

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130976.D
 Acq On : 04 Nov 2022 00:06
 Operator : CG\JU
 Sample : N5418-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-K

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 06:24:48 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	69469	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	230746	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	112915	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	224578	20.000	ng	0.00
76) Chrysene-d12	14.104	240	208647	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	135492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	395354	98.661	ng	0.00
7) Phenol-d6	6.534	99	463642	89.036	ng	0.00
23) Nitrobenzene-d5	7.481	82	288799	75.469	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	112583	118.444	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	461831	61.837	ng	0.00
79) Terphenyl-d14	13.045	244	593010	52.081	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.480	178	48531	4.187	ng	97
75) Fluoranthene	12.675	202	101195	8.217	ng	98
78) Pyrene	12.904	202	126066	7.162	ng	99
81) Benzo(a)anthracene	14.098	228	62901	4.547	ng	# 83
83) Chrysene	14.133	228	66267	4.966	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.145	276	20670	2.297	ng	# 92
88) Benzo(b)fluoranthene	15.168	252	50117m	5.722	ng	
90) Benzo(a)pyrene	15.551	252	37889	5.381	ng	# 87
92) Benzo(g,h,i)perylene	17.609	276	21584	2.884	ng	# 89

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

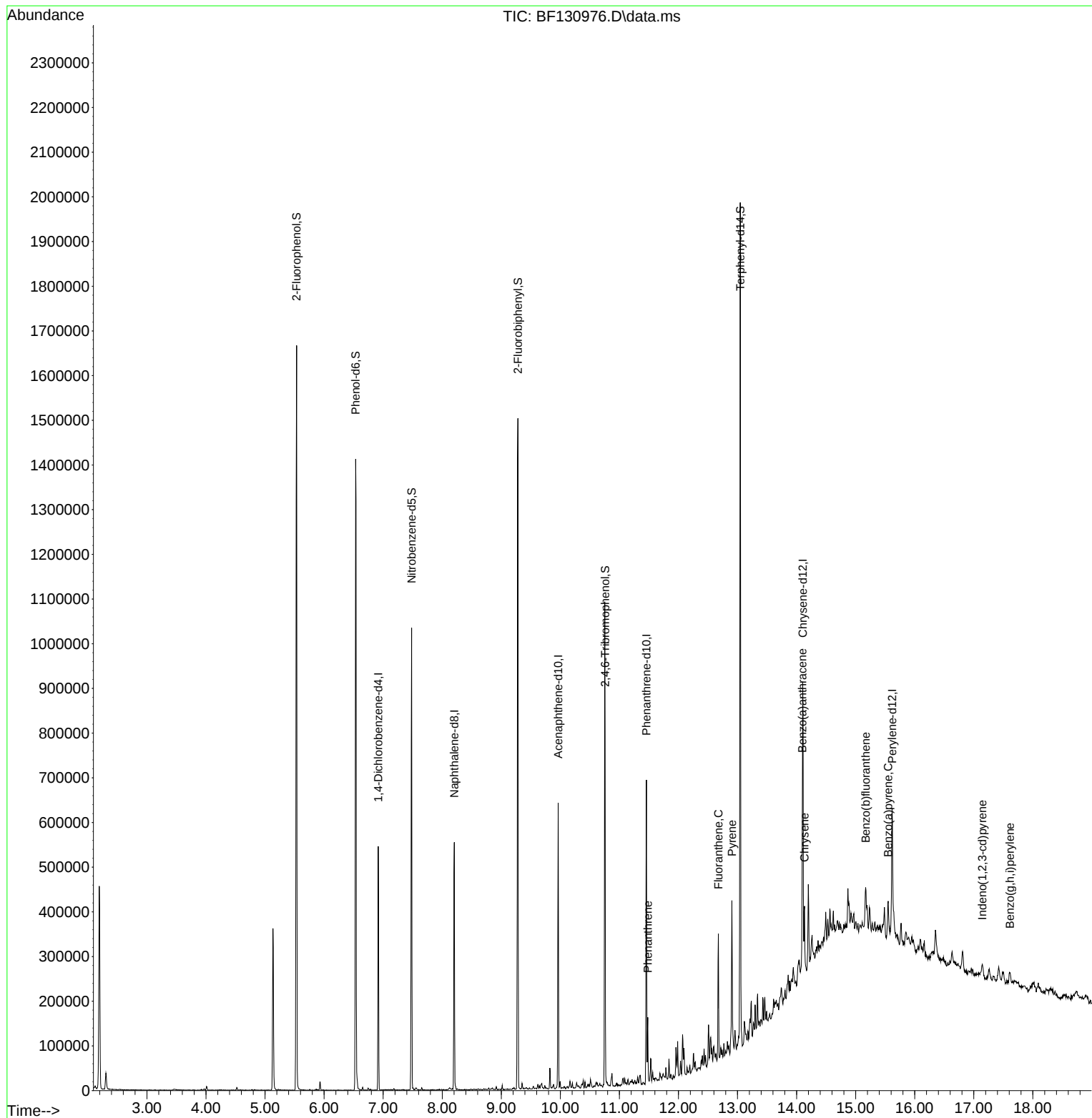
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130976.D
Acq On : 04 Nov 2022 00:06
Operator : CG\JU
Sample : N5418-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

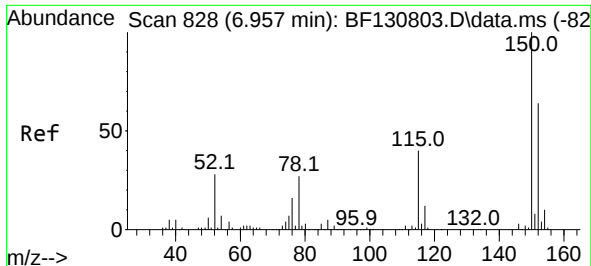
Instrument :
BNA_F
ClientSampleId :
TP-K

Quant Time: Nov 04 06:24:48 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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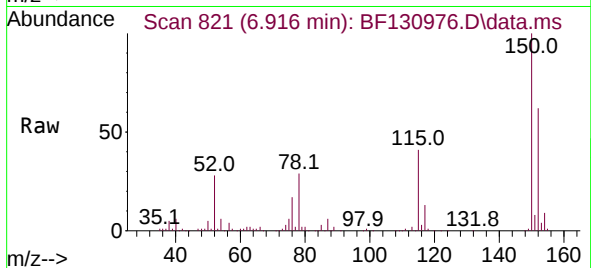
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

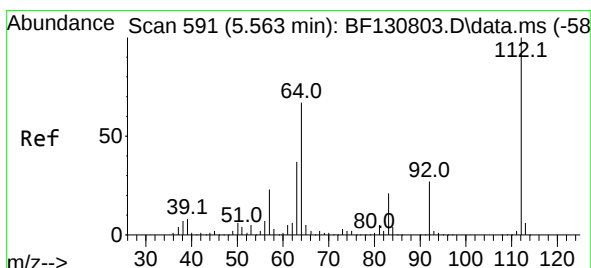
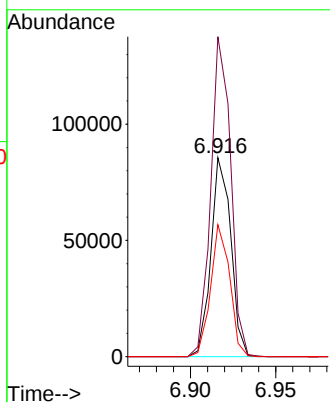
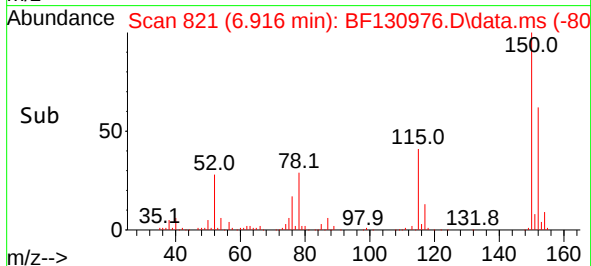
Instrument :
BNA_F
ClientSampleId :
TP-K



Tgt Ion:152 Resp: 69469
Ion Ratio Lower Upper
152 100
150 160.8 124.1 186.1
115 66.3 50.1 75.1

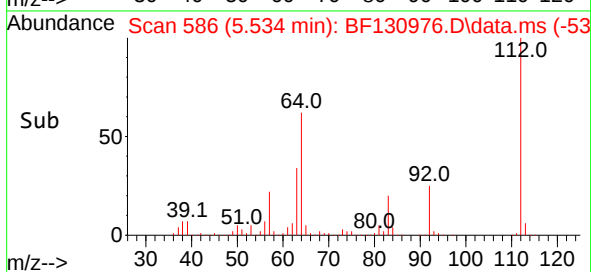
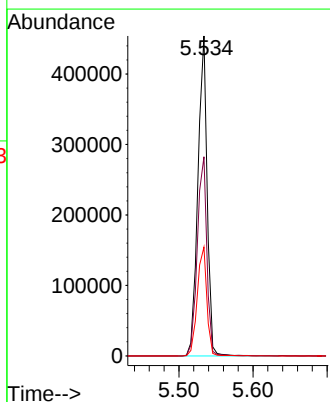
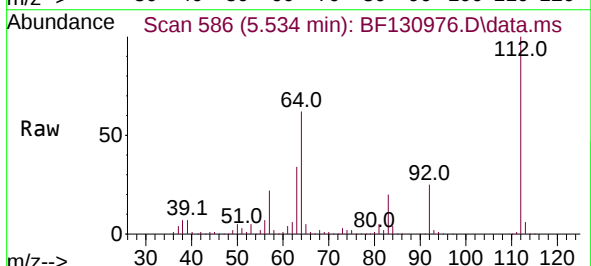
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#5
2-Fluorophenol
Concen: 98.661 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

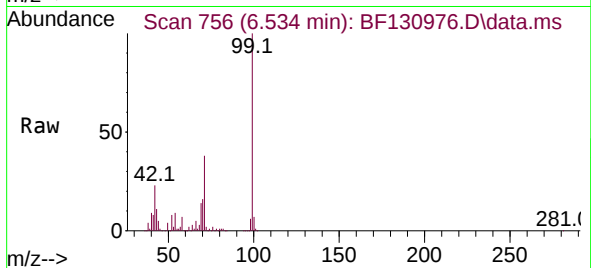
Tgt Ion:112 Resp: 395354
Ion Ratio Lower Upper
112 100
64 62.2 53.9 80.9
63 34.0 29.4 44.2





#7
Phenol-d6
Concen: 89.036 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

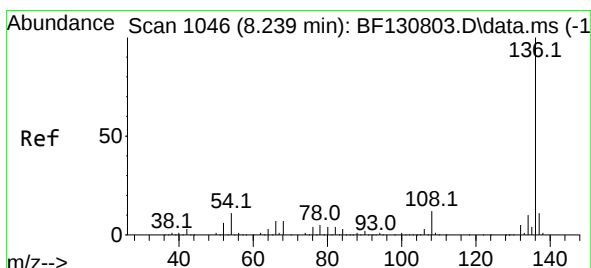
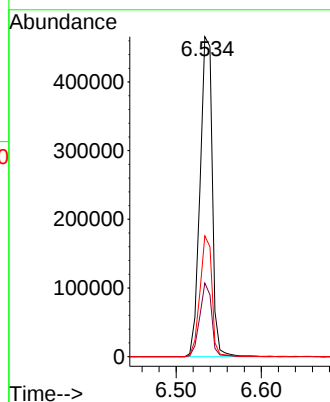
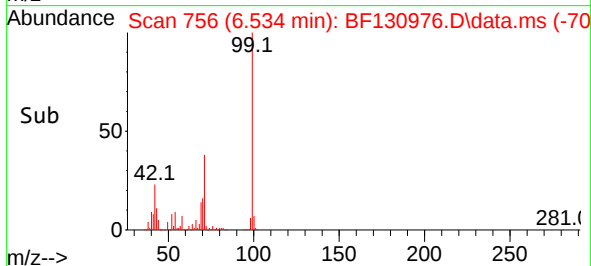
Instrument :
BNA_F
ClientSampleId :
TP-K



Tgt Ion: 99 Resp: 463642
Ion Ratio Lower Upper
99 100
42 23.0 18.8 28.2
71 37.7 31.4 47.0

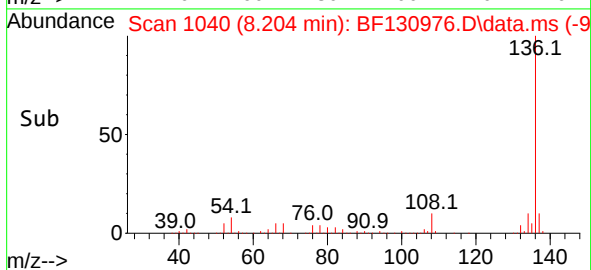
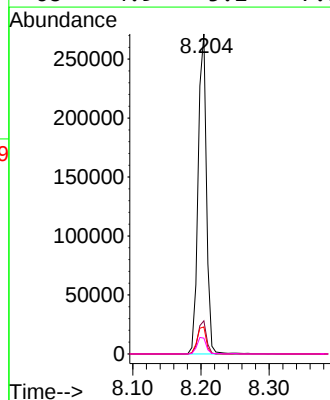
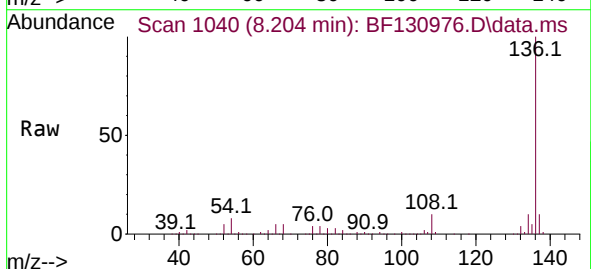
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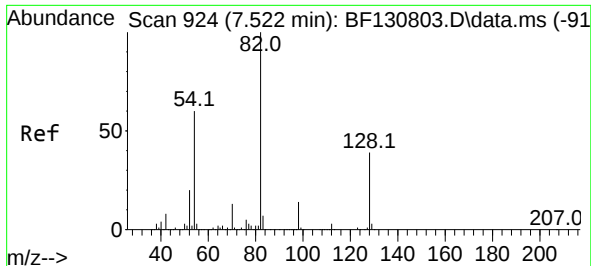
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Tgt Ion:136 Resp: 230746
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.4 8.8 13.2#
68 4.9 5.2 7.8#





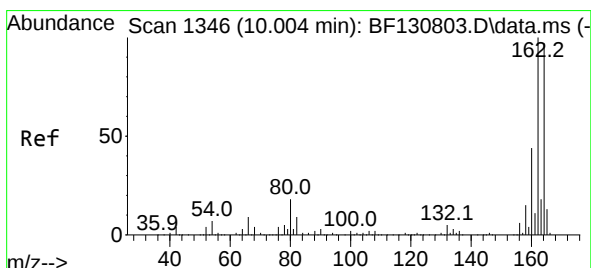
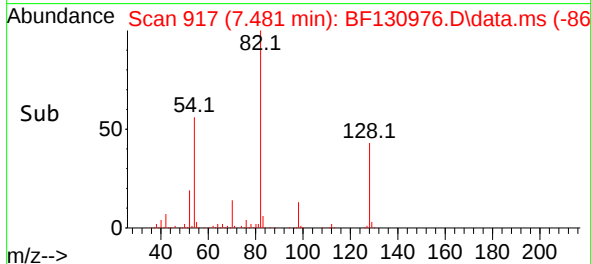
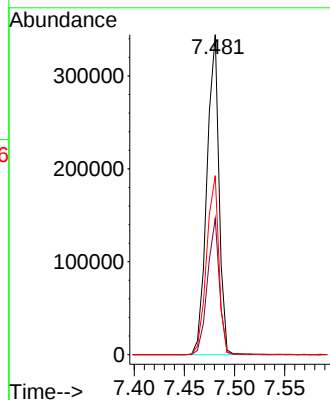
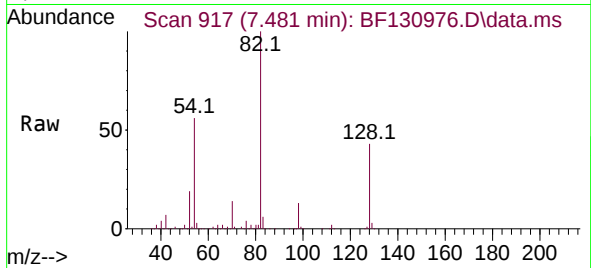
#23
Nitrobenzene-d5
Concen: 75.469 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Instrument :
BNA_F
ClientSampleId :
TP-K

Tgt Ion: 82 Resp: 288799
Ion Ratio Lower Upper
82 100
128 42.5 31.2 46.8
54 55.9 48.0 72.0

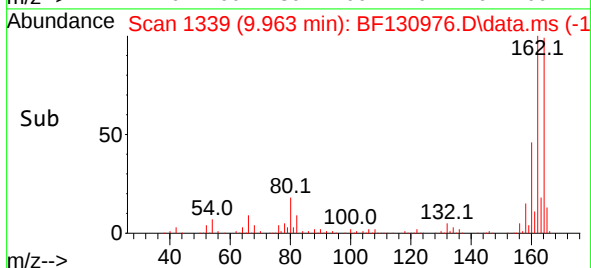
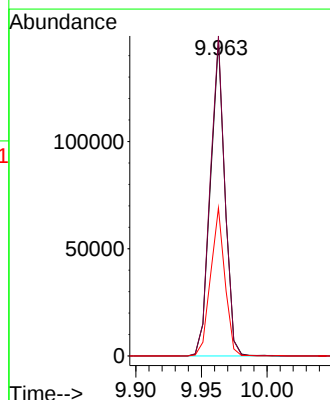
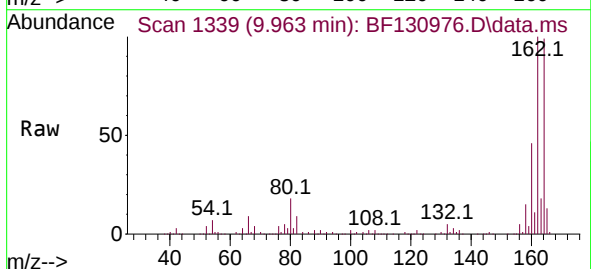
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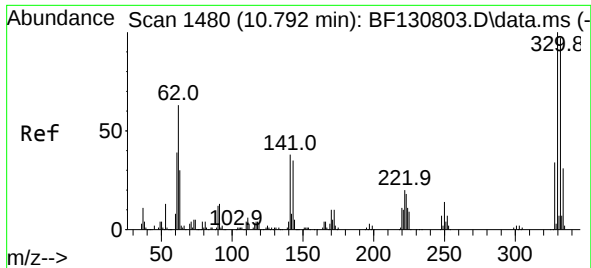
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

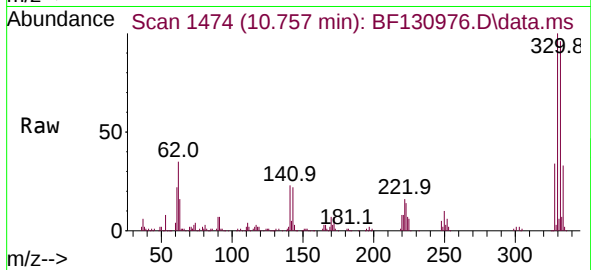
Tgt Ion:164 Resp: 112915
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 46.8 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 118.444 ng
RT: 10.757 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

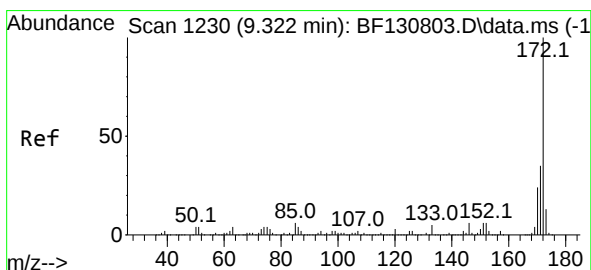
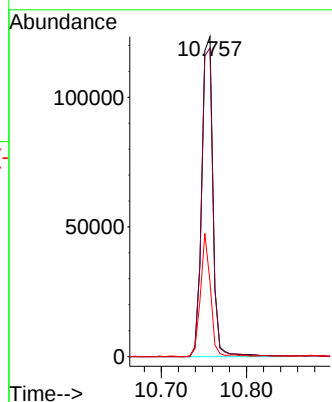
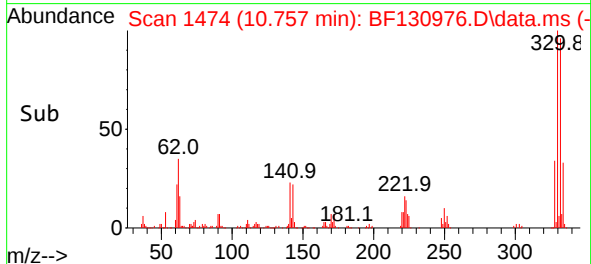
Instrument :
BNA_F
ClientSampleId :
TP-K



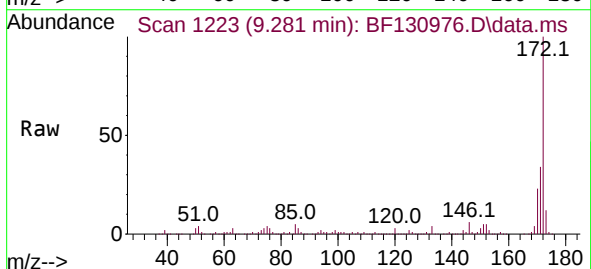
Tgt Ion: 330 Resp: 112583
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 34.4 31.4 47.0

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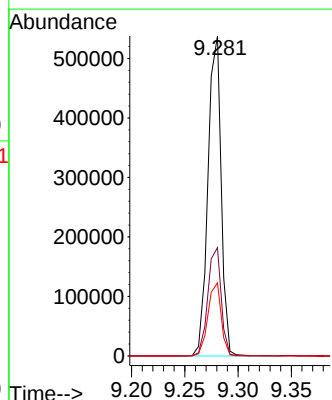
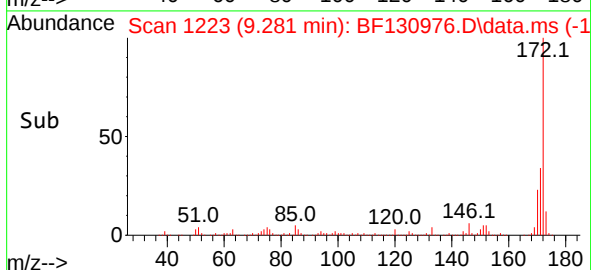
Reviewed By : Christian Giraldo 11/04/2022
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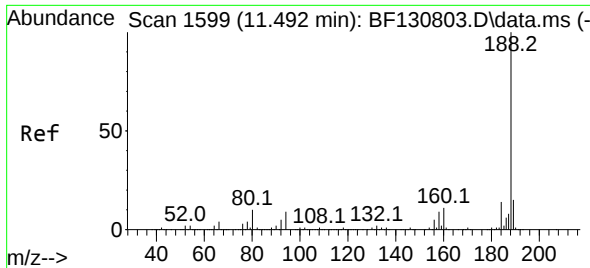


#45
2-Fluorobiphenyl
Concen: 61.837 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06



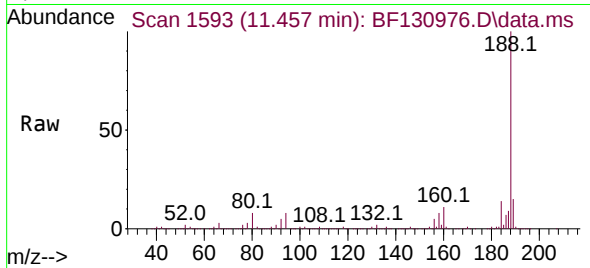
Tgt Ion: 172 Resp: 461831
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.8 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

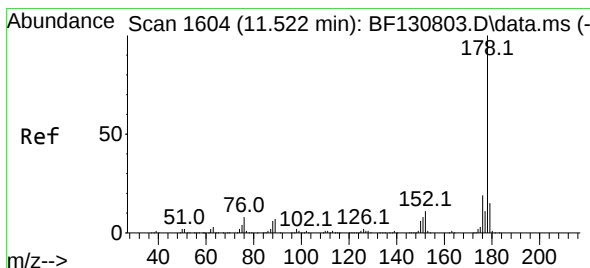
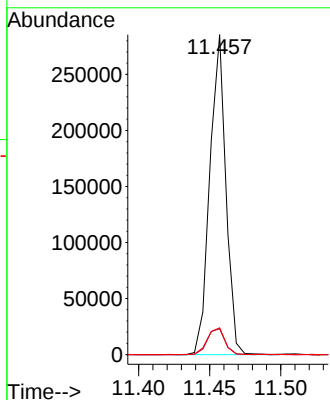
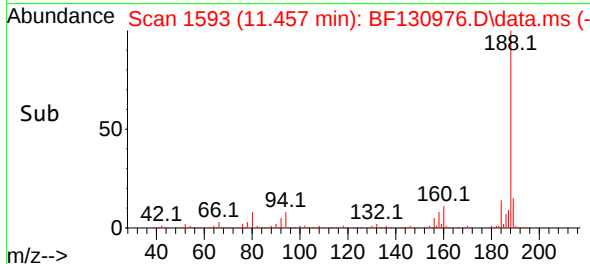
Instrument :
BNA_F
ClientSampleId :
TP-K



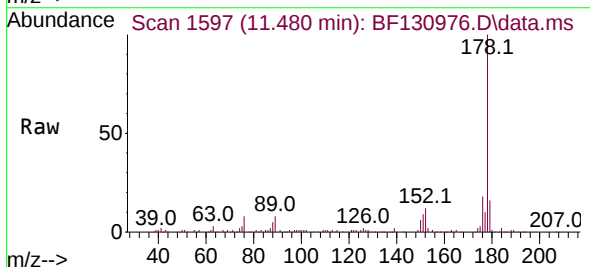
Tgt Ion:188 Resp: 224578
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.4 8.0 12.0

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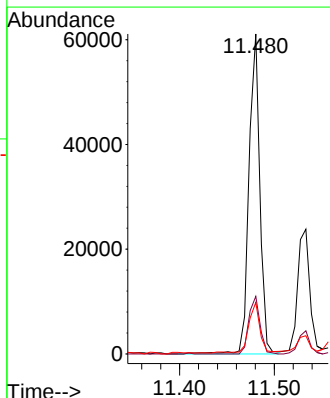
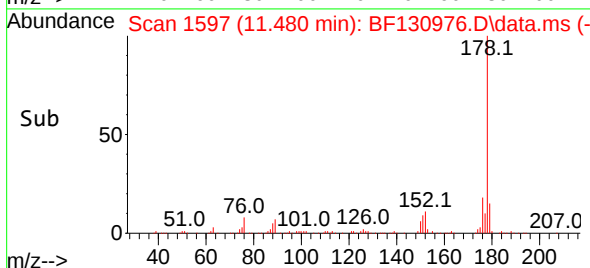
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

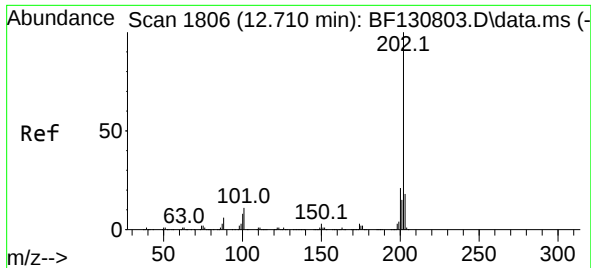


#71
Phenanthrene
Concen: 4.187 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06



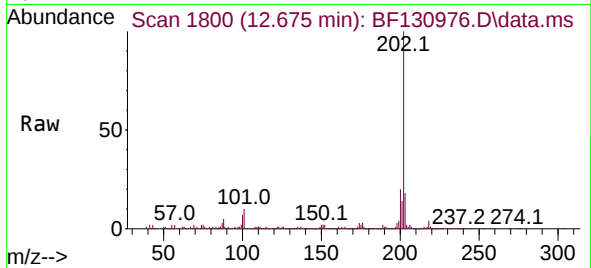
Tgt Ion:178 Resp: 48531
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 16.1 12.2 18.2





#75
Fluoranthene
Concen: 8.217 ng
RT: 12.675 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

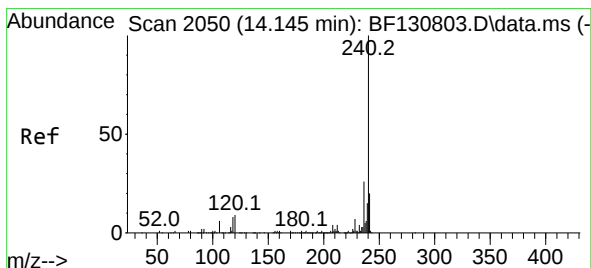
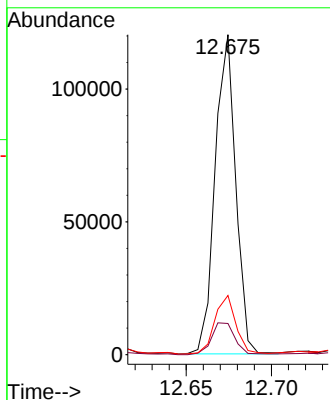
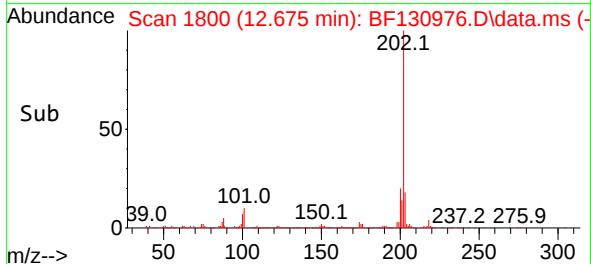
Instrument :
BNA_F
ClientSampleId :
TP-K



Tgt Ion:202 Resp: 101195
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 18.5 0.0 37.7

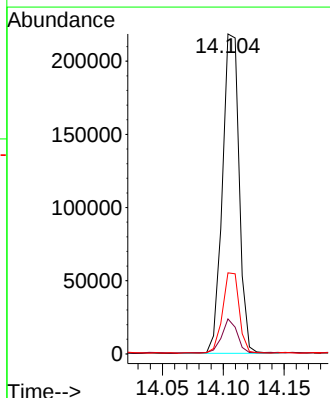
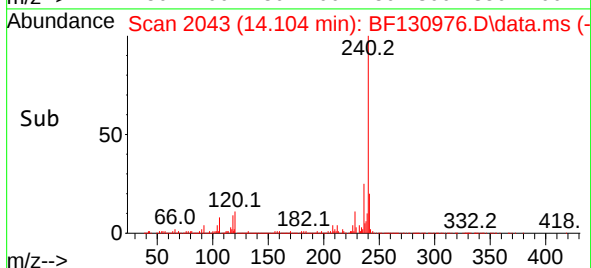
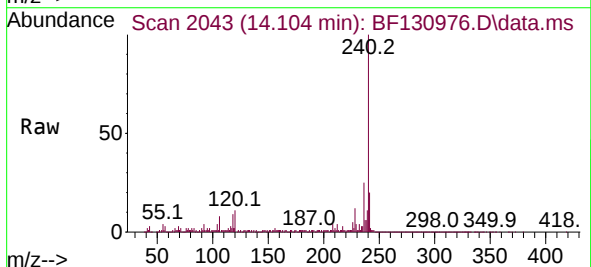
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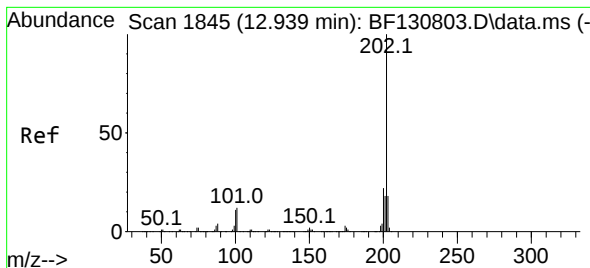
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Tgt Ion:240 Resp: 208647
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.4#
236 25.3 20.5 30.7





#78

Pyrene

Concen: 7.162 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF130976.D

Acq: 04 Nov 2022 00:06

Instrument :

BNA_F

ClientSampleId :

TP-K

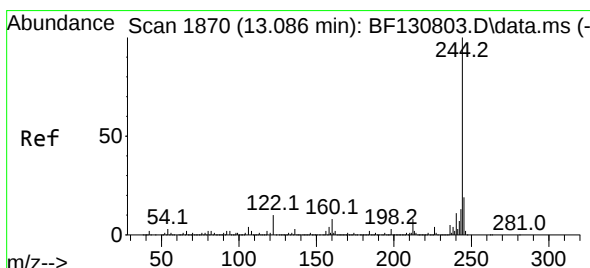
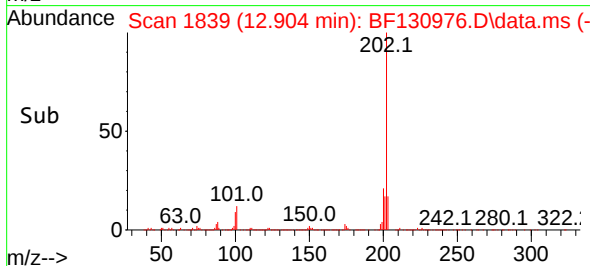
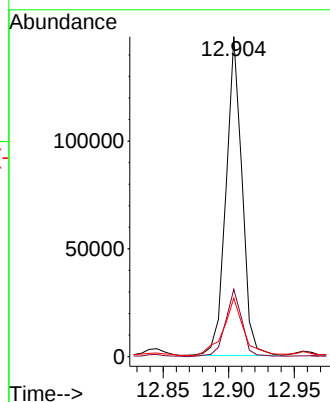
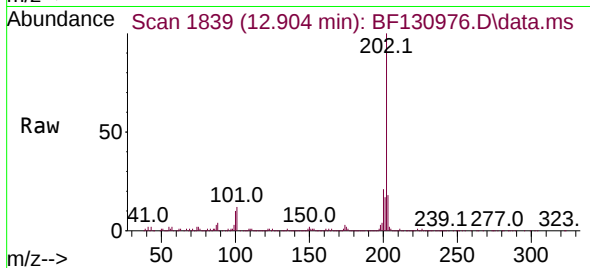
Tgt Ion:	202	Resp:	126060
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	18.3	14.5	21.7

Manual Integrations

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#79

Terphenyl-d14

Concen: 52.081 ng

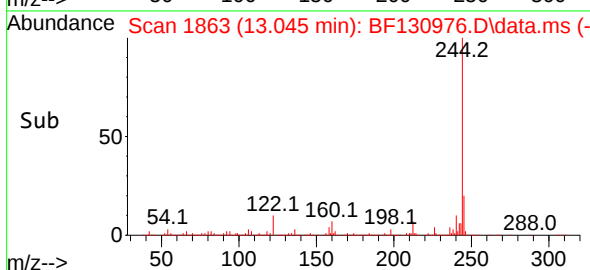
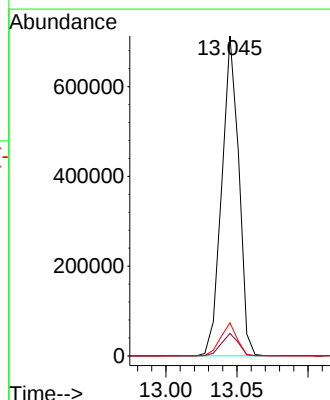
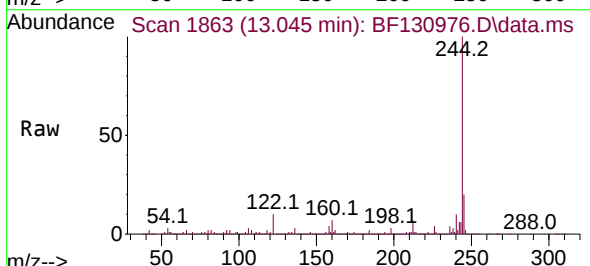
RT: 13.045 min Scan# 1863

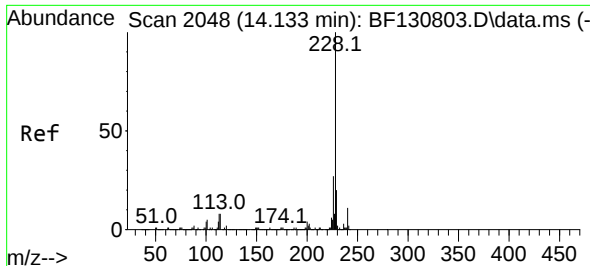
Delta R.T. 0.000 min

Lab File: BF130976.D

Acq: 04 Nov 2022 00:06

Tgt Ion:	244	Resp:	593010
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.2	9.2
122	10.3	7.9	11.9





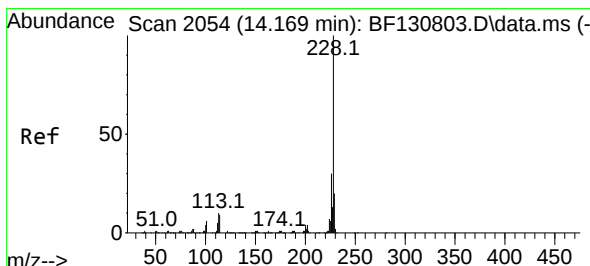
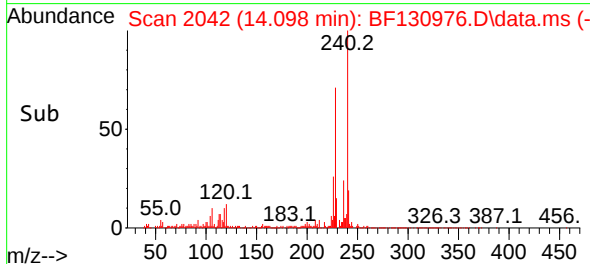
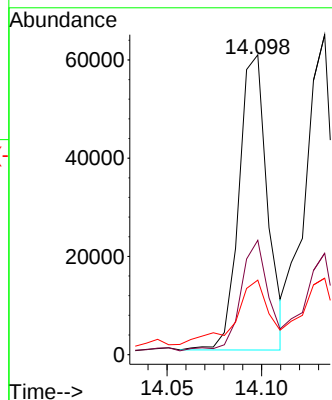
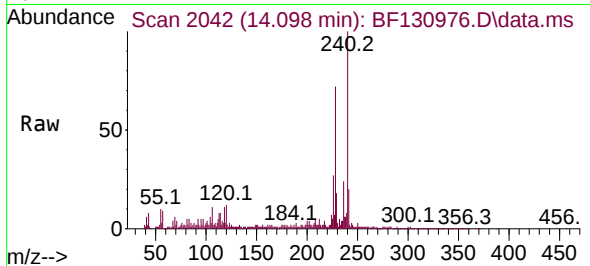
#81
Benzo(a)anthracene
Concen: 4.547 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Instrument :
BNA_F
ClientSampleId :
TP-K

Tgt Ion:228 Resp: 62901
Ion Ratio Lower Upper
228 100
226 38.2 21.4 32.2
229 24.9 15.8 23.6

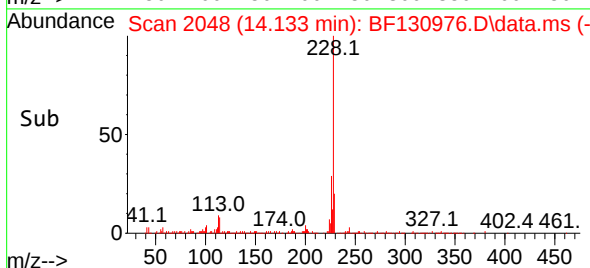
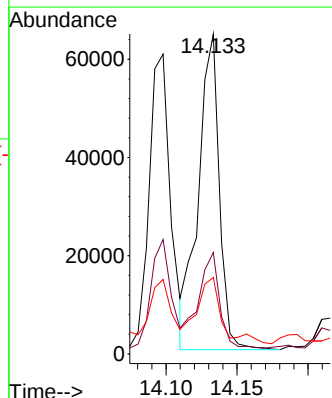
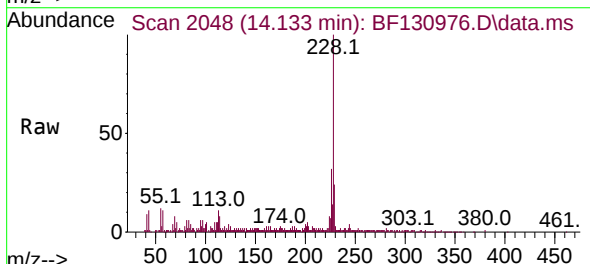
Manual Integrations
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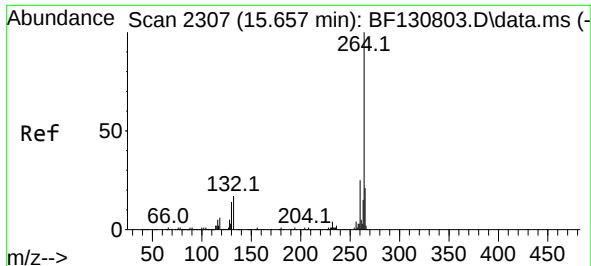
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#83
Chrysene
Concen: 4.966 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Tgt Ion:228 Resp: 66267
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 23.9 15.8 23.6





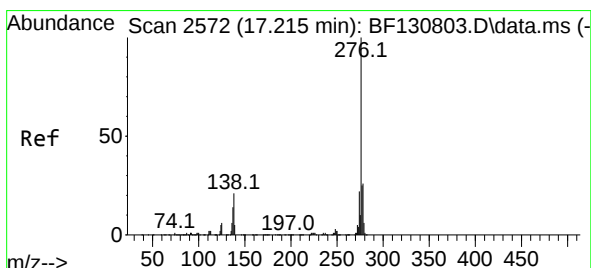
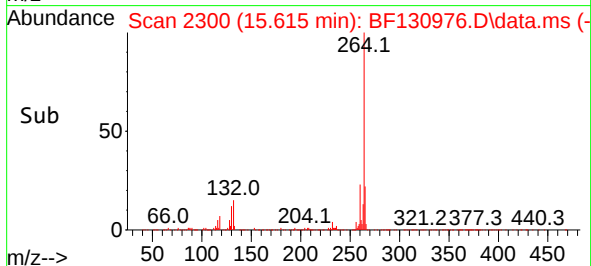
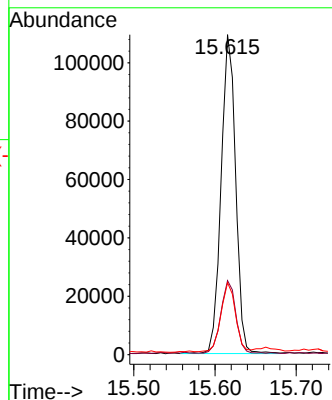
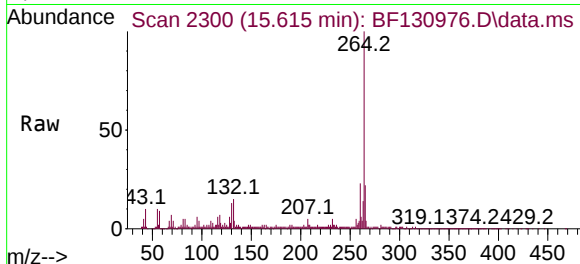
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Instrument :
BNA_F
ClientSampleId :
TP-K

Tgt Ion:264 Resp: 135492
Ion Ratio Lower Upper
264 100
260 23.1 19.9 29.9
265 22.5 17.0 25.6

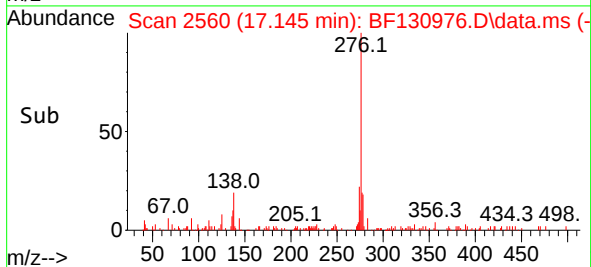
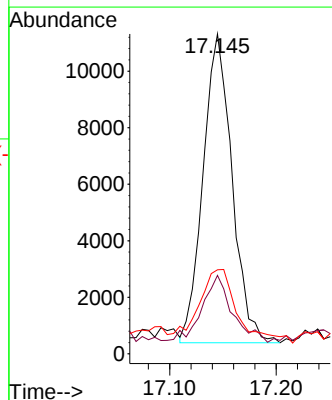
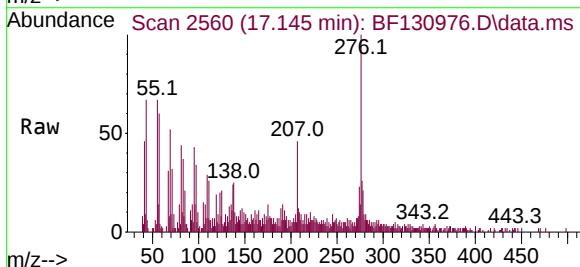
Manual Integrations
APPROVED

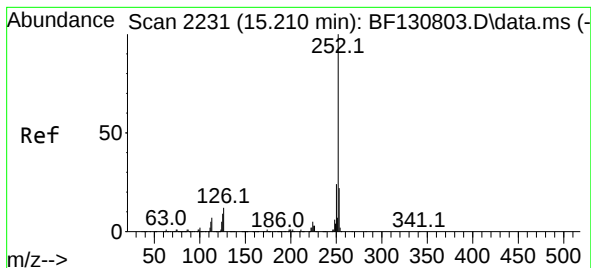
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.297 ng
RT: 17.145 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Tgt Ion:276 Resp: 20670
Ion Ratio Lower Upper
276 100
138 22.9 19.1 28.7
277 31.8 20.1 30.1#





#88

Benzo(b)fluoranthene

Concen: 5.722 ng m

RT: 15.168 min Scan# 2231

Delta R.T. 0.006 min

Lab File: BF130976.D

Acq: 04 Nov 2022 00:06

Instrument :

BNA_F

ClientSampleId :

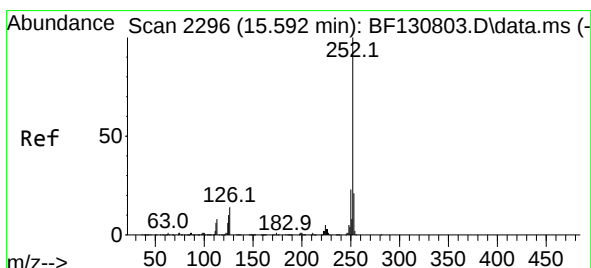
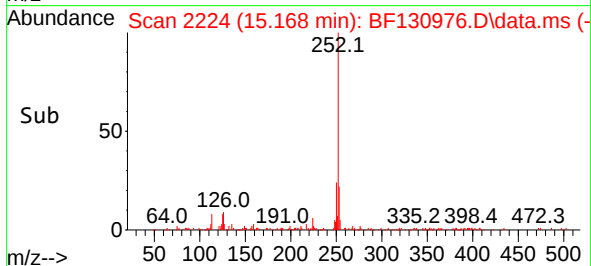
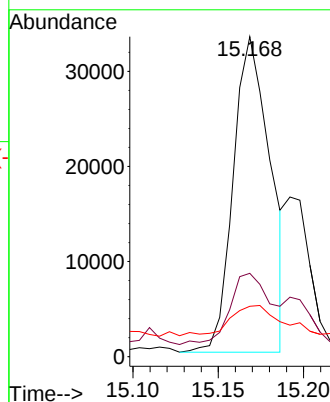
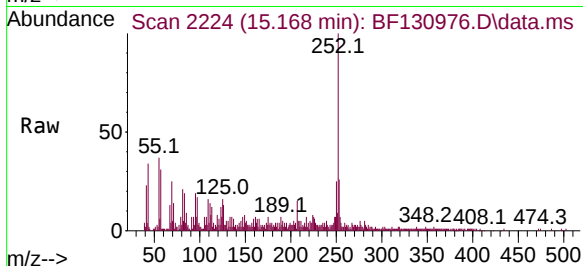
TP-K

Tgt Ion:252 Resp: 50117
 Ion Ratio Lower Upper
 252 100
 253 26.0 17.5 26.3
 125 15.7 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: 5.381 ng

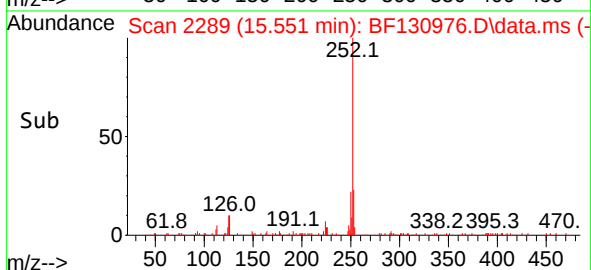
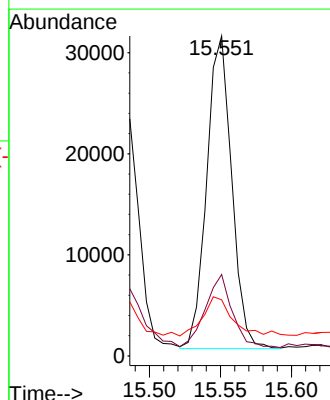
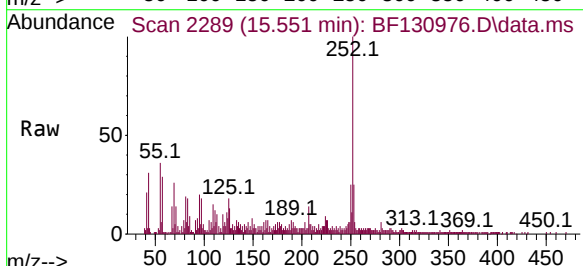
RT: 15.551 min Scan# 2289

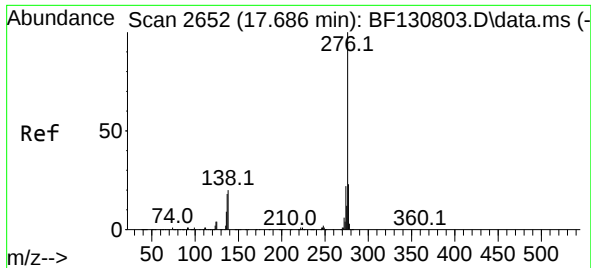
Delta R.T. 0.006 min

Lab File: BF130976.D

Acq: 04 Nov 2022 00:06

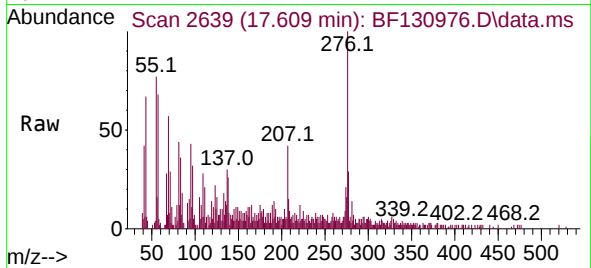
Tgt Ion:252 Resp: 37889
 Ion Ratio Lower Upper
 252 100
 253 25.4 16.8 25.2#
 125 17.5 8.3 12.5#





#92
Benzo(g,h,i)perylene
Concen: 2.884 ng
RT: 17.609 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF130976.D
Acq: 04 Nov 2022 00:06

Instrument :
BNA_F
ClientSampleId :
TP-K



Tgt Ion: 276 Resp: 21584
Ion Ratio Lower Upper
276 100
277 28.8 18.8 28.2
138 25.6 16.3 24.5

Manual Integrations
APPROVED

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

