

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132603.D
 Acq On : 01 Mar 2023 21:30
 Operator : CG\JU
 Sample : 01728-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-022723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:22:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	187443	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	605196	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	287869	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	571778	20.000	ng	0.00
76) Chrysene-d12	14.204	240	357431	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	273363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	388672	33.653	ng	0.00
7) Phenol-d6	6.622	99	452505	30.021	ng	-0.01
23) Nitrobenzene-d5	7.563	82	257806	20.211	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	90947	29.254	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	424982	22.479	ng	0.00
79) Terphenyl-d14	13.133	244	522539	24.718	ng	0.00
Target Compounds						
71) Phenanthrene	11.569	178	109073	3.682	ng	99
75) Fluoranthene	12.769	202	213728	6.600	ng	99
78) Pyrene	12.998	202	213362	6.566	ng	99
81) Benzo(a)anthracene	14.192	228	78924	2.951	ng	# 87
83) Chrysene	14.233	228	72300	2.891	ng	# 94
88) Benzo(b)fluoranthene	15.298	252	71290m	3.891	ng	
90) Benzo(a)pyrene	15.692	252	49839	2.907	ng	# 78
92) Benzo(g,h,i)perylene	17.856	276	31103	3.437	ng	# 79

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

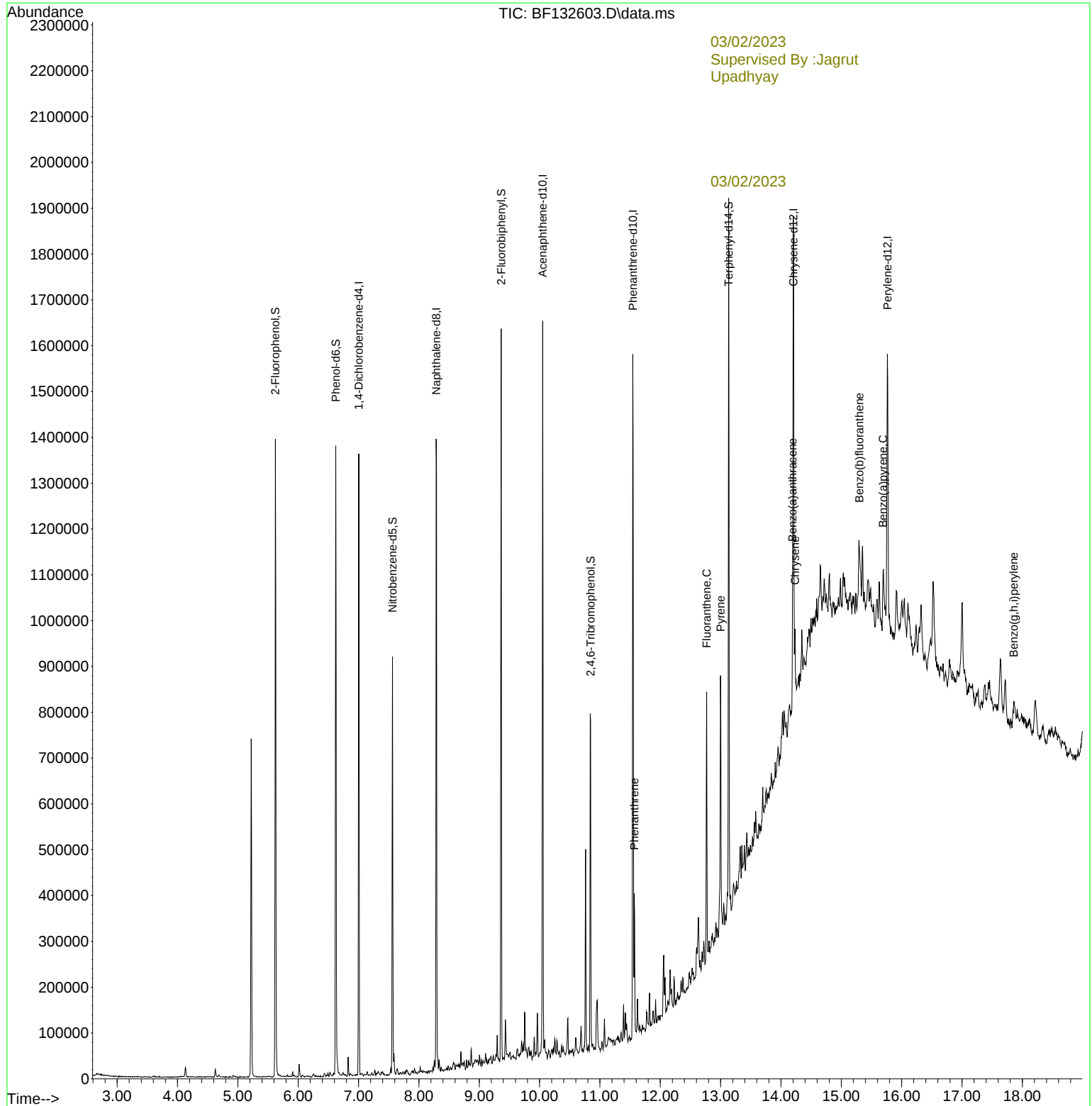
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
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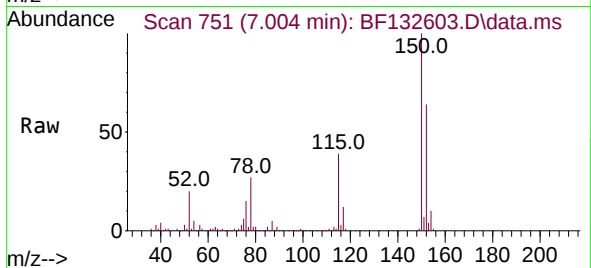
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Instrument :

BNA_F

ClientSampleId :

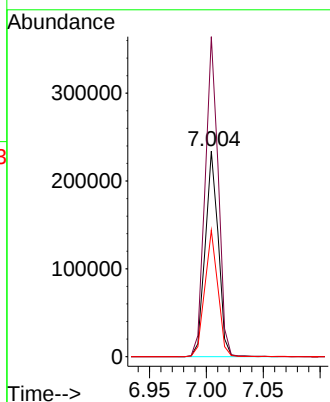
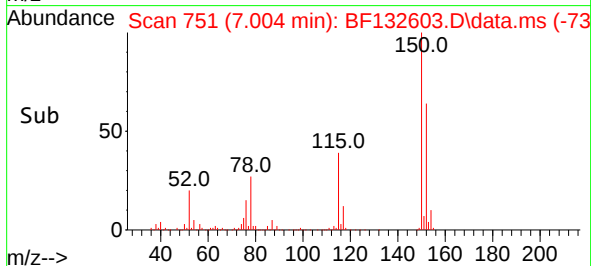
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Tgt Ion:152 Resp: 187443
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.2
115 61.5 47.8 71.6

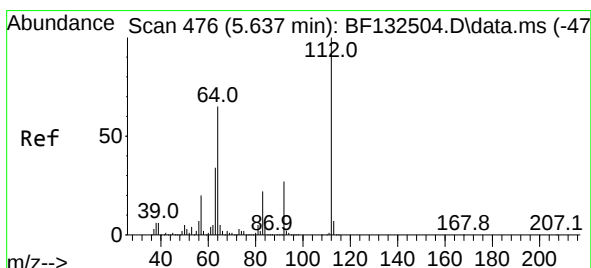
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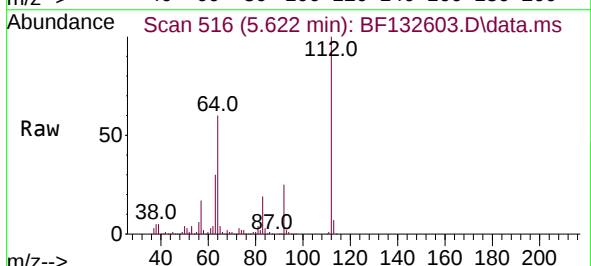


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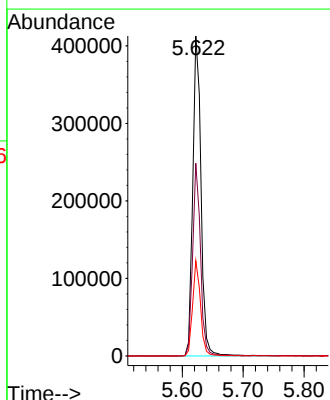
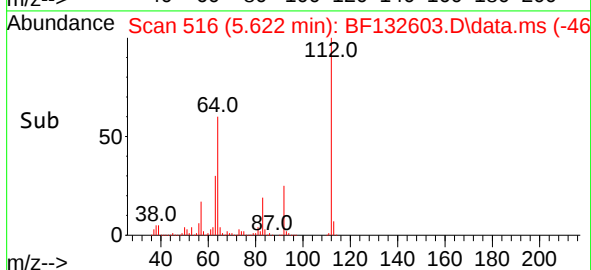
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#5
2-Fluorophenol
Concen: 33.653 ng
RT: 5.622 min Scan# 516
Delta R.T. -0.009 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30



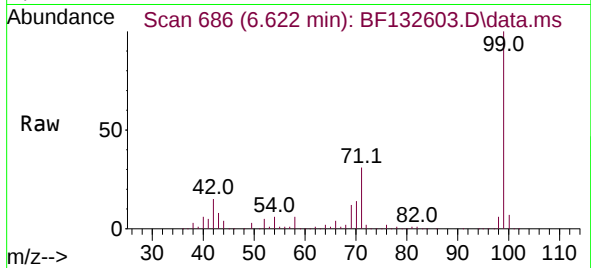
Tgt Ion:112 Resp: 388672
Ion Ratio Lower Upper
112 100
64 60.2 51.6 77.4
63 29.7 27.4 41.2





#7
Phenol-d6
Concen: 30.021 ng
RT: 6.622 min Scan# 686
Delta R.T. -0.015 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

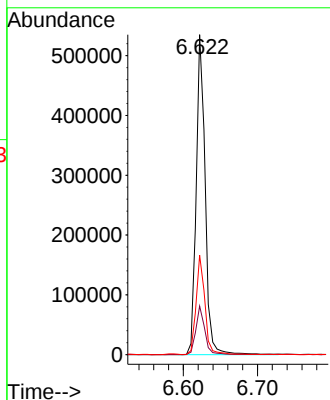
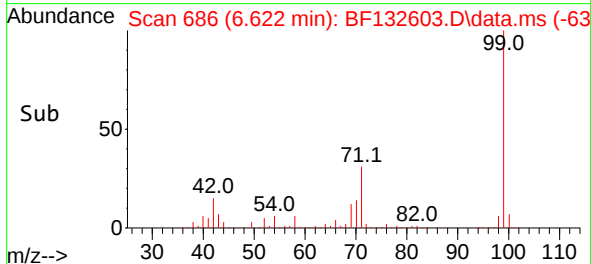
Instrument :
BNA_F
ClientSampleId :
OR-03-022723



Tgt Ion: 99 Resp: 452505
Ion Ratio Lower Upper
99 100
42 15.2 13.9 20.9
71 31.1 28.5 42.7

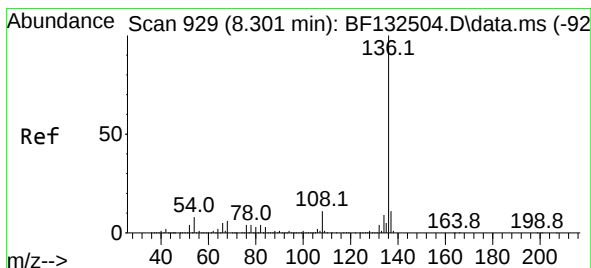
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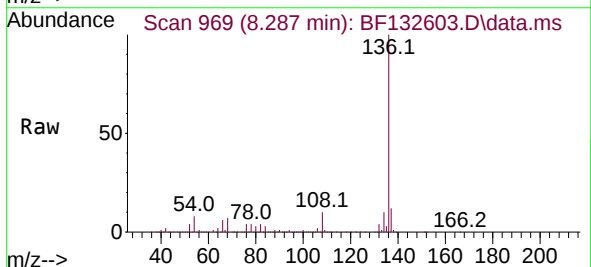


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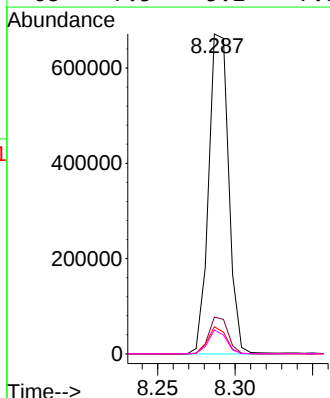
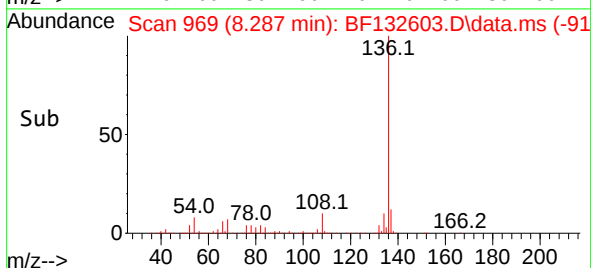
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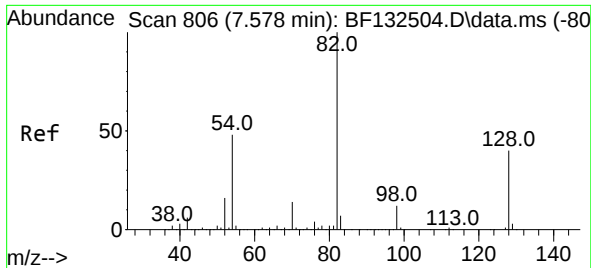


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30



Tgt Ion:136 Resp: 605196
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.5 6.2 9.4
68 7.5 5.2 7.8





#23
Nitrobenzene-d5
Concen: 20.211 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Instrument :

BNA_F

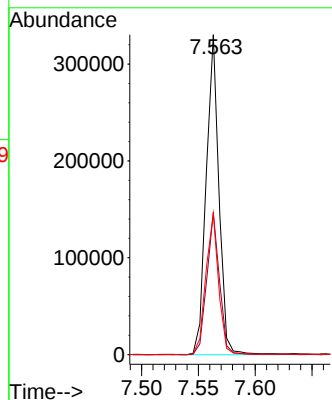
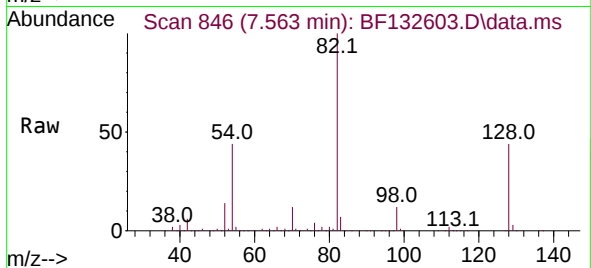
ClientSampleId :

OR-03-022723

Tgt Ion: 82 Resp: 257806
Ion Ratio Lower Upper
82 100
128 44.5 32.2 48.2
54 44.1 38.4 57.6

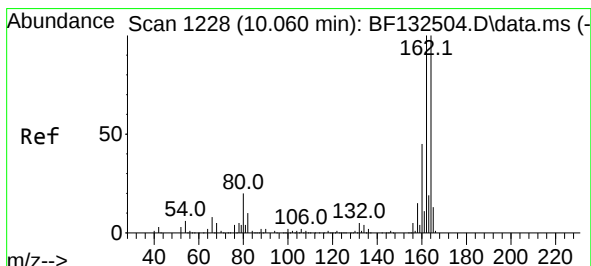
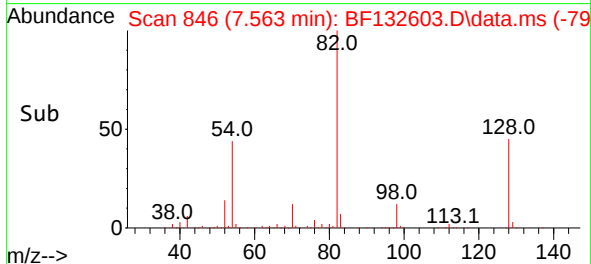
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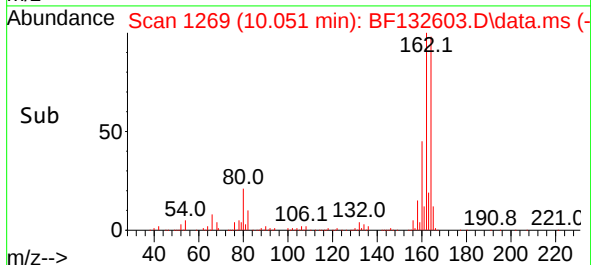
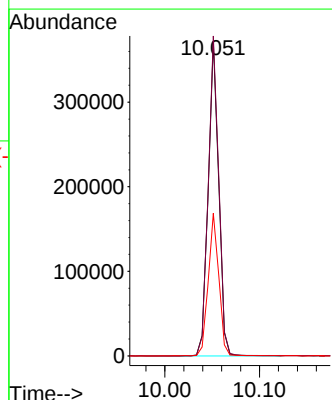
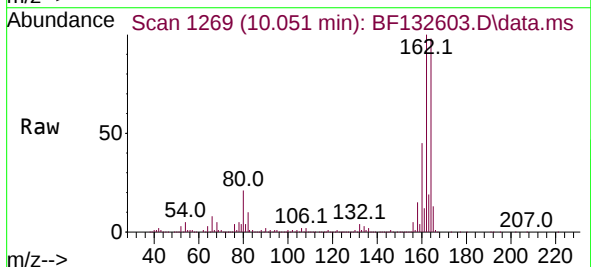
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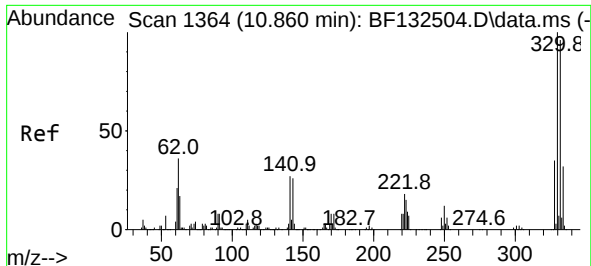
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Tgt Ion:164 Resp: 287869
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 45.3 35.8 53.6





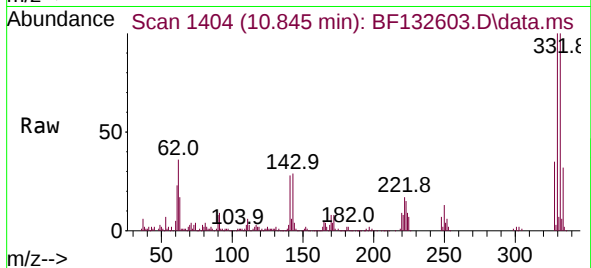
#42
2,4,6-Tribromophenol
Concen: 29.254 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Instrument :

BNA_F

ClientSampleId :

OR-03-022723

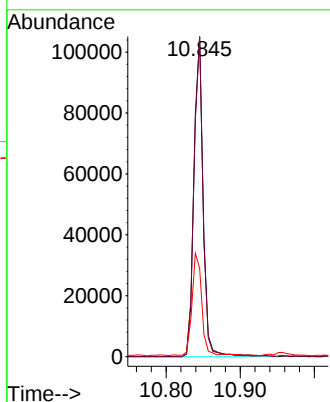
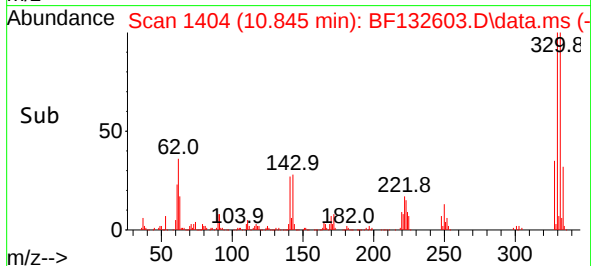


Tgt Ion: 330 Resp: 90947
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 34.3 28.4 42.6

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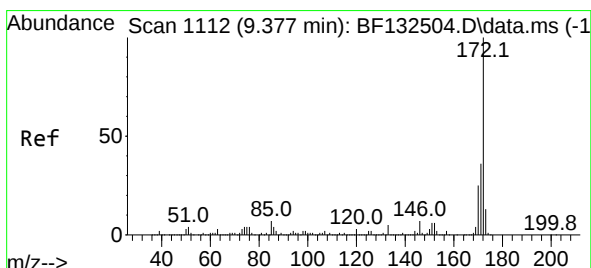
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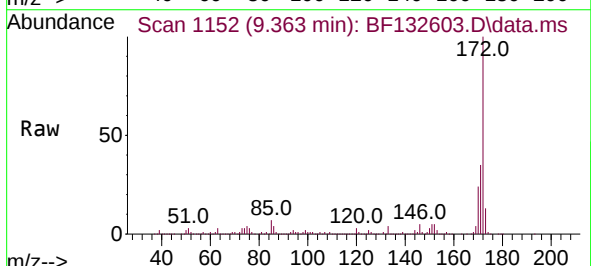


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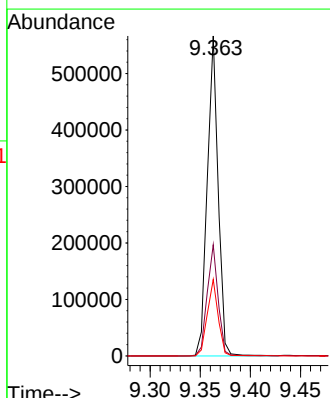
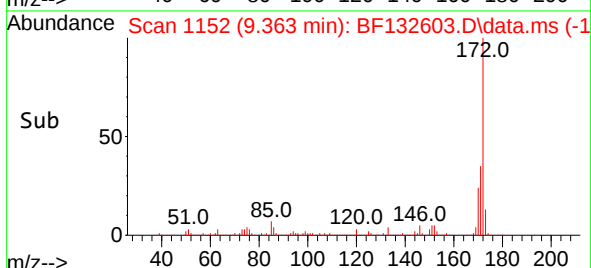
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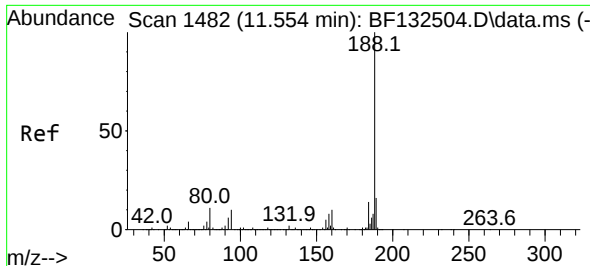


#45
2-Fluorobiphenyl
Concen: 22.479 ng
RT: 9.363 min Scan# 1152
Delta R.T. -0.009 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30



Tgt Ion: 172 Resp: 424982
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.9 19.7 29.5





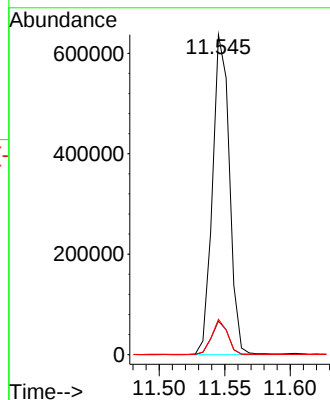
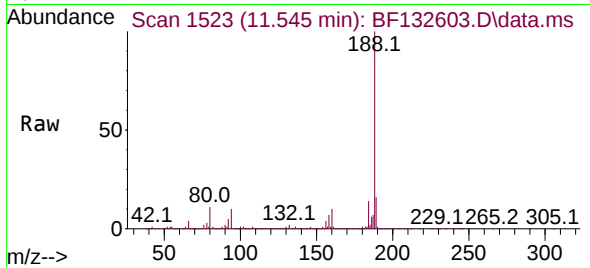
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Instrument :
BNA_F
ClientSampleId :
OR-03-022723

Tgt Ion:188 Resp: 571778
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.0 8.7 13.1

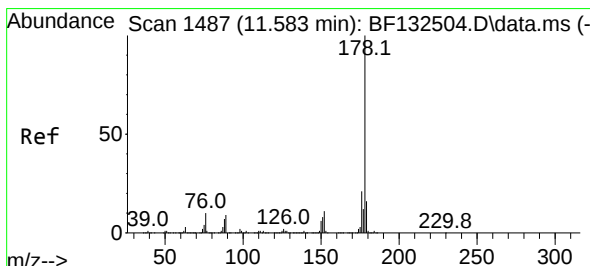
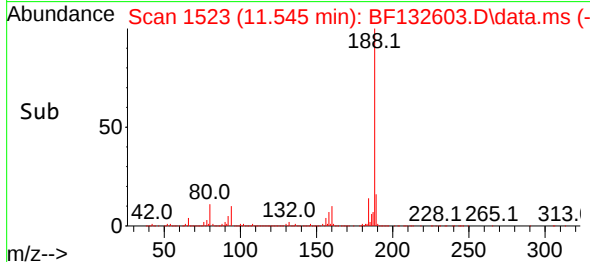
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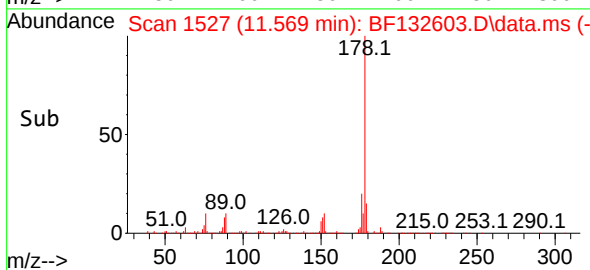
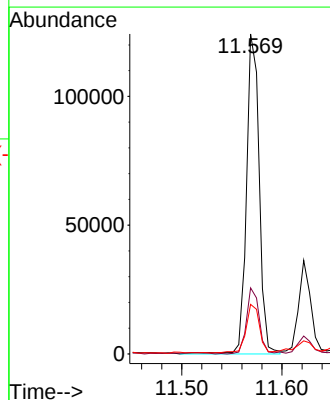
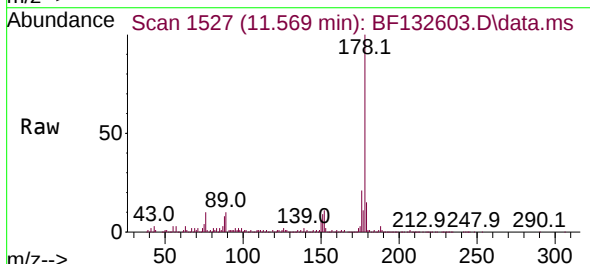
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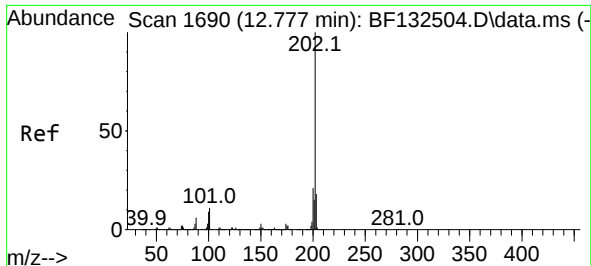
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#71
Phenanthrene
Concen: 3.682 ng
RT: 11.569 min Scan# 1527
Delta R.T. -0.009 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

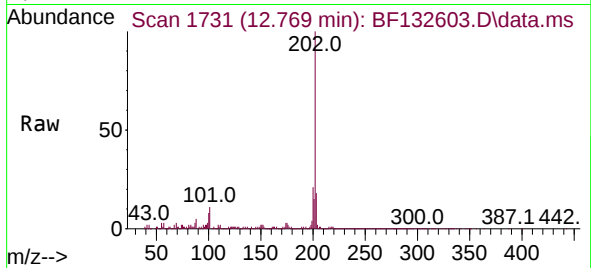
Tgt Ion:178 Resp: 109073
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 15.5 13.0 19.6





#75
Fluoranthene
Concen: 6.600 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

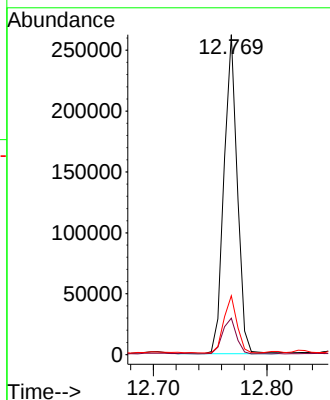
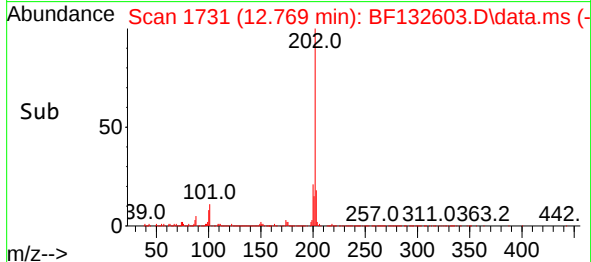
Instrument :
BNA_F
ClientSampleId :
OR-03-022723



Tgt Ion:202 Resp: 213728
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.4 0.0 38.0

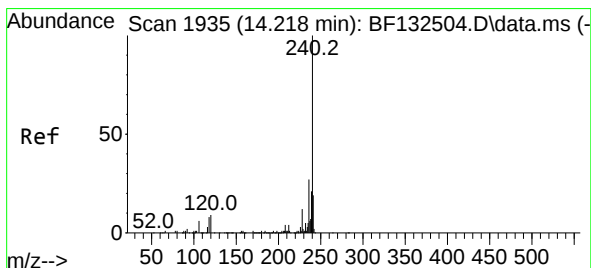
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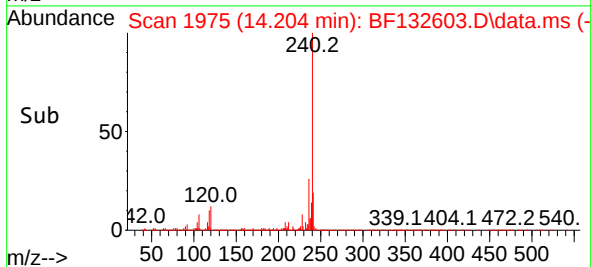
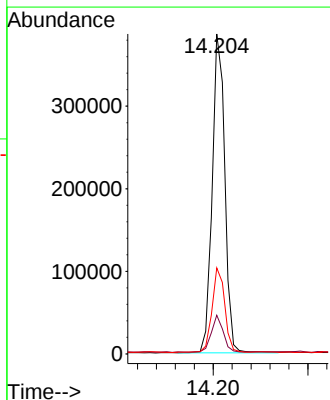
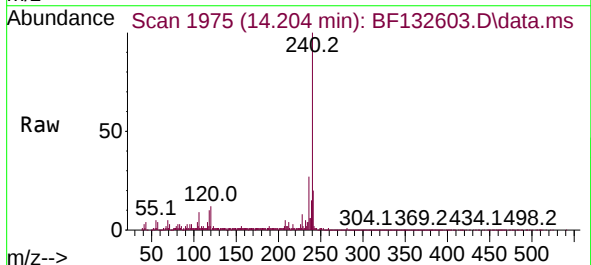
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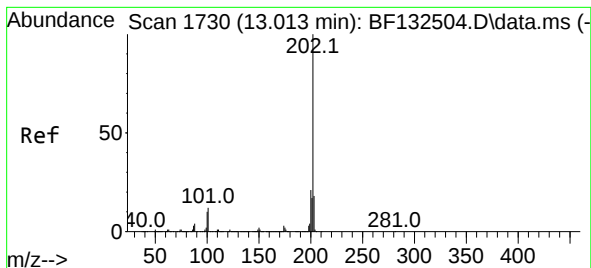
03/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Tgt Ion:240 Resp: 357431
Ion Ratio Lower Upper
240 100
120 12.1 7.2 10.8#
236 26.9 21.8 32.6





#78

Pyrene

Concen: 6.566 ng

RT: 12.998 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BF132603.D

Acq: 01 Mar 2023 21:30

Instrument :

BNA_F

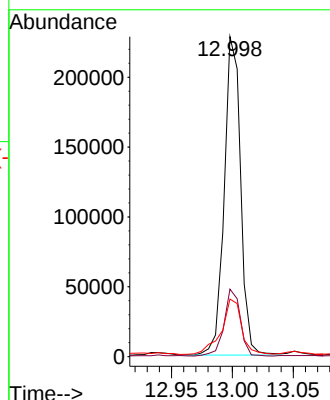
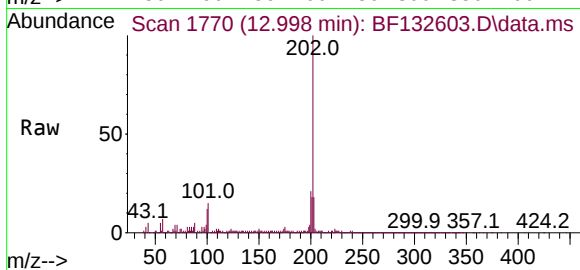
ClientSampleId :

OR-03-022723

Tgt Ion:202 Resp: 213362
 Ion Ratio Lower Upper
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 200 21.1 17.1 25.7
 203 18.0 14.6 21.8

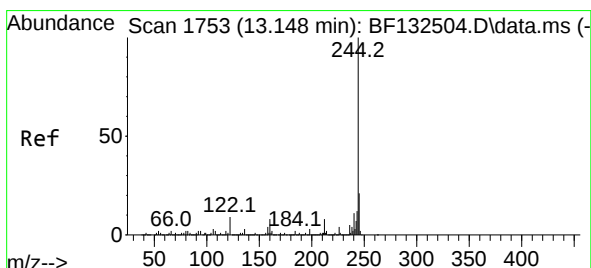
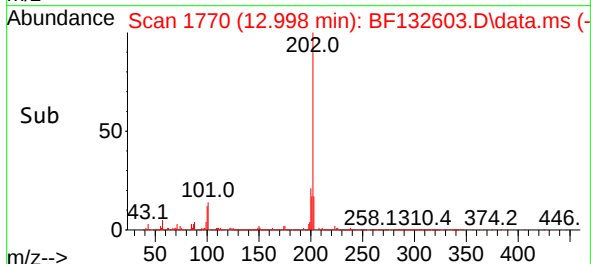
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 Upadhyay

03/02/2023



#79

Terphenyl-d14

Concen: 24.718 ng

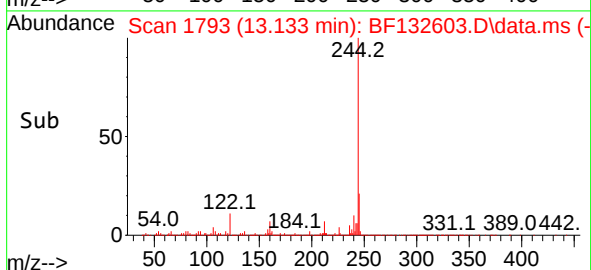
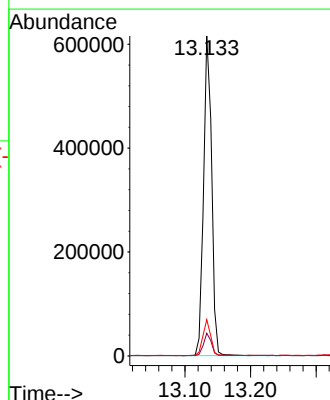
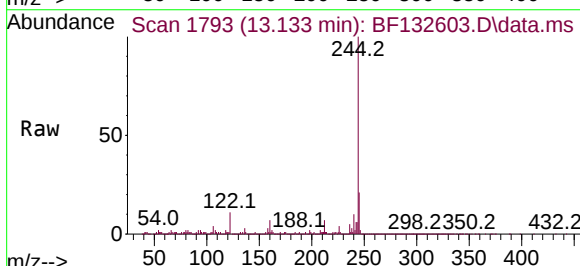
RT: 13.133 min Scan# 1793

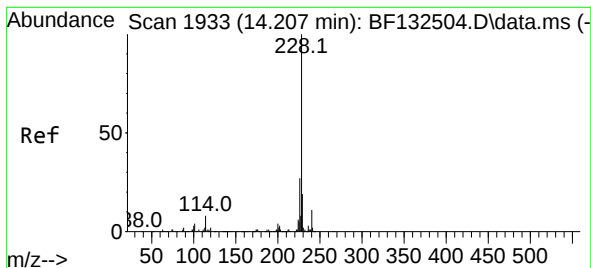
Delta R.T. -0.009 min

Lab File: BF132603.D

Acq: 01 Mar 2023 21:30

Tgt Ion:244 Resp: 522539
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 11.3 7.5 11.3#





#81

Benzo(a)anthracene

Concen: 2.951 ng

RT: 14.192 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BF132603.D

Acq: 01 Mar 2023 21:30

Instrument :

BNF

ClientSampleId :

OR-03-022723

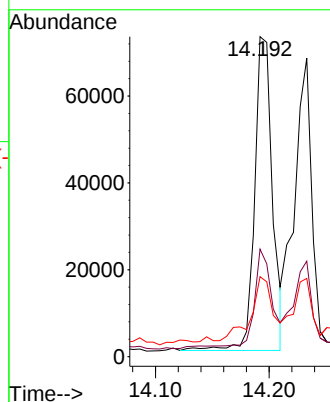
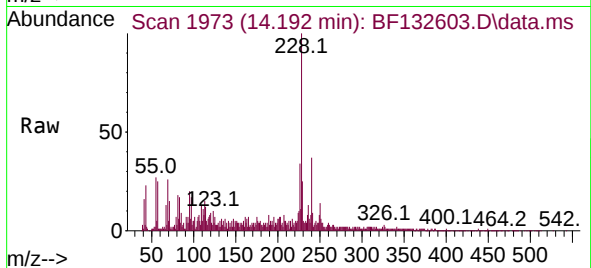
Tgt Ion:228 Resp: 78924
 Ion Ratio Lower Upper
 228 100
 226 33.6 21.7 32.5
 229 25.0 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

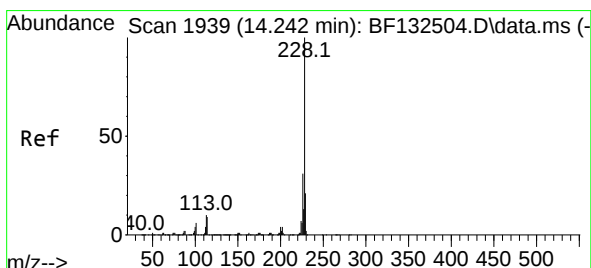
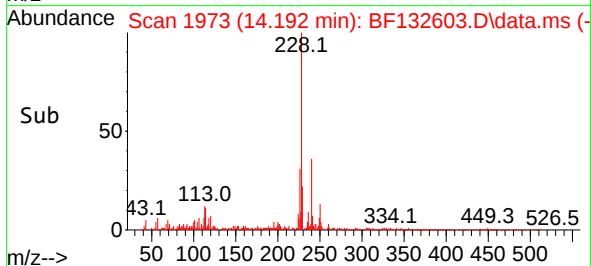
Supervised By :Jagrut Upadhyay 03/02/2023



03/02/2023

Supervised By :Jagrut Upadhyay

03/02/2023



#83

Chrysene

Concen: 2.891 ng

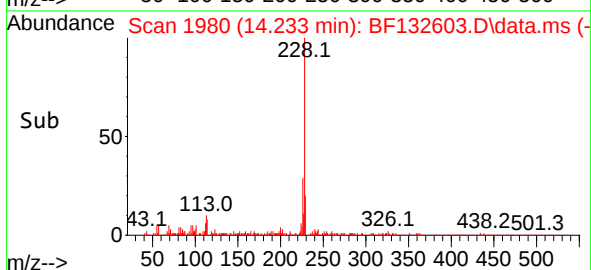
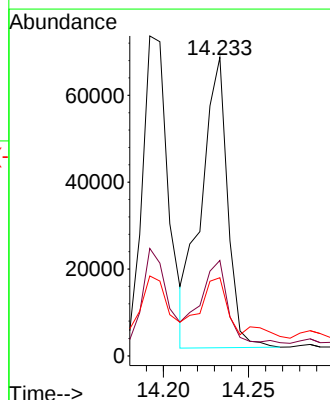
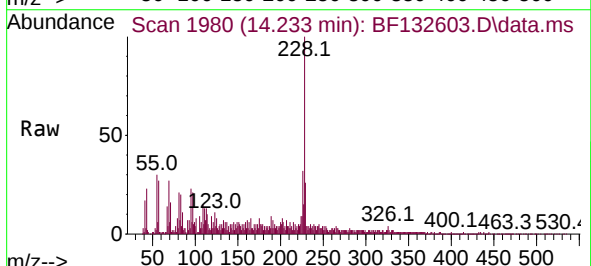
RT: 14.233 min Scan# 1980

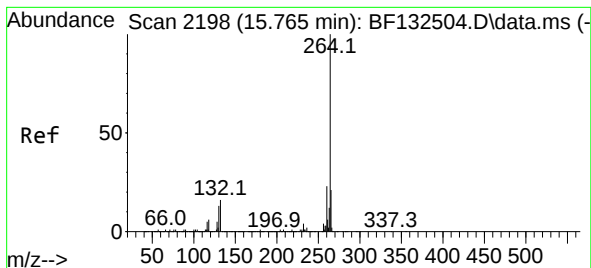
Delta R.T. -0.003 min

Lab File: BF132603.D

Acq: 01 Mar 2023 21:30

Tgt Ion:228 Resp: 72300
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 26.2 16.4 24.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.762 min Scan# 2198

Delta R.T. 0.009 min

Lab File: BF132603.D

Acq: 01 Mar 2023 21:30

Instrument :

BNA_F

ClientSampleId :

OR-03-022723

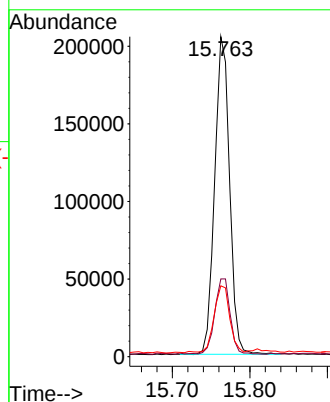
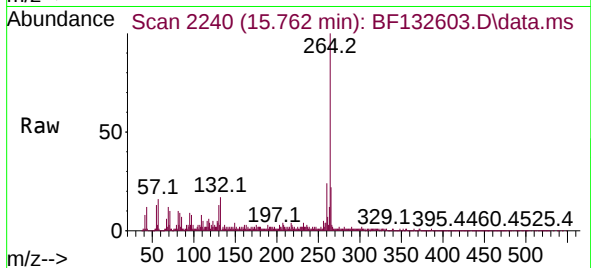
Tgt Ion:264	Resp:	273363
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.8 28.2
265	22.1	17.1 25.7

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

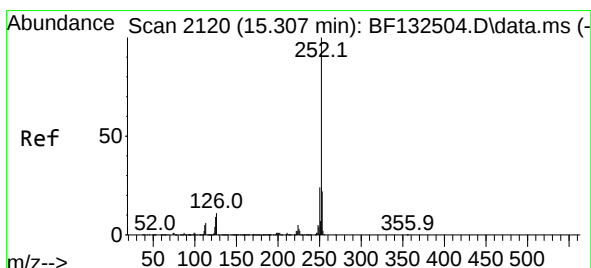
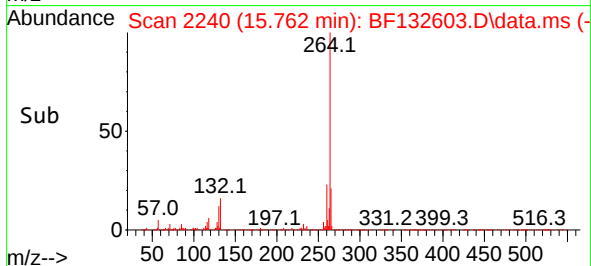
Supervised By :Jagrut Upadhyay 03/02/2023



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03/02/2023



#88

Benzo(b)fluoranthene

Concen: 3.891 ng m

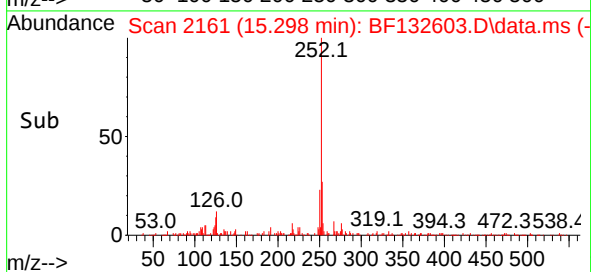
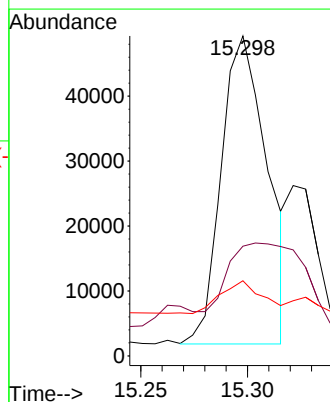
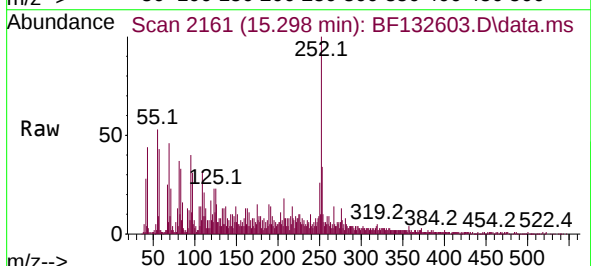
RT: 15.298 min Scan# 2161

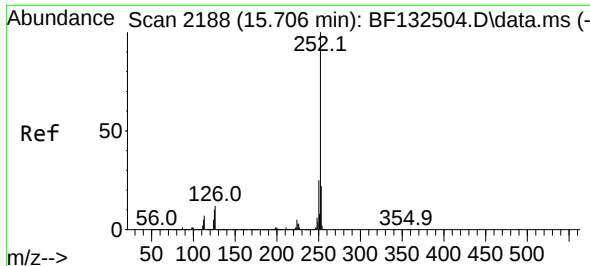
Delta R.T. 0.003 min

Lab File: BF132603.D

Acq: 01 Mar 2023 21:30

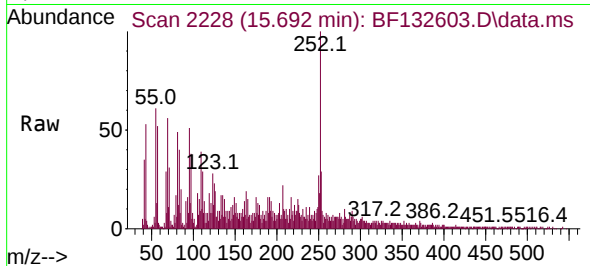
Tgt Ion:252	Resp:	71290
Ion Ratio	Lower	Upper
252	100	
253	34.3	17.4 26.0#
125	23.5	7.0 10.6#





#90
Benzo(a)pyrene
Concen: 2.907 ng
RT: 15.692 min Scan# 2188
Delta R.T. 0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

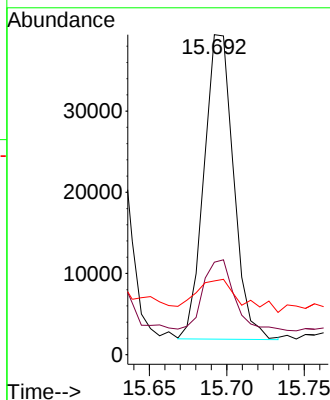
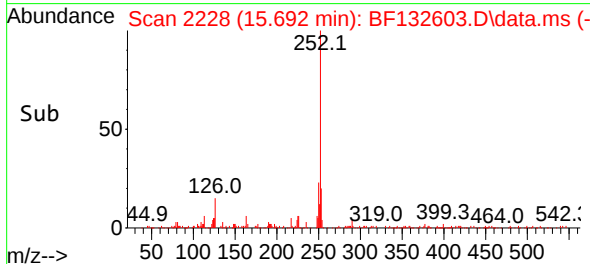
Instrument :
BNA_F
ClientSampleId :
OR-03-022723



Tgt Ion:252 Resp: 49839
Ion Ratio Lower Upper
252 100
253 28.9 17.2 25.8#
125 23.0 8.0 12.0#

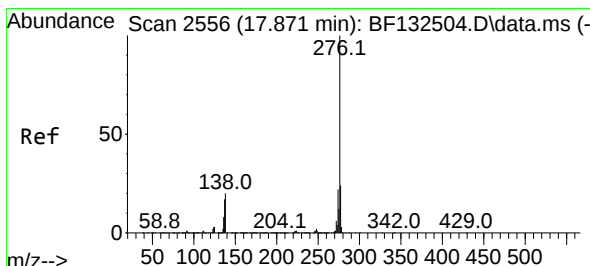
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023



03/02/2023
Supervised By :Jagrut
Upadhyay

03/02/2023



#92
Benzo(g,h,i)perylene
Concen: 3.437 ng
RT: 17.856 min Scan# 2596
Delta R.T. 0.003 min
Lab File: BF132603.D
Acq: 01 Mar 2023 21:30

Tgt Ion:276 Resp: 31103
Ion Ratio Lower Upper
276 100
277 35.0 18.9 28.3#
138 29.2 16.2 24.4#

