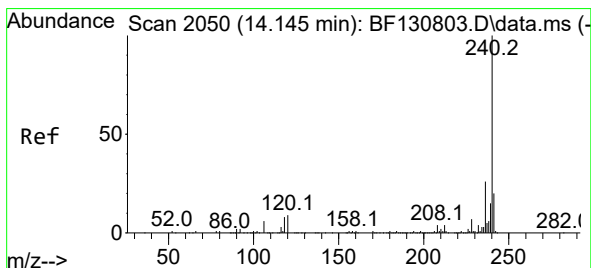
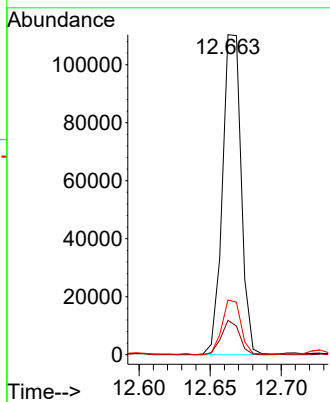
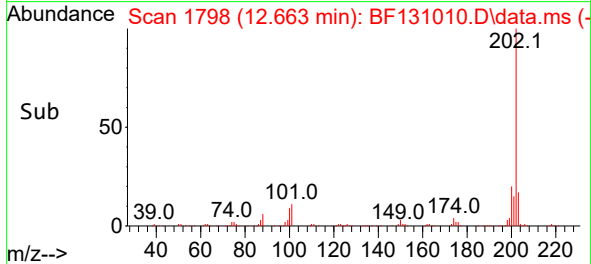
Instrument :
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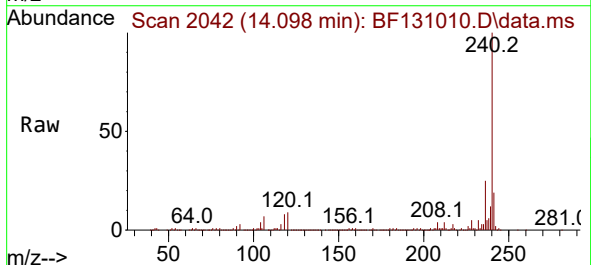
Tgt Ion:202 Resp: 10097
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.9
203 17.1 0.0 37.7

Manual Integrations
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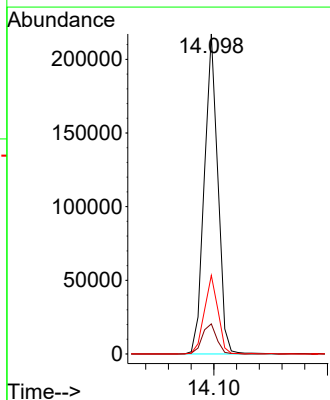
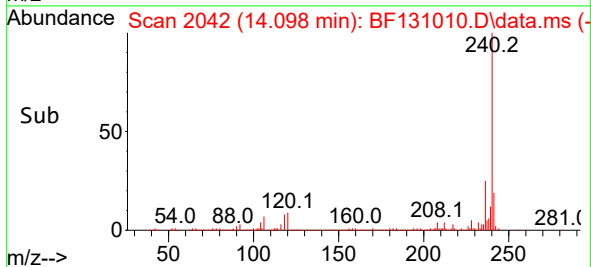
Reviewed By :Christian Giraldo 11/05/2022
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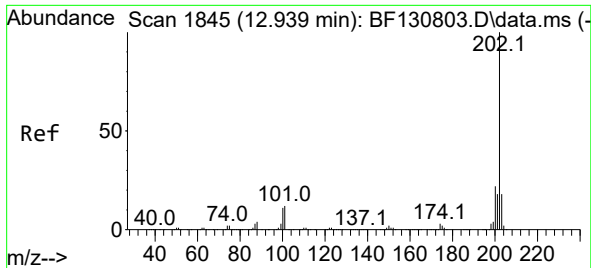


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46



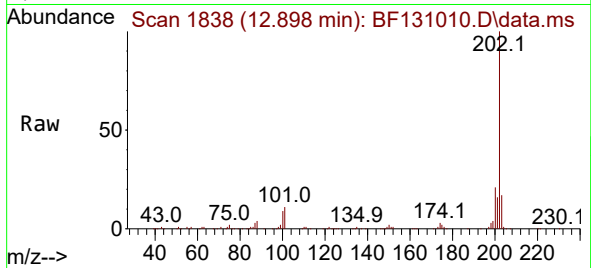
Tgt Ion:240 Resp: 179382
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 24.6 20.5 30.7





#78
Pyrene
Concen: 6.252 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

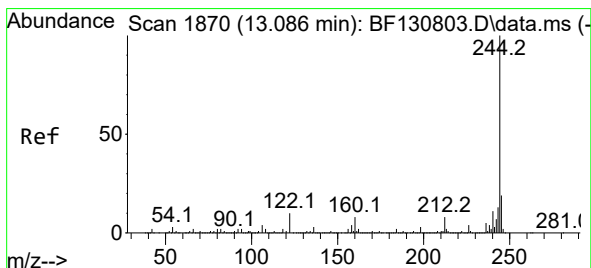
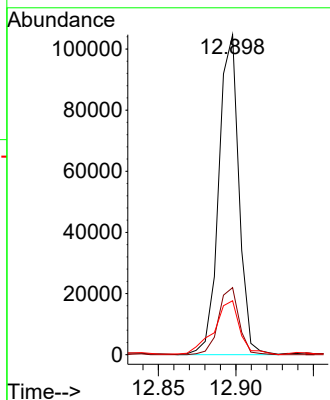
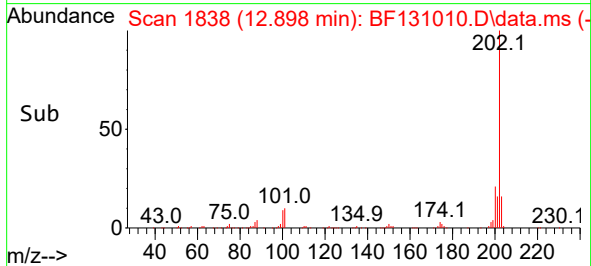
Instrument :
BNA_F
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WC-C(0-4)



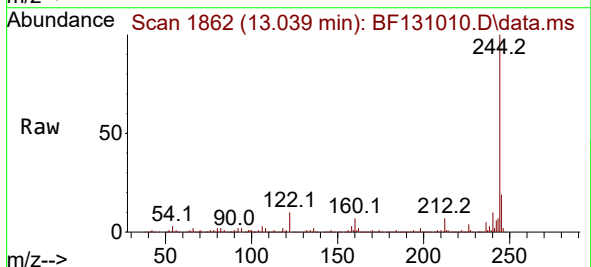
Tgt Ion:202 Resp: 94615
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 16.9 14.5 21.7

Manual Integrations
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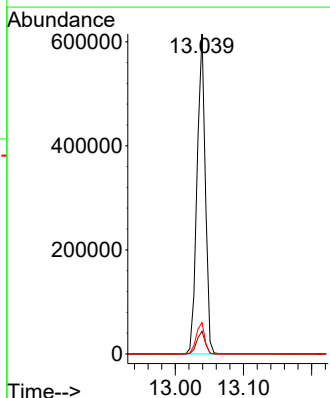
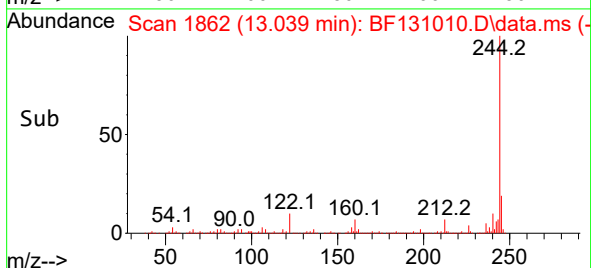
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

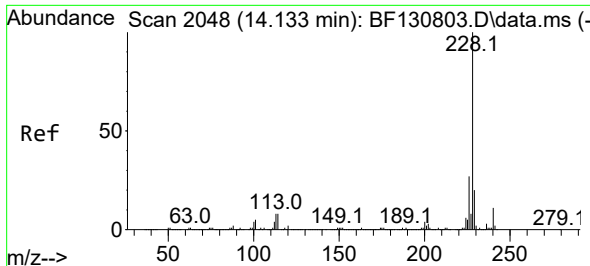


#79
Terphenyl-d14
Concen: 52.618 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46



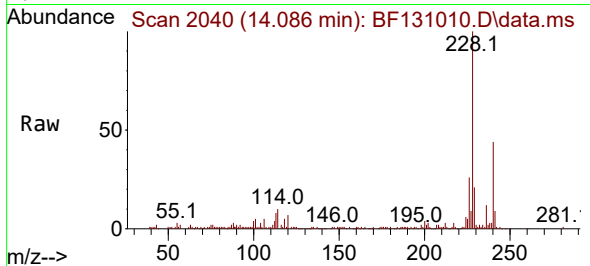
Tgt Ion:244 Resp: 515087
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 9.8 7.9 11.9





#81
Benzo(a)anthracene
Concen: 4.463 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

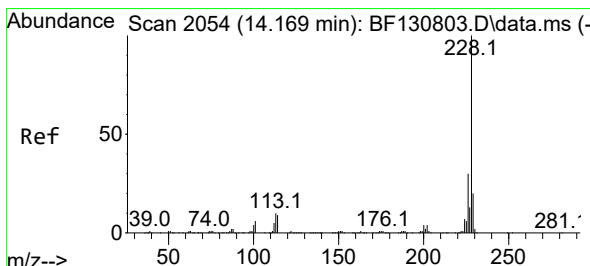
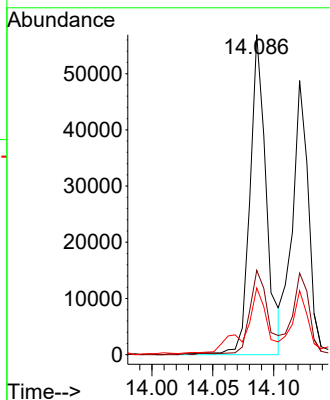
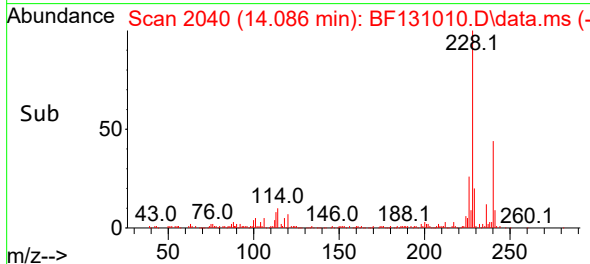
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)



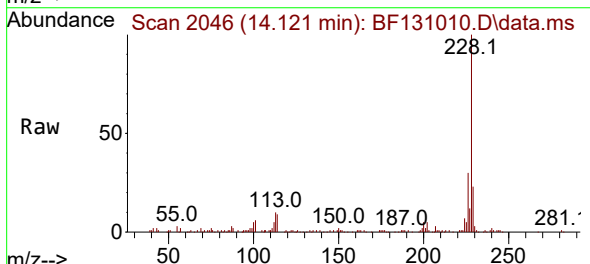
Tgt Ion:228 Resp: 53070
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 20.9 15.8 23.6

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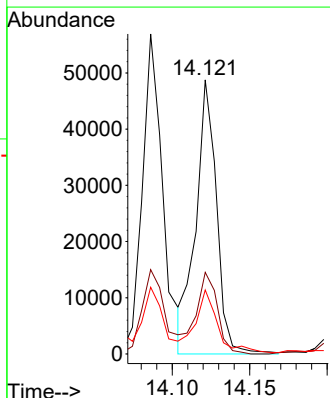
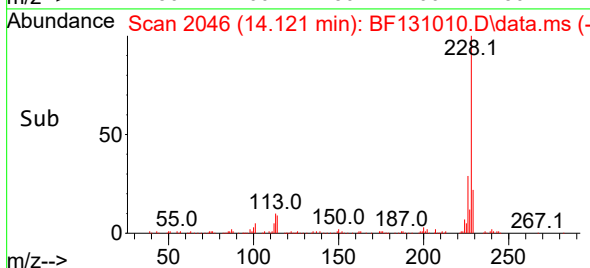
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

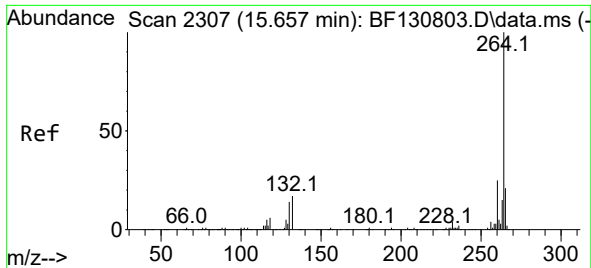


#83
Chrysene
Concen: 3.950 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46



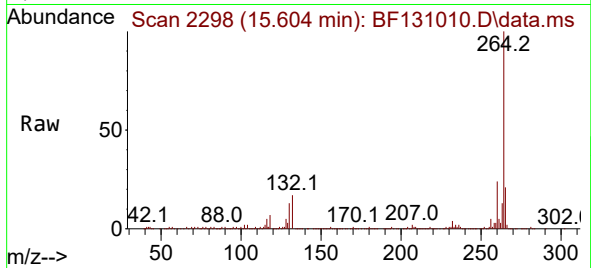
Tgt Ion:228 Resp: 45310
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 23.4 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

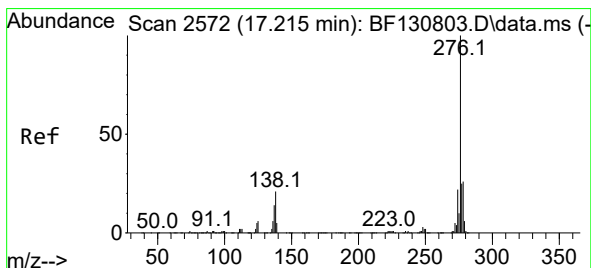
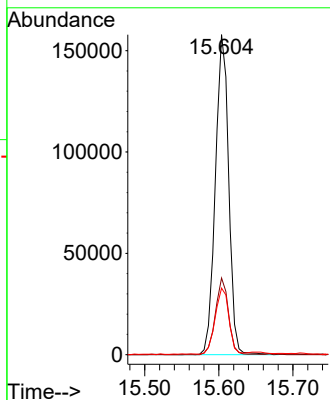
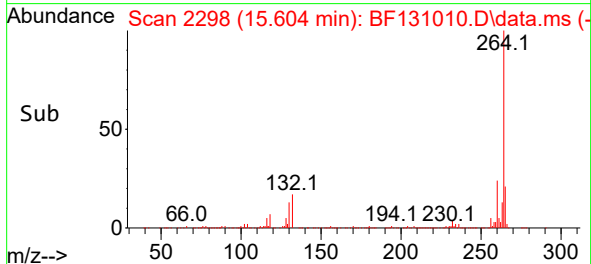
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)



Tgt Ion:264 Resp: 19720
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 20.8 17.0 25.6

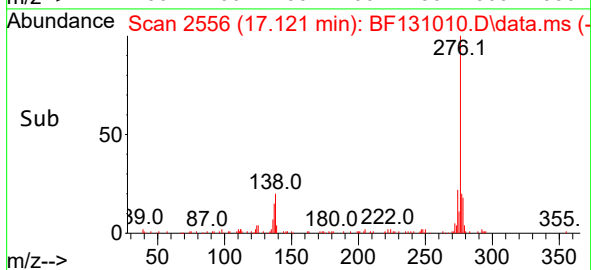
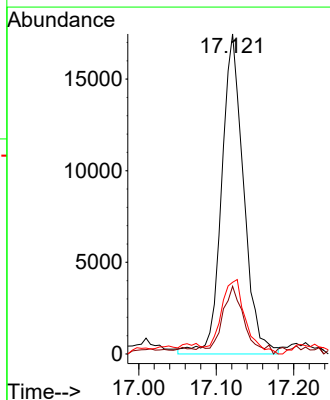
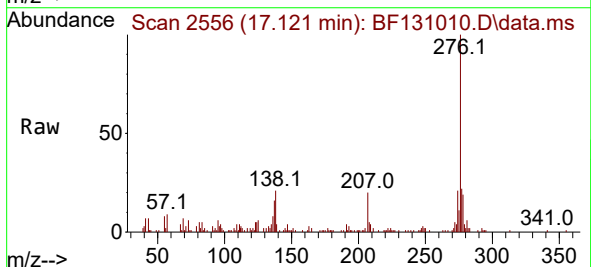
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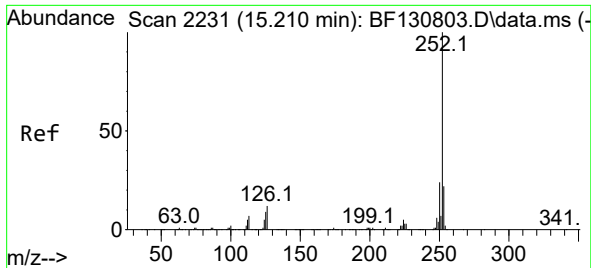
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.632 ng
RT: 17.121 min Scan# 2556
Delta R.T. -0.024 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

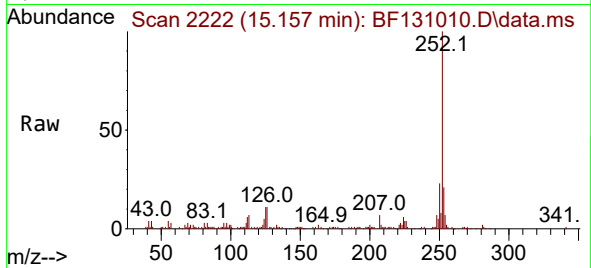
Tgt Ion:276 Resp: 34469
Ion Ratio Lower Upper
276 100
138 21.7 19.1 28.7
277 26.0 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 4.521 ng m
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

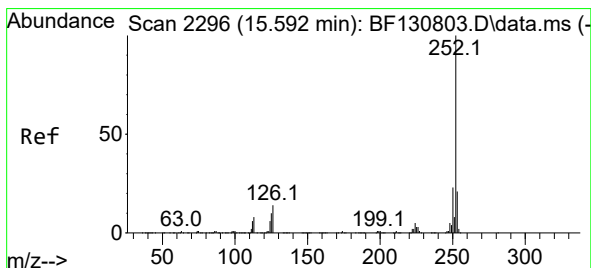
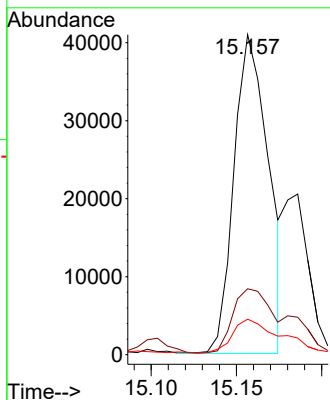
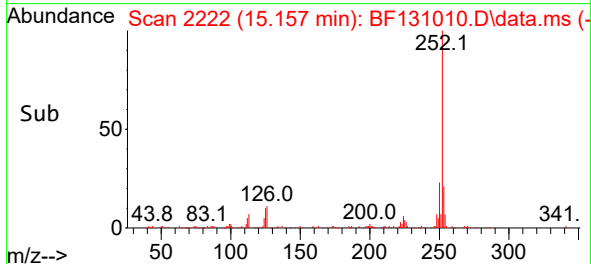
Instrument :
BNA_F
ClientSampleId :
WC-C(0-4)



Tgt Ion:252 Resp: 57629
Ion Ratio Lower Upper
252 100
253 20.6 17.5 26.3
125 11.1 7.0 10.4

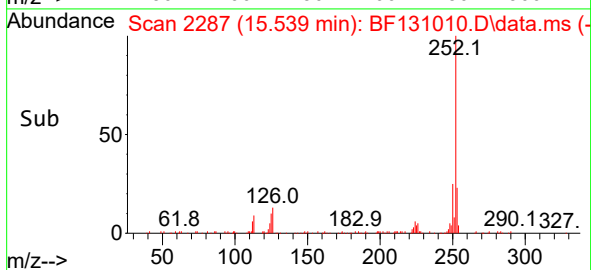
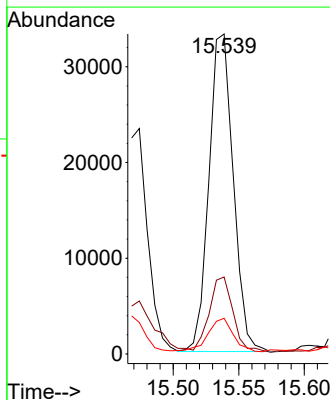
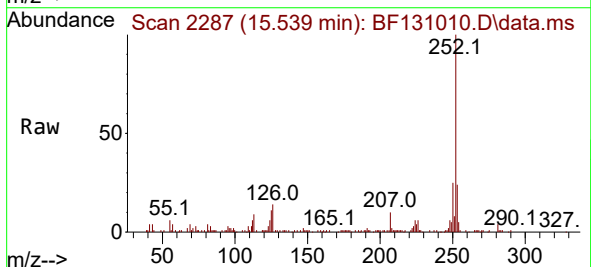
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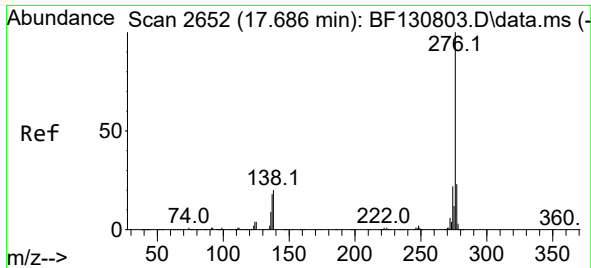
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#90
Benzo(a)pyrene
Concen: 4.181 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF131010.D
Acq: 05 Nov 2022 01:46

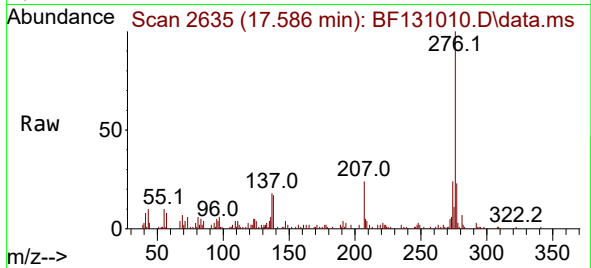
Tgt Ion:252 Resp: 42845
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 11.2 8.3 12.5





#92
 Benzo(g,h,i)perylene
 Concen: 3.019 ng
 RT: 17.586 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF131010.D
 Acq: 05 Nov 2022 01:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-C(0-4)



Tgt Ion:	276	Resp:	3287
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.8	28.2
138	17.3	16.3	24.5

Manual Integrations
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Reviewed By :Christian Giraldo 11/05/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

