

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130959.D
 Acq On : 03 Nov 2022 12:54
 Operator : CG\JU
 Sample : N5395-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8-103122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2022
 Supervised By : Sohil Jodhani 11/04/2022

Quant Time: Nov 03 14:11:52 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	60091	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	220242	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	100983	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	149780	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	125511	20.000	ng	-0.01
86) Perylene-d12	15.621	264	138233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	499846	144.204	ng	0.00
7) Phenol-d6	6.545	99	627813	139.379	ng	0.00
23) Nitrobenzene-d5	7.486	82	417306	114.252	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	122825	144.488	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	581145	87.007	ng	0.00
79) Terphenyl-d14	13.051	244	420042	61.326	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	12242	2.853	ng	86
71) Phenanthrene	11.480	178	18549	2.399	ng	96
75) Fluoranthene	12.674	202	37628	4.581	ng	97
78) Pyrene	12.904	202	33636	3.176	ng	99
81) Benzo(a)anthracene	14.098	228	20330m	2.443	ng	
83) Chrysene	14.133	228	20398	2.541	ng	100
88) Benzo(b)fluoranthene	15.168	252	27463m	3.073	ng	
90) Benzo(a)pyrene	15.551	252	20448	2.847	ng	# 88

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

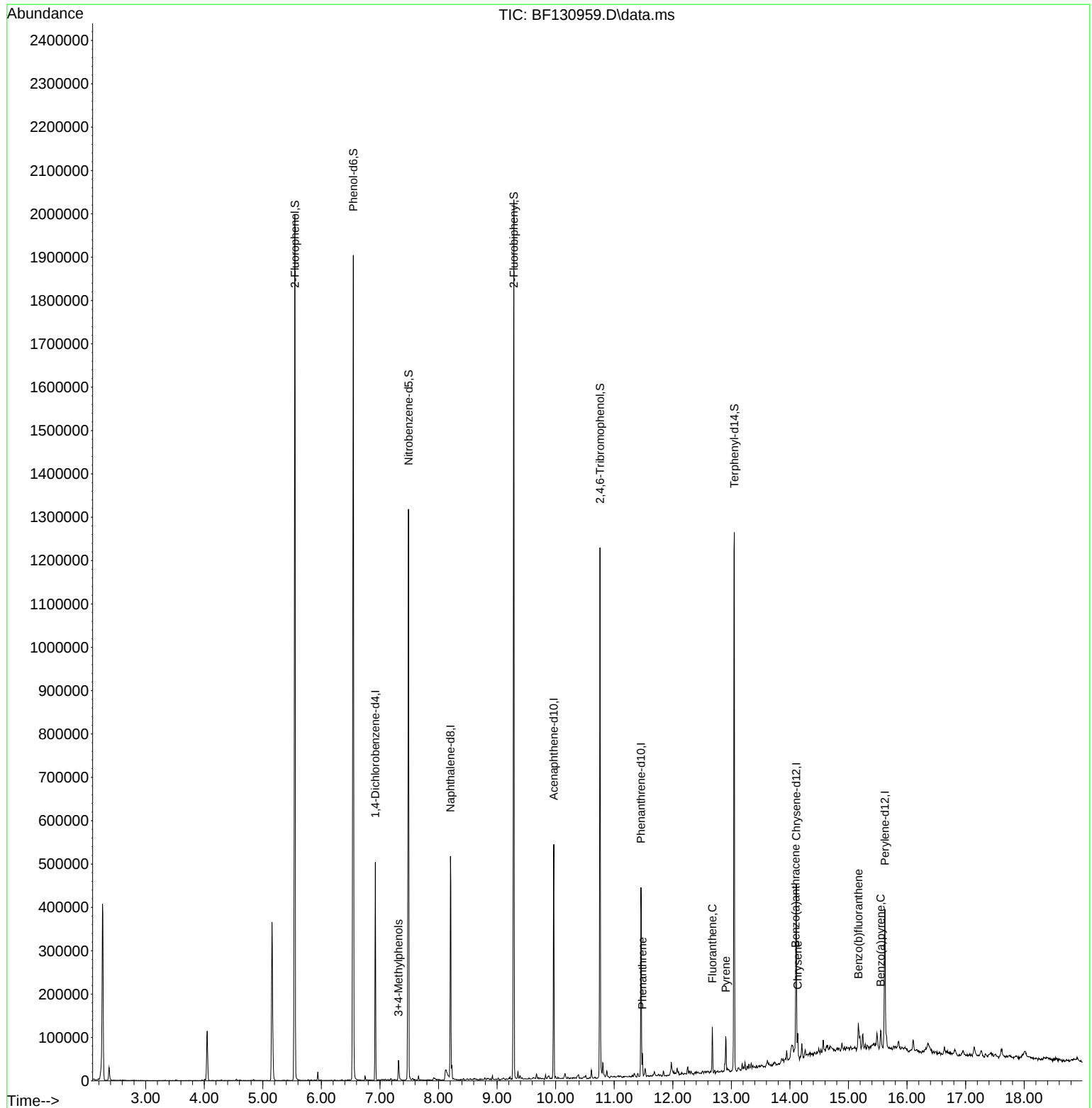
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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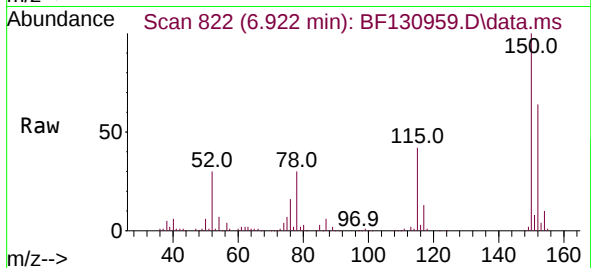
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

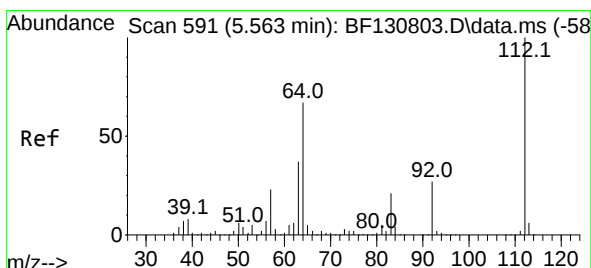
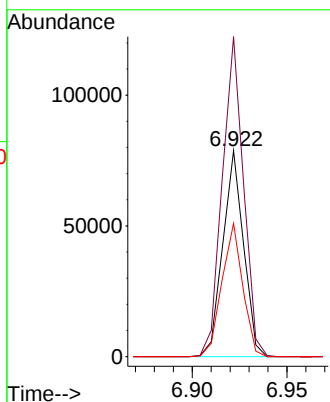
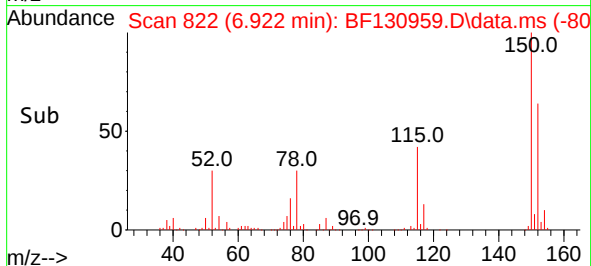
Instrument :
BNA_F
ClientSampleId :
S-8-103122



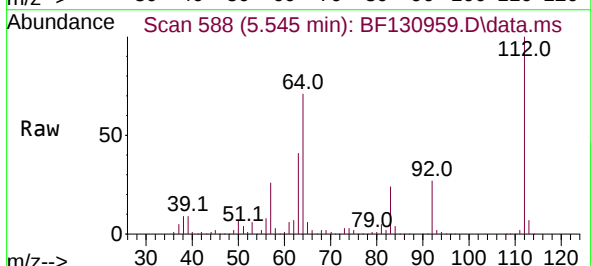
Tgt Ion:152 Resp: 60091
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 64.7 50.1 75.1

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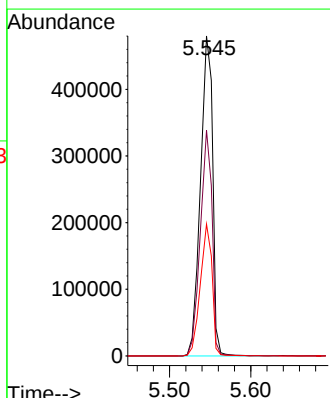
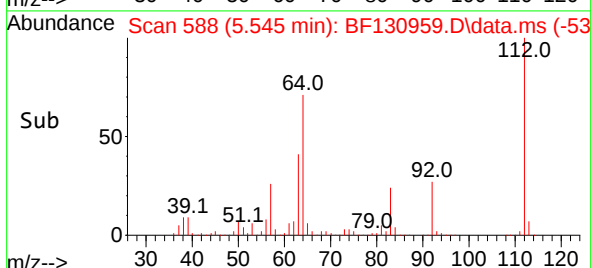
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#5
2-Fluorophenol
Concen: 144.204 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54



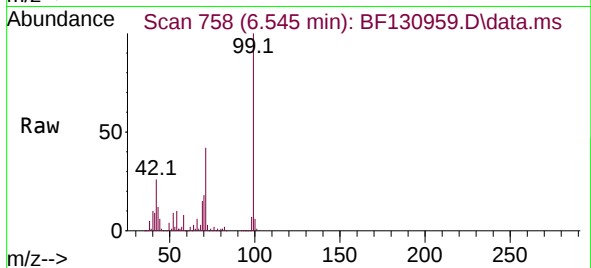
Tgt Ion:112 Resp: 499846
Ion Ratio Lower Upper
112 100
64 70.5 53.9 80.9
63 41.2 29.4 44.2





#7
Phenol-d6
Concen: 139.379 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

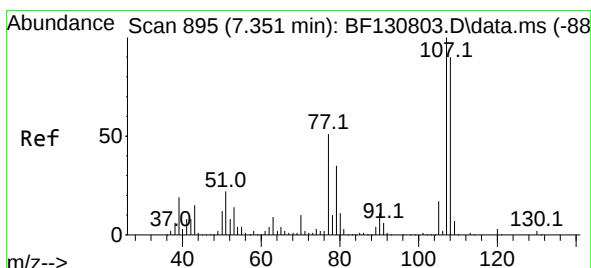
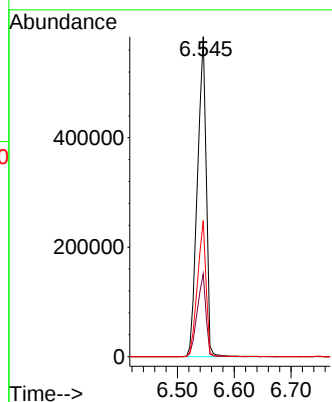
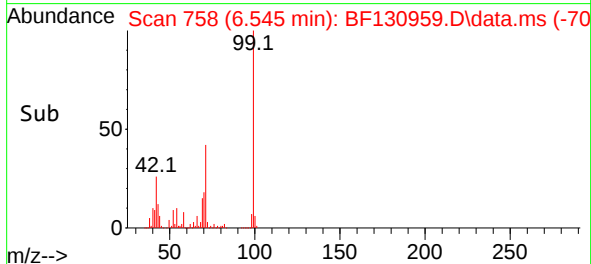
Instrument :
BNA_F
ClientSampleId :
S-8-103122



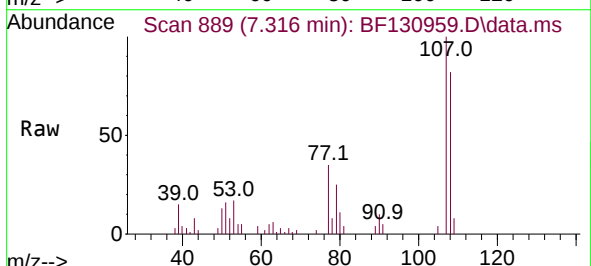
Tgt Ion: 99 Resp: 627813
Ion Ratio Lower Upper
99 100
42 25.9 18.8 28.2
71 42.5 31.4 47.0

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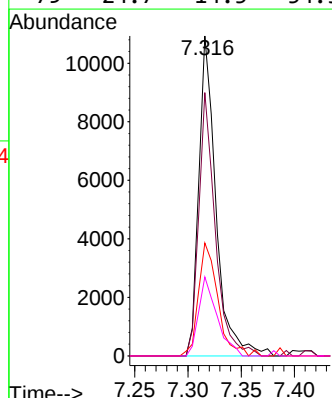
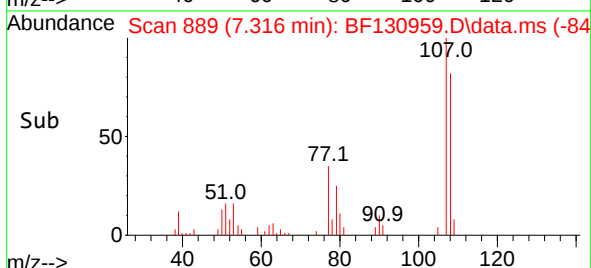
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

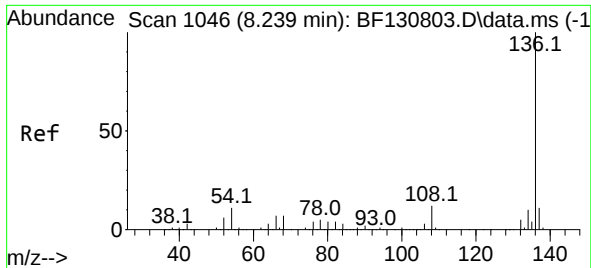


#20
3+4-Methylphenols
Concen: 2.853 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54



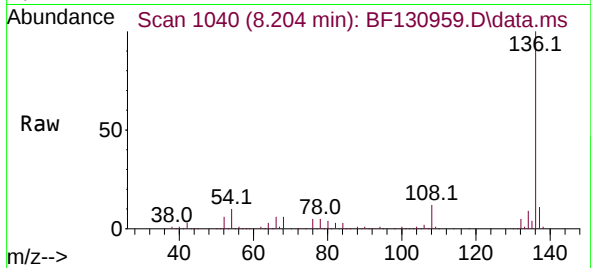
Tgt Ion:107 Resp: 12242
Ion Ratio Lower Upper
107 100
108 82.3 70.4 110.4
77 35.3 31.1 71.1
79 24.7 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

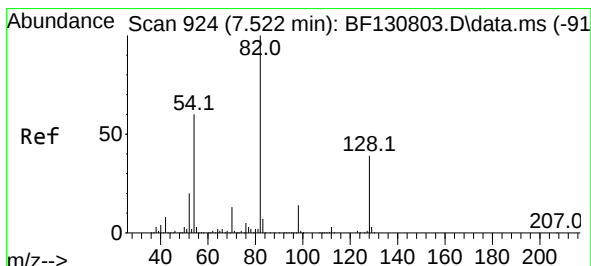
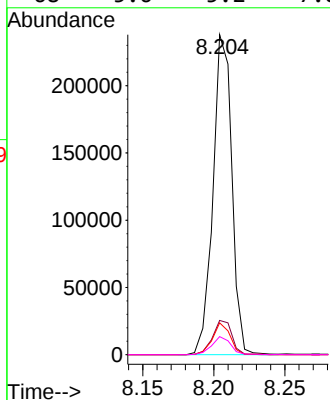
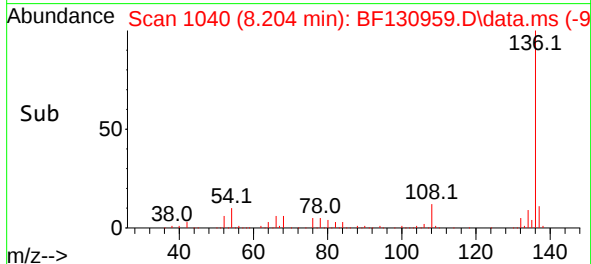
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:136 Resp: 220242
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.9 8.8 13.2
68 5.6 5.2 7.8

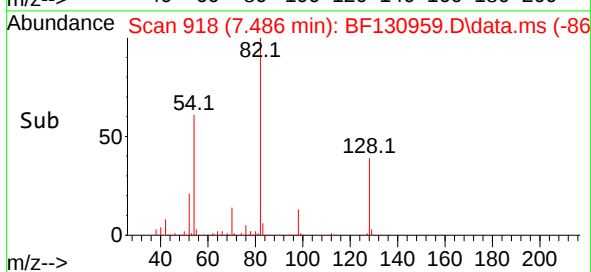
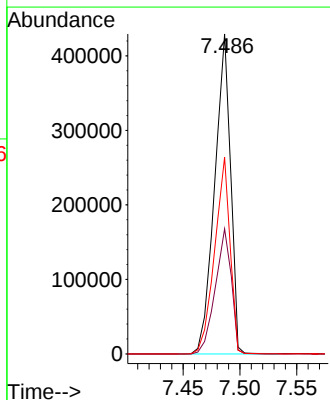
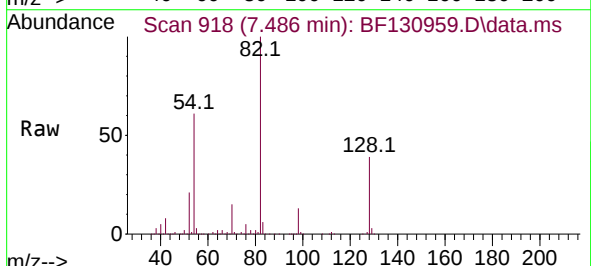
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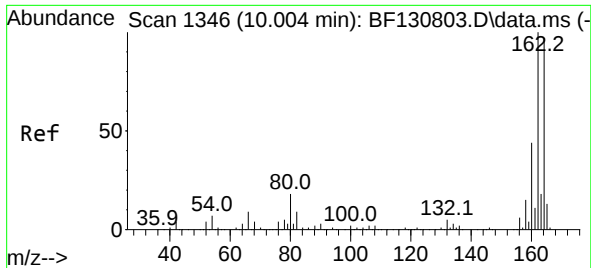
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#23
Nitrobenzene-d5
Concen: 114.252 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

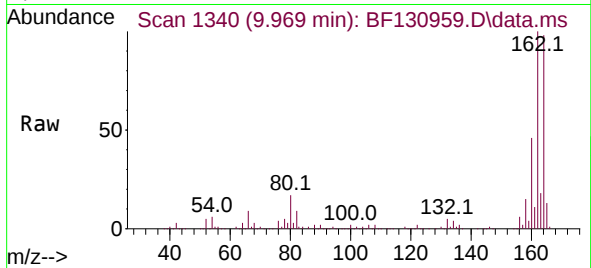
Tgt Ion: 82 Resp: 417306
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 61.5 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

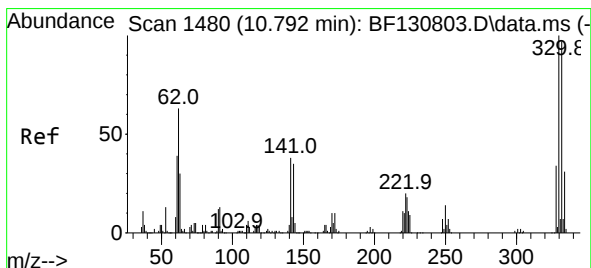
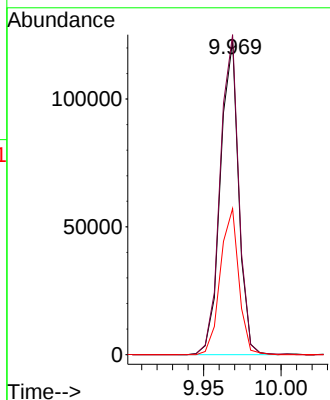
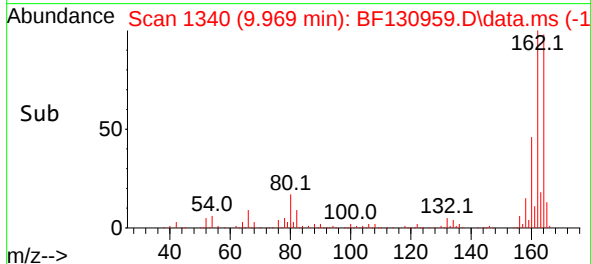
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S-8-103122



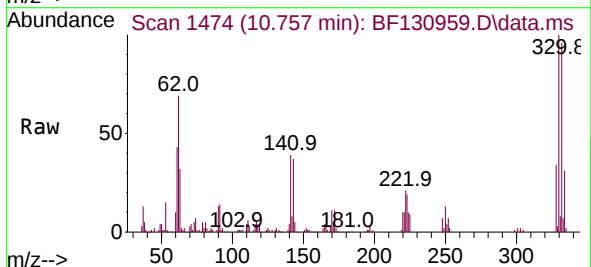
Tgt Ion:164 Resp: 100983
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 46.5 36.6 54.8

Manual Integrations
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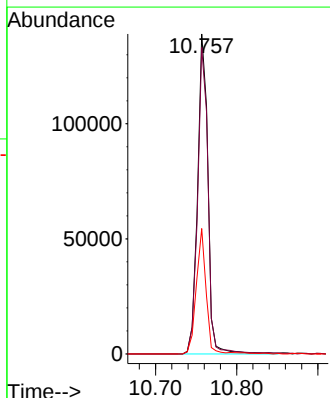
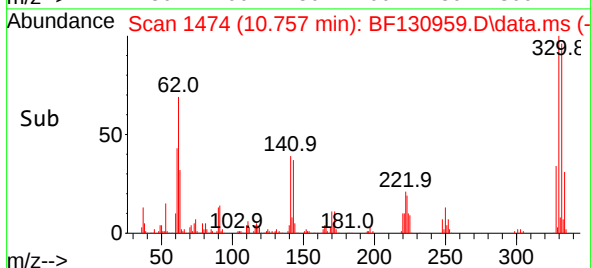
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

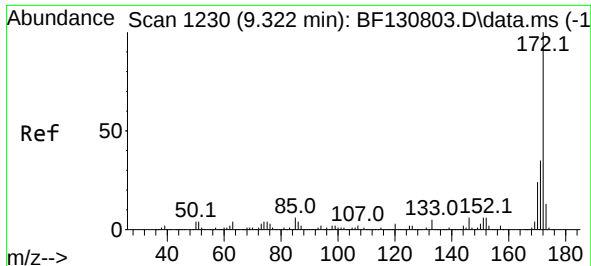


#42
2,4,6-Tribromophenol
Concen: 144.488 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54



Tgt Ion:330 Resp: 122825
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 37.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 87.007 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130959.D

Acq: 03 Nov 2022 12:54

Instrument :

BNA_F

ClientSampleId :

S-8-103122

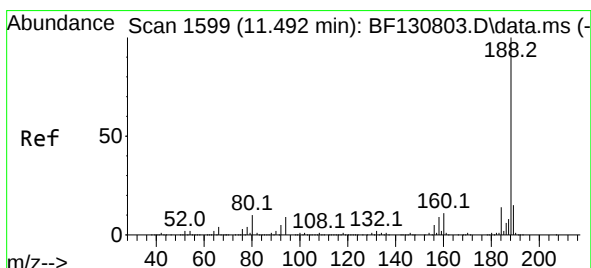
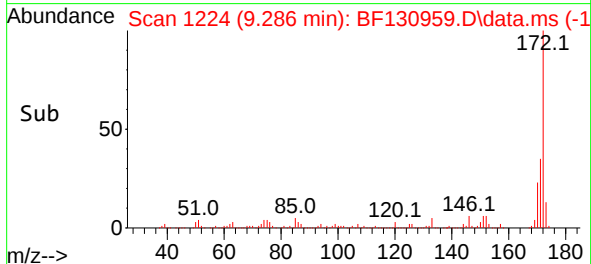
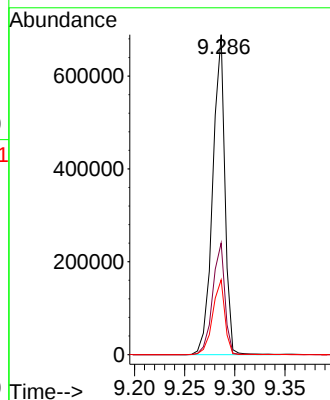
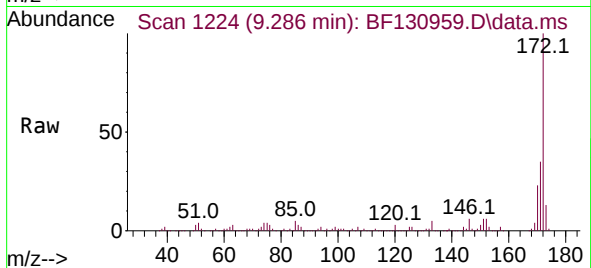
Tgt Ion:172 Resp: 581145
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.4 19.0 28.4

Manual Integrations

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Supervised By :Sohil Jodhani 11/04/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

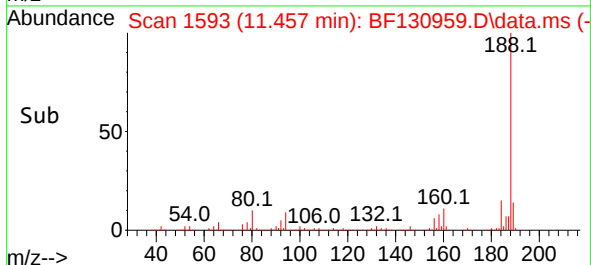
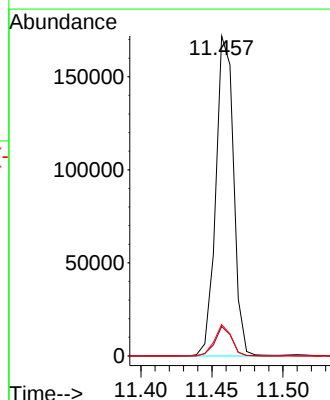
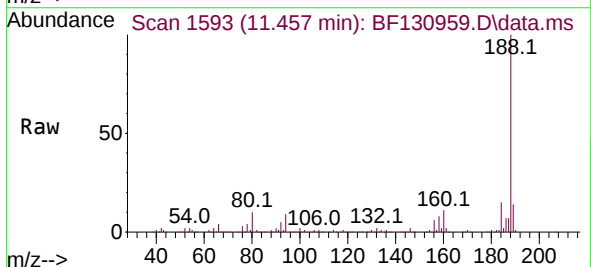
RT: 11.457 min Scan# 1593

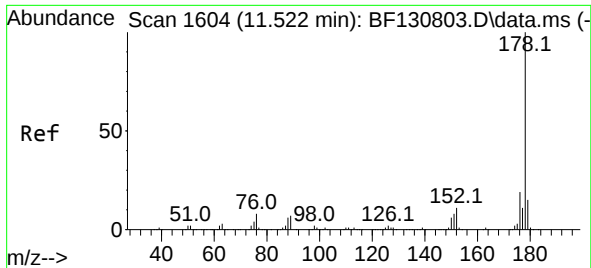
Delta R.T. -0.012 min

Lab File: BF130959.D

Acq: 03 Nov 2022 12:54

Tgt Ion:188 Resp: 149780
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.4 11.2
 80 9.8 8.0 12.0





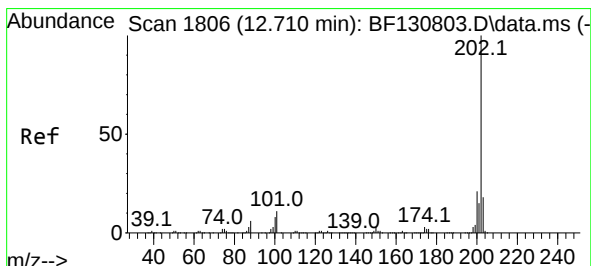
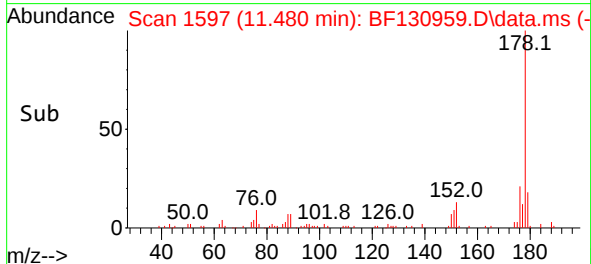
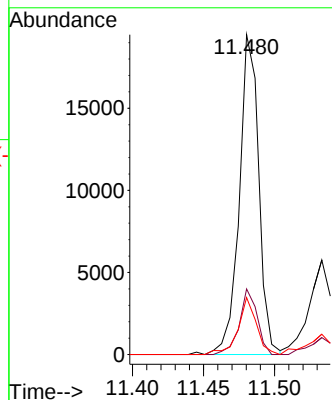
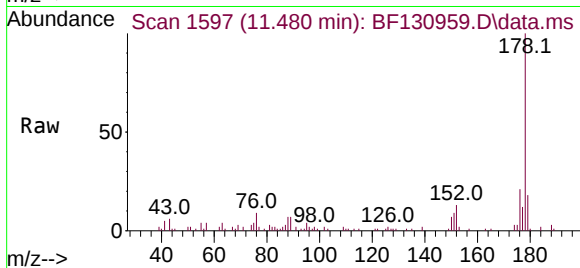
#71
Phenanthrene
Concen: 2.399 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Instrument :
BNA_F
ClientSampleId :
S-8-103122

Tgt Ion:178 Resp: 18549
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 17.8 12.2 18.2

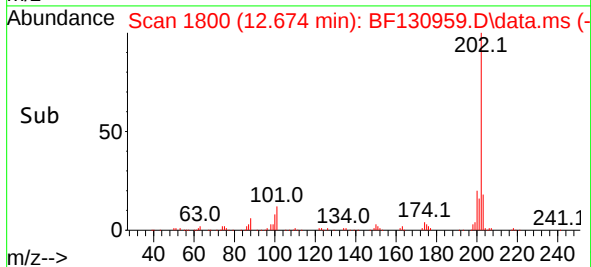
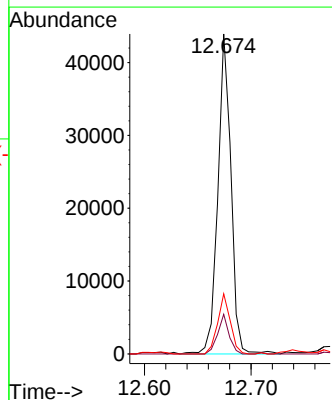
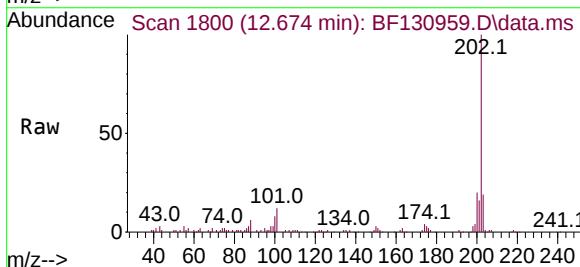
Manual Integrations
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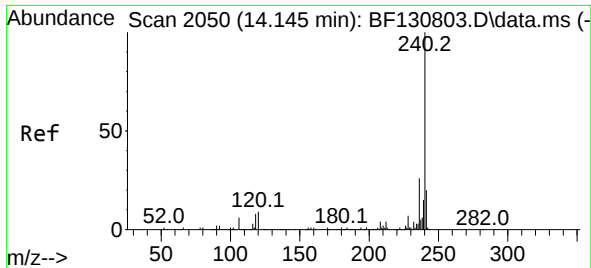
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#75
Fluoranthene
Concen: 4.581 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

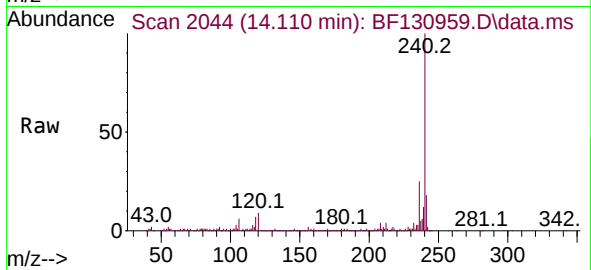
Tgt Ion:202 Resp: 37628
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.9
203 18.8 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

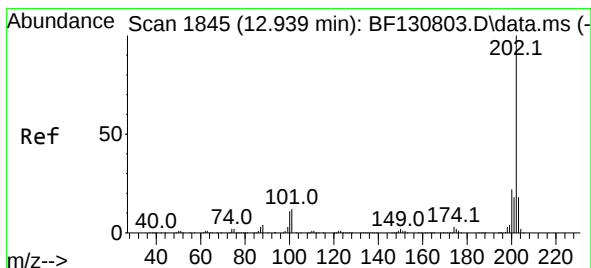
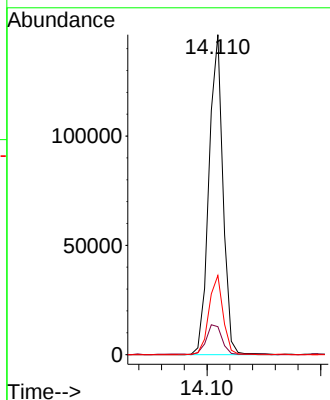
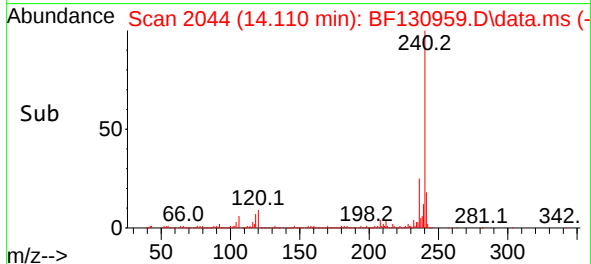
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:240 Resp: 12551
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 24.7 20.5 30.7

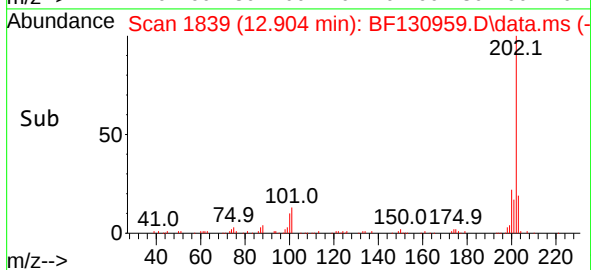
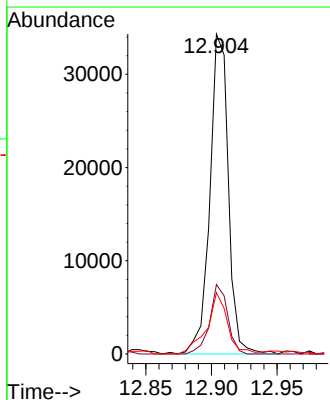
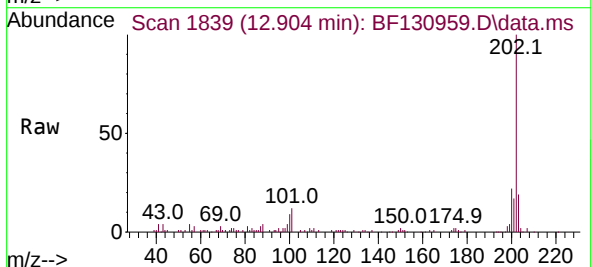
Manual Integrations
APPROVED

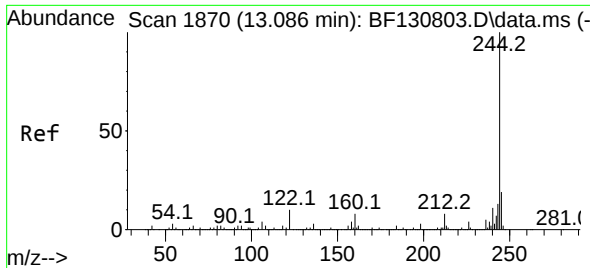
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#78
Pyrene
Concen: 3.176 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

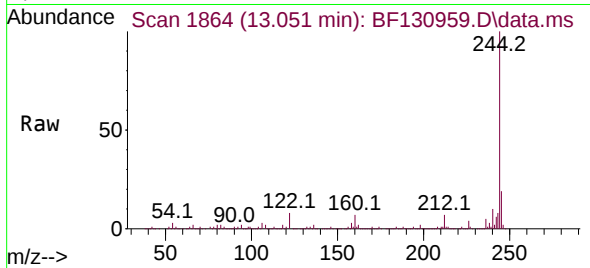
Tgt Ion:202 Resp: 33636
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 19.1 14.5 21.7





#79
 Terphenyl-d14
 Concen: 61.326 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130959.D
 Acq: 03 Nov 2022 12:54

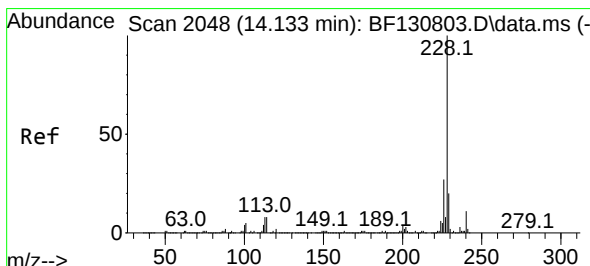
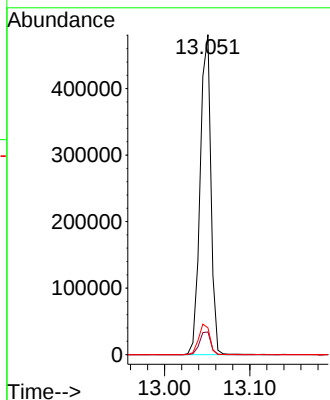
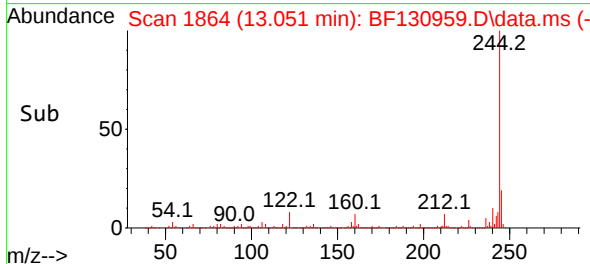
Instrument :
 BNA_F
 ClientSampleId :
 S-8-103122



Tgt Ion:244 Resp: 420042
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.4 7.9 11.9

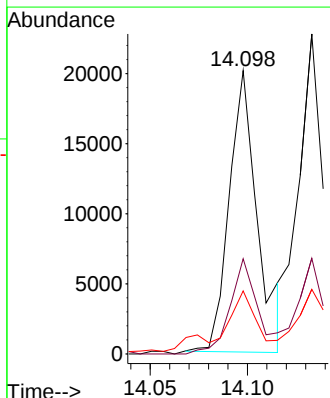
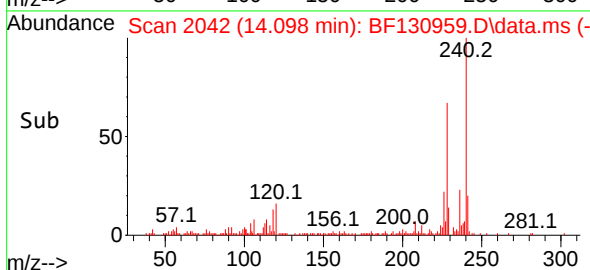
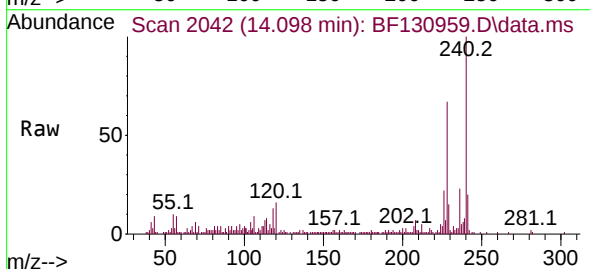
Manual Integrations
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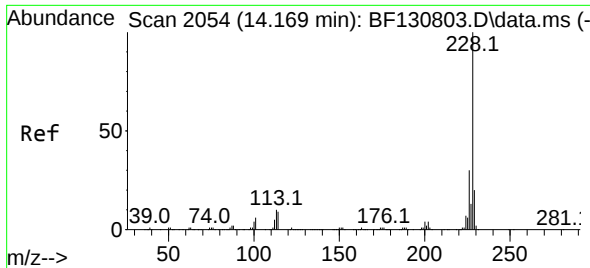
Reviewed By :Christian Giraldo 11/04/2022
 Supervised By :Sohil Jodhani 11/04/2022



#81
 Benzo(a)anthracene
 Concen: 2.443 ng m
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130959.D
 Acq: 03 Nov 2022 12:54

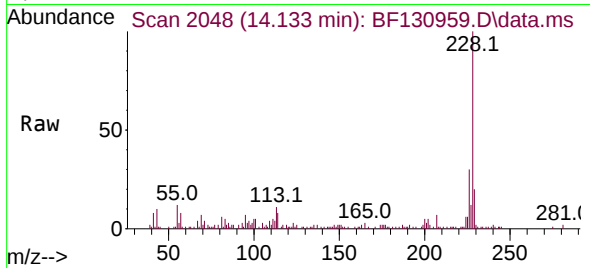
Tgt Ion:228 Resp: 20330
 Ion Ratio Lower Upper
 228 100
 226 33.6 21.4 32.2#
 229 22.2 15.8 23.6





#83
Chrysene
Concen: 2.541 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

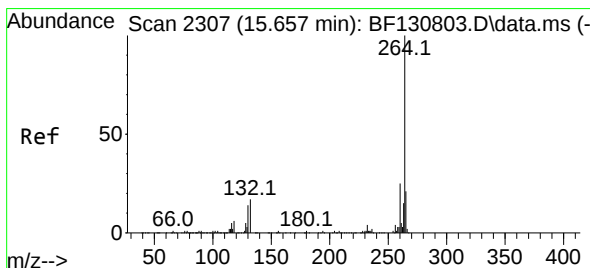
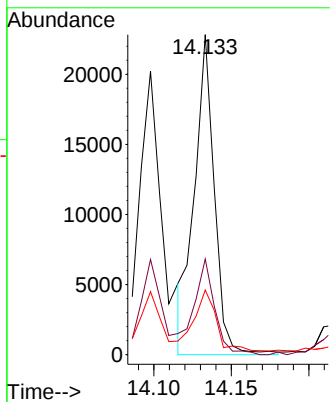
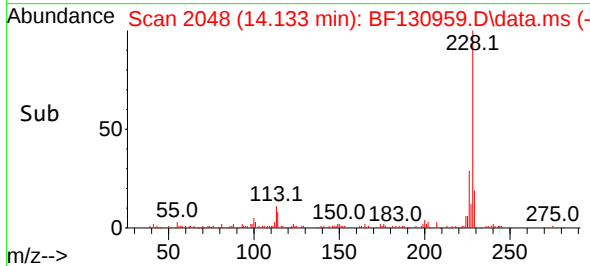
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:228 Resp: 20398
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 20.2 15.8 23.6

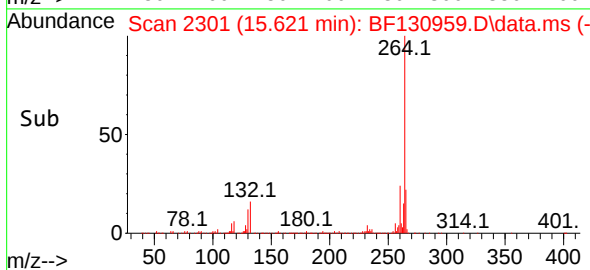
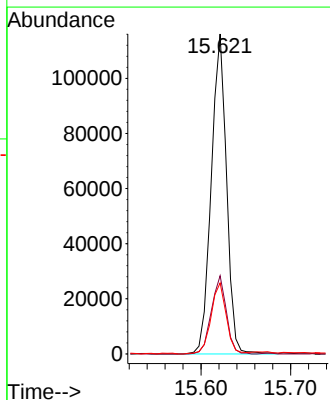
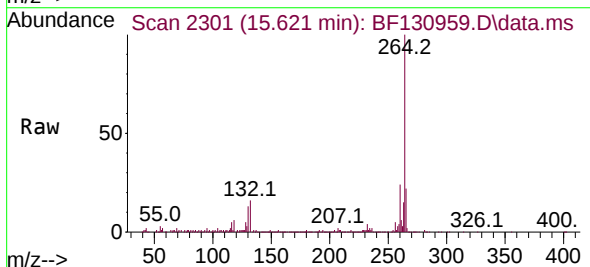
Manual Integrations
APPROVED

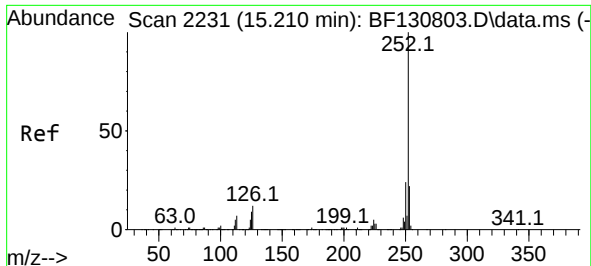
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

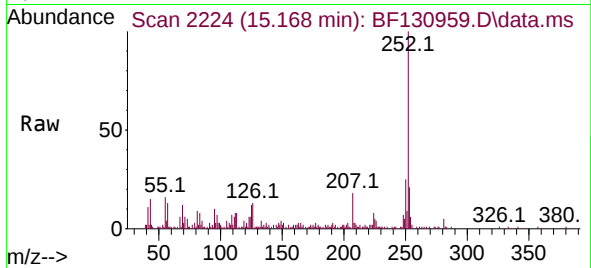
Tgt Ion:264 Resp: 138233
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 22.2 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 3.073 ng m
RT: 15.168 min Scan# 2231
Delta R.T. -0.012 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

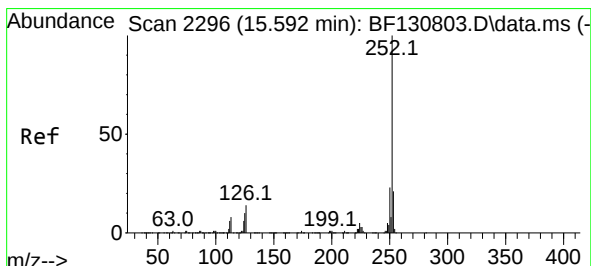
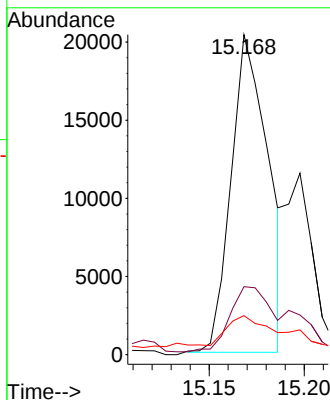
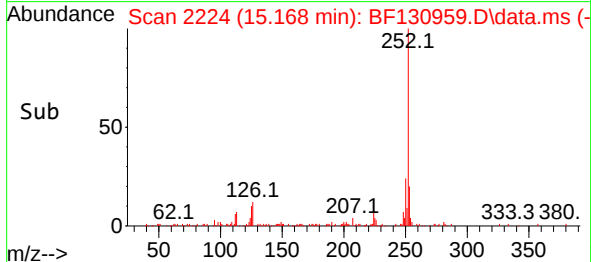
Instrument :
BNA_F
ClientSampleId :
S-8-103122



Tgt Ion:252 Resp: 27463
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 12.2 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#90
Benzo(a)pyrene
Concen: 2.847 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF130959.D
Acq: 03 Nov 2022 12:54

Tgt Ion:252 Resp: 20448
Ion Ratio Lower Upper
252 100
253 28.7 16.8 25.2#
125 11.9 8.3 12.5

