

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131884.D
 Acq On : 29 Dec 2022 18:23
 Operator : CG\JU
 Sample : N6228-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Dec 30 02:11:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2022
 Supervised By :Yogesh Patel 12/30/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	70314	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	246354	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	119500	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	192225	20.000	ng	0.00
76) Chrysene-d12	14.010	240	131997	20.000	ng	0.00
86) Perylene-d12	15.492	264	116865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	461735	108.826	ng	0.01
7) Phenol-d6	6.451	99	601020	107.818	ng	0.00
23) Nitrobenzene-d5	7.387	82	442285	71.679	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	123776	95.332	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	651308	74.654	ng	0.00
79) Terphenyl-d14	12.951	244	476809	61.102	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	24918	2.357	ng	98
75) Fluoranthene	12.574	202	41756	3.391	ng	99
78) Pyrene	12.804	202	40043	3.619	ng	99
81) Benzo(a)anthracene	13.998	228	19919	2.084	ng	95
88) Benzo(b)fluoranthene	15.057	252	18373m	2.144	ng	
90) Benzo(a)pyrene	15.427	252	13531	2.040	ng	# 94
92) Benzo(g,h,i)perylene	17.415	276	8063	6.246	ng	# 90

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

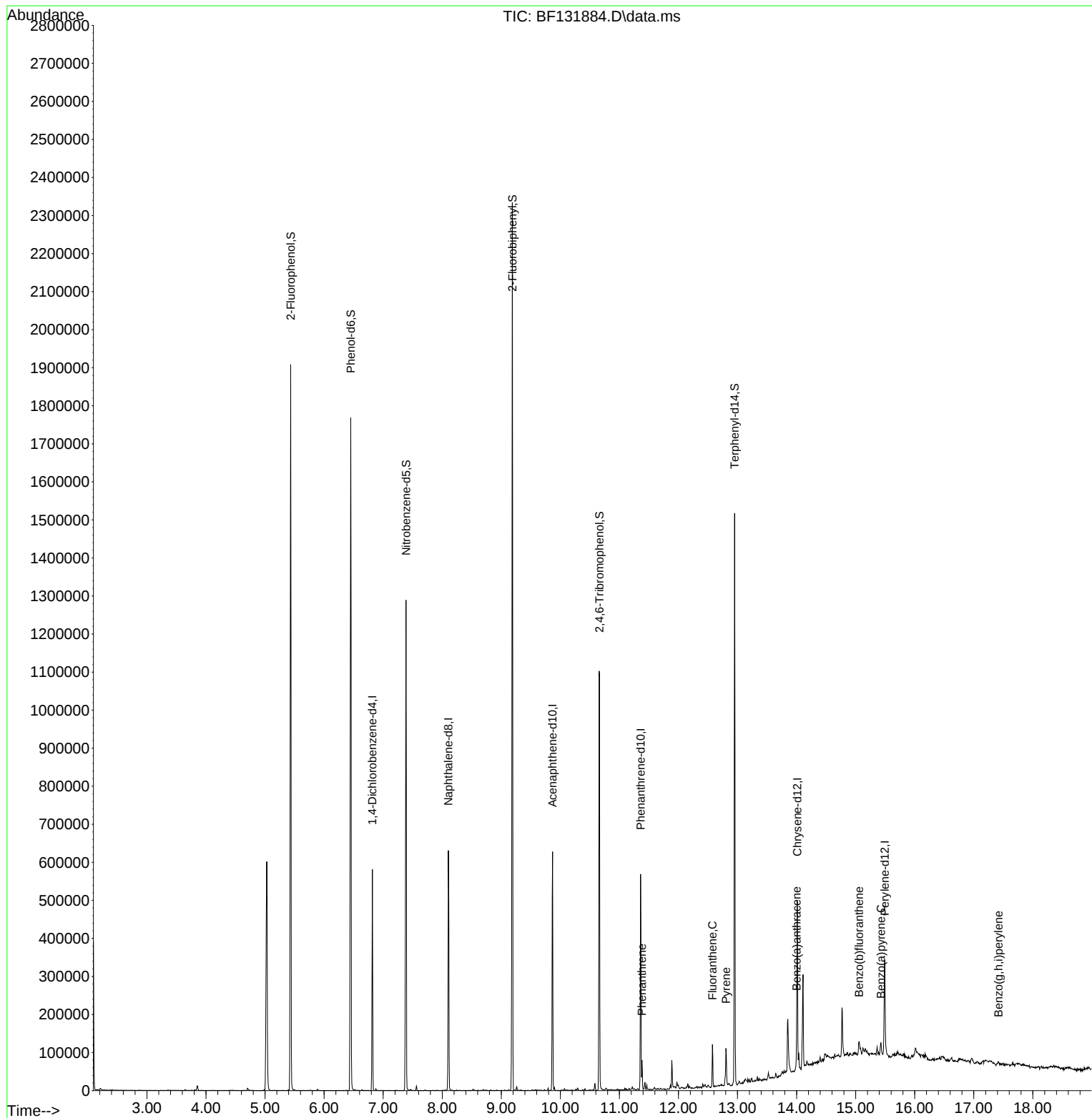
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131884.D
Acq On : 29 Dec 2022 18:23
Operator : CG\JU
Sample : N6228-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

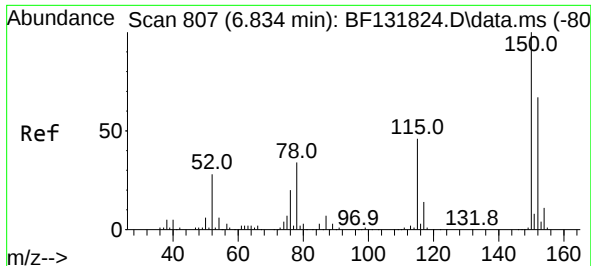
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Dec 30 02:11:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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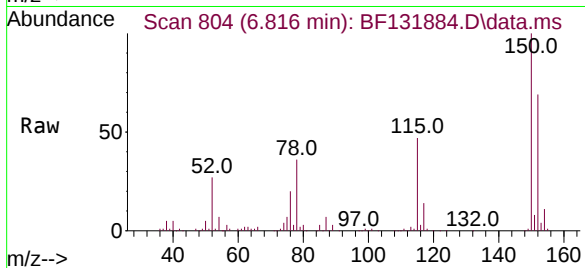
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

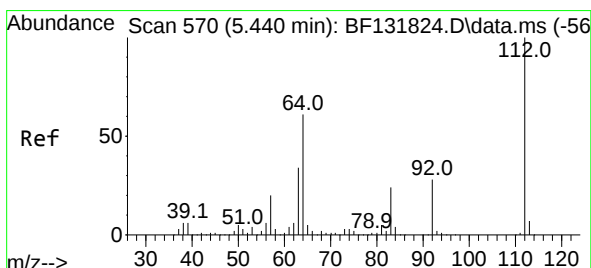
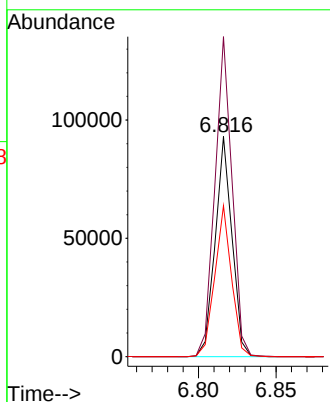
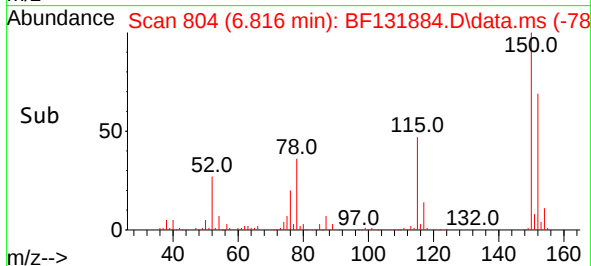
Instrument :
BNA_F
ClientSampleId :
TP-3



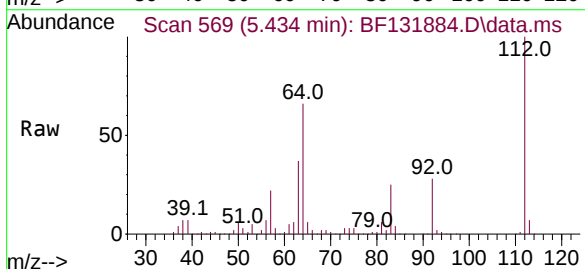
Tgt Ion:152 Resp: 70314
Ion Ratio Lower Upper
152 100
150 145.4 120.0 180.0
115 68.5 55.1 82.7

Manual Integrations
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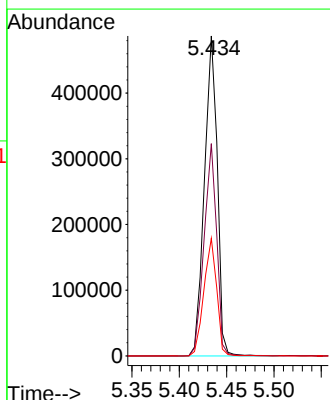
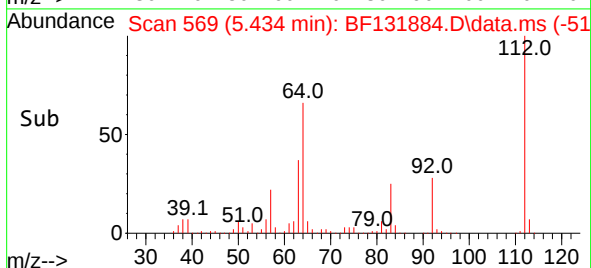
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

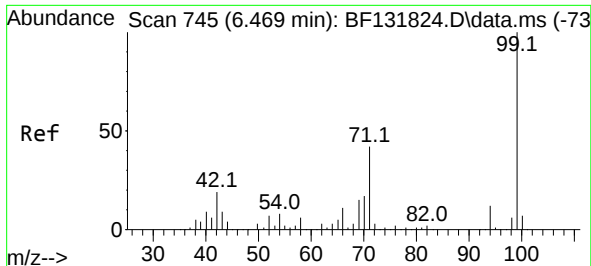


#5
2-Fluorophenol
Concen: 108.826 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23



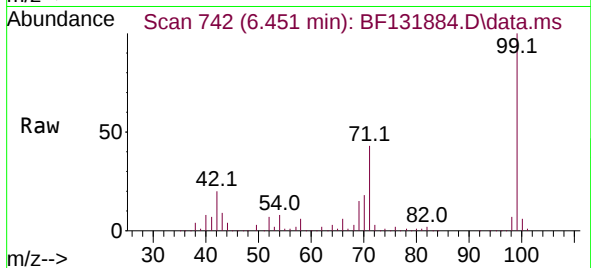
Tgt Ion:112 Resp: 461735
Ion Ratio Lower Upper
112 100
64 66.3 49.2 73.8
63 36.7 27.5 41.3





#7
Phenol-d6
Concen: 107.818 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

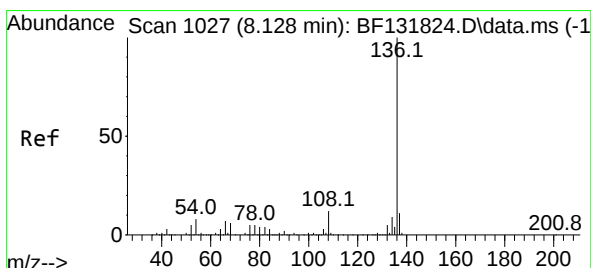
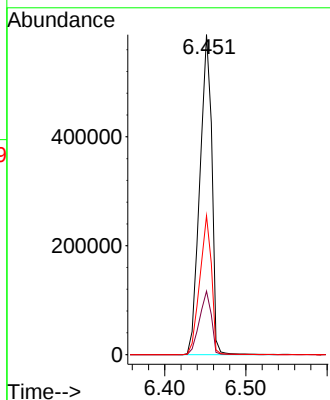
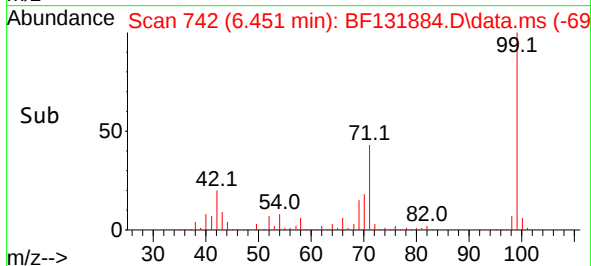
Instrument :
BNA_F
ClientSampleId :
TP-3



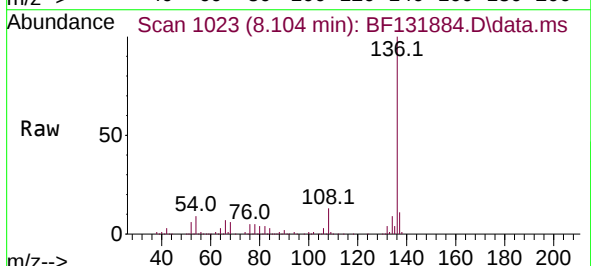
Tgt Ion: 99 Resp: 601020
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.4 33.5 50.3

Manual Integrations
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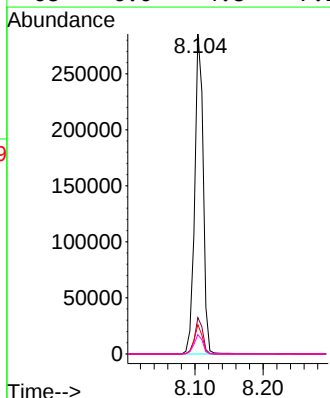
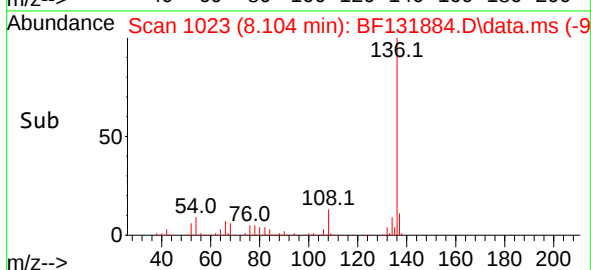
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

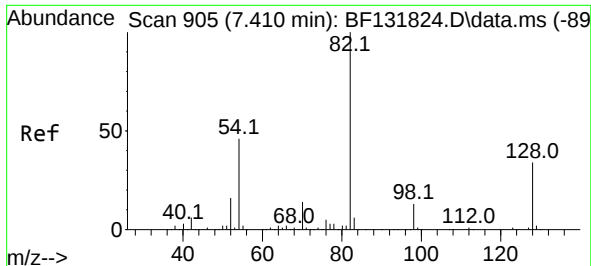


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23



Tgt Ion:136 Resp: 246354
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.1 6.7 10.1
68 6.0 4.8 7.2





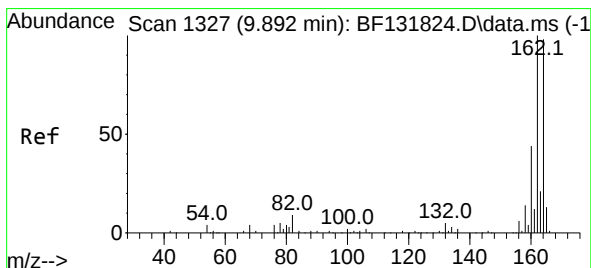
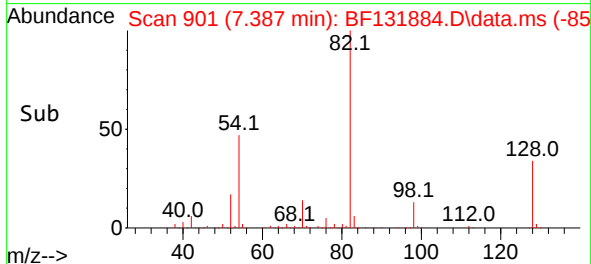
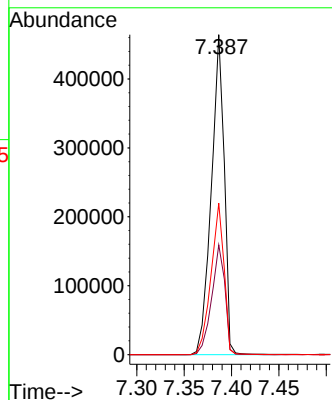
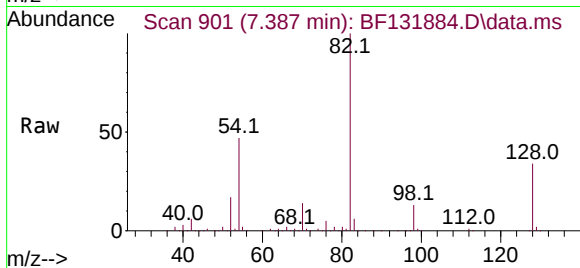
#23
Nitrobenzene-d5
Concen: 71.679 ng
RT: 7.387 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Instrument :
BNA_F
Client Sample Id :
TP-3

Tgt Ion: 82 Resp: 442285
Ion Ratio Lower Upper
82 100
128 34.3 27.1 40.7
54 47.3 37.0 55.6

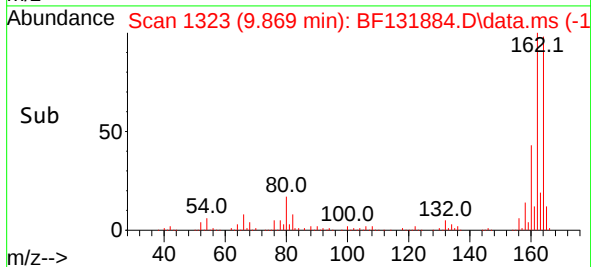
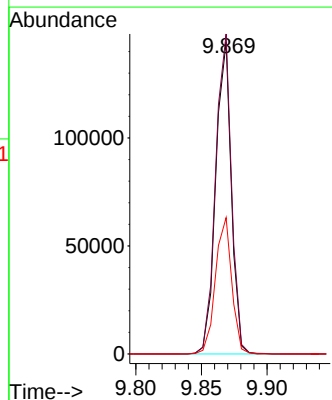
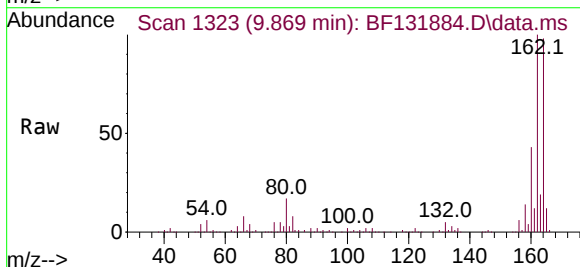
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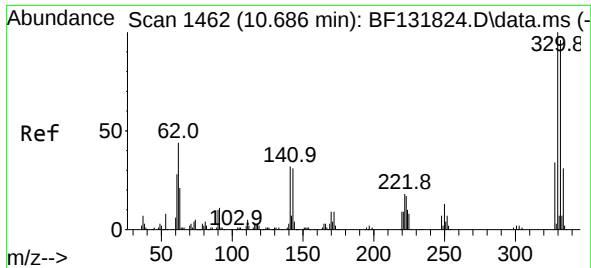
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:164 Resp: 119500
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 43.7 35.7 53.5





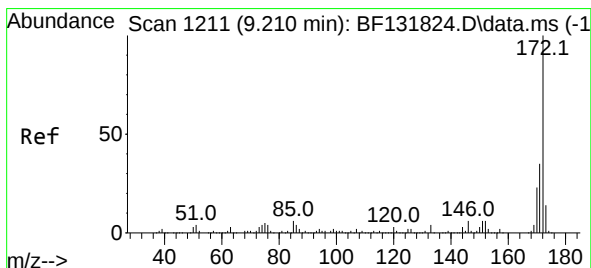
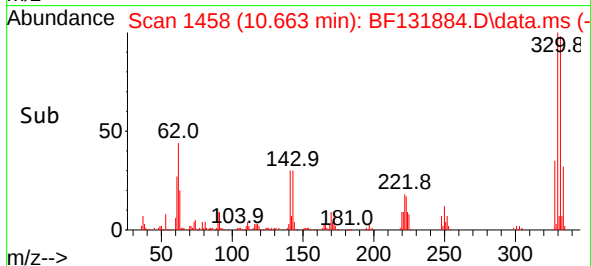
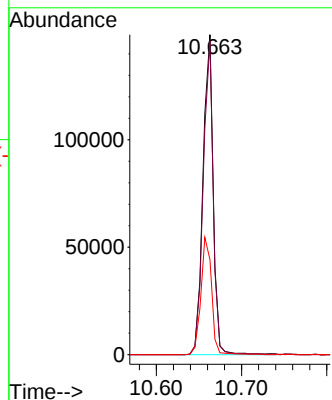
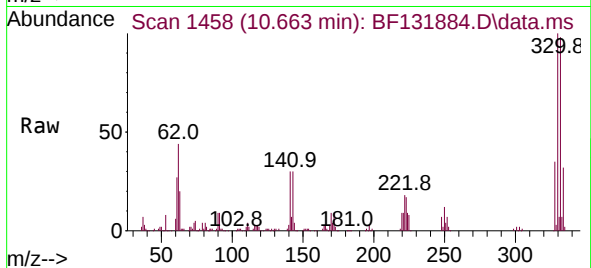
#42
2,4,6-Tribromophenol
Concen: 95.332 ng
RT: 10.663 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 123776
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 38.3 31.0 46.4

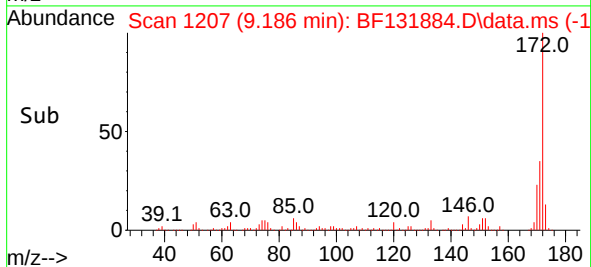
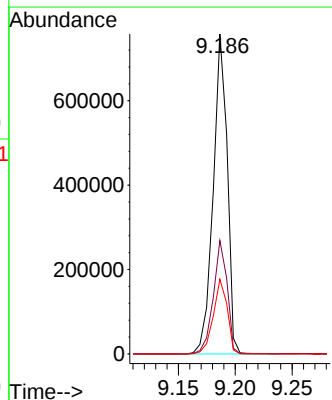
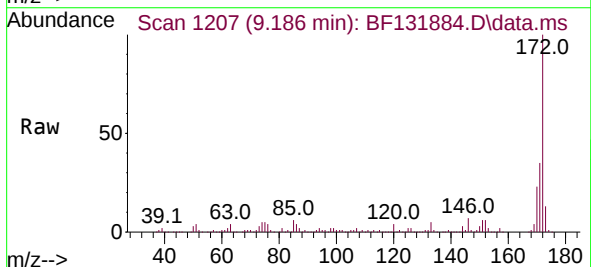
Manual Integrations
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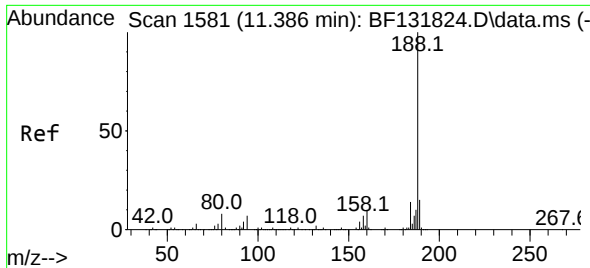
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#45
2-Fluorobiphenyl
Concen: 74.654 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:172 Resp: 651308
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.7 28.1





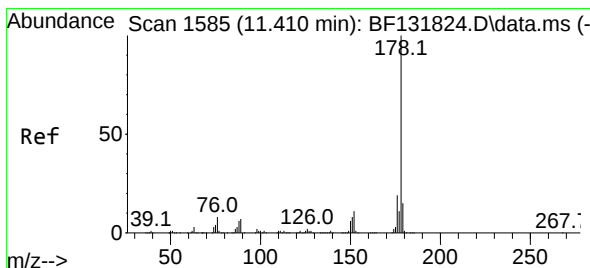
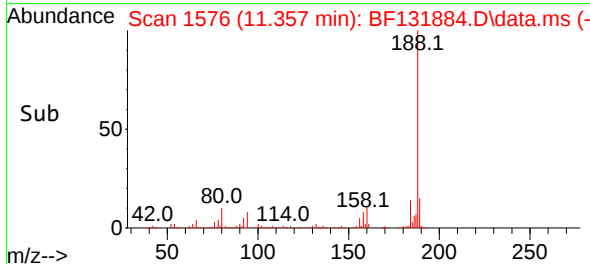
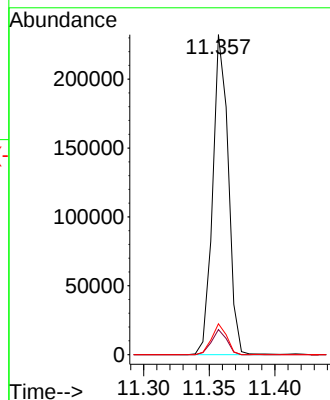
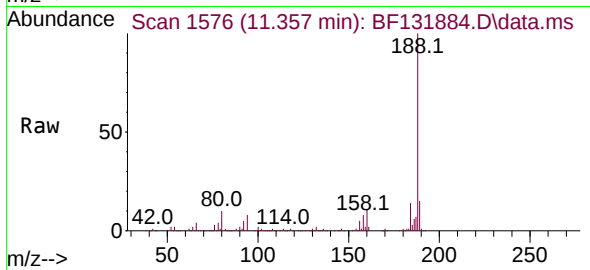
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 192225
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 9.6 6.7 10.1

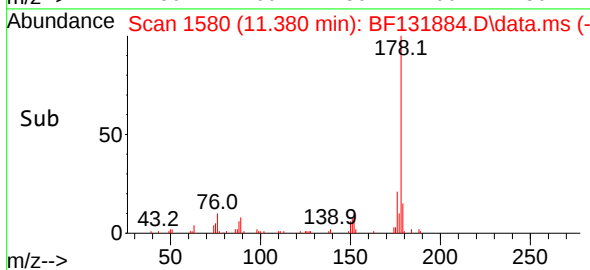
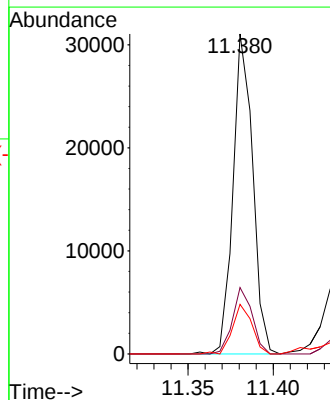
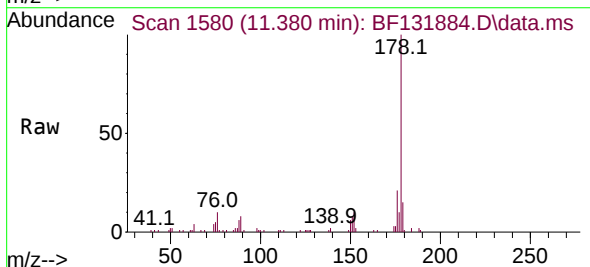
Manual Integrations
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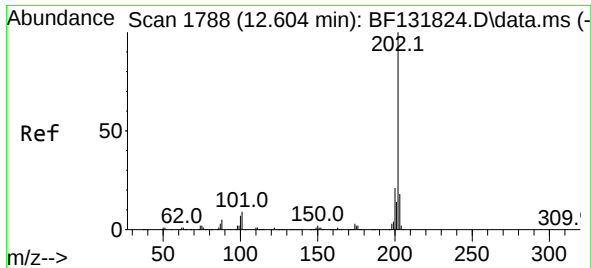
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#71
Phenanthrene
Concen: 2.357 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

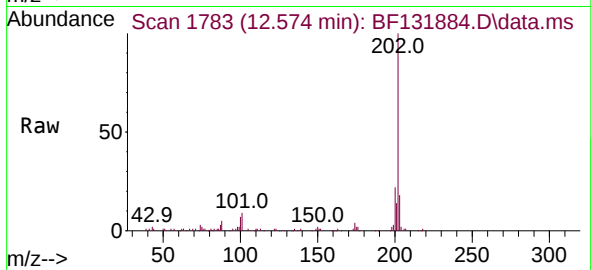
Tgt Ion:178 Resp: 24918
Ion Ratio Lower Upper
178 100
176 20.7 15.5 23.3
179 15.5 12.2 18.4





#75
Fluoranthene
Concen: 3.391 ng
RT: 12.574 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

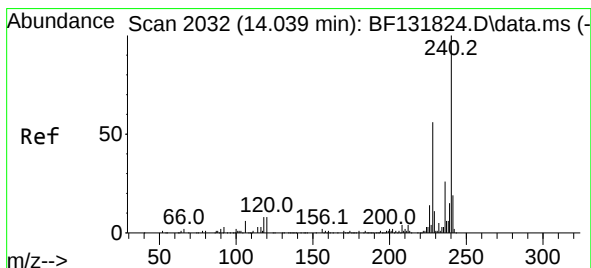
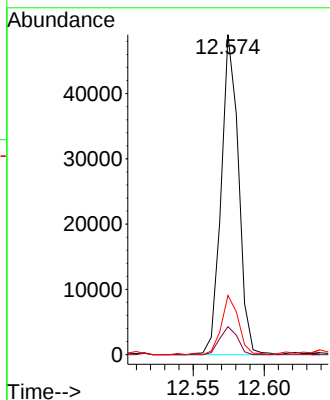
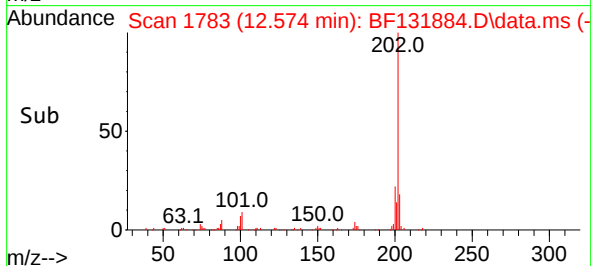
Instrument :
BNA_F
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TP-3



Tgt Ion:202 Resp: 41756
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.6
203 18.5 0.0 37.8

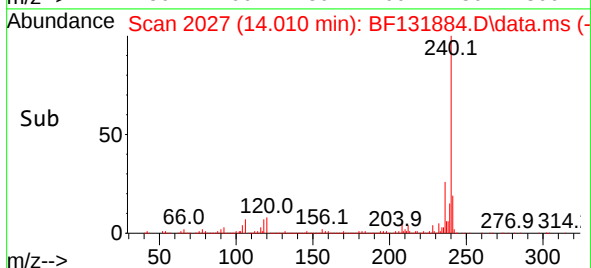
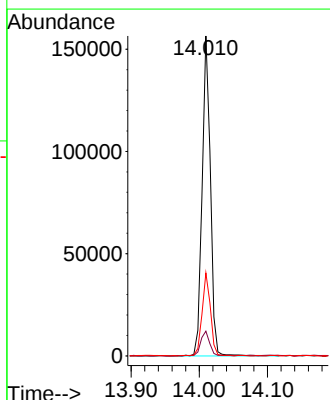
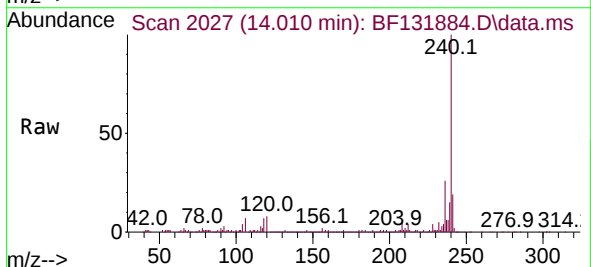
Manual Integrations
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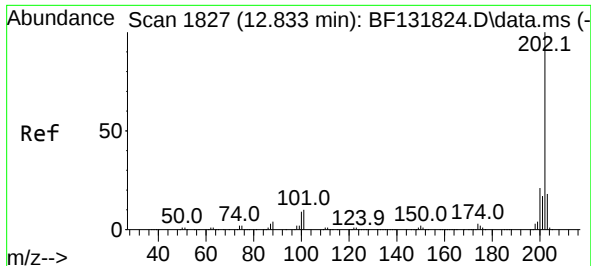
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

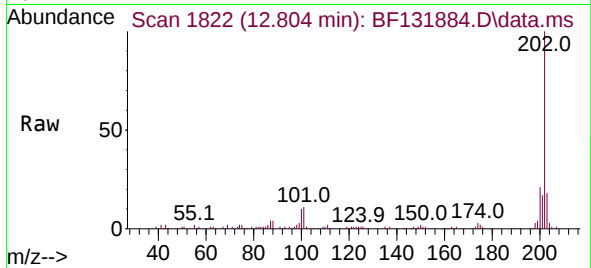
Tgt Ion:240 Resp: 131997
Ion Ratio Lower Upper
240 100
120 7.7 6.7 10.1
236 25.9 20.6 31.0





#78
Pyrene
Concen: 3.619 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

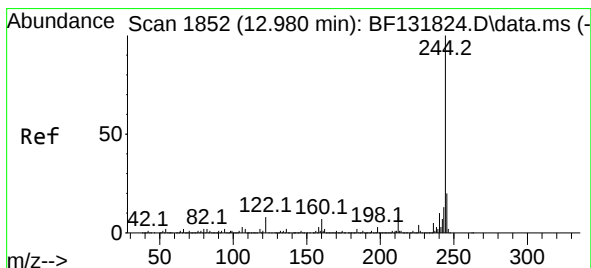
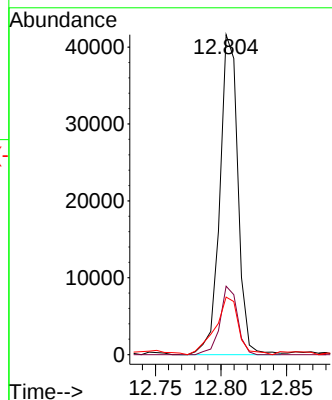
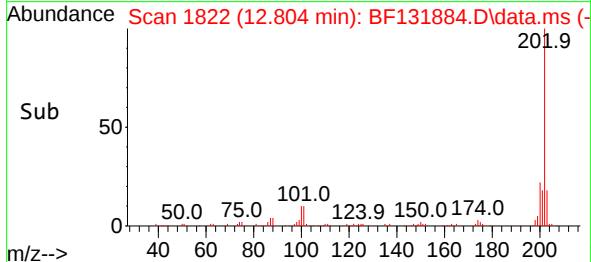
Instrument :
BNA_F
ClientSampleId :
TP-3



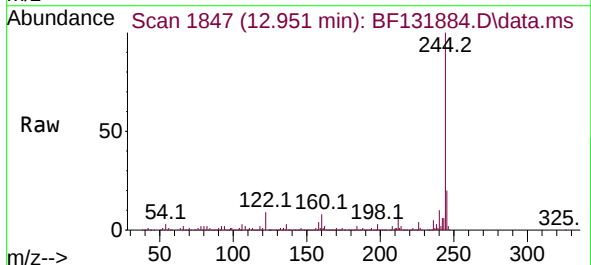
Tgt Ion:202 Resp: 40043
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.0 14.4 21.6

Manual Integrations
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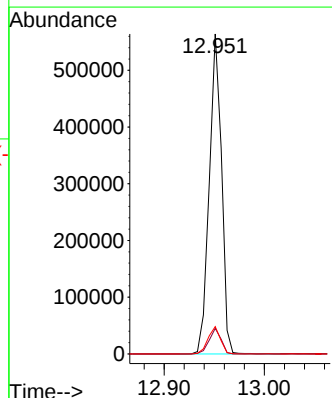
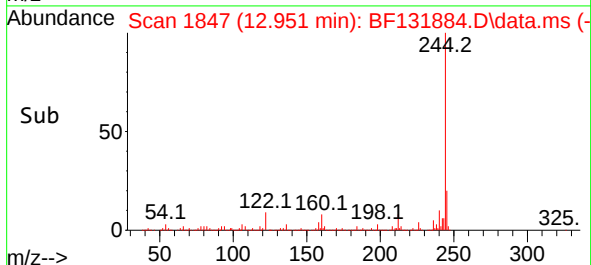
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

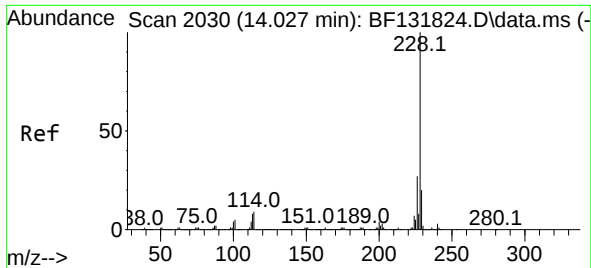


#79
Terphenyl-d14
Concen: 61.102 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23



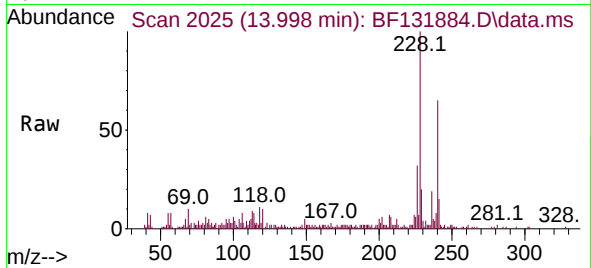
Tgt Ion:244 Resp: 476809
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 8.6 6.4 9.6





#81
Benzo(a)anthracene
Concen: 2.084 ng
RT: 13.998 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

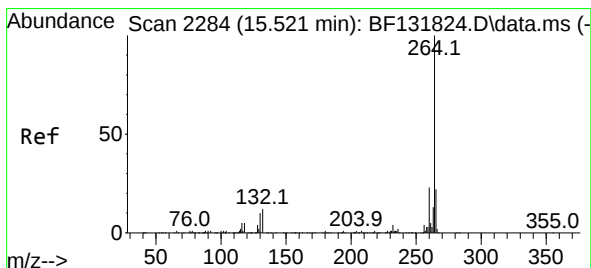
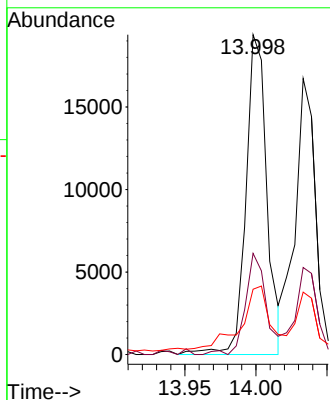
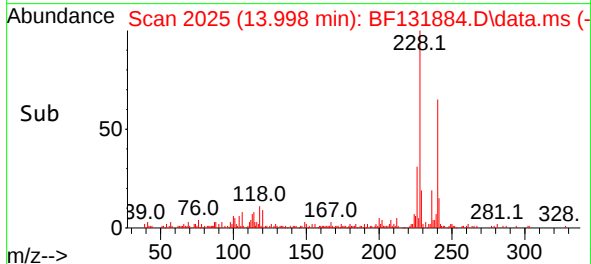
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:228 Resp: 19919
Ion Ratio Lower Upper
228 100
226 31.6 22.0 33.0
229 20.4 16.0 24.0

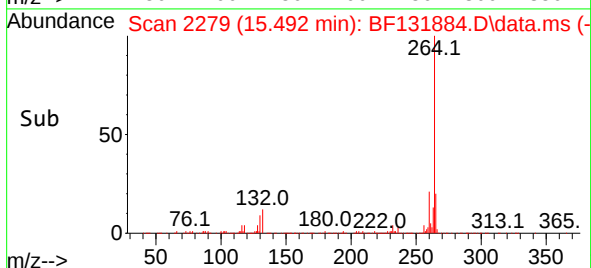
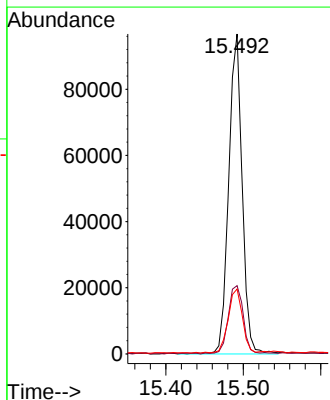
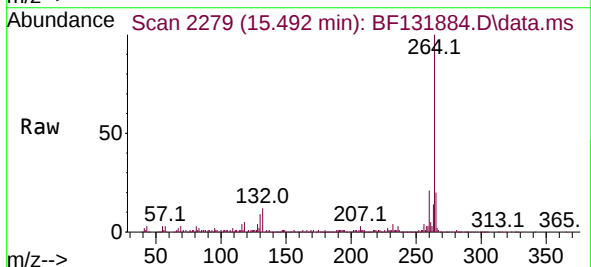
Manual Integrations
APPROVED

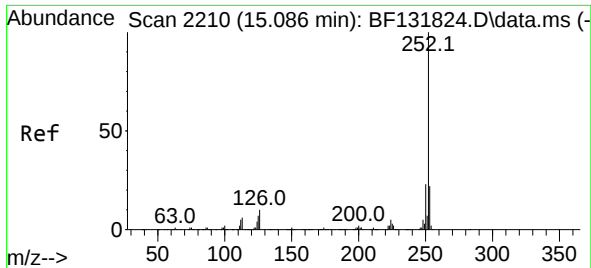
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

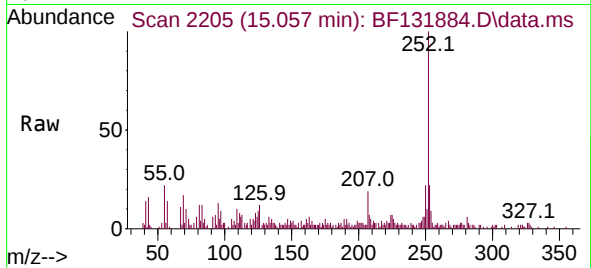
Tgt Ion:264 Resp: 116865
Ion Ratio Lower Upper
264 100
260 21.3 18.6 28.0
265 20.3 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 2.144 ng m
RT: 15.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

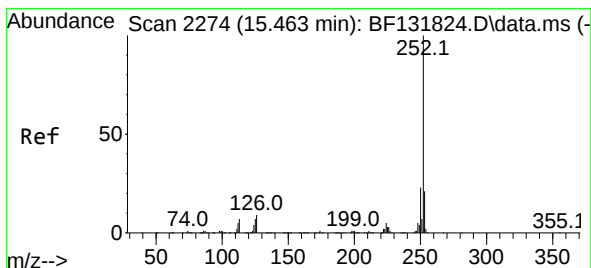
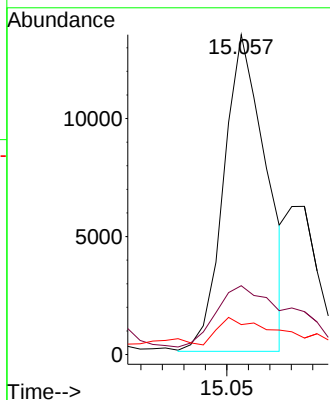
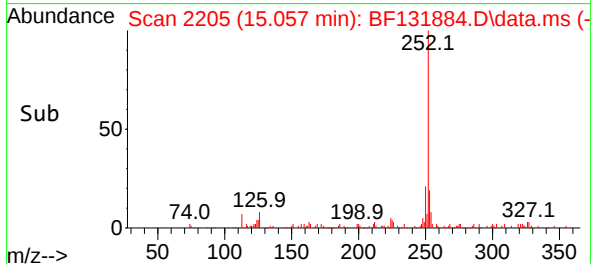
Instrument :
BNA_F
ClientSampleId :
TP-3



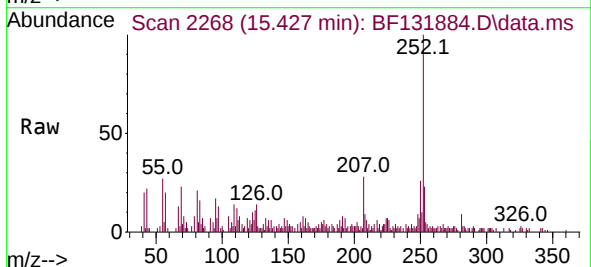
Tgt Ion:252 Resp: 18373
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.4 5.8 8.8

Manual Integrations
APPROVED

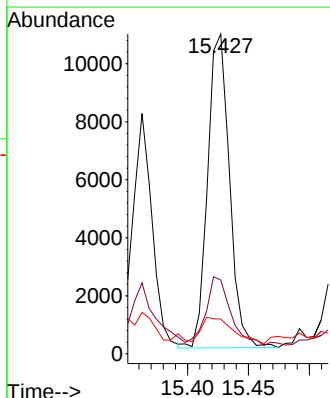
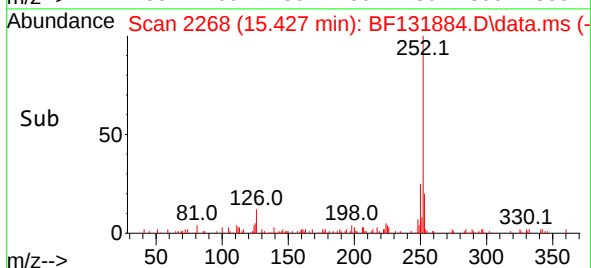
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

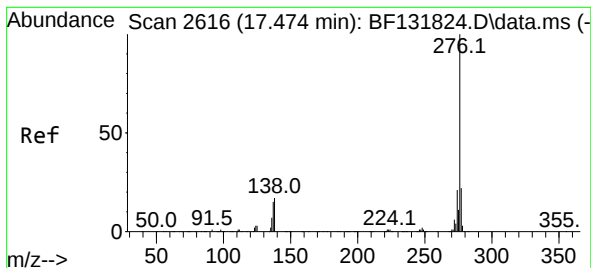


#90
Benzo(a)pyrene
Concen: 2.040 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23



Tgt Ion:252 Resp: 13531
Ion Ratio Lower Upper
252 100
253 23.1 16.6 24.8
125 10.9 5.8 8.8





#92

Benzo(g,h,i)perylene

Concen: 6.246 ng

RT: 17.415 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131884.D

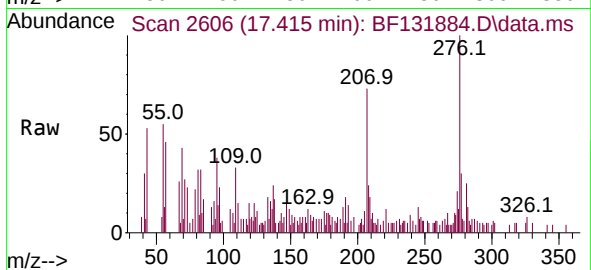
Acq: 29 Dec 2022 18:23

Instrument :

BNA_F

ClientSampleId :

TP-3



Tgt Ion:276 Resp: 8063

Ion Ratio Lower Upper

276 100

277 30.3 17.9 26.9

138 17.0 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2022

Supervised By :Yogesh Patel 12/30/2022

