

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130974.D
 Acq On : 03 Nov 2022 23:03
 Operator : CG\JU
 Sample : N5396-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-I

Quant Time: Nov 04 06:24:04 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	64014	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	204321	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	101913	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	212717	20.000	ng	0.00
76) Chrysene-d12	14.104	240	213447	20.000	ng	0.00
86) Perylene-d12	15.616	264	140287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	330078	89.391	ng	0.00
7) Phenol-d6	6.534	99	380233	79.241	ng	0.00
23) Nitrobenzene-d5	7.481	82	238527	70.394	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	99408	115.873	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	400453	59.407	ng	0.00
79) Terphenyl-d14	13.045	244	552652	47.445	ng	0.00
Target Compounds						
75) Fluoranthene	12.675	202	37501	3.215	ng	Qvalue 95
78) Pyrene	12.904	202	36202	2.010	ng	98
83) Chrysene	14.127	228	27978	2.050	ng	95
88) Benzo(b)fluoranthene	15.163	252	29491m	3.252	ng	
90) Benzo(a)pyrene	15.545	252	16705	2.291	ng	# 84

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

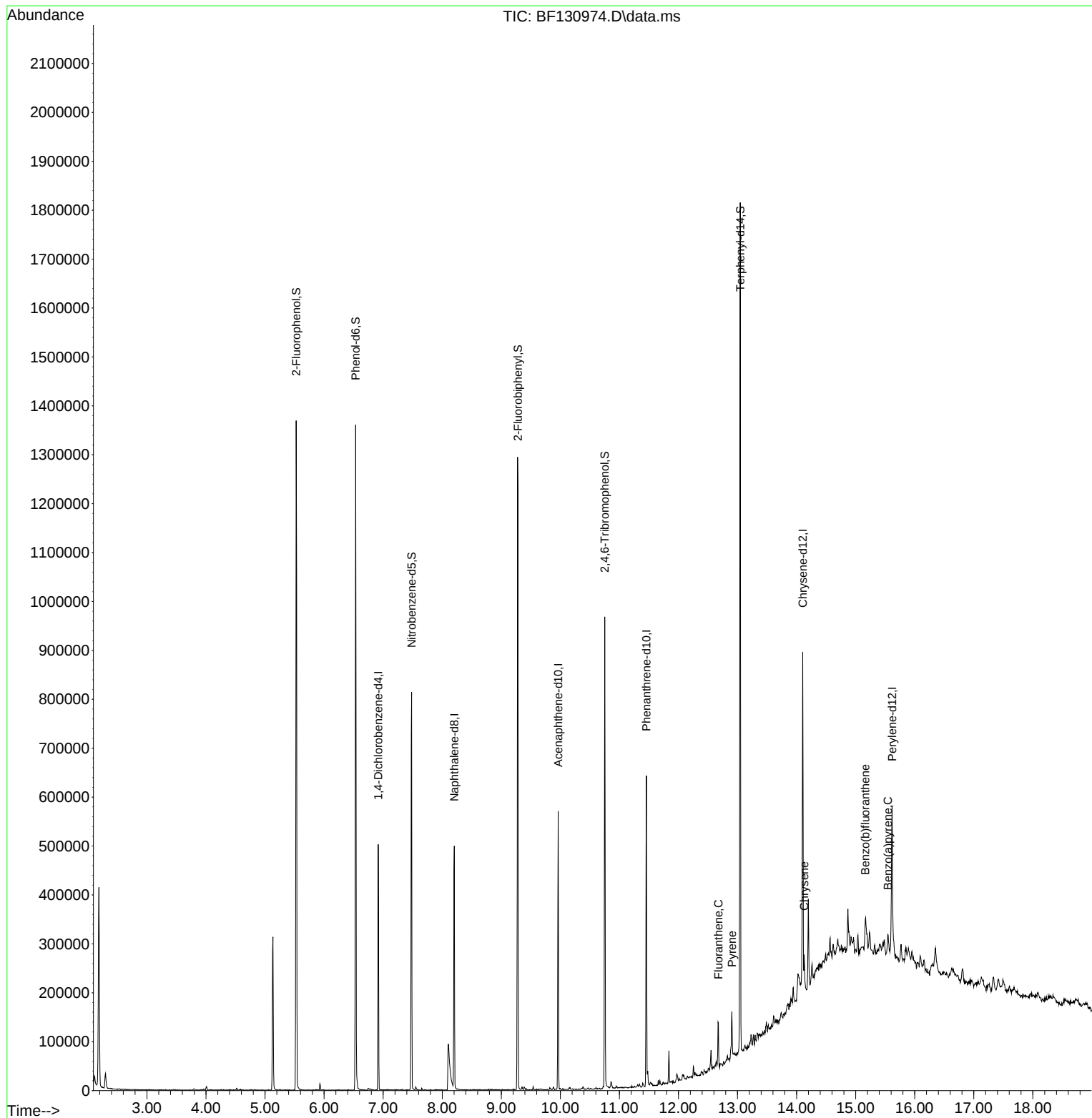
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130974.D
Acq On : 03 Nov 2022 23:03
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Sample : N5396-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

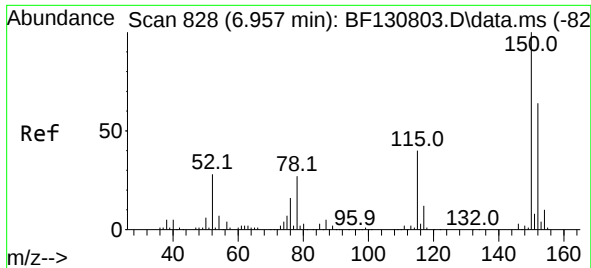
Instrument :
BNA_F
ClientSampleId :
TP-I

Quant Time: Nov 04 06:24:04 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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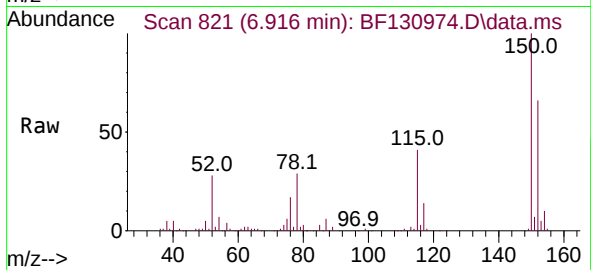
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

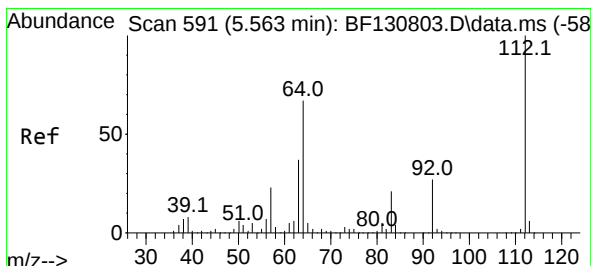
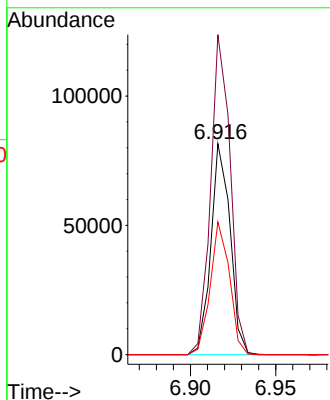
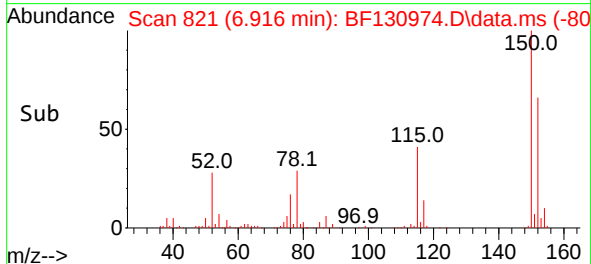
Instrument :
BNA_F
ClientSampleId :
TP-I



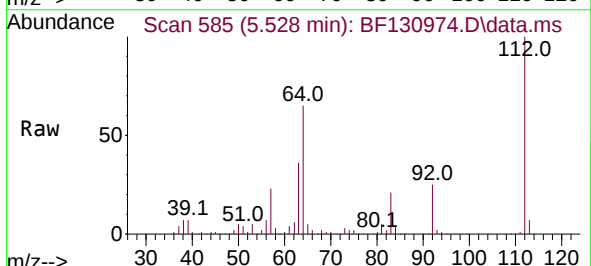
Tgt Ion:152 Resp: 64014
Ion Ratio Lower Upper
152 100
150 151.7 124.1 186.1
115 62.9 50.1 75.1

Manual Integrations
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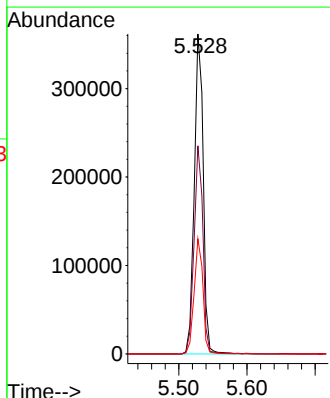
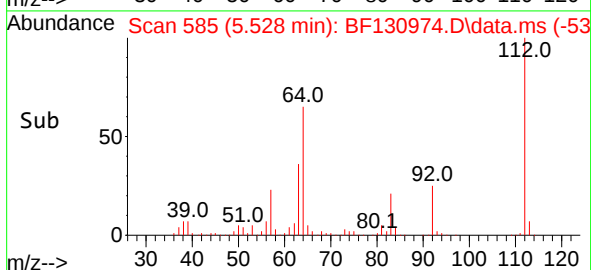
Reviewed By :Christian Giraldo 11/04/2022
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#5
2-Fluorophenol
Concen: 89.391 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03



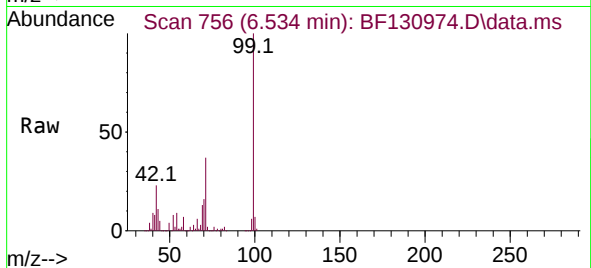
Tgt Ion:112 Resp: 330078
Ion Ratio Lower Upper
112 100
64 65.0 53.9 80.9
63 36.0 29.4 44.2





#7
Phenol-d6
Concen: 79.241 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

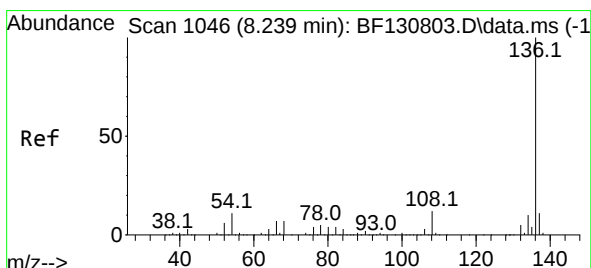
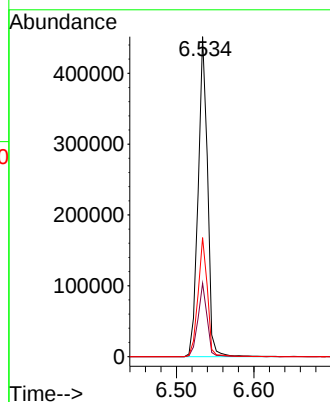
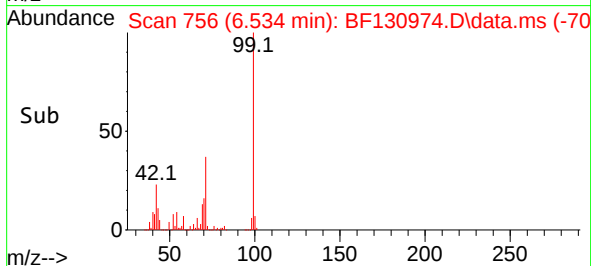
Instrument :
BNA_F
ClientSampleId :
TP-I



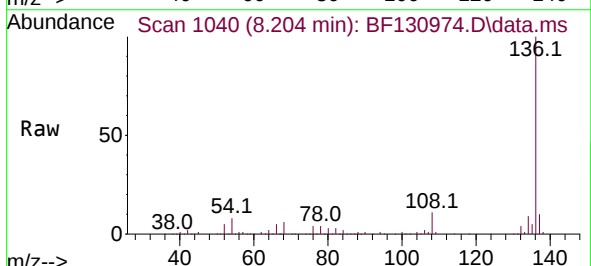
Tgt Ion: 99 Resp: 380233
Ion Ratio Lower Upper
99 100
42 22.9 18.8 28.2
71 37.2 31.4 47.0

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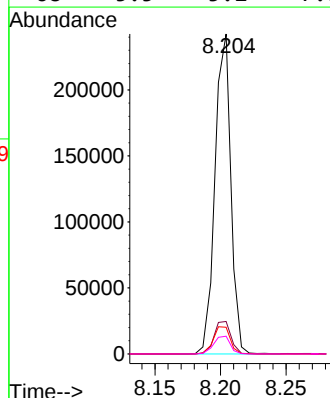
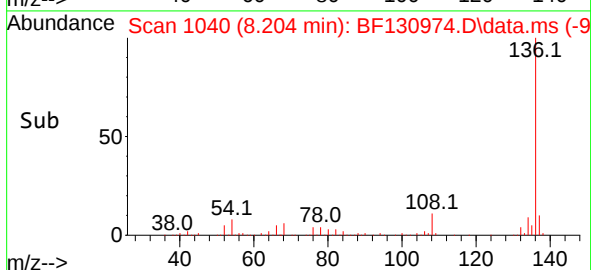
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03



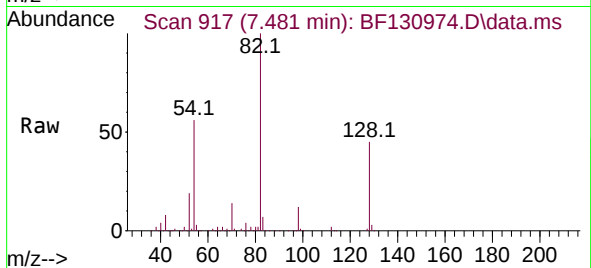
Tgt Ion:136 Resp: 204321
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 8.3 8.8 13.2#
68 5.5 5.2 7.8





#23
Nitrobenzene-d5
Concen: 70.394 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

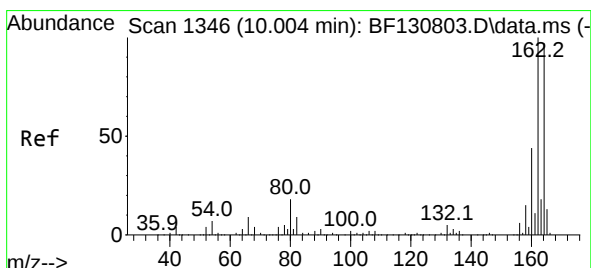
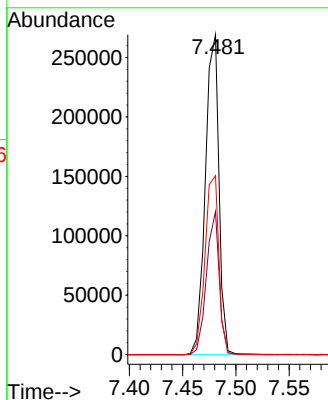
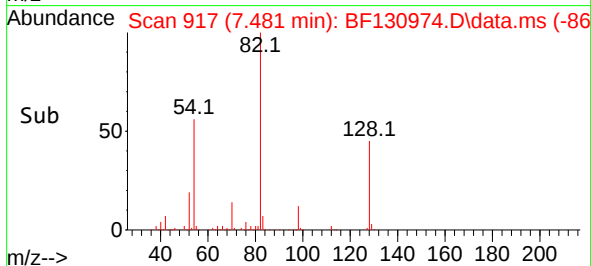
Instrument :
BNA_F
ClientSampleId :
TP-I



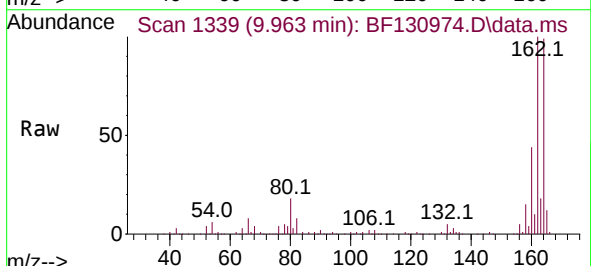
Tgt Ion: 82 Resp: 238527
Ion Ratio Lower Upper
82 100
128 44.7 31.2 46.8
54 55.9 48.0 72.0

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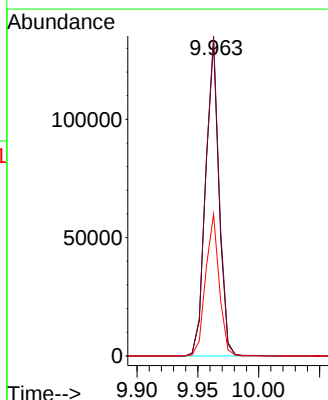
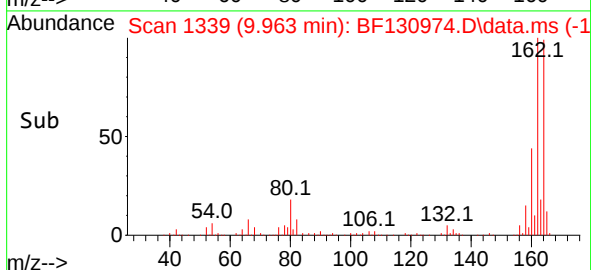
Reviewed By :Christian Giraldo 11/04/2022
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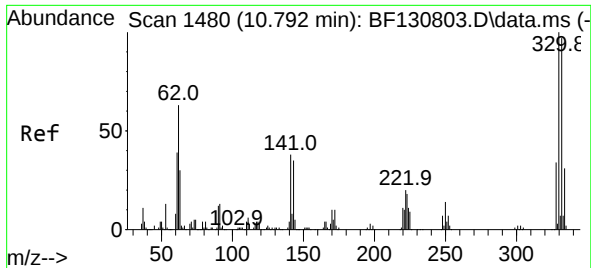


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03



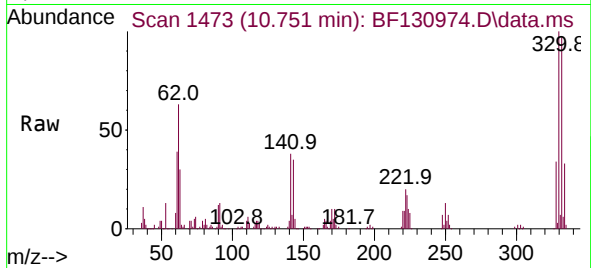
Tgt Ion:164 Resp: 101913
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 45.0 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 115.873 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

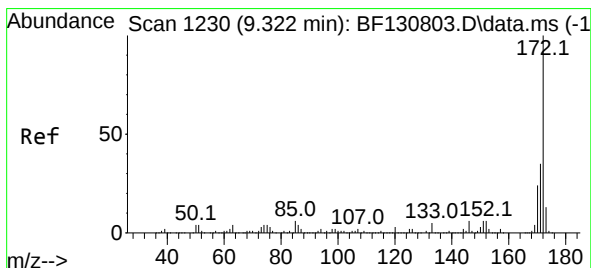
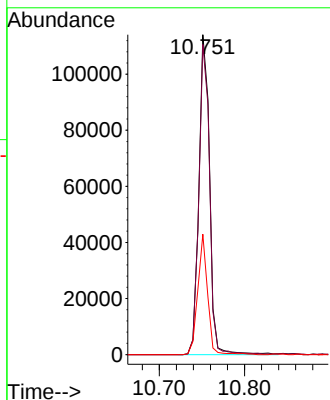
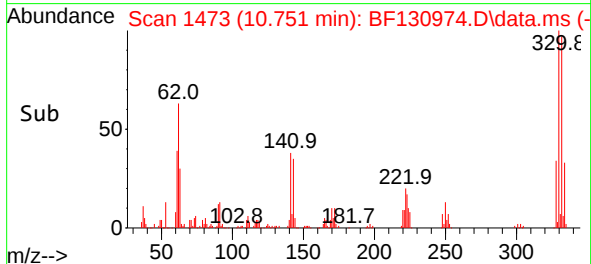
Instrument :
BNA_F
ClientSampleId :
TP-I



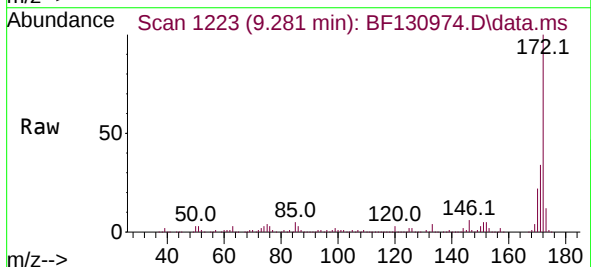
Tgt Ion: 330 Resp: 99408
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 34.5 31.4 47.0

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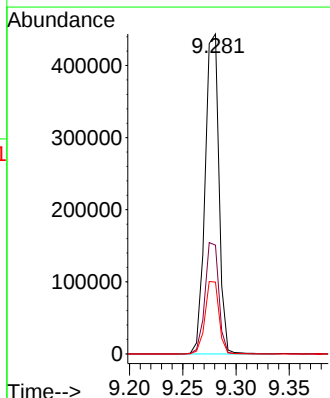
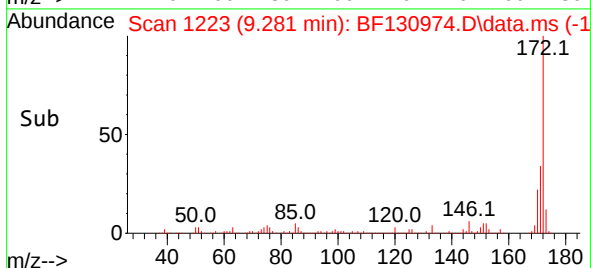
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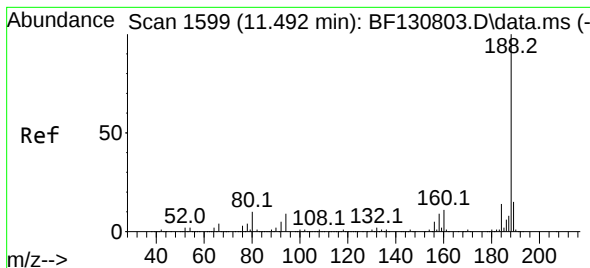


#45
2-Fluorobiphenyl
Concen: 59.407 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03



Tgt Ion: 172 Resp: 400453
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 22.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

Instrument :

BNA_F

ClientSampleId :

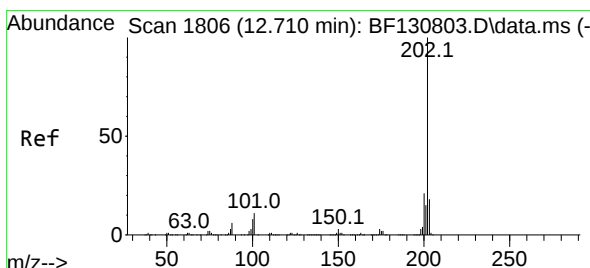
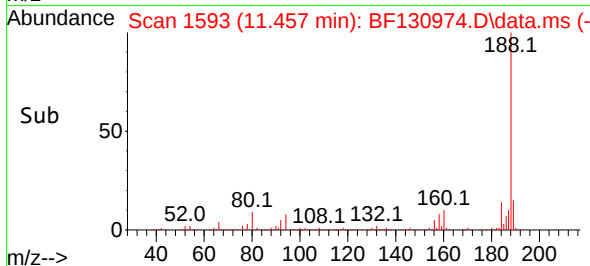
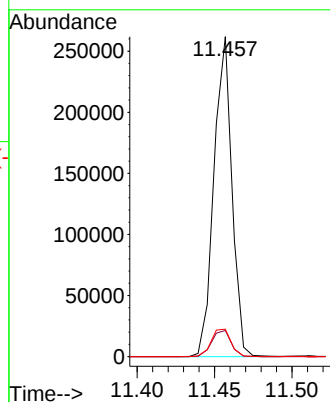
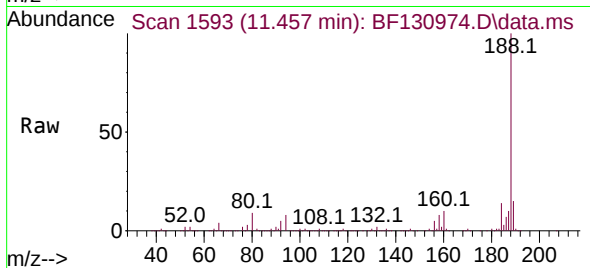
TP-I

Tgt Ion:188 Resp: 21271
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.4 11.2
 80 8.6 8.0 12.0

Manual Integrations

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#75

Fluoranthene

Concen: 3.215 ng

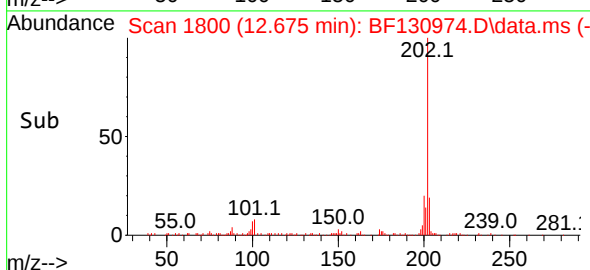
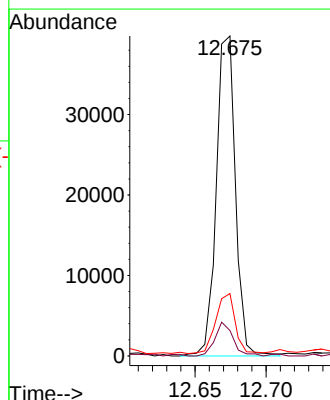
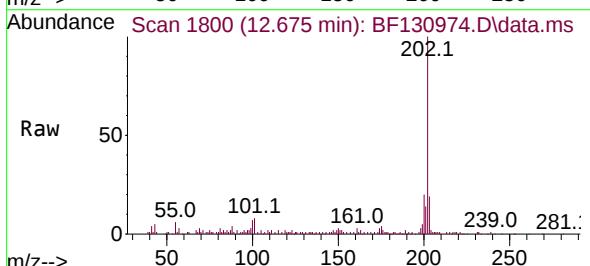
RT: 12.675 min Scan# 1800

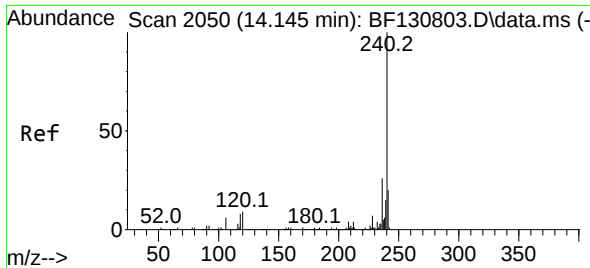
Delta R.T. 0.000 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

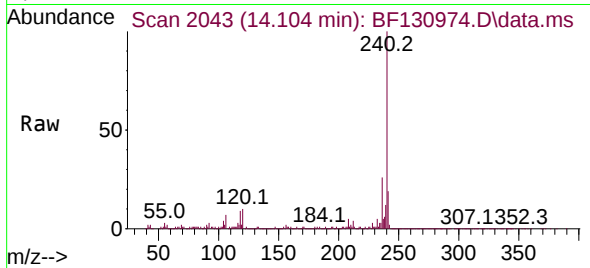
Tgt Ion:202 Resp: 37501
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 30.9
 203 19.5 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

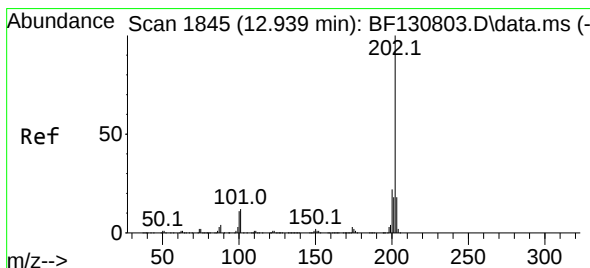
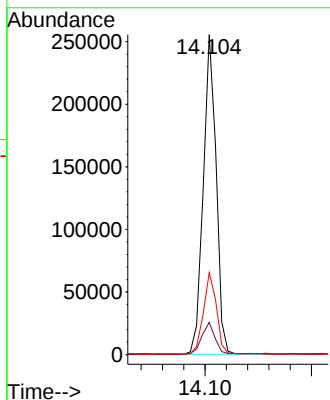
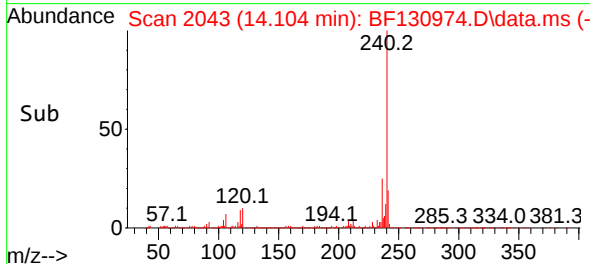
Instrument :
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TP-I



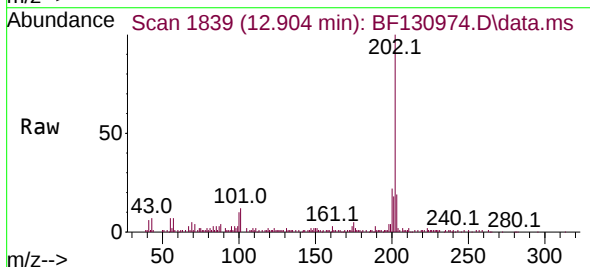
Tgt Ion:240 Resp: 21344
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.6 20.5 30.7

Manual Integrations
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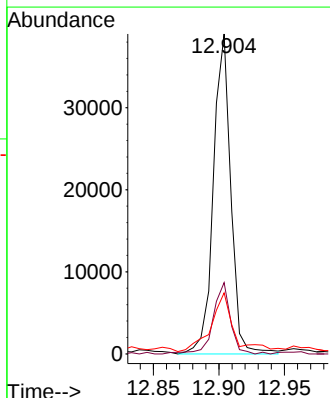
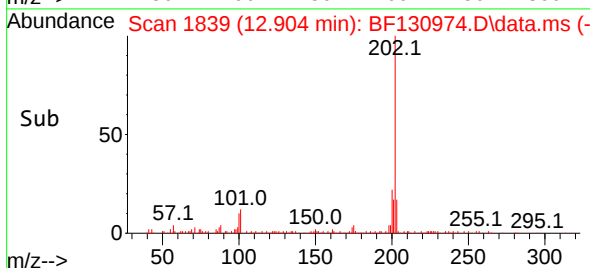
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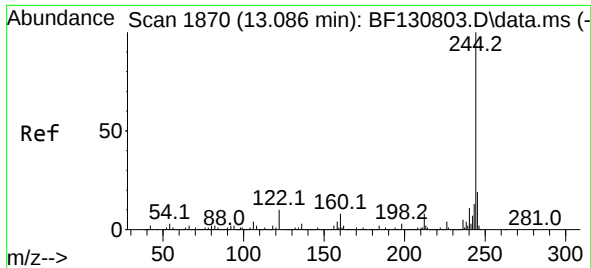


#78
Pyrene
Concen: 2.010 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03



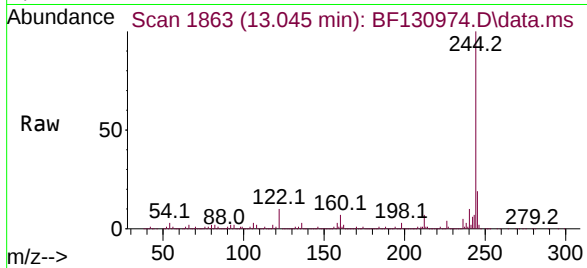
Tgt Ion:202 Resp: 36202
Ion Ratio Lower Upper
202 100
200 22.3 17.2 25.8
203 19.1 14.5 21.7





#79
 Terphenyl-d14
 Concen: 47.445 ng
 RT: 13.045 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130974.D
 Acq: 03 Nov 2022 23:03

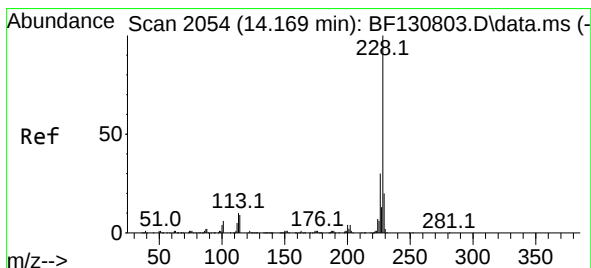
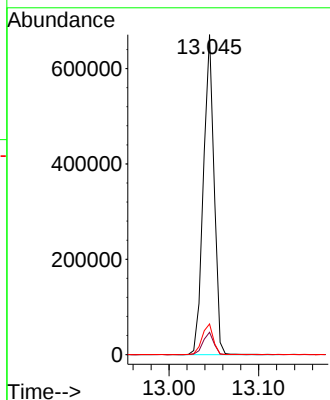
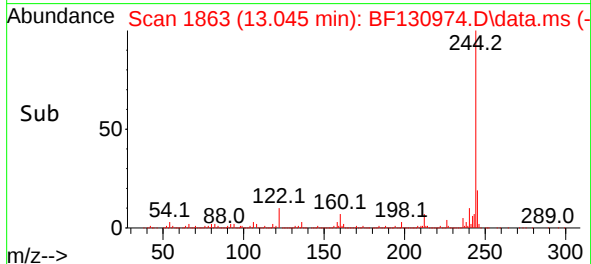
Instrument :
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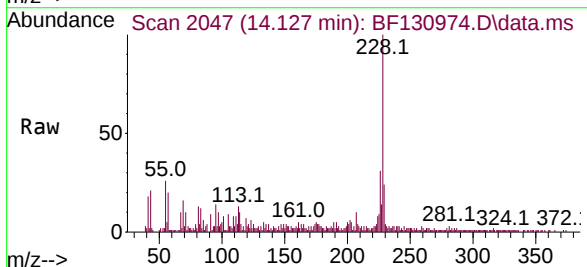
Tgt Ion:244 Resp: 552652
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.6 7.9 11.9

Manual Integrations
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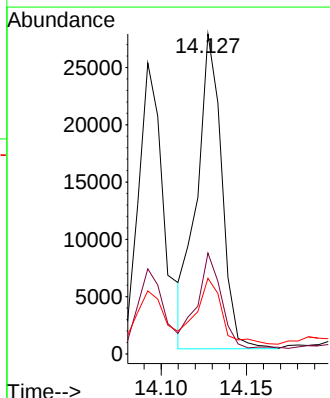
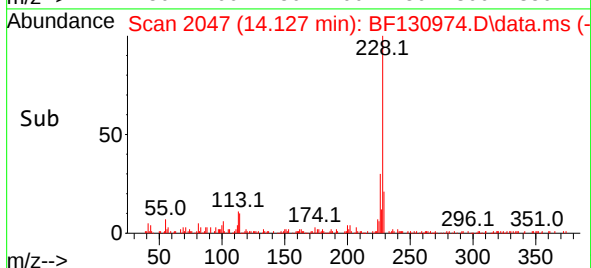
Reviewed By :Christian Giraldo 11/04/2022
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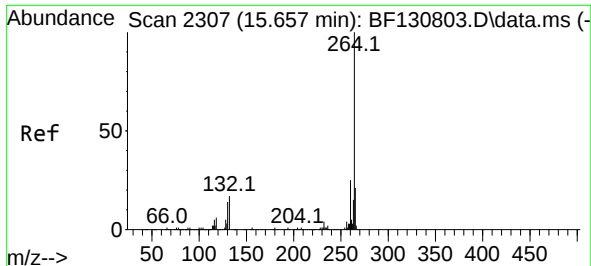


#83
 Chrysene
 Concen: 2.050 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. -0.006 min
 Lab File: BF130974.D
 Acq: 03 Nov 2022 23:03



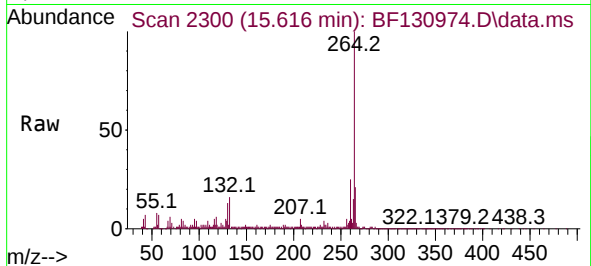
Tgt Ion:228 Resp: 27978
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.9 35.9
 229 23.6 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.616 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

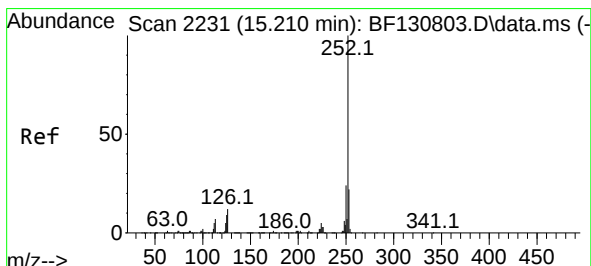
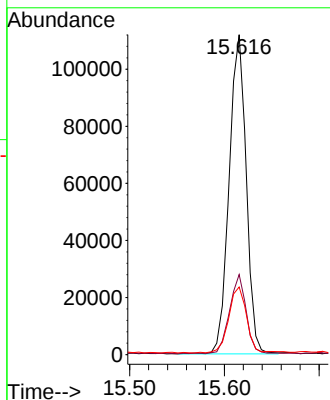
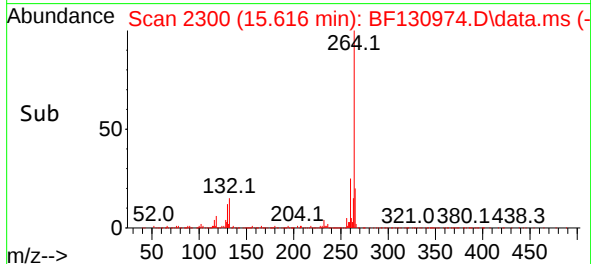
Instrument :
BNA_F
ClientSampleId :
TP-I



Tgt Ion:264 Resp: 140287
Ion Ratio Lower Upper
264 100
260 25.0 19.9 29.9
265 21.1 17.0 25.6

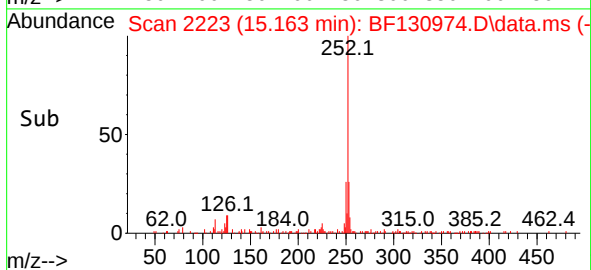
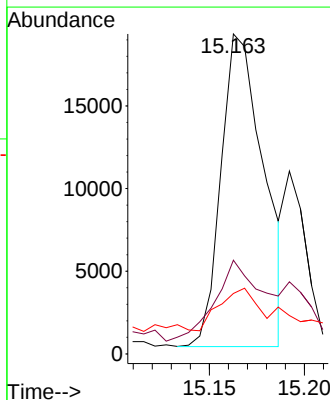
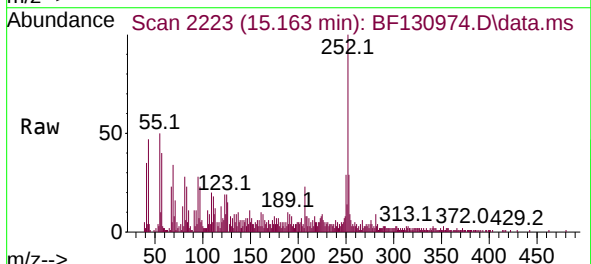
Manual Integrations
APPROVED

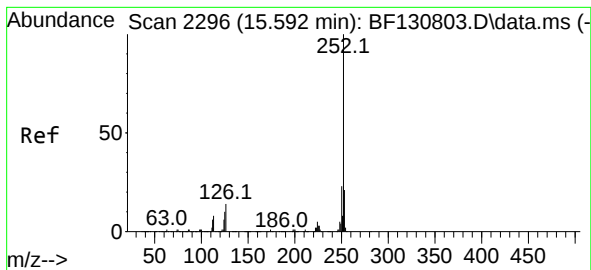
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#88
Benzo(b)fluoranthene
Concen: 3.252 ng m
RT: 15.163 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

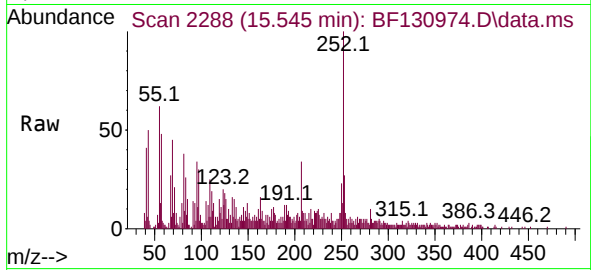
Tgt Ion:252 Resp: 29491
Ion Ratio Lower Upper
252 100
253 29.3 17.5 26.3#
125 18.9 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 2.291 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Instrument :
BNA_F
ClientSampleId :
TP-I



Tgt Ion:252 Resp: 16705
Ion Ratio Lower Upper
252 100
253 27.1 16.8 25.2
125 18.2 8.3 12.5

Manual Integrations
APPROVED

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

