

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130977.D
 Acq On : 04 Nov 2022 00:37
 Operator : CG\JU
 Sample : N5418-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-L

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 06:25:11 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	6.916	152	65989	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	220493	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	113861	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	236803	20.000	ng	0.00
76) Chrysene-d12	14.110	240	196989	20.000	ng	0.00
86) Perylene-d12	15.621	264	125147	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	372440	97.845	ng	0.00
7) Phenol-d6	6.534	99	427972	86.521	ng	0.00
23) Nitrobenzene-d5	7.481	82	268332	73.382	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	122145	127.436	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	461594	61.292	ng	0.00
79) Terphenyl-d14	13.051	244	642506	59.768	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.674	202	71381	5.497	ng	98
78) Pyrene	12.904	202	65852	3.962	ng	97
81) Benzo(a)anthracene	14.098	228	29293	2.243	ng	# 88
83) Chrysene	14.133	228	40418	3.208	ng	# 94
88) Benzo(b)fluoranthene	15.168	252	30575m	3.779	ng	
90) Benzo(a)pyrene	15.551	252	18082	2.780	ng	# 70
92) Benzo(g,h,i)perylene	17.621	276	14382	2.081	ng	# 84

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

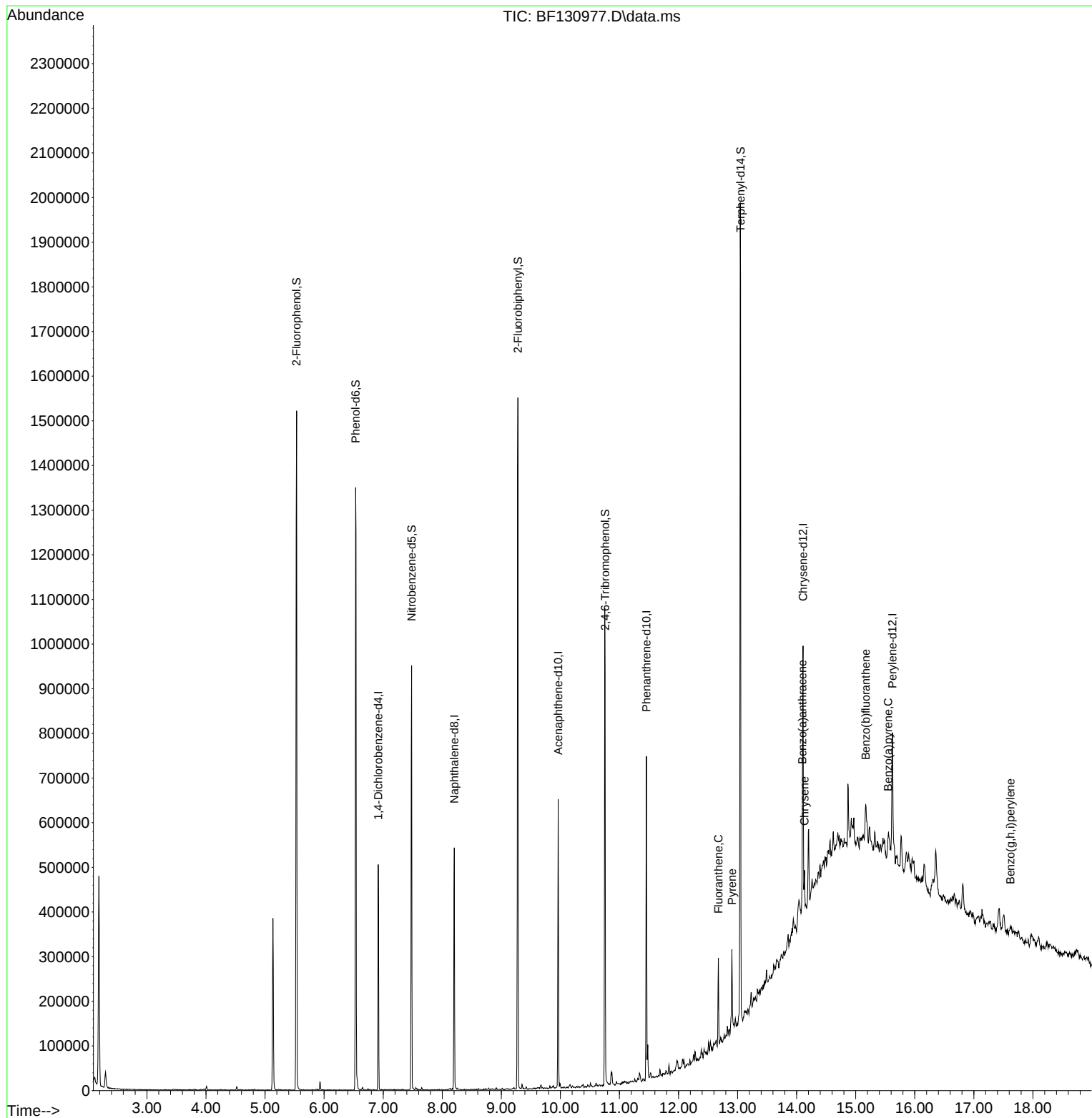
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130977.D
Acq On : 04 Nov 2022 00:37
Operator : CG\JU
Sample : N5418-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

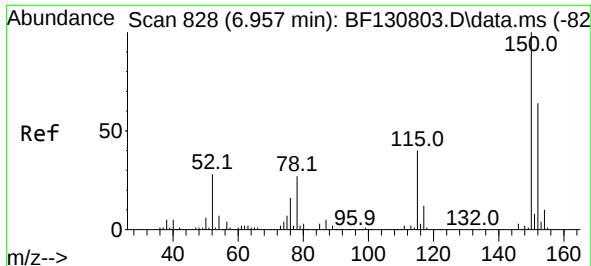
Instrument :
BNA_F
ClientSampleId :
TP-L

Quant Time: Nov 04 06:25:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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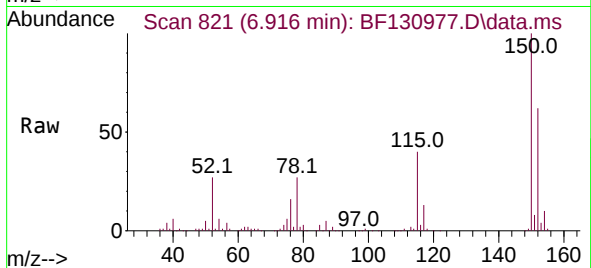
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

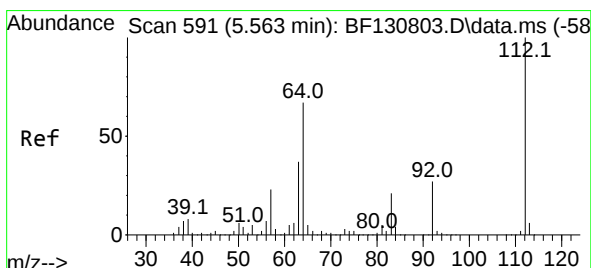
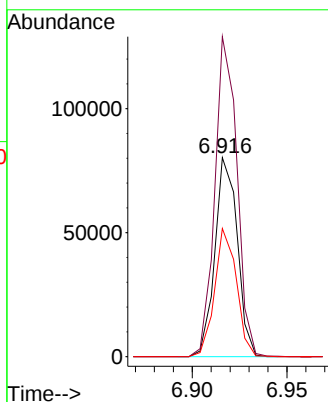
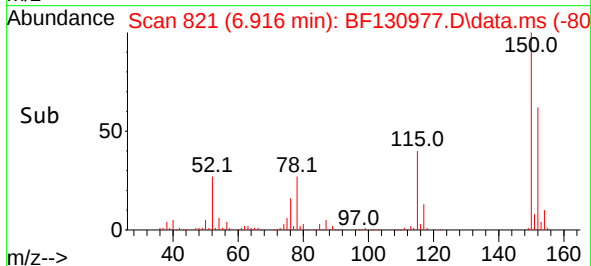
Instrument :
BNA_F
ClientSampleId :
TP-L



Tgt Ion:152 Resp: 65989
Ion Ratio Lower Upper
152 100
150 160.9 124.1 186.1
115 64.4 50.1 75.1

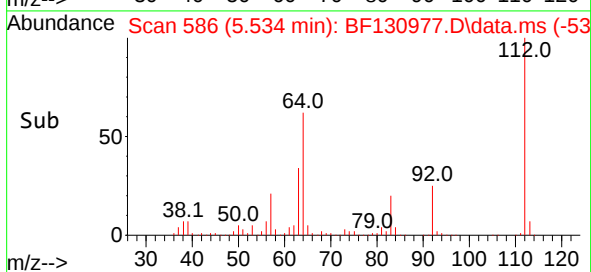
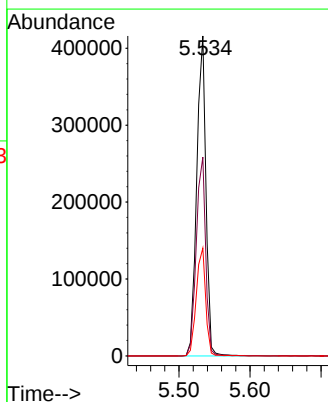
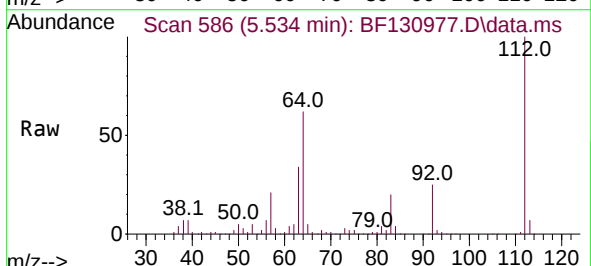
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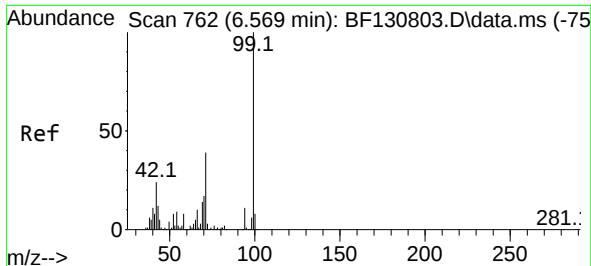
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#5
2-Fluorophenol
Concen: 97.845 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

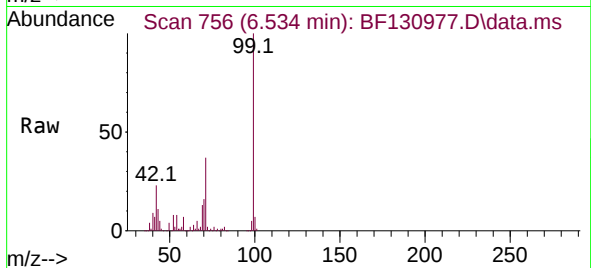
Tgt Ion:112 Resp: 372440
Ion Ratio Lower Upper
112 100
64 62.1 53.9 80.9
63 33.7 29.4 44.2





#7
Phenol-d6
Concen: 86.521 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

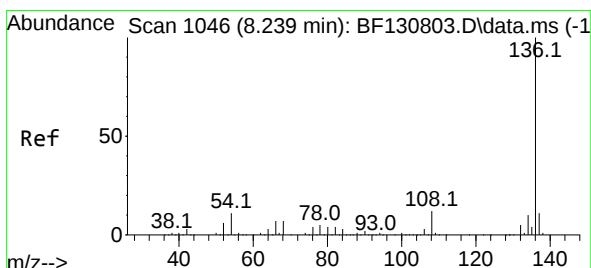
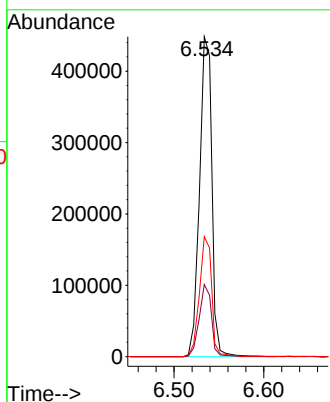
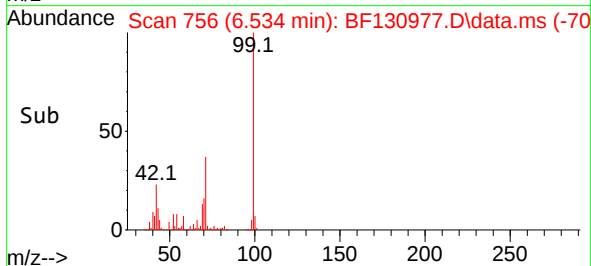
Instrument :
BNA_F
ClientSampleId :
TP-L



Tgt Ion: 99 Resp: 427972
Ion Ratio Lower Upper
99 100
42 22.5 18.8 28.2
71 37.5 31.4 47.0

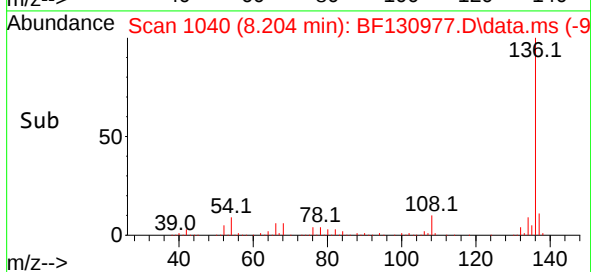
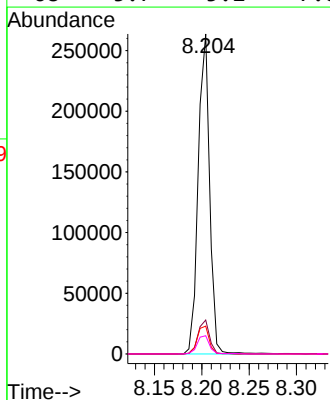
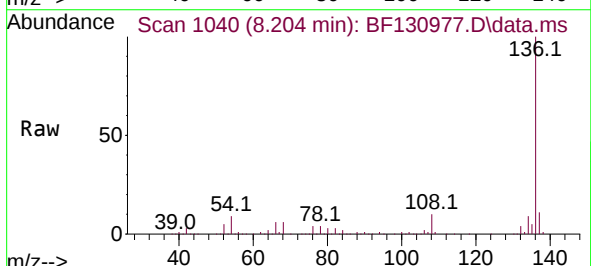
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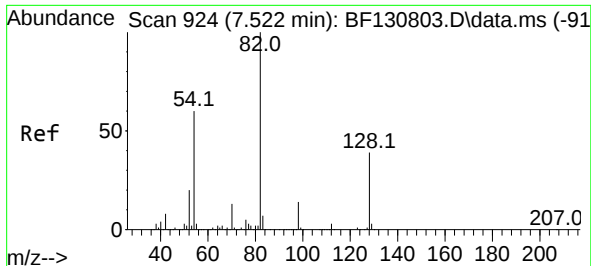
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

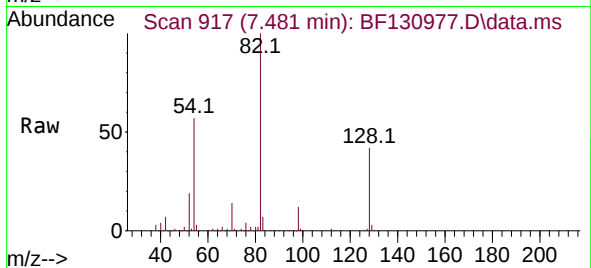
Tgt Ion:136 Resp: 220493
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.7 8.8 13.2#
68 5.7 5.2 7.8





#23
Nitrobenzene-d5
Concen: 73.382 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

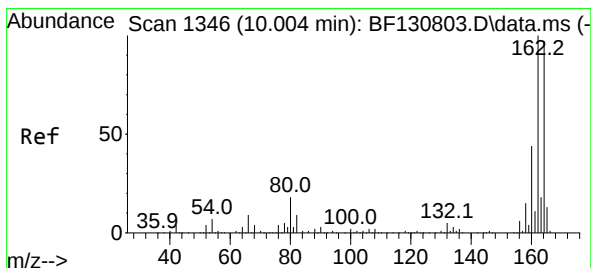
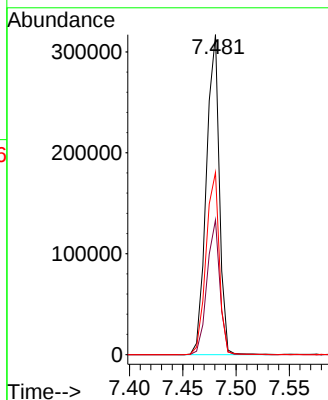
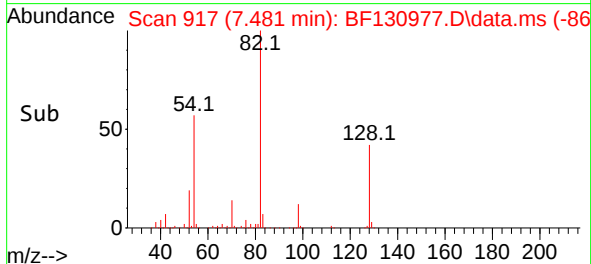
Instrument :
BNA_F
ClientSampleId :
TP-L



Tgt Ion: 82 Resp: 268332
Ion Ratio Lower Upper
82 100
128 42.1 31.2 46.8
54 56.9 48.0 72.0

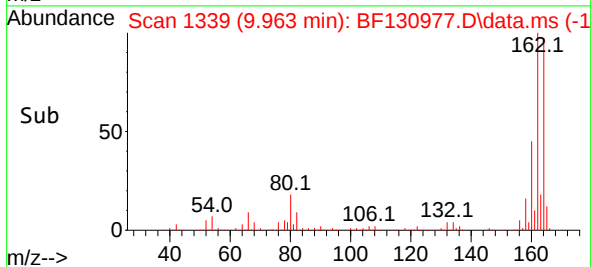
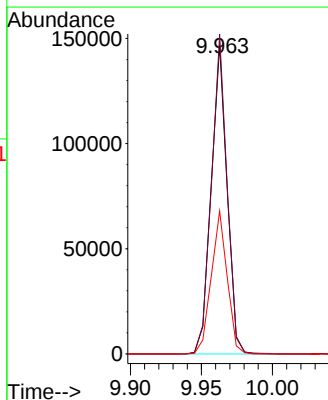
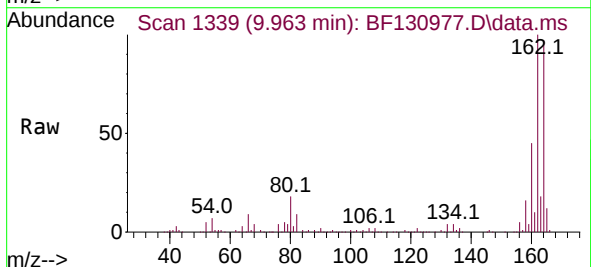
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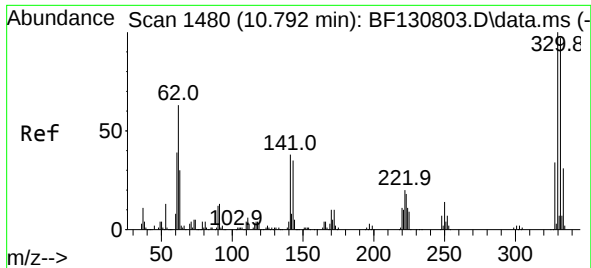
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

Tgt Ion:164 Resp: 113861
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 46.3 36.6 54.8





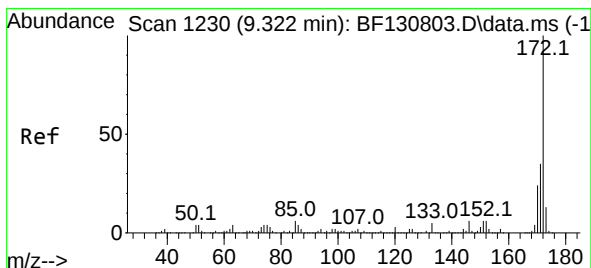
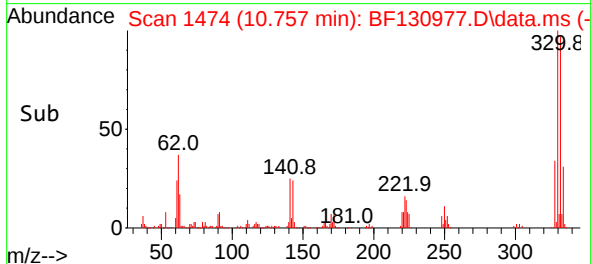
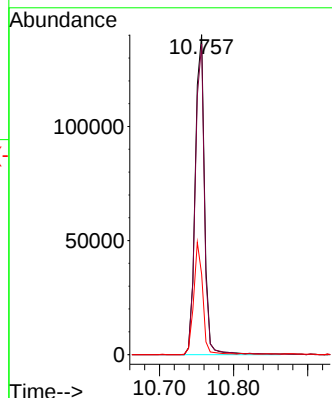
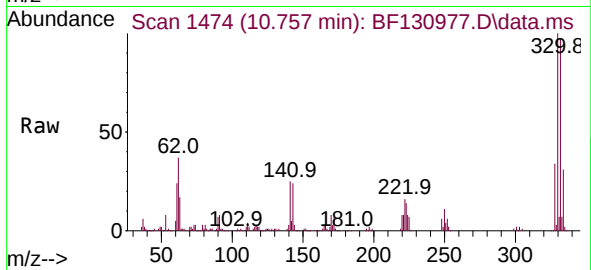
#42
2,4,6-Tribromophenol
Concen: 127.436 ng
RT: 10.757 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

Instrument :
BNA_F
ClientSampleId :
TP-L

Tgt Ion: 330 Resp: 122145
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.8 31.4 47.0

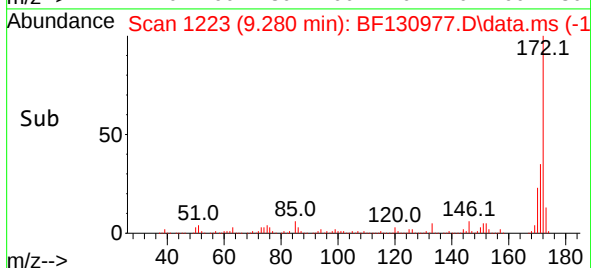
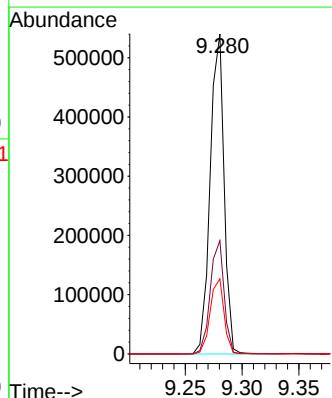
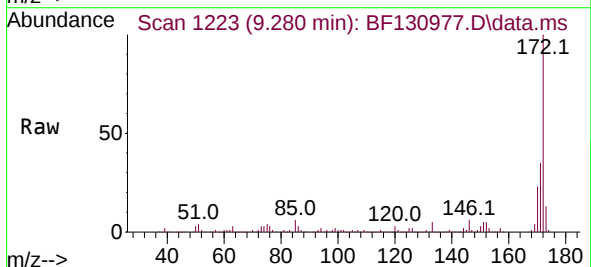
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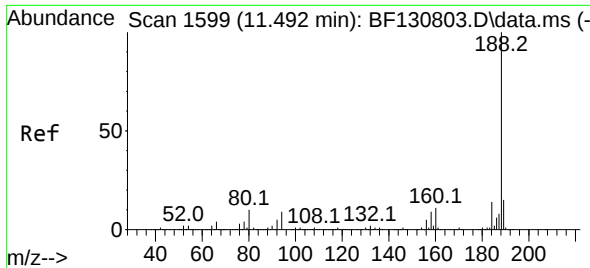
Reviewed By : Christian Giraldo 11/04/2022
Supervised By : Sohil Jodhani 11/04/2022



#45
2-Fluorobiphenyl
Concen: 61.292 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

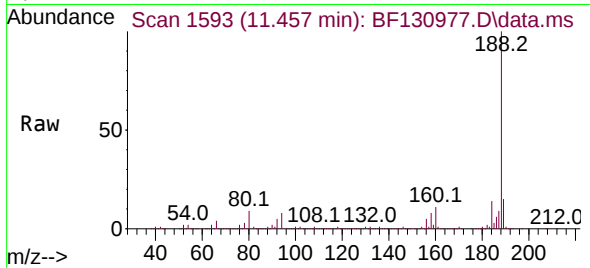
Tgt Ion: 172 Resp: 461594
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

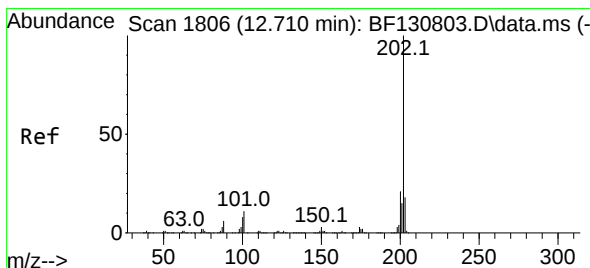
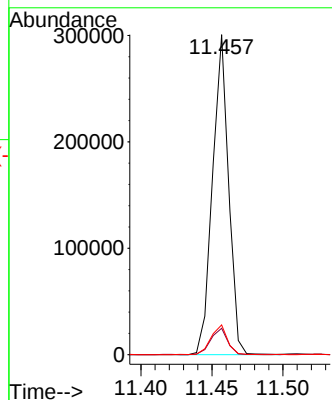
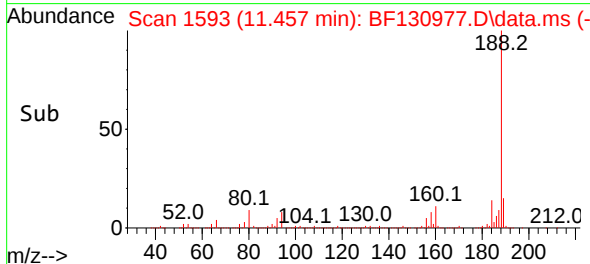
Instrument :
BNA_F
ClientSampleId :
TP-L



Tgt Ion:188 Resp: 236803
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.3 8.0 12.0

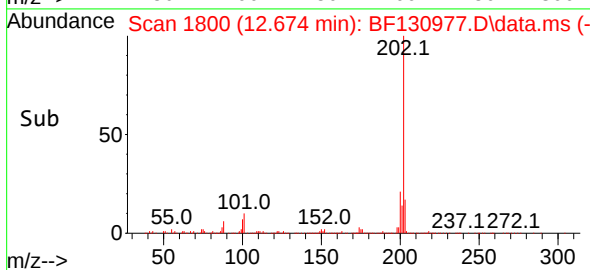
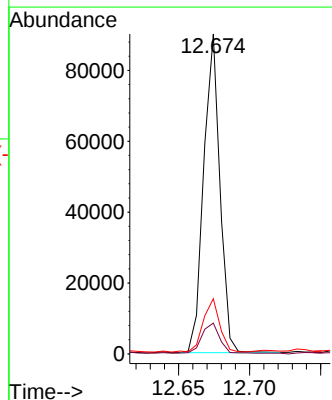
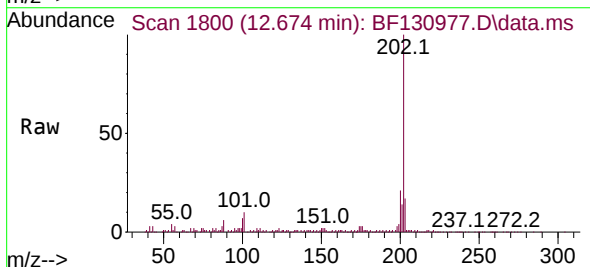
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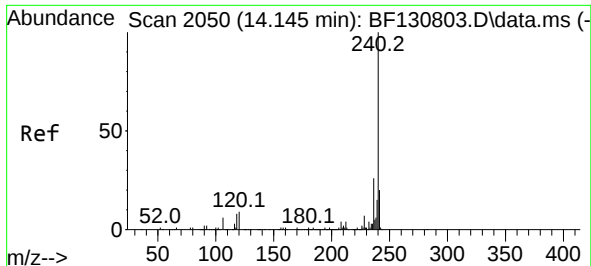
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#75
Fluoranthene
Concen: 5.497 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

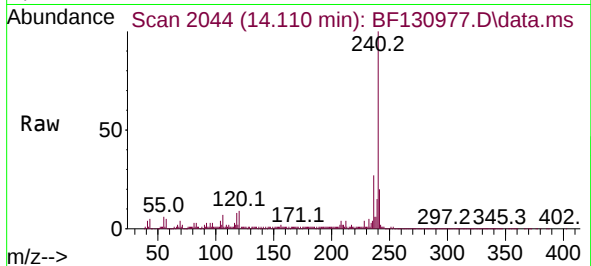
Tgt Ion:202 Resp: 71381
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 17.2 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

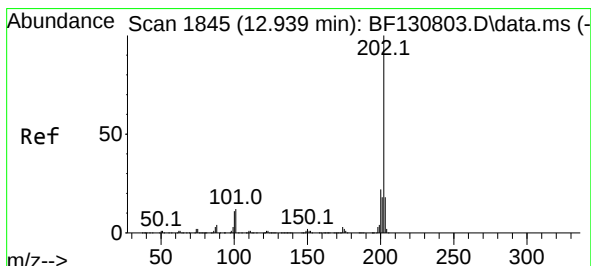
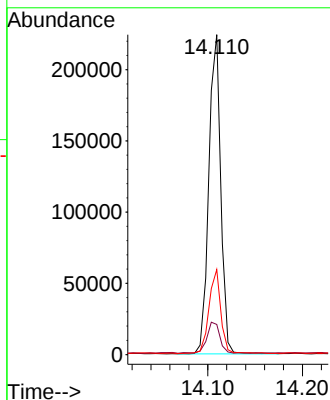
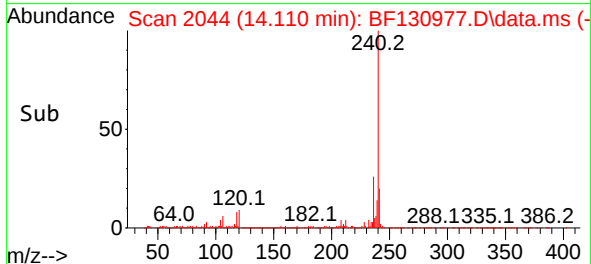
Instrument :
BNA_F
ClientSampleId :
TP-L



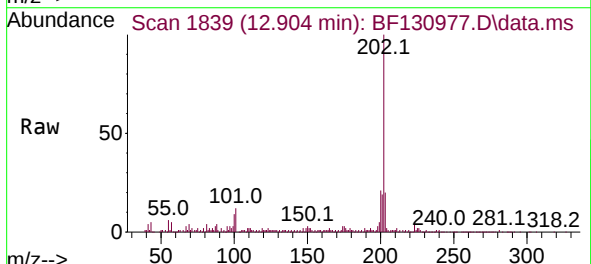
Tgt Ion:240 Resp: 196989
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 26.6 20.5 30.7

Manual Integrations
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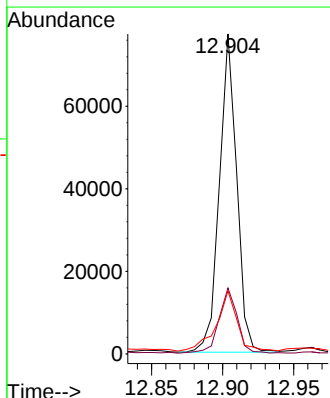
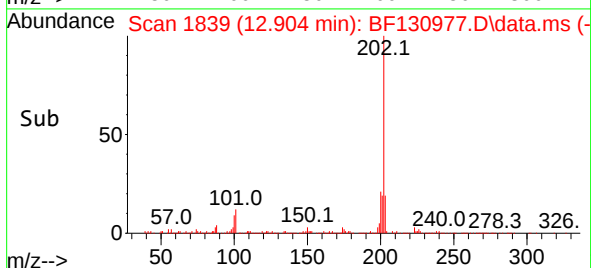
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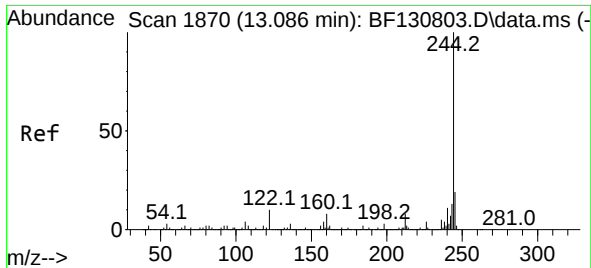


#78
Pyrene
Concen: 3.962 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37



Tgt Ion:202 Resp: 65852
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 19.7 14.5 21.7





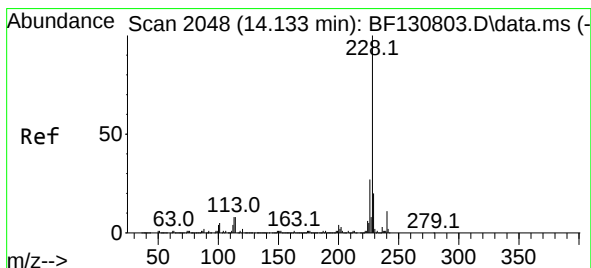
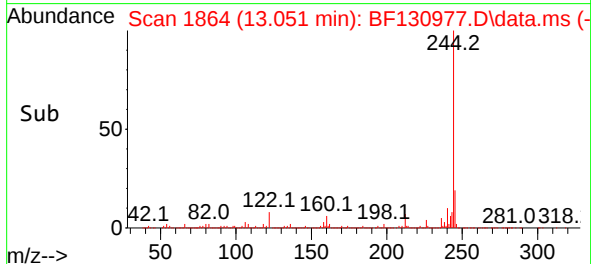
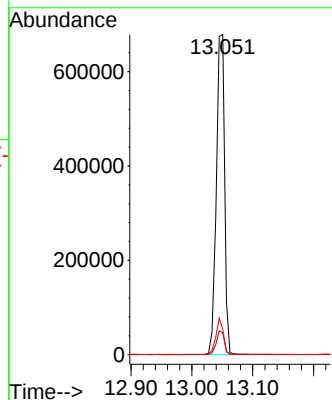
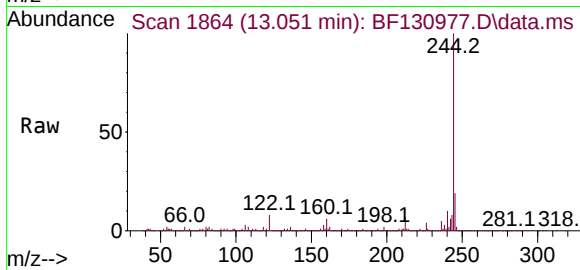
#79
 Terphenyl-d14
 Concen: 59.768 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. 0.006 min
 Lab File: BF130977.D
 Acq: 04 Nov 2022 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-L

Tgt Ion:244 Resp: 642500
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 7.9 7.9 11.9

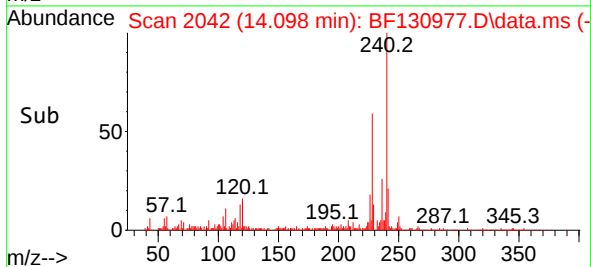
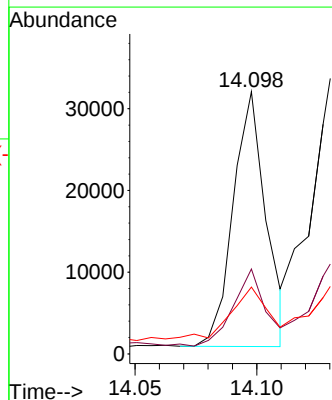
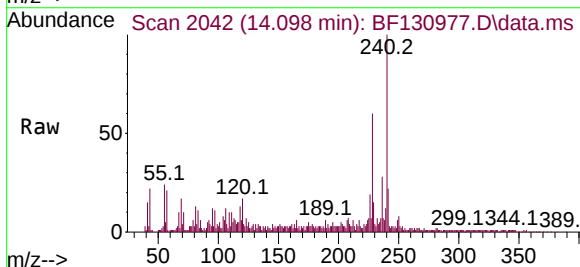
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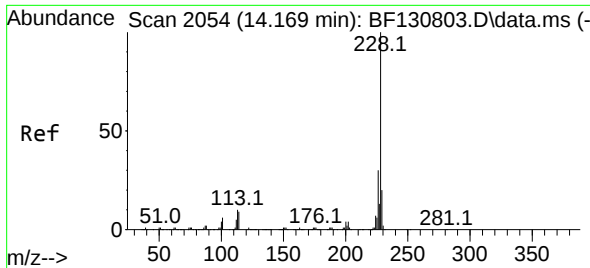
Reviewed By :Christian Giraldo 11/04/2022
 Supervised By :Sohil Jodhani 11/04/2022



#81
 Benzo(a)anthracene
 Concen: 2.243 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: BF130977.D
 Acq: 04 Nov 2022 00:37

Tgt Ion:228 Resp: 29293
 Ion Ratio Lower Upper
 228 100
 226 32.4 21.4 32.2#
 229 25.5 15.8 23.6#





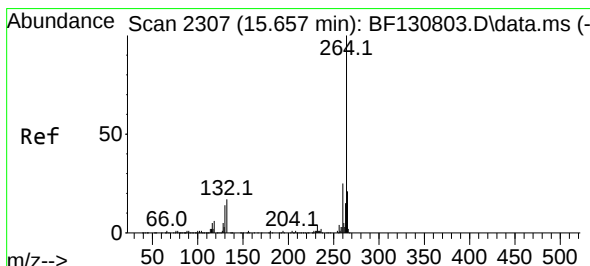
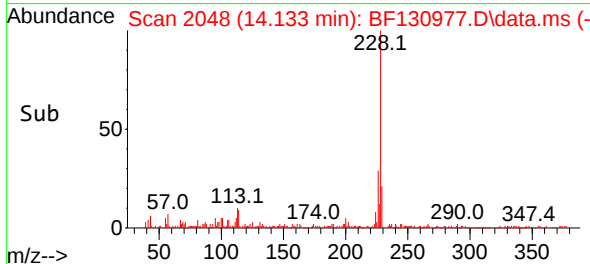
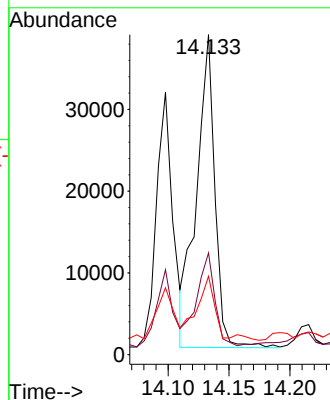
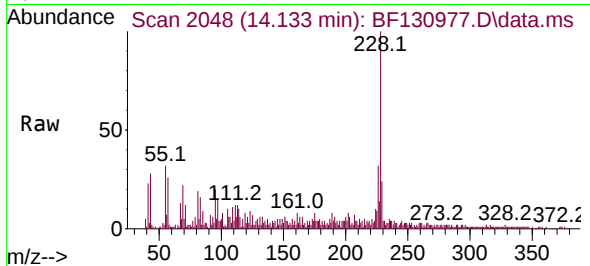
#83
Chrysene
Concen: 3.208 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

Instrument :
BNA_F
ClientSampleId :
TP-L

Tgt Ion:228 Resp: 40418
Ion Ratio Lower Upper
228 100
226 31.8 23.9 35.9
229 24.5 15.8 23.6

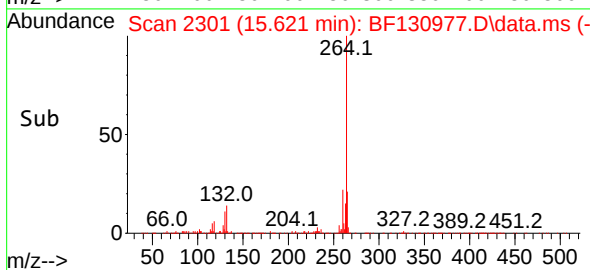
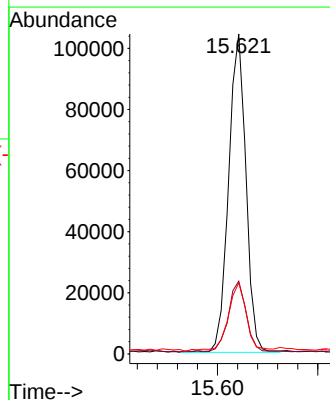
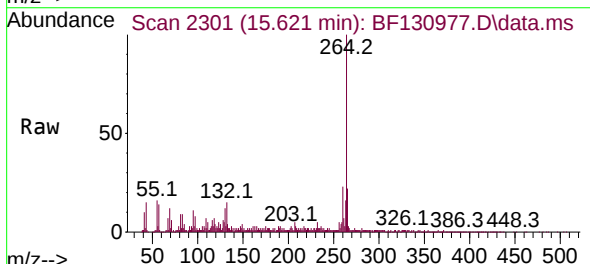
Manual Integrations
APPROVED

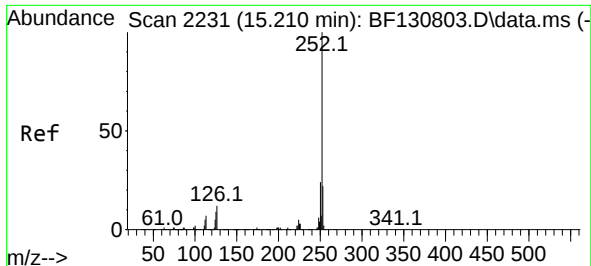
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.012 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

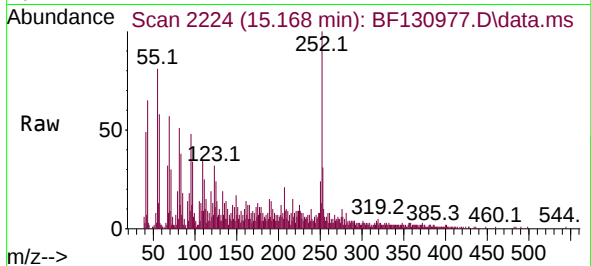
Tgt Ion:264 Resp: 125147
Ion Ratio Lower Upper
264 100
260 22.7 19.9 29.9
265 22.2 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 3.779 ng m
RT: 15.168 min Scan# 2231
Delta R.T. 0.006 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

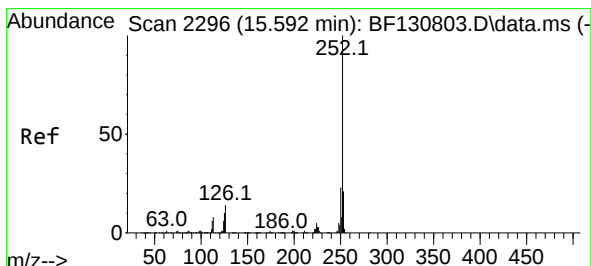
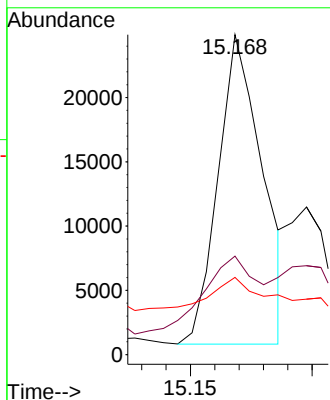
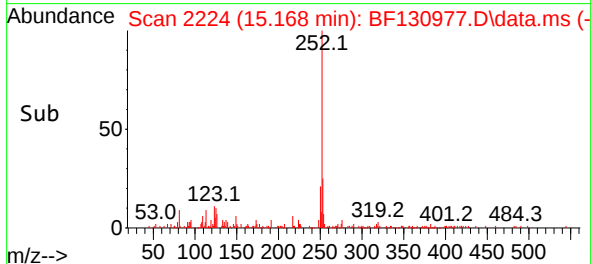
Instrument :
BNA_F
ClientSampleId :
TP-L



Tgt Ion:252 Resp: 30575
Ion Ratio Lower Upper
252 100
253 30.8 17.5 26.3#
125 24.1 7.0 10.4#

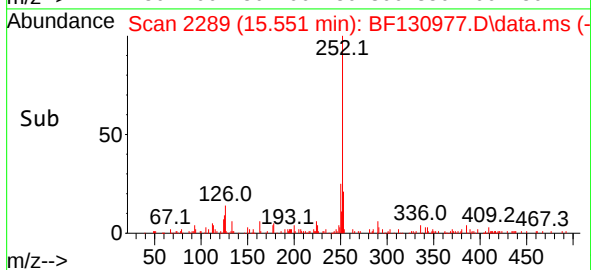
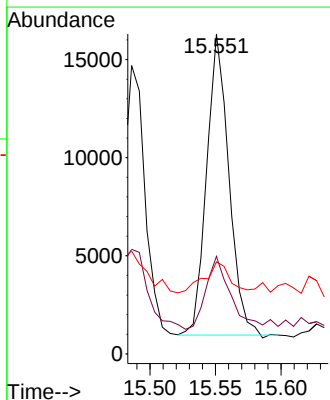
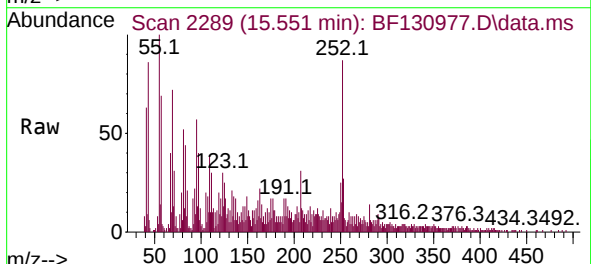
Manual Integrations
APPROVED

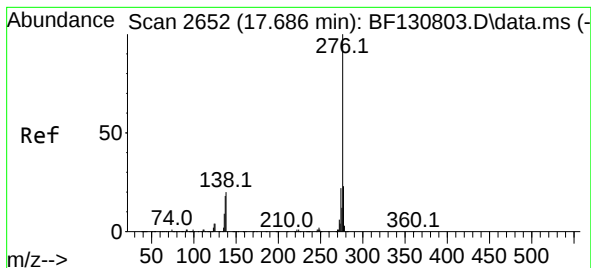
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#90
Benzo(a)pyrene
Concen: 2.780 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF130977.D
Acq: 04 Nov 2022 00:37

Tgt Ion:252 Resp: 18082
Ion Ratio Lower Upper
252 100
253 30.5 16.8 25.2#
125 28.8 8.3 12.5#





#92

Benzo(g,h,i)perylene

Concen: 2.081 ng

RT: 17.621 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF130977.D

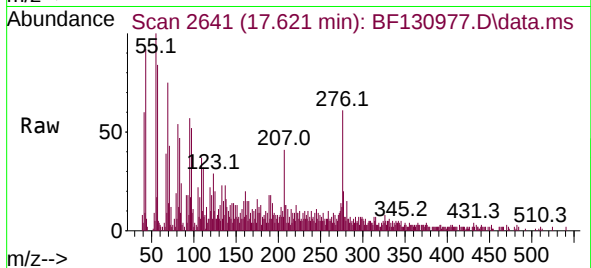
Acq: 04 Nov 2022 00:37

Instrument :

BNA_F

ClientSampleId :

TP-L



Tgt Ion:	276	Resp:	1438
Ion Ratio	Lower	Upper	
276	100		
277	32.7	18.8	28.2
138	26.8	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022

