

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131791.D
 Acq On : 22 Dec 2022 22:57
 Operator : CG\JU
 Sample : N6180-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 03:36:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78222	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	274402	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	142224	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	222663	20.000	ng	0.00
76) Chrysene-d12	14.051	240	151644	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	135390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	511833	110.182	ng	0.01
7) Phenol-d6	6.487	99	658866	105.377	ng	0.00
23) Nitrobenzene-d5	7.422	82	463178	68.525	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	138706	89.103	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	729757	71.877	ng	0.00
79) Terphenyl-d14	12.992	244	561052	57.662	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.616	202	38008	2.811	ng	99
78) Pyrene	12.845	202	38002	2.756	ng	99
88) Benzo(b)fluoranthene	15.098	252	24898m	2.599	ng	
90) Benzo(a)pyrene	15.474	252	17633	2.324	ng	# 81

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

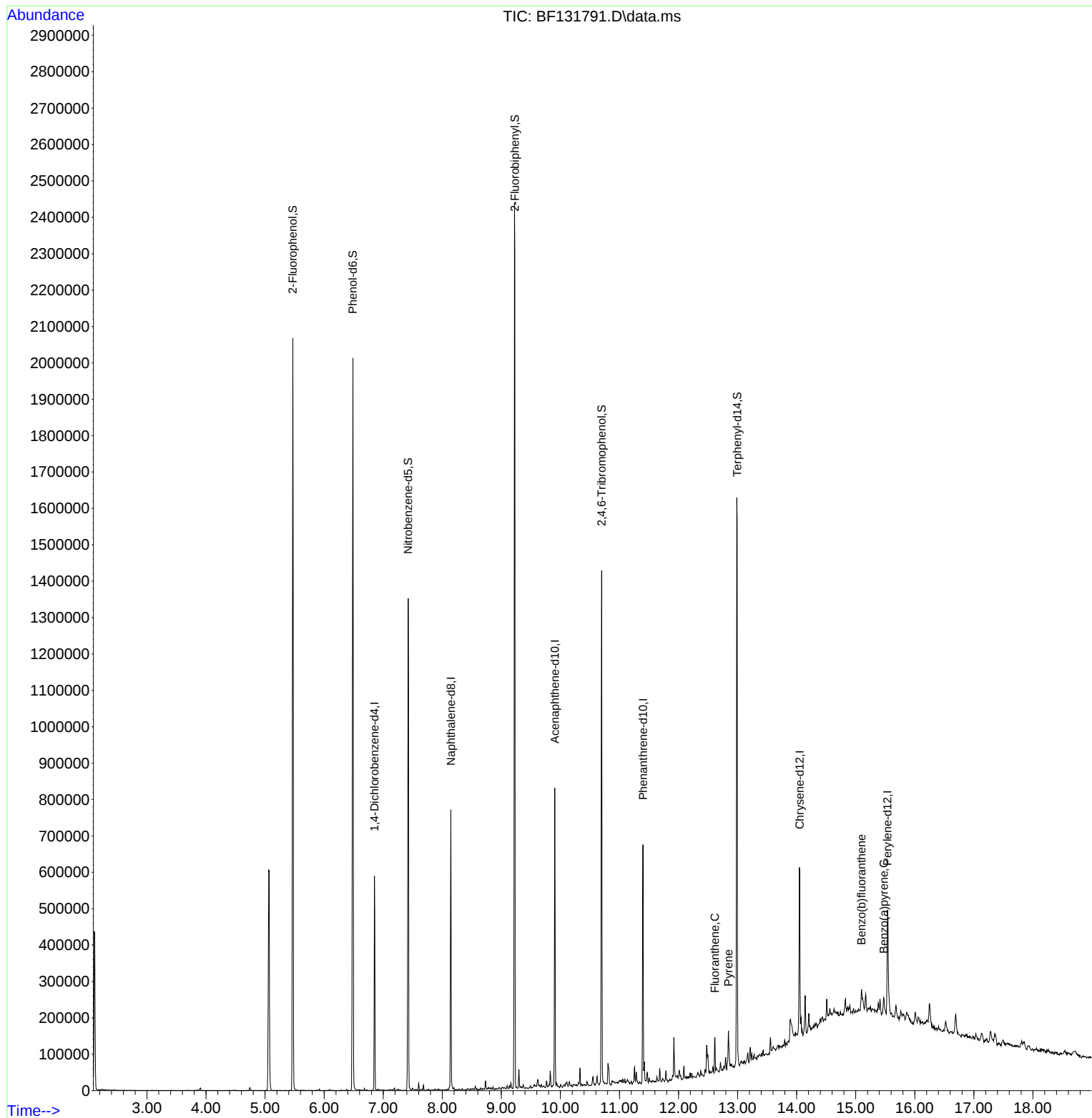
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131791.D
Acq On : 22 Dec 2022 22:57
Operator : CG\JU
Sample : N6180-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

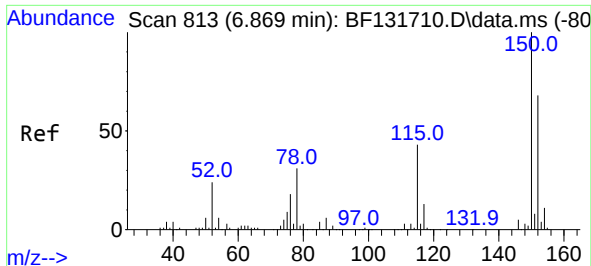
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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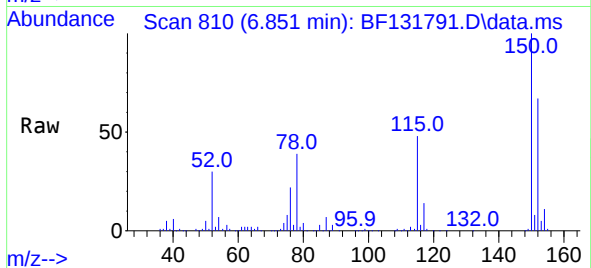
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Supervised By :Jagrut Upadhyay 12/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

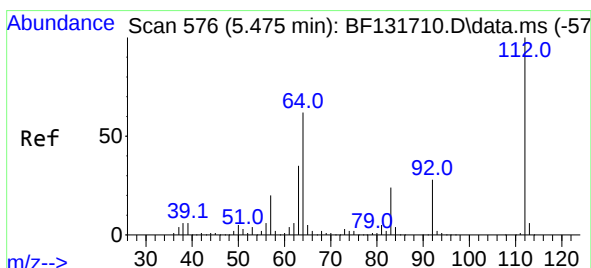
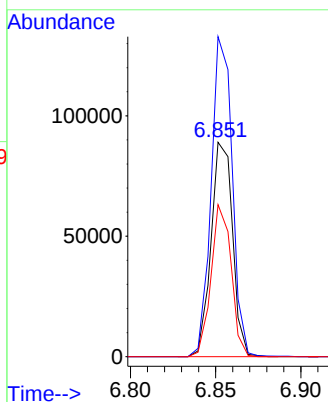
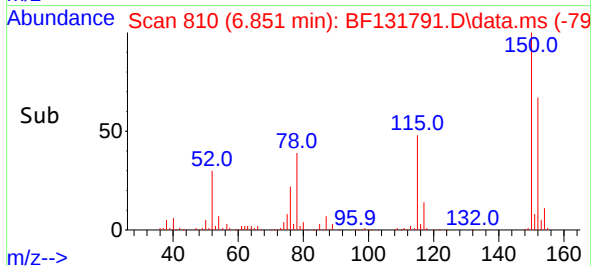
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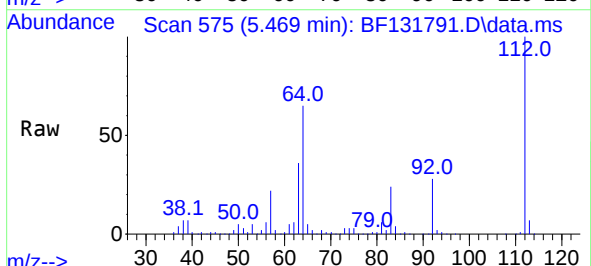
Tgt Ion:152 Resp: 7822
Ion Ratio Lower Upper
152 100
150 149.2 117.4 176.0
115 70.9 50.2 75.4

Manual Integrations
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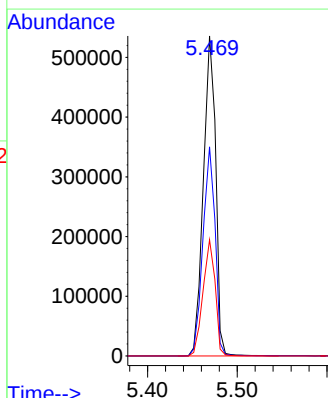
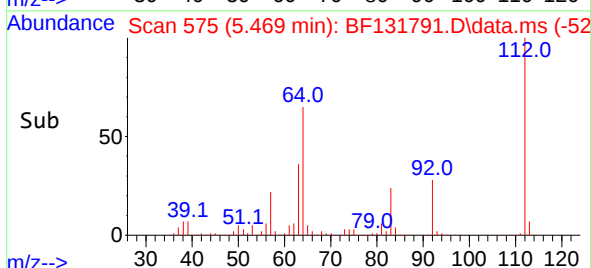
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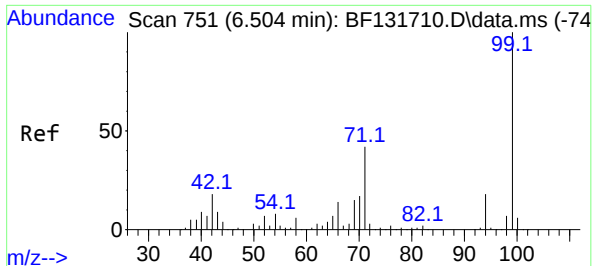


#5
2-Fluorophenol
Concen: 110.182 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57



Tgt Ion:112 Resp: 511833
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 36.3 28.2 42.2





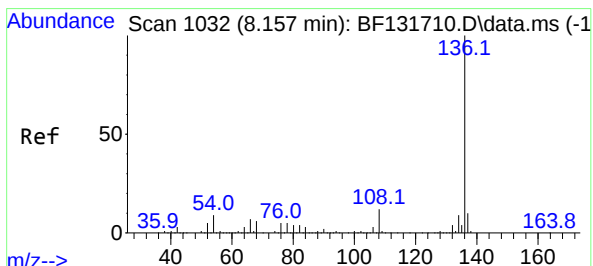
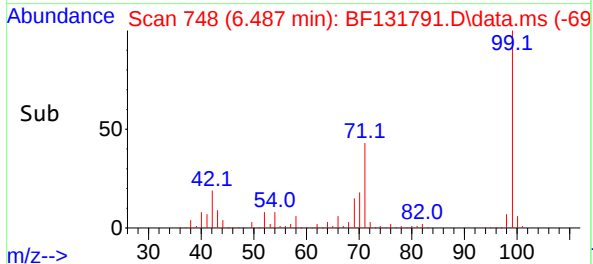
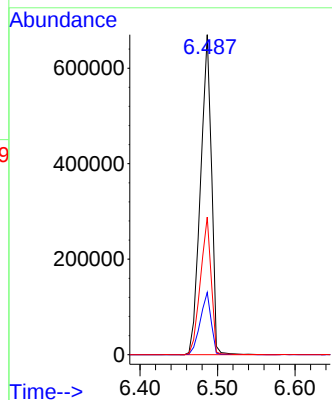
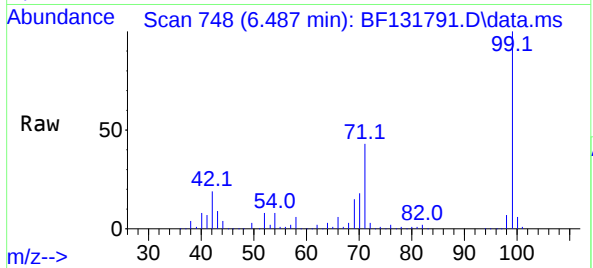
#7
Phenol-d6
Concen: 105.377 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 658860
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 43.0 33.8 50.6

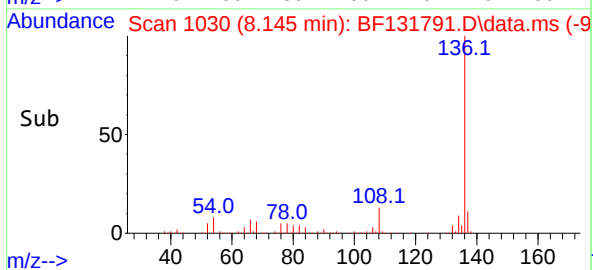
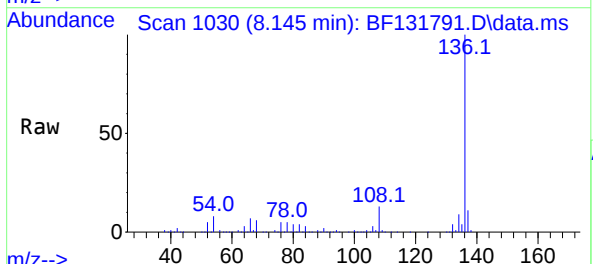
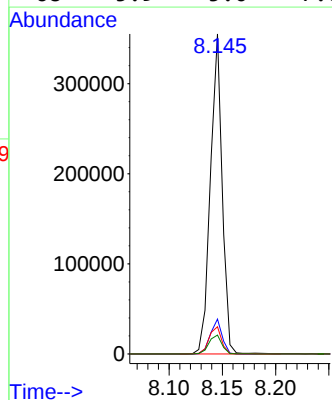
Manual Integrations
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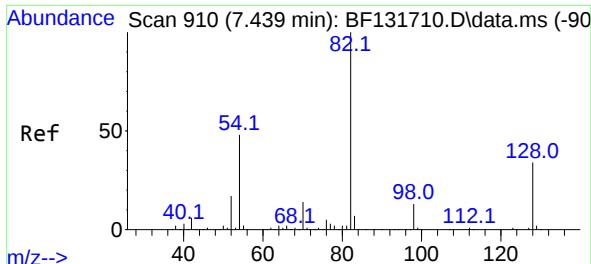
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Supervised By :Jagrut Upadhyay 12/24/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Tgt Ion:136 Resp: 274402
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 7.2 10.8
68 5.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 68.525 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

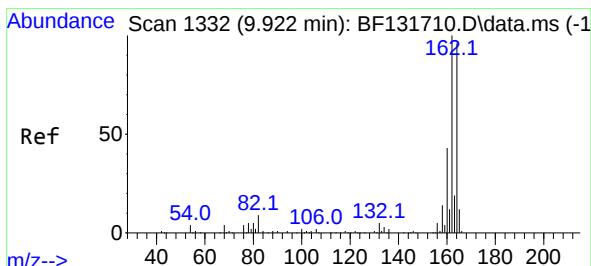
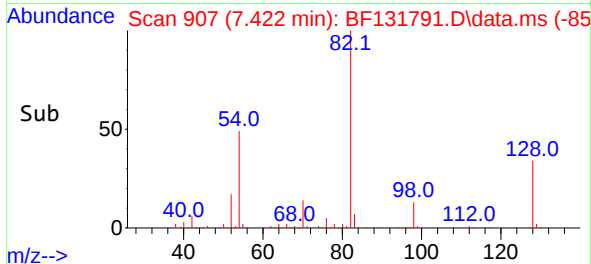
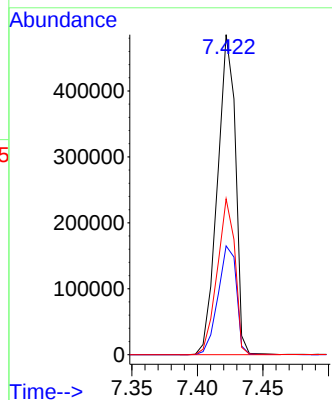
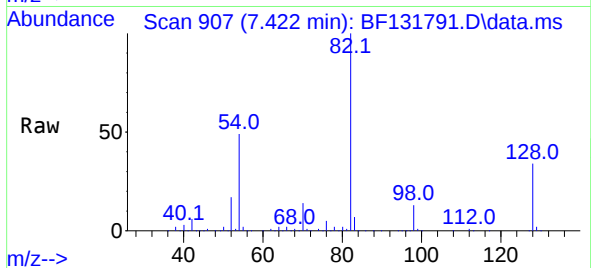
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Tgt Ion: 82 Resp: 463178
Ion Ratio Lower Upper
82 100
128 34.0 27.3 40.9
54 48.7 38.2 57.2

Manual Integrations

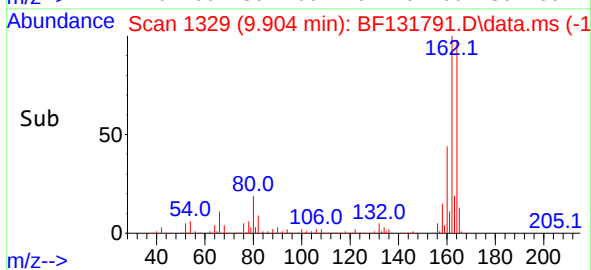
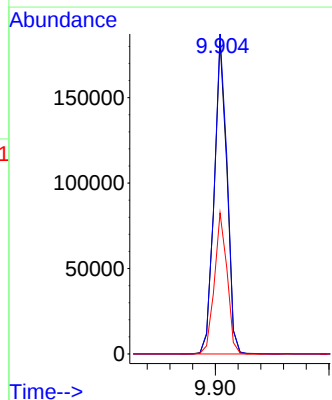
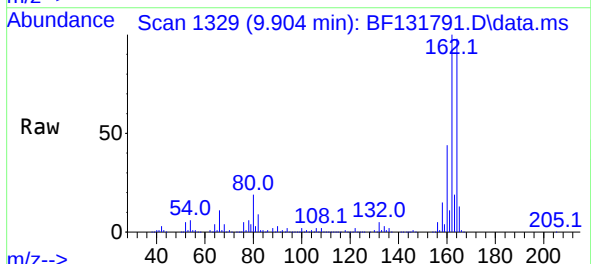
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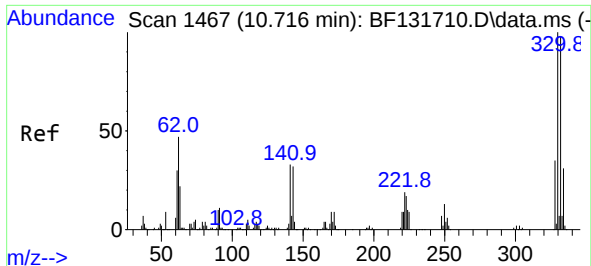
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Tgt Ion:164 Resp: 142224
Ion Ratio Lower Upper
164 100
162 102.2 83.7 125.5
160 45.1 36.2 54.4





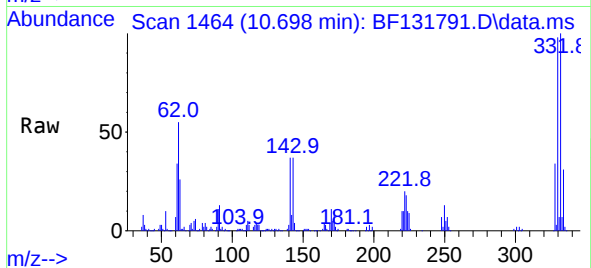
#42
2,4,6-Tribromophenol
Concen: 89.103 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

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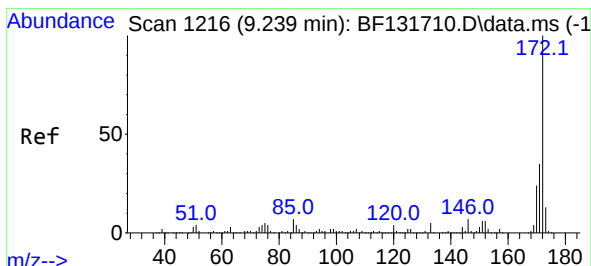
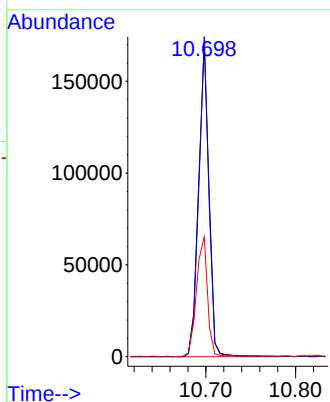
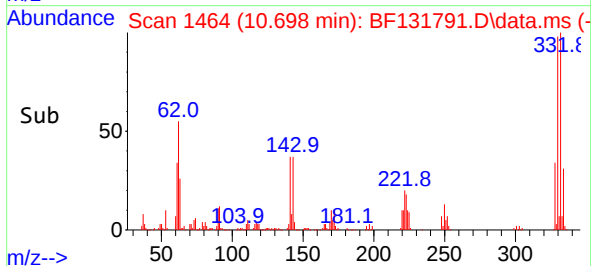


Tgt Ion: 330 Resp: 138700
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 40.9 30.4 45.6

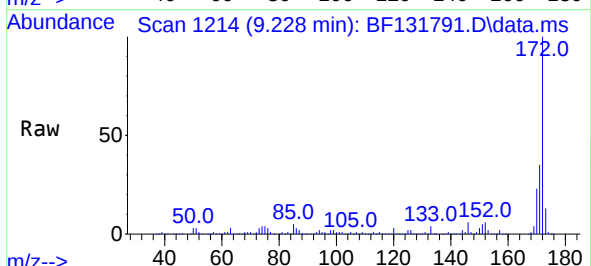
Manual Integrations

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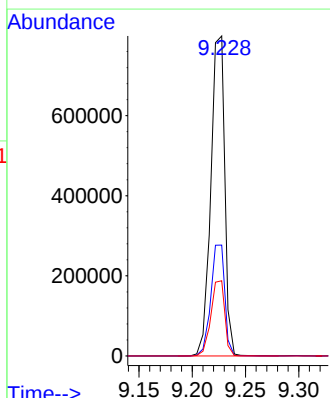
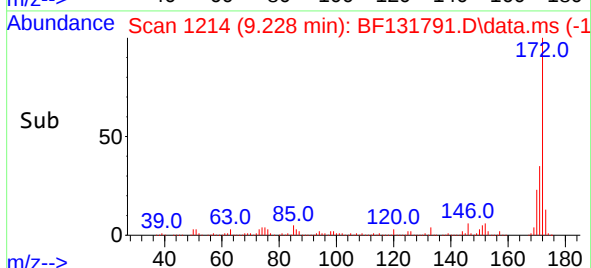
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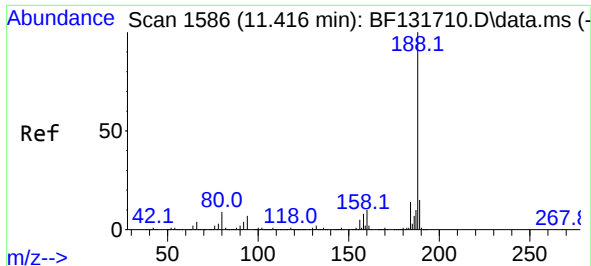


#45
2-Fluorobiphenyl
Concen: 71.877 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57



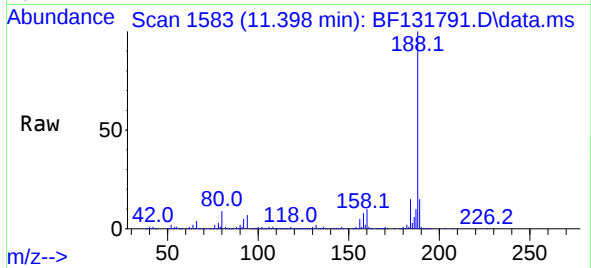
Tgt Ion: 172 Resp: 729757
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

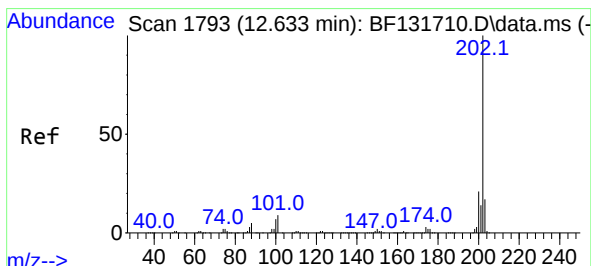
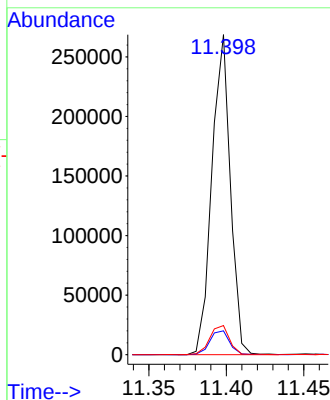
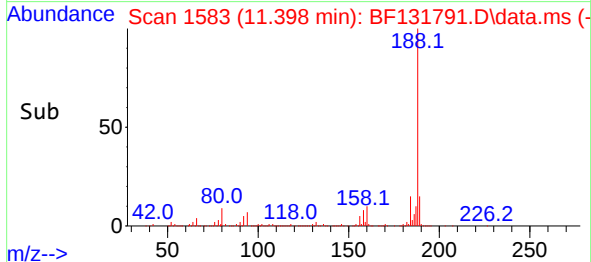
Instrument :
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ClientSampleId :
COMP-3050



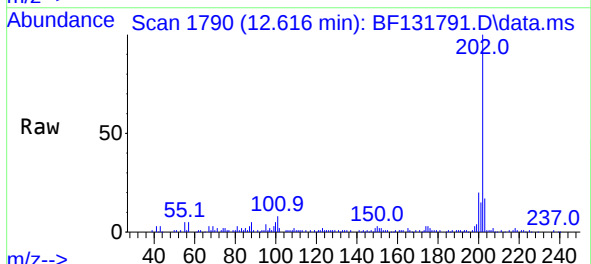
Tgt Ion:188 Resp: 22266
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 9.1 7.0 10.6

Manual Integrations
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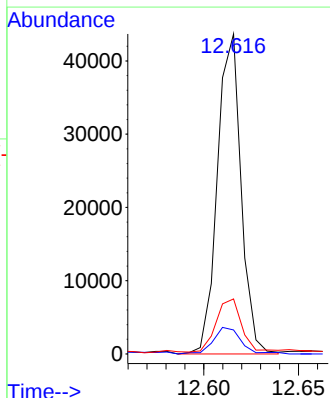
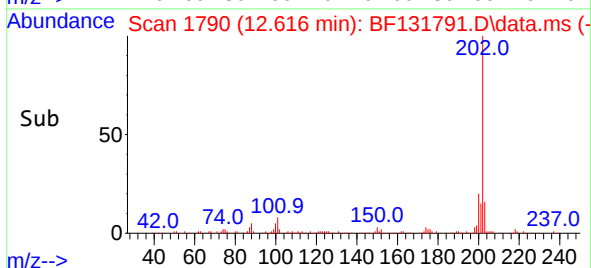
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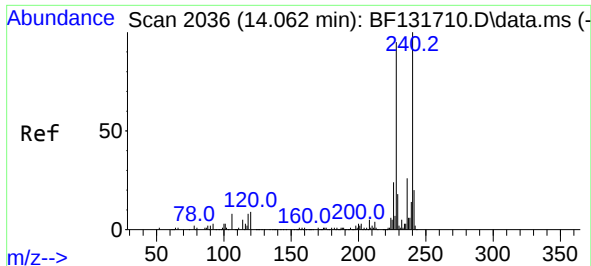


#75
Fluoranthene
Concen: 2.811 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57



Tgt Ion:202 Resp: 38008
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 17.2 0.0 37.1





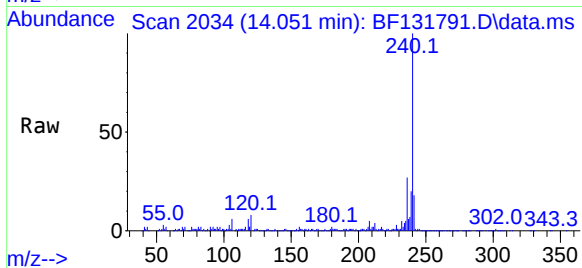
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Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

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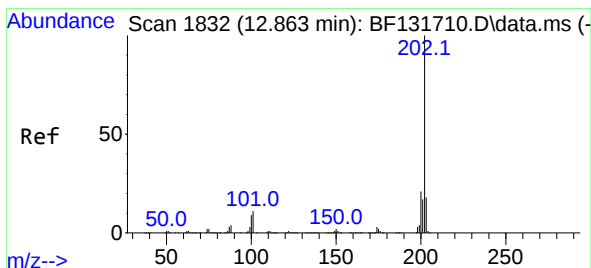
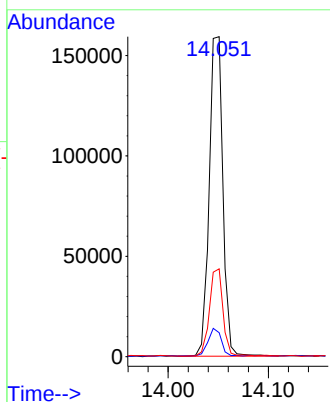
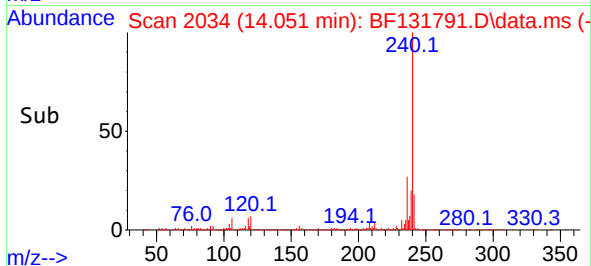


Tgt Ion:240 Resp: 151644
Ion Ratio Lower Upper
240 100
120 7.5 7.6 11.4
236 27.4 21.2 31.8

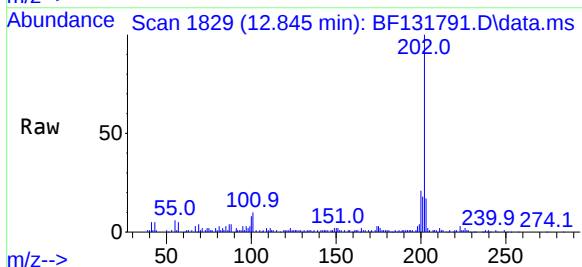
Manual Integrations

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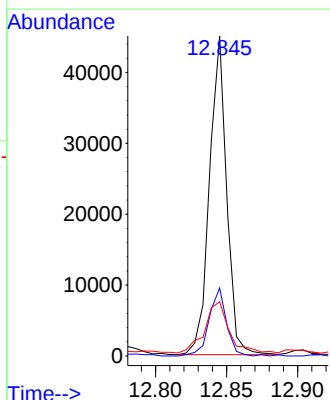
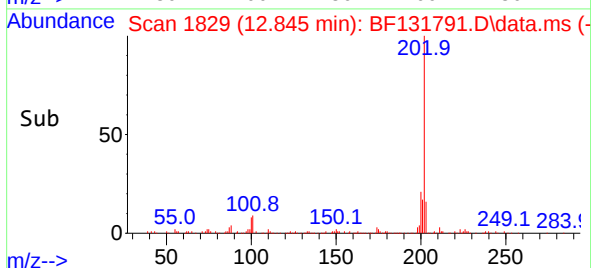
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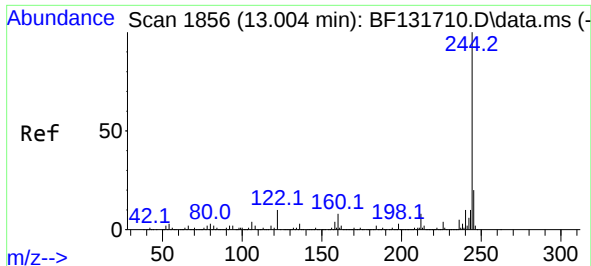


#78
Pyrene
Concen: 2.756 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57



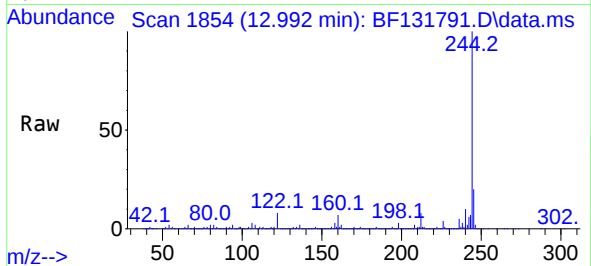
Tgt Ion:202 Resp: 38002
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 16.9 14.1 21.1





#79
Terphenyl-d14
Concen: 57.662 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

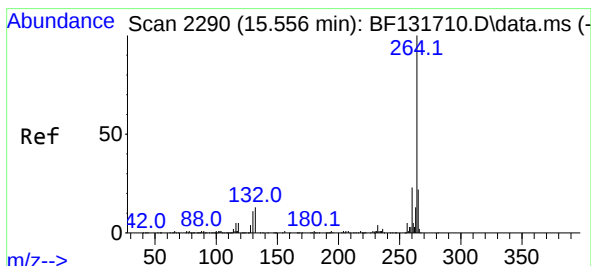
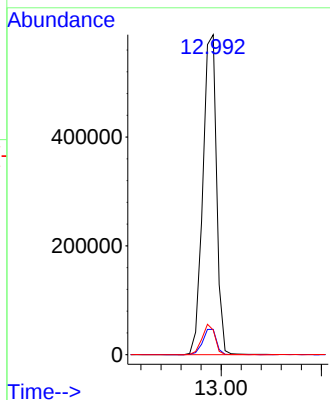
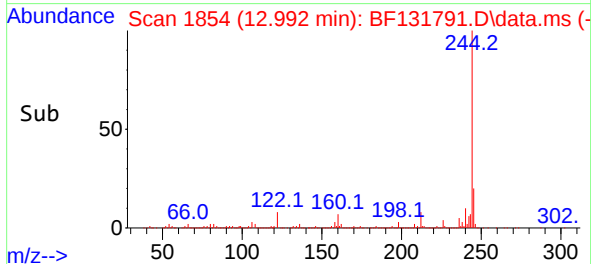
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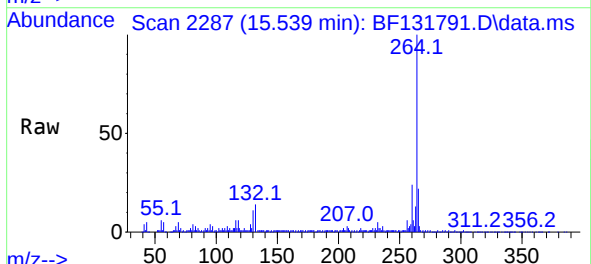
Tgt Ion:244 Resp: 561052
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 7.7 7.7 11.5

Manual Integrations
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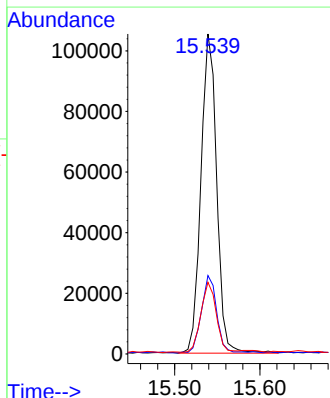
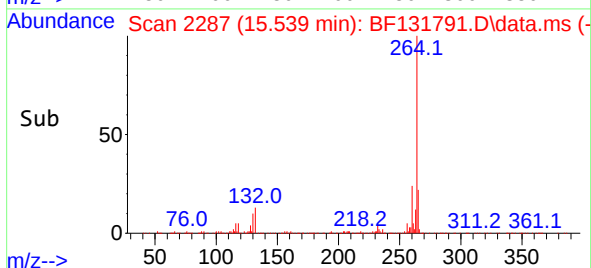
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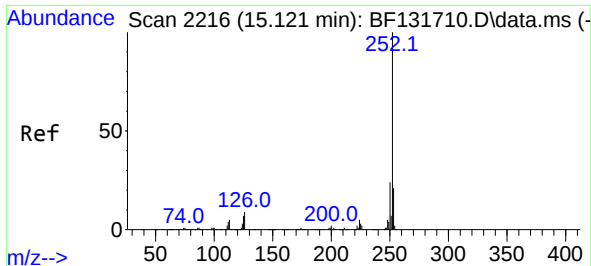


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57



Tgt Ion:264 Resp: 135390
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.599 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

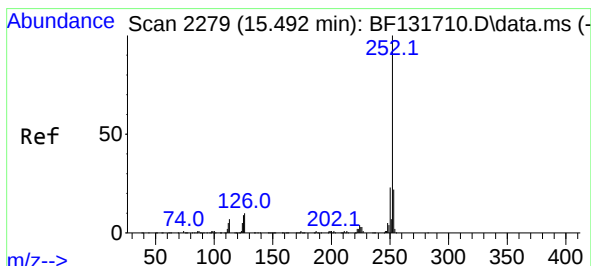
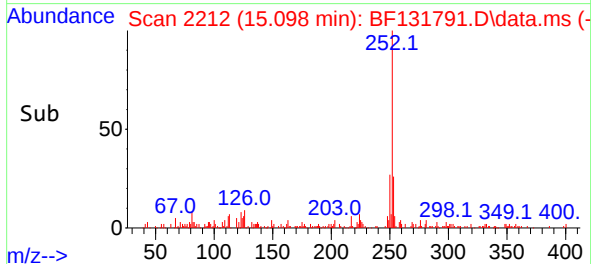
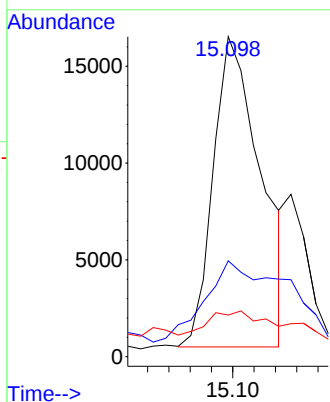
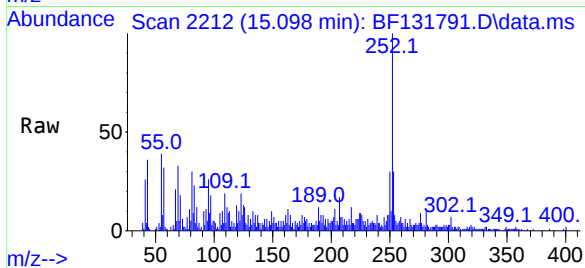
COMP-3050

Tgt Ion:252 Resp: 2489
Ion Ratio Lower Upper
252 100
253 29.9 17.2 25.8
125 13.0 5.5 8.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#90
Benzo(a)pyrene
Concen: 2.324 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF131791.D
Acq: 22 Dec 2022 22:57

Tgt Ion:252 Resp: 17633
Ion Ratio Lower Upper
252 100
253 29.3 17.5 26.3#
125 18.4 7.0 10.4#

