

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133706.D
 Acq On : 12 Jun 2023 16:19
 Operator : CG\JU
 Sample : 03047-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB33A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 12 17:52:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 16:32:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	73222	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	267396	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	120982	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	190481	20.000	ng	0.00
76) Chrysene-d12	14.004	240	153124	20.000	ng	-0.01
86) Perylene-d12	15.468	264	182186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	415693	98.834	ng	0.00
7) Phenol-d6	6.463	99	485795	88.733	ng	0.00
23) Nitrobenzene-d5	7.392	82	339198	69.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	111890	73.063	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	595812	70.007	ng	0.00
79) Terphenyl-d14	12.951	244	467825	47.275	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.574	202	51751	5.043	ng	98
78) Pyrene	12.804	202	46193	3.238	ng	98
81) Benzo(a)anthracene	13.992	228	29664	2.801	ng	92
83) Chrysene	14.027	228	27243	2.719	ng	96
88) Benzo(b)fluoranthene	15.039	252	38523m	3.481	ng	
90) Benzo(a)pyrene	15.404	252	25882	2.520	ng	97

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

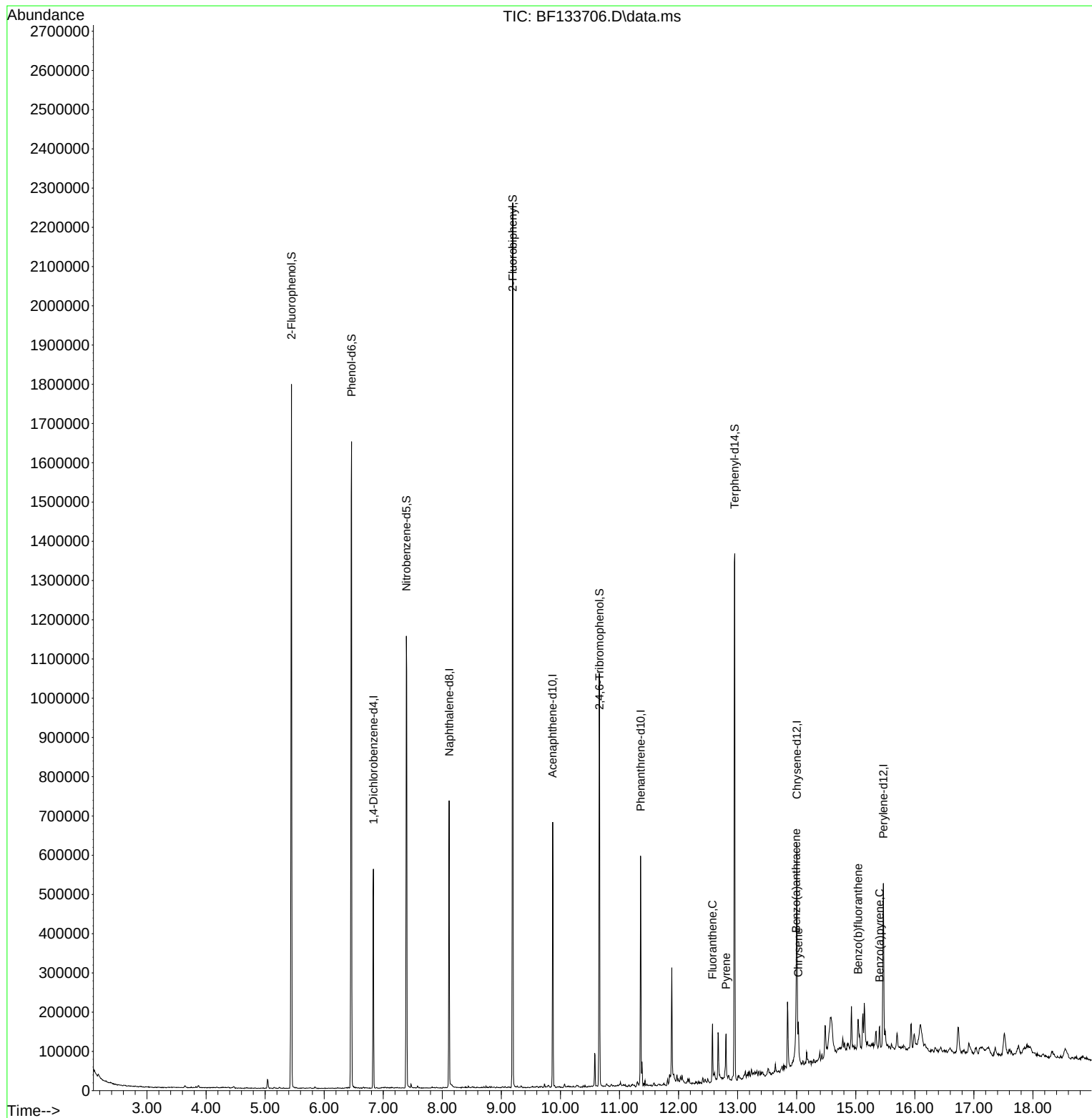
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133706.D
Acq On : 12 Jun 2023 16:19
Operator : CG\JU
Sample : 03047-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

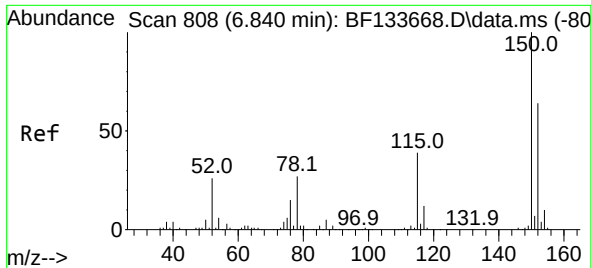
Instrument :
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Supervised By :mohammad ahmed 06/13/2023

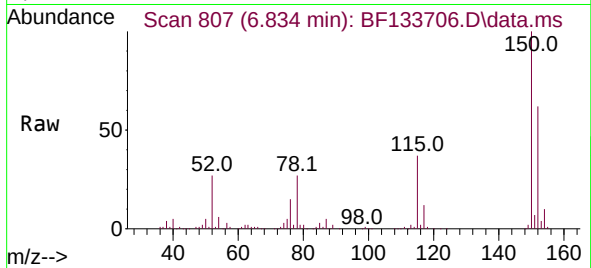
Quant Time: Jun 12 17:52:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 16:32:43 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

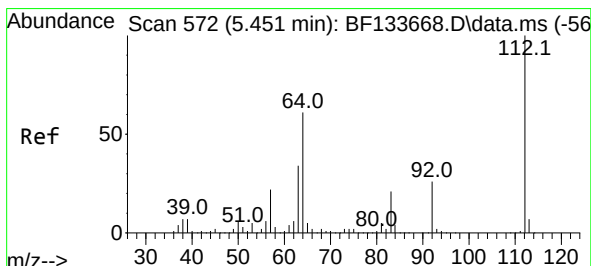
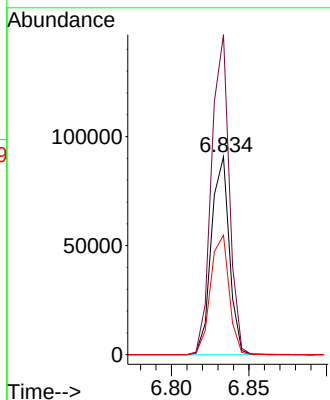
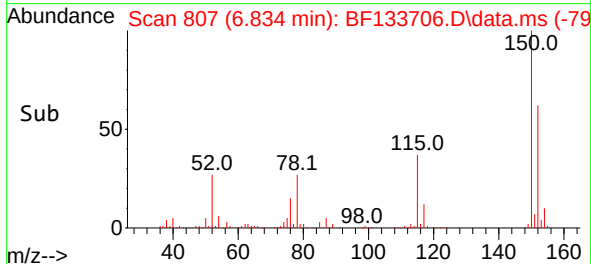
Instrument :
BNA_F
ClientSampleId :
SB33A



Tgt Ion:152 Resp: 7322
Ion Ratio Lower Upper
152 100
150 161.7 124.3 186.5
115 60.4 48.5 72.7

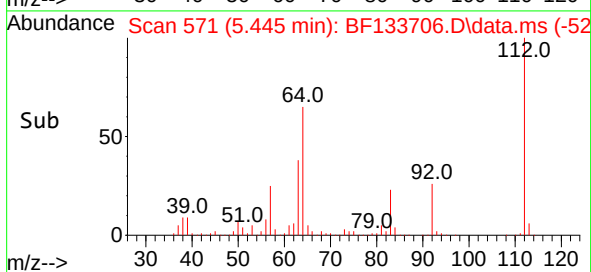
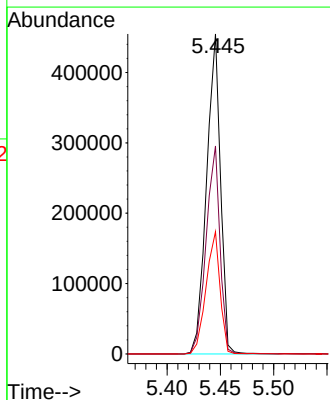
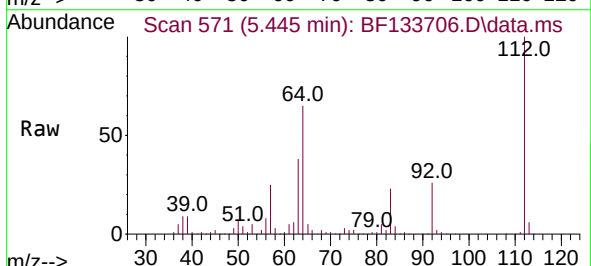
Manual Integrations
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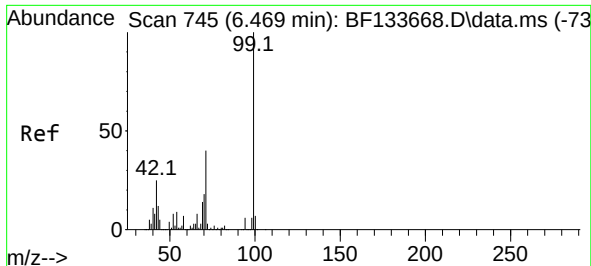
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#5
2-Fluorophenol
Concen: 98.834 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

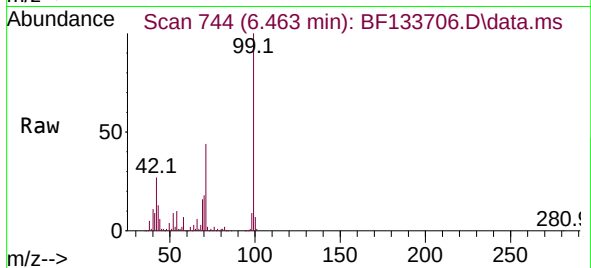
Tgt Ion:112 Resp: 415693
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 38.2 26.8 40.2





#7
Phenol-d6
Concen: 88.733 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

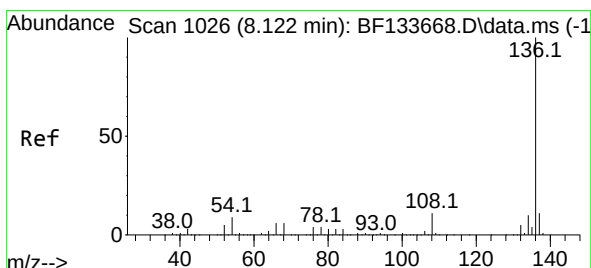
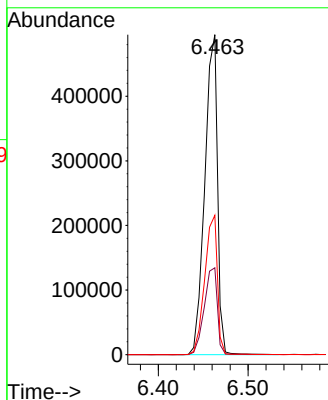
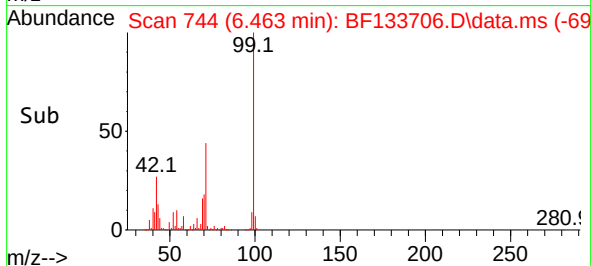
Instrument :
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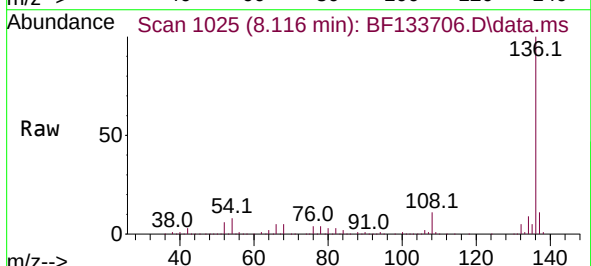
Tgt Ion: 99 Resp: 48579
Ion Ratio Lower Upper
99 100
42 27.2 19.9 29.9
71 43.6 32.2 48.4

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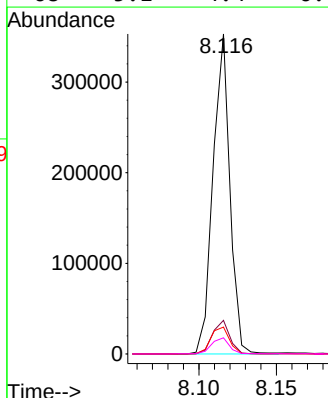
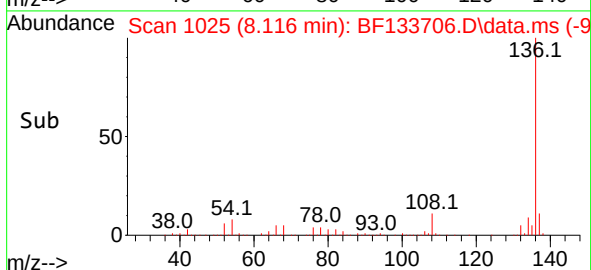
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

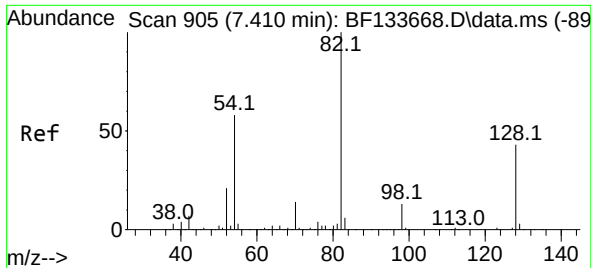


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19



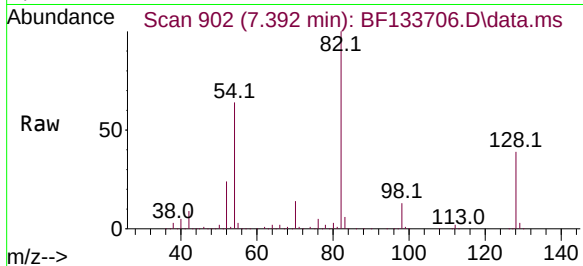
Tgt Ion:136 Resp: 267396
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.4 7.4 11.0
68 5.1 4.4 6.6





#23
Nitrobenzene-d5
Concen: 69.092 ng
RT: 7.392 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

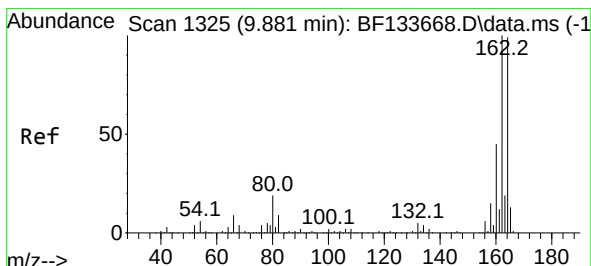
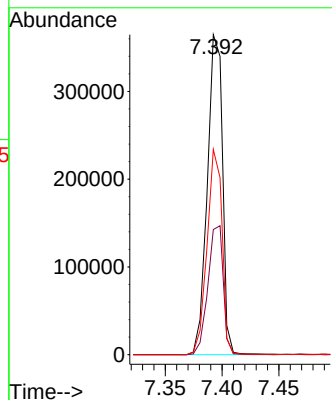
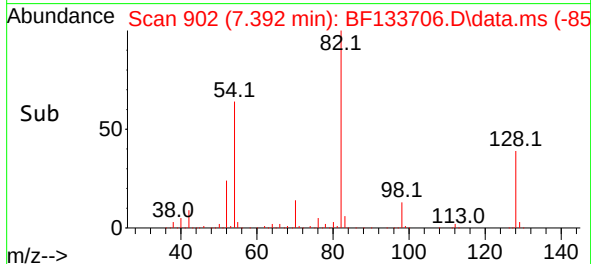
Instrument :
BNA_F
ClientSampleId :
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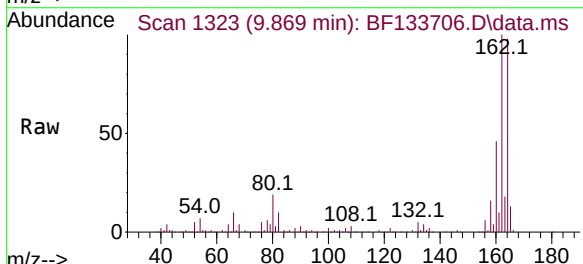
Tgt Ion: 82 Resp: 339198
Ion Ratio Lower Upper
82 100
128 39.1 34.2 51.2
54 64.1 46.5 69.7

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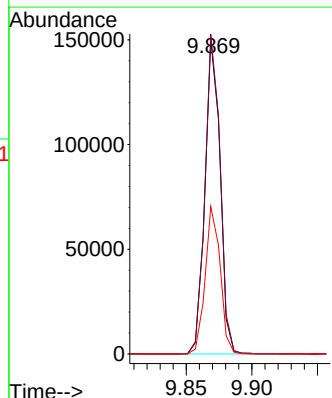
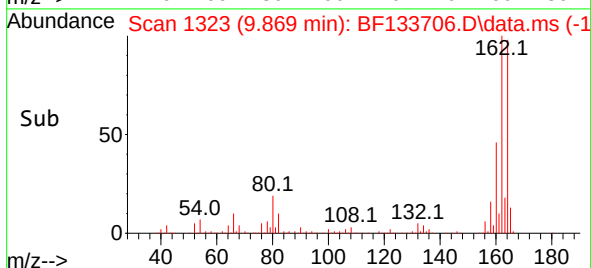
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

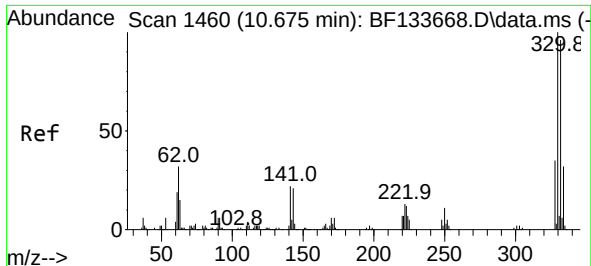


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19



Tgt Ion:164 Resp: 120982
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 46.8 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 73.063 ng
RT: 10.663 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

Instrument :

BNA_F

ClientSampleId :

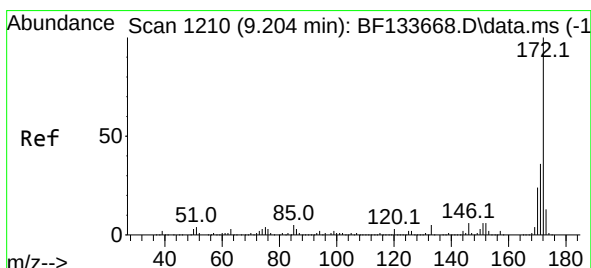
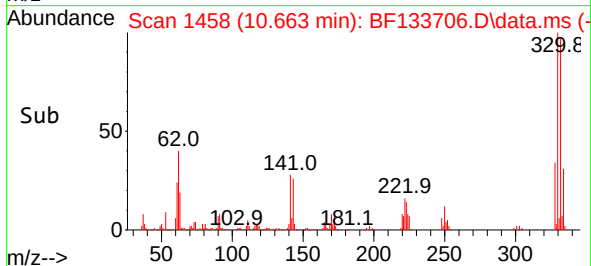
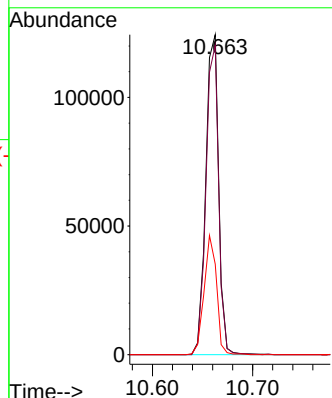
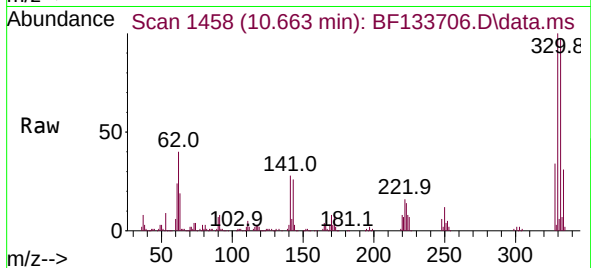
SB33A

Tgt Ion:330 Resp: 111890
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 36.0 24.9 37.3

Manual Integrations

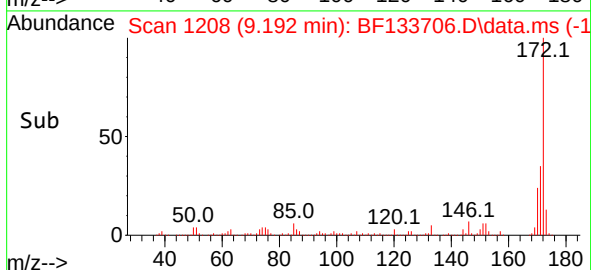
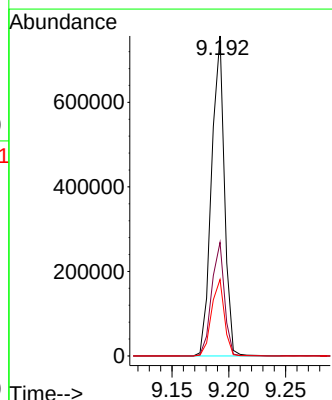
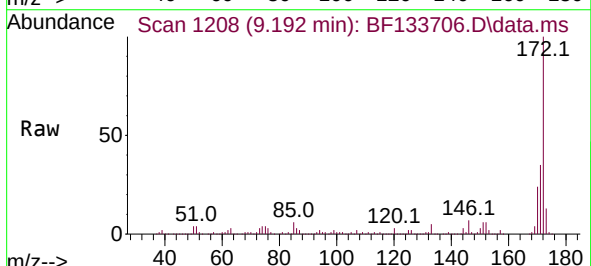
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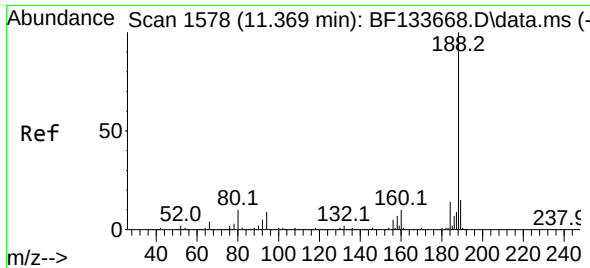
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#45
2-Fluorobiphenyl
Concen: 70.007 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

Tgt Ion:172 Resp: 595812
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7





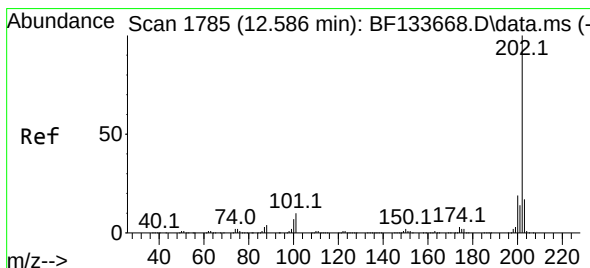
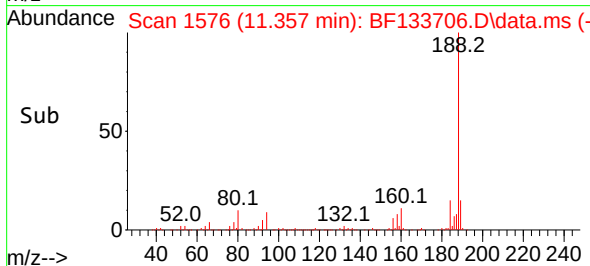
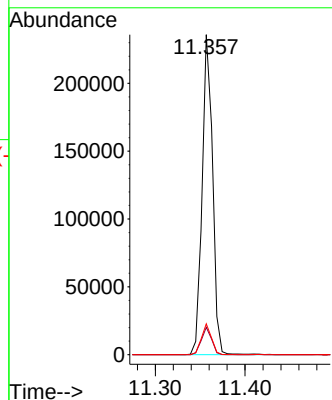
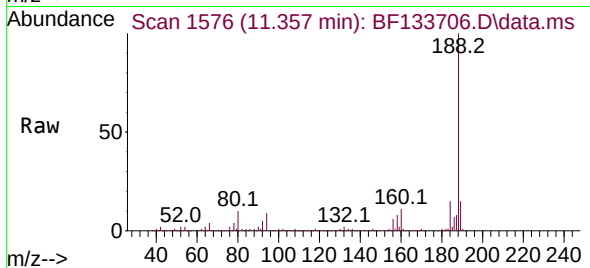
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

Instrument :
BNA_F
ClientSampleId :
SB33A

Tgt Ion:188 Resp: 19048
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.6 7.8 11.6

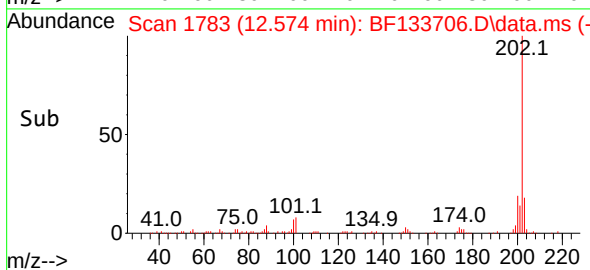
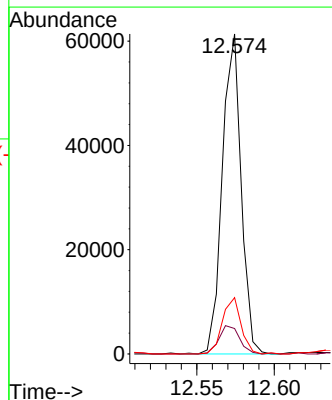
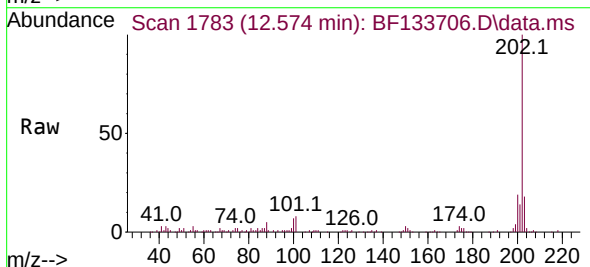
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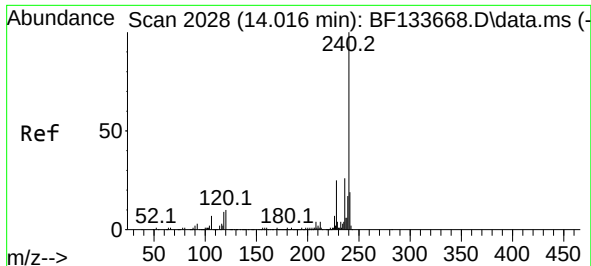
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#75
Fluoranthene
Concen: 5.043 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

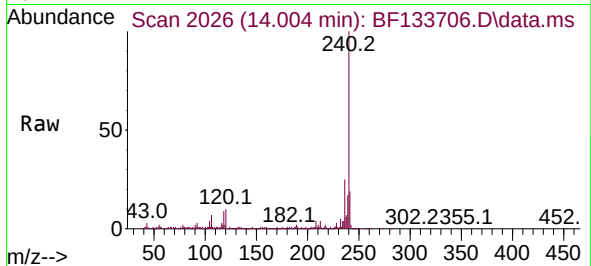
Tgt Ion:202 Resp: 51751
Ion Ratio Lower Upper
202 100
101 8.0 0.0 29.6
203 17.6 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

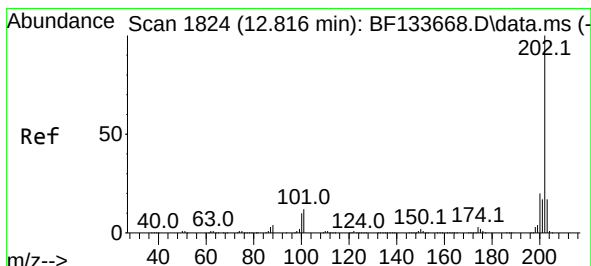
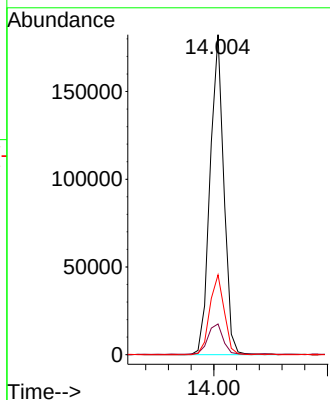
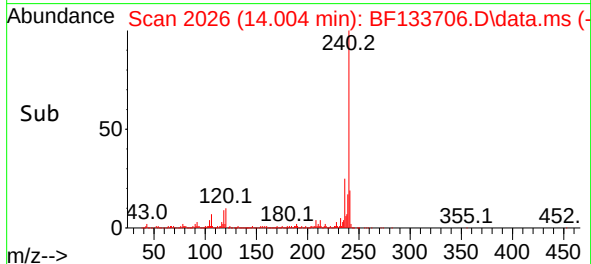
Instrument :
BNA_F
ClientSampleId :
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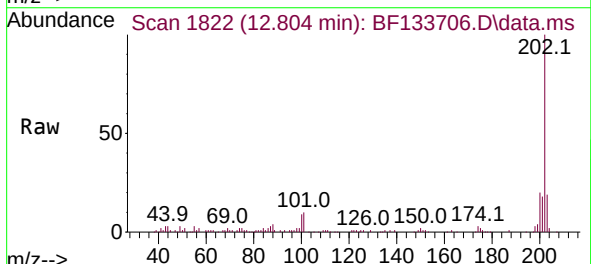
Tgt Ion:240 Resp: 153124
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 24.9 20.5 30.7

Manual Integrations
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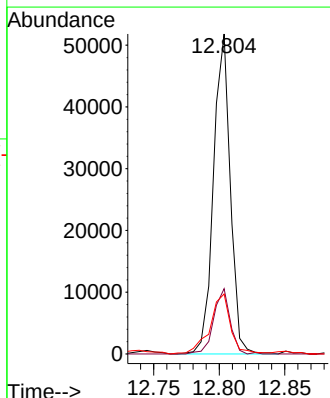
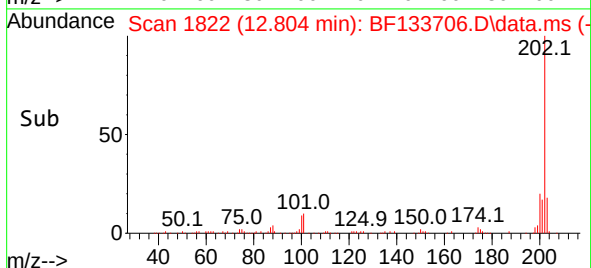
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

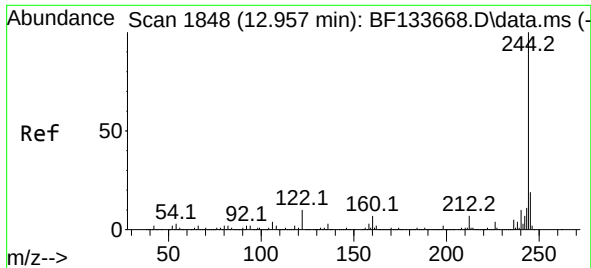


#78
Pyrene
Concen: 3.238 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19



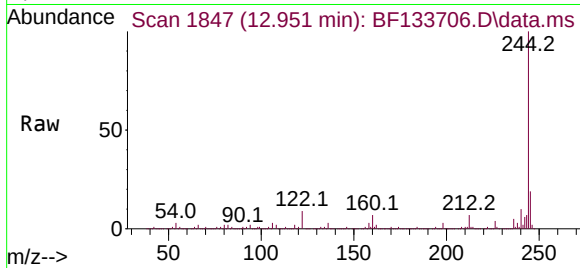
Tgt Ion:202 Resp: 46193
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 47.275 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133706.D
 Acq: 12 Jun 2023 16:19

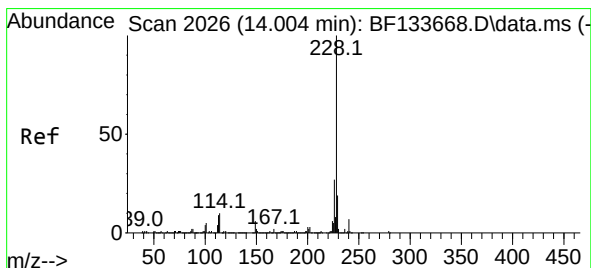
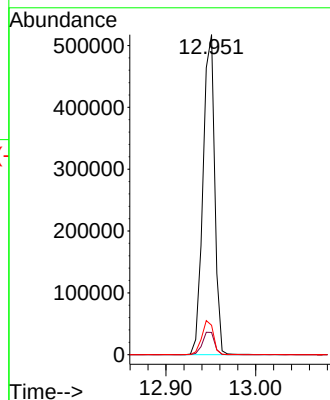
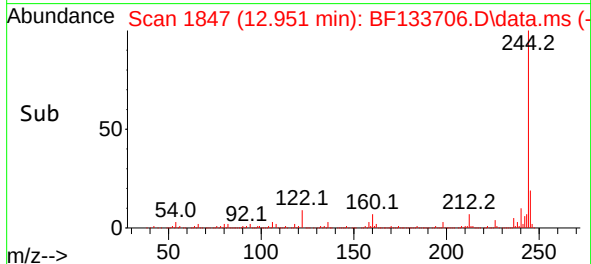
Instrument :
 BNA_F
 ClientSampleId :
 SB33A



Tgt Ion:244 Resp: 467825
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.2 8.1 12.1

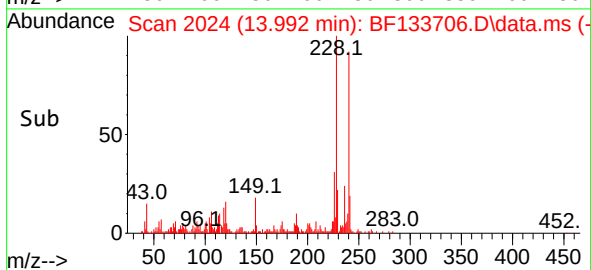
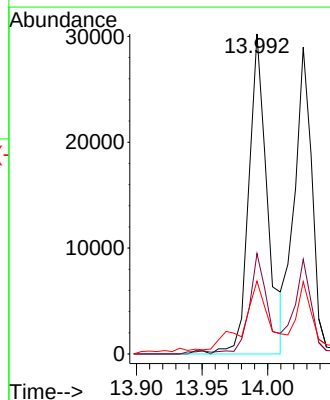
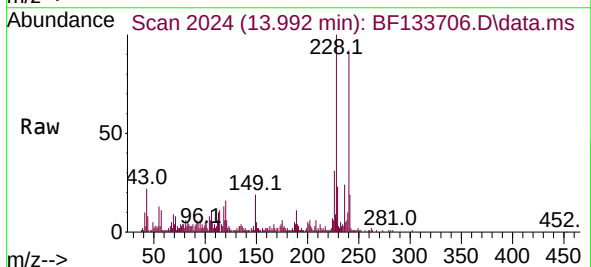
Manual Integrations
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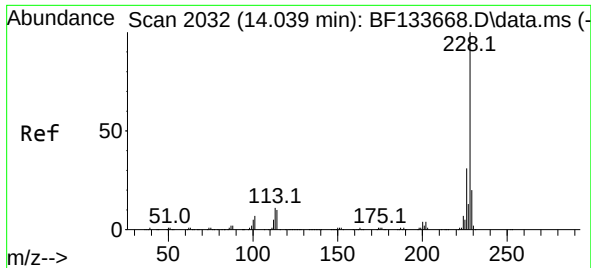
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#81
 Benzo(a)anthracene
 Concen: 2.801 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.012 min
 Lab File: BF133706.D
 Acq: 12 Jun 2023 16:19

Tgt Ion:228 Resp: 29664
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.7 32.5
 229 22.7 15.4 23.2





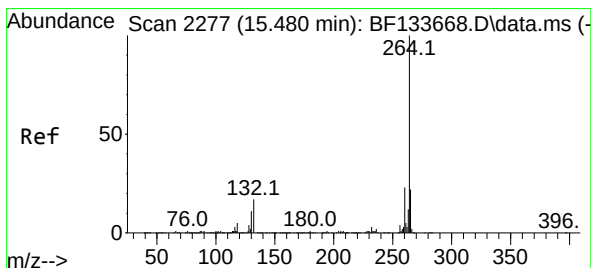
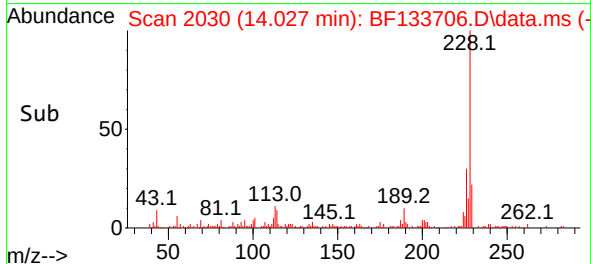
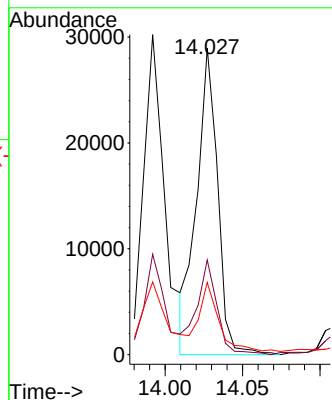
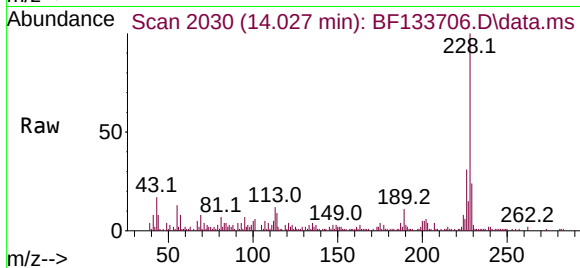
#83
Chrysene
Concen: 2.719 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

Instrument :
BNA_F
ClientSampleId :
SB33A

Tgt Ion:228 Resp: 2724
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 23.6 15.8 23.8

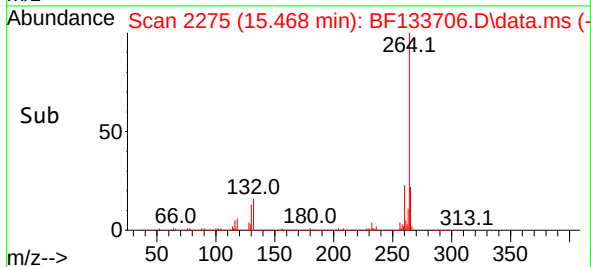
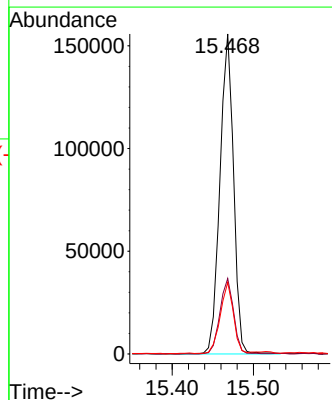
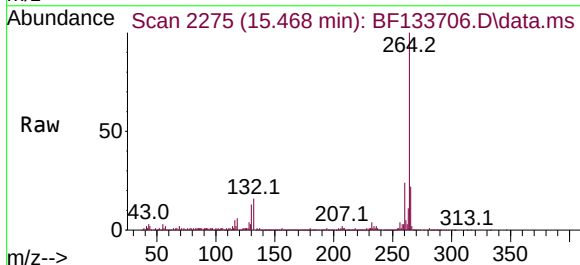
Manual Integrations
APPROVED

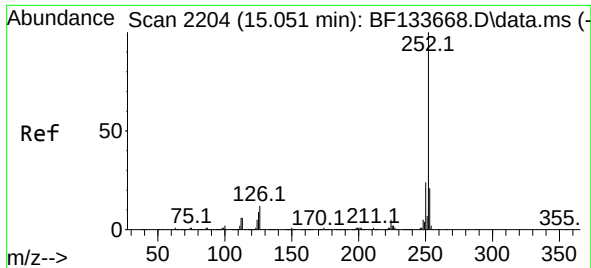
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

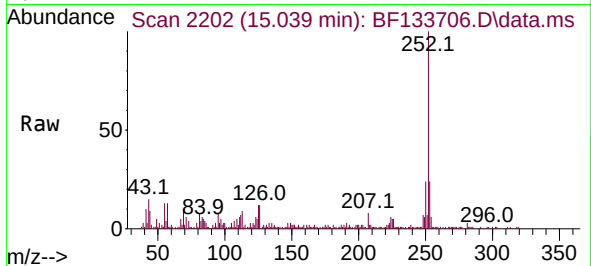
Tgt Ion:264 Resp: 182186
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.2
265 22.4 17.8 26.6





#88
Benzo(b)fluoranthene
Concen: 3.481 ng m
RT: 15.039 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

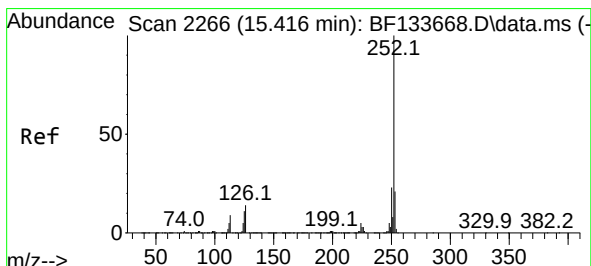
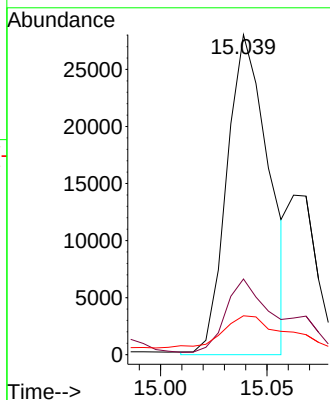
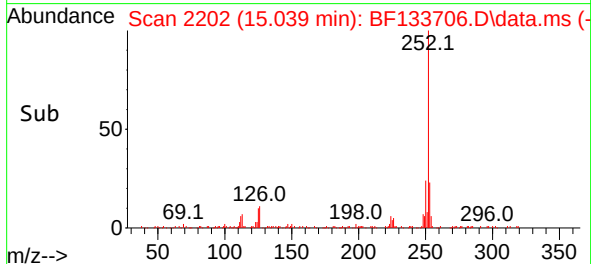
Instrument :
BNA_F
ClientSampleId :
SB33A



Tgt Ion:252 Resp: 3852
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.2 7.3 10.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#90
Benzo(a)pyrene
Concen: 2.520 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.012 min
Lab File: BF133706.D
Acq: 12 Jun 2023 16:19

Tgt Ion:252 Resp: 25882
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 11.8 8.6 13.0

