

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133169.D
 Acq On : 01 May 2023 22:16
 Operator : CG\JU
 Sample : 02563-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-042823

Quant Time: May 02 05:23:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	219044	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	879575	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	440361	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	691304	20.000	ng	0.00
76) Chrysene-d12	13.880	240	388911	20.000	ng	-0.01
86) Perylene-d12	15.304	264	414153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1185453	81.753	ng	0.00
7) Phenol-d6	6.369	99	1440536	80.039	ng	0.00
23) Nitrobenzene-d5	7.292	82	873261	53.589	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	293874	66.357	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1568775	59.600	ng	0.00
79) Terphenyl-d14	12.833	244	1320265	58.549	ng	0.00
Target Compounds						
75) Fluoranthene	12.457	202	97533	2.616	ng	96
78) Pyrene	12.680	202	99834	2.995	ng	99
88) Benzo(b)fluoranthene	14.898	252	64357m	2.443	ng	

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

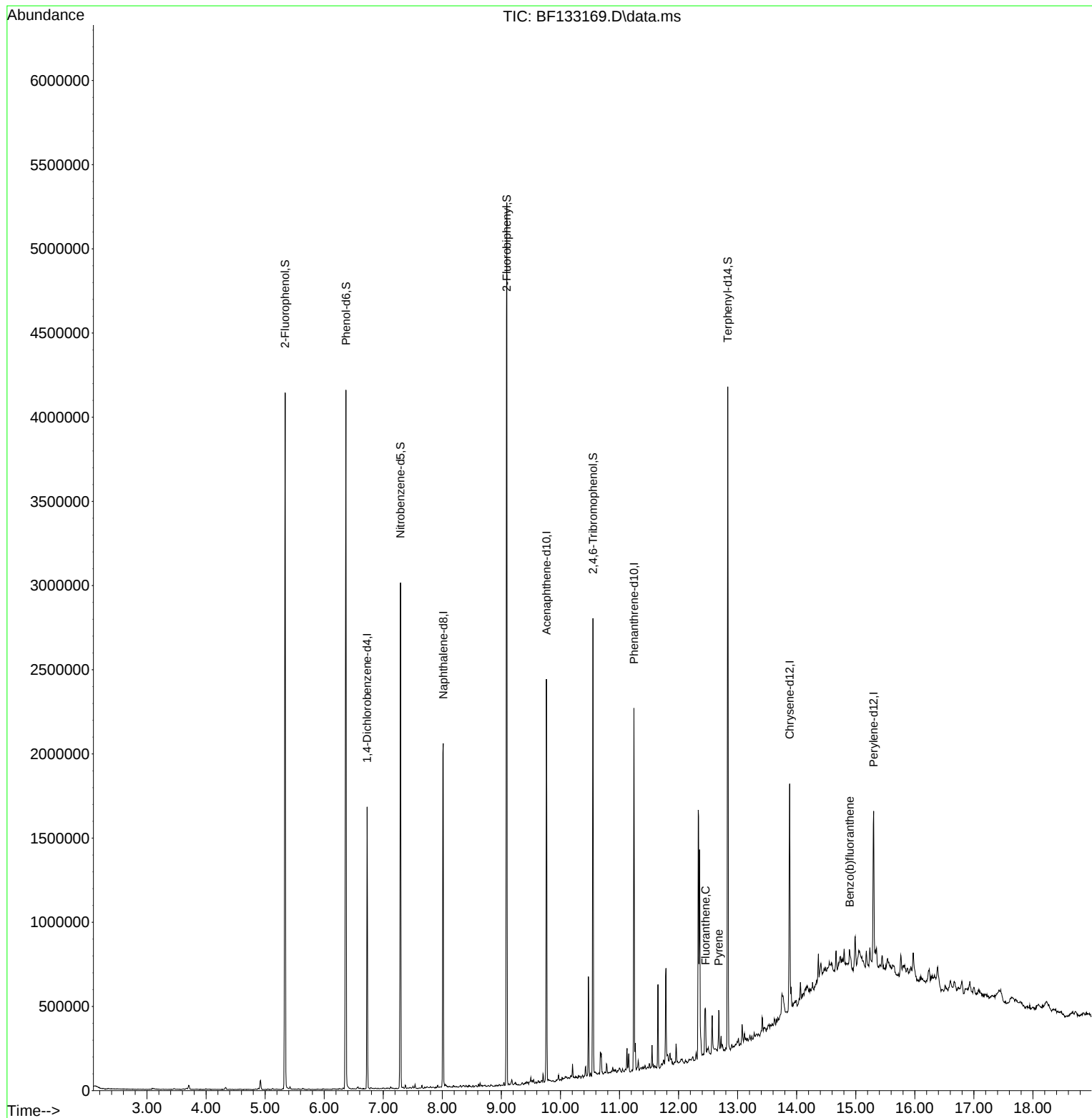
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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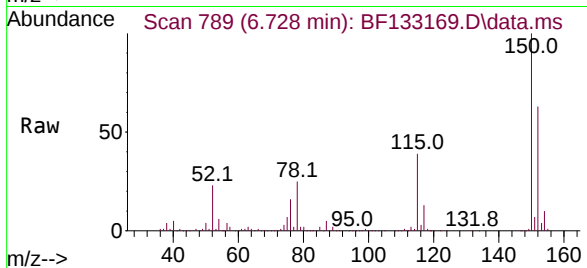
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Instrument :

BNA_F

ClientSampleId :

HR-03-042823

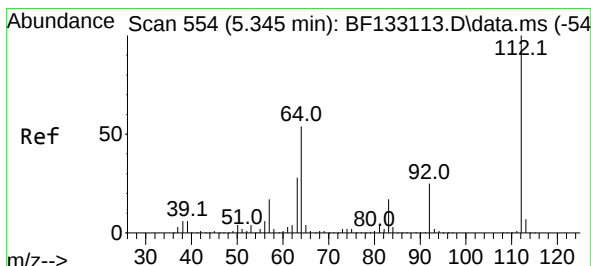
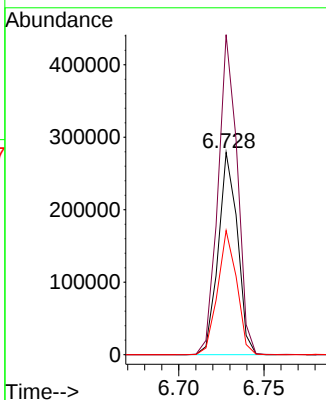
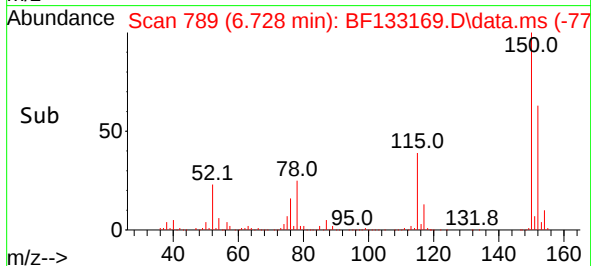


Tgt Ion:152 Resp: 219044
Ion Ratio Lower Upper
152 100
150 158.2 124.8 187.2
115 61.4 49.9 74.9

Manual Integrations

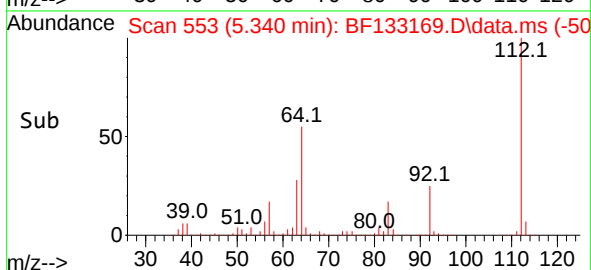
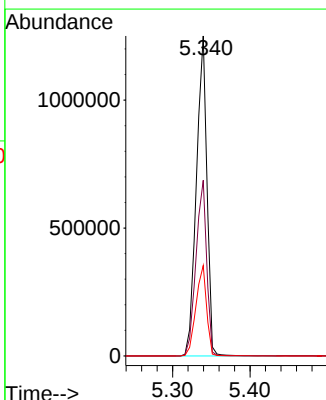
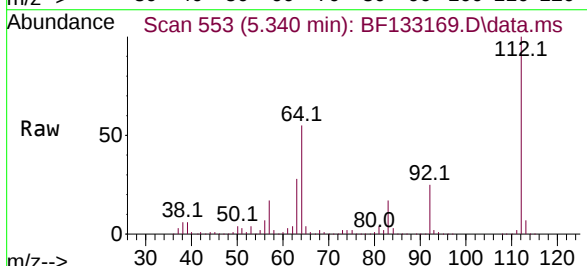
APPROVED

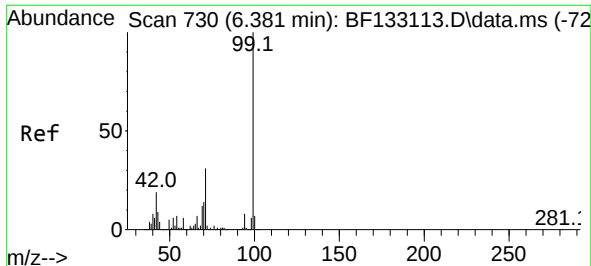
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#5
2-Fluorophenol
Concen: 81.753 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

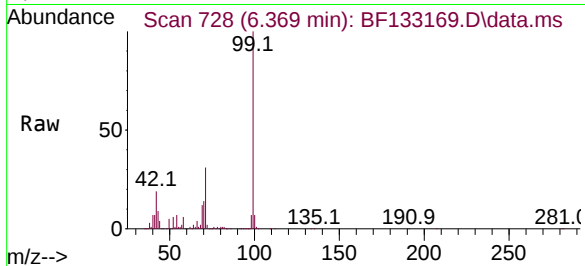
Tgt Ion:112 Resp: 1185453
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 23.8 35.8





#7
Phenol-d6
Concen: 80.039 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

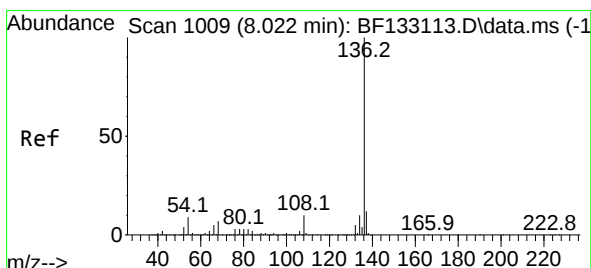
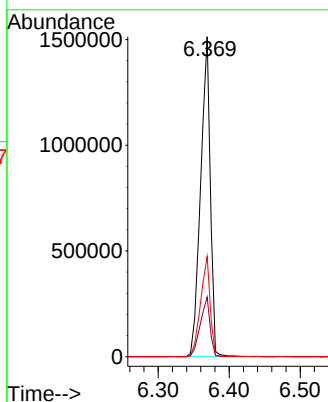
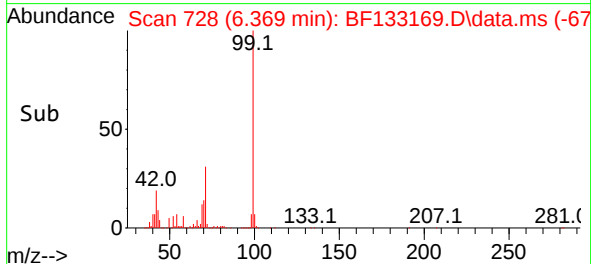
Instrument :
BNA_F
ClientSampleId :
HR-03-042823



Tgt Ion: 99 Resp: 1440530
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.3 25.6 38.4

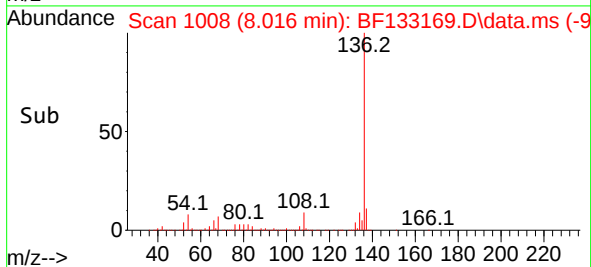
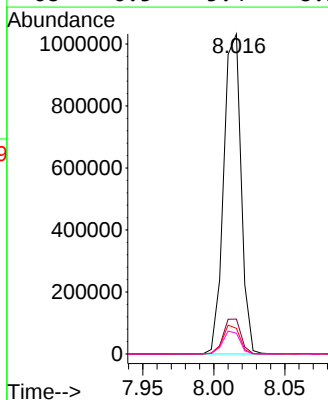
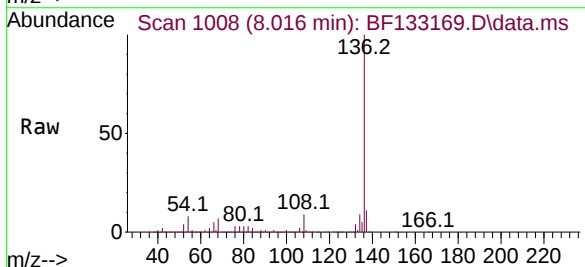
Manual Integrations
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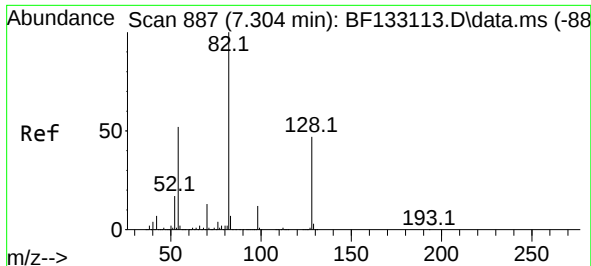
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Tgt Ion:136 Resp: 879575
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 7.0 10.4
68 6.5 5.4 8.2





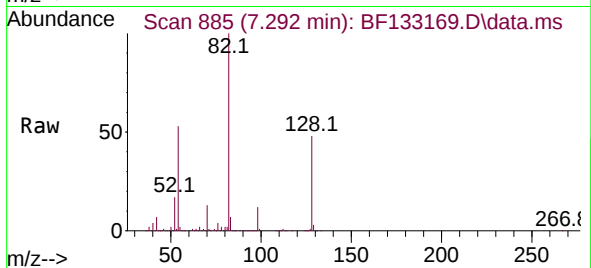
#23
Nitrobenzene-d5
Concen: 53.589 ng
RT: 7.292 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Instrument :

BNA_F

ClientSampleId :

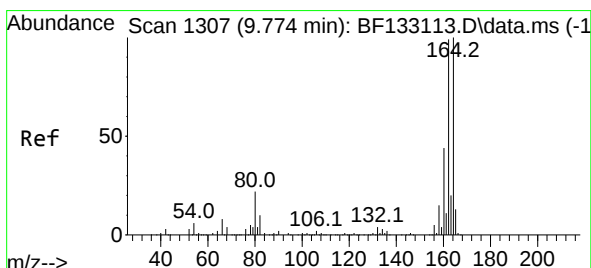
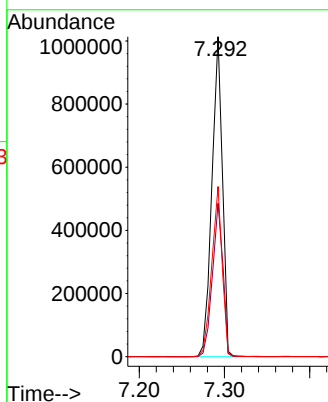
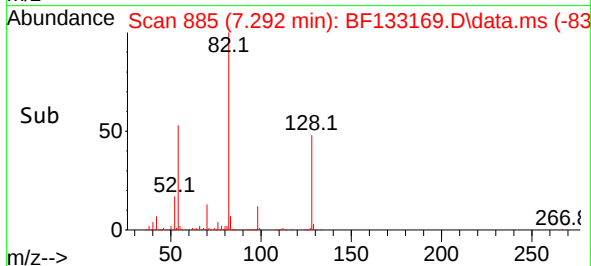
HR-03-042823



Tgt Ion: 82 Resp: 87326
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 53.2 43.0 64.4

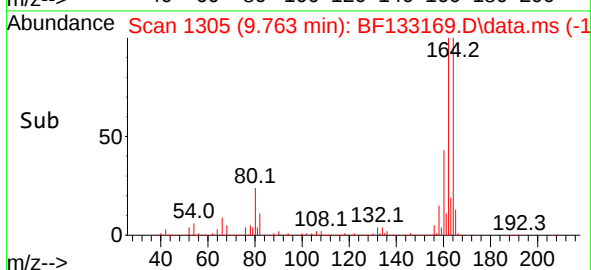
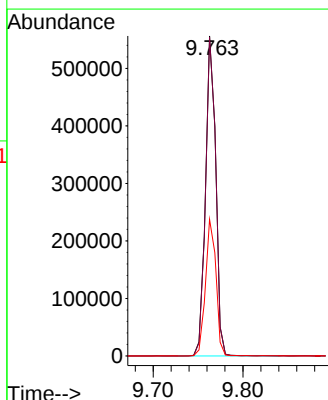
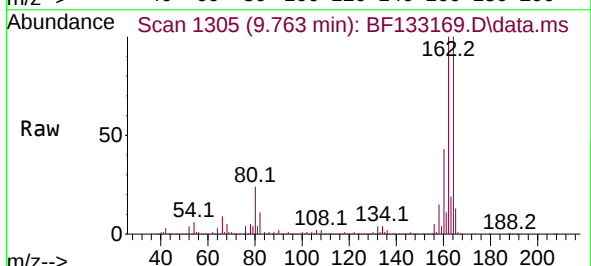
Manual Integrations
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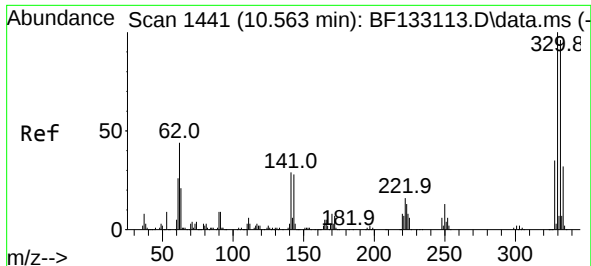
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Tgt Ion:164 Resp: 440361
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 42.7 35.8 53.6





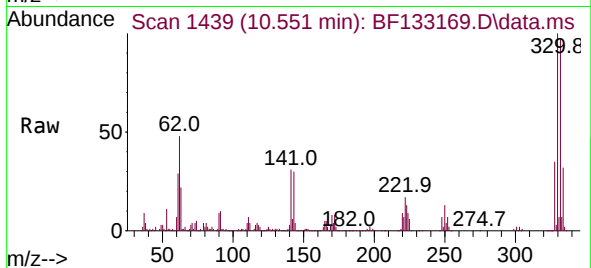
#42
2,4,6-Tribromophenol
Concen: 66.357 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Instrument :

BNA_F

ClientSampleId :

HR-03-042823

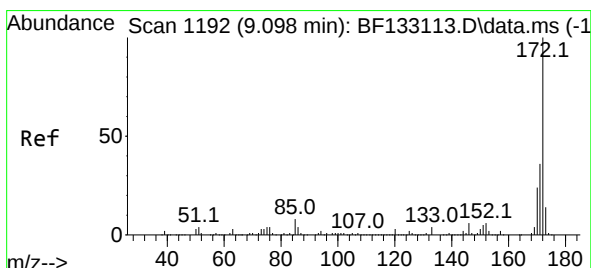
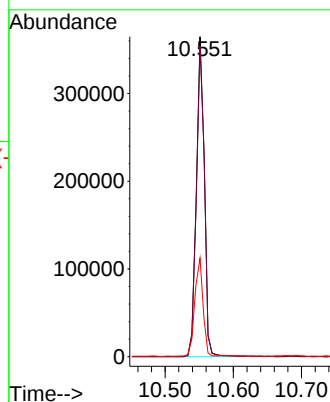
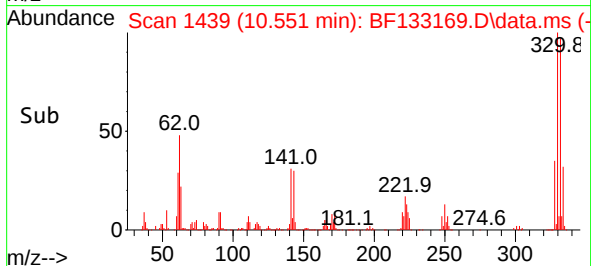


Tgt Ion:330 Resp: 293874
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 31.8 25.8 38.8

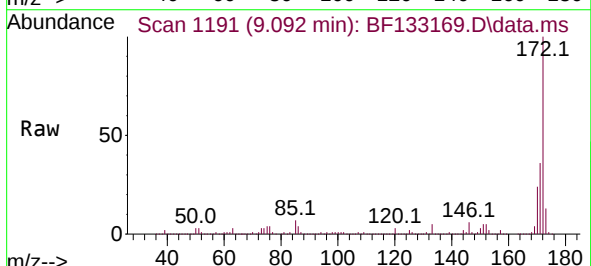
Manual Integrations

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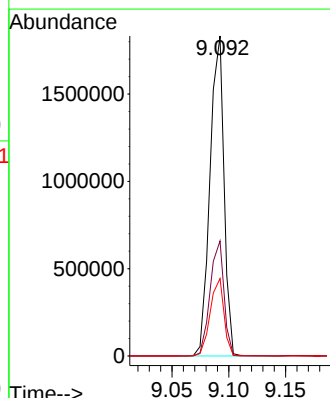
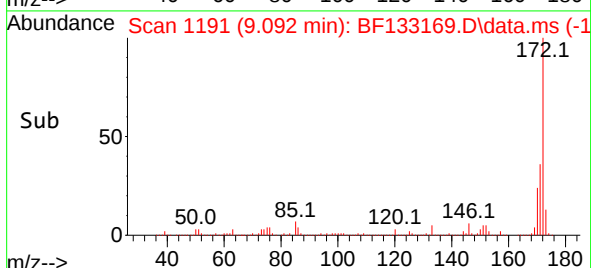
Reviewed By :Christian Giraldo 05/02/2023
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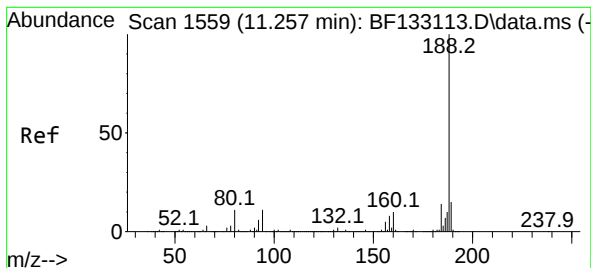


#45
2-Fluorobiphenyl
Concen: 59.600 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16



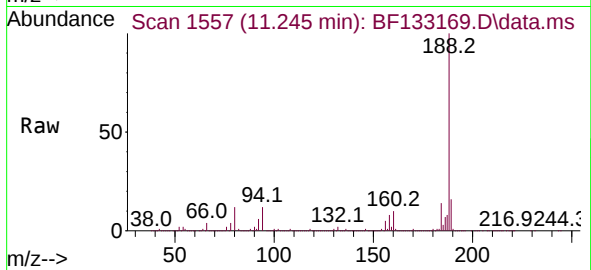
Tgt Ion:172 Resp: 1568775
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

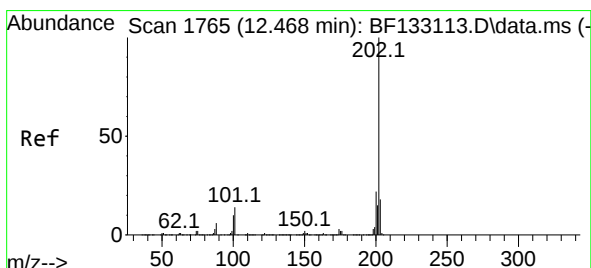
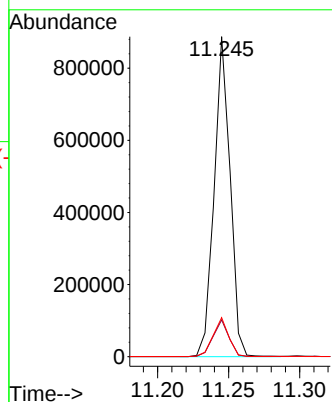
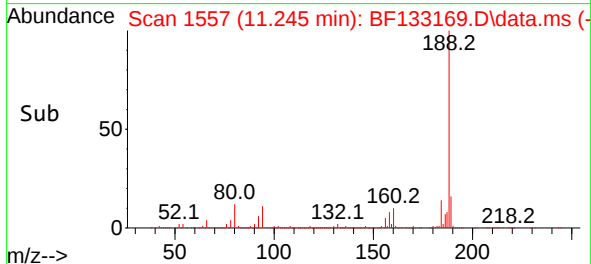
Instrument :
BNA_F
ClientSampleId :
HR-03-042823



Tgt Ion:188 Resp: 691304
Ion Ratio Lower Upper
188 100
94 11.5 9.7 14.5
80 12.2 10.4 15.6

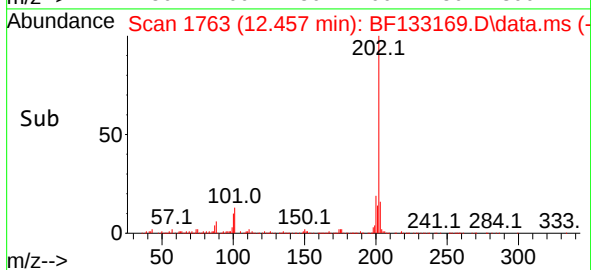
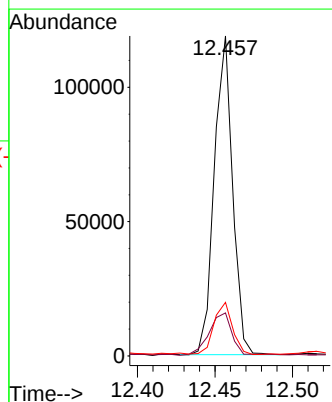
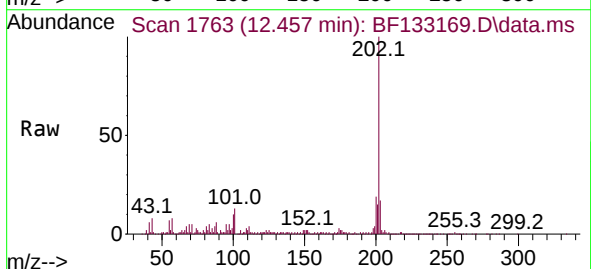
Manual Integrations
APPROVED

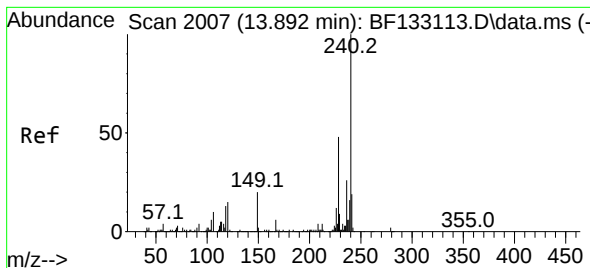
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#75
Fluoranthene
Concen: 2.616 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Tgt Ion:202 Resp: 97533
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.3
203 16.8 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133169.D

Acq: 01 May 2023 22:16

Instrument :

BNA_F

ClientSampleId :

HR-03-042823

Tgt Ion:240 Resp: 38891

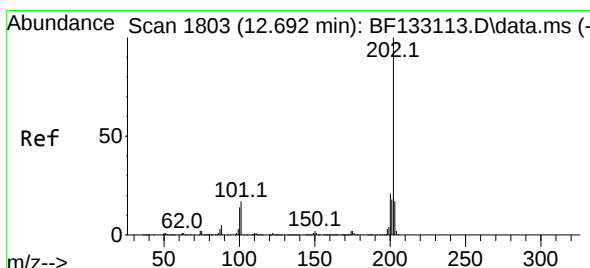
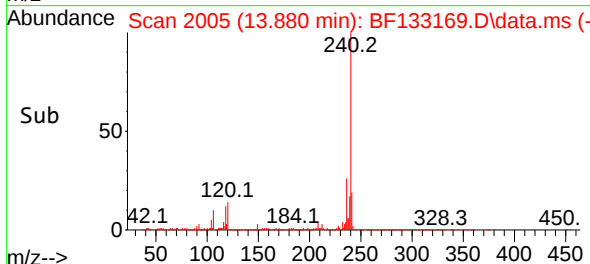
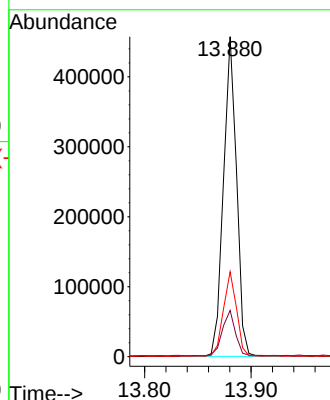
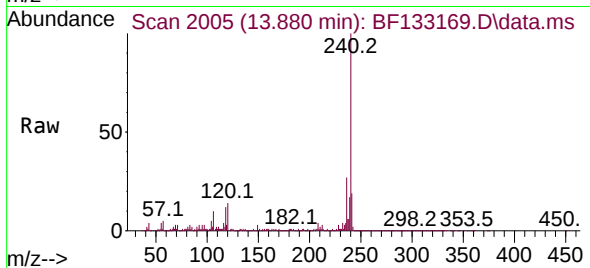
Ion	Ratio	Lower	Upper
240	100		
120	14.4	10.5	15.7
236	26.6	21.5	32.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#78

Pyrene

Concen: 2.995 ng

RT: 12.680 min Scan# 1801

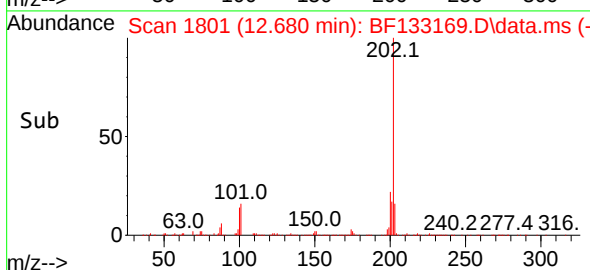
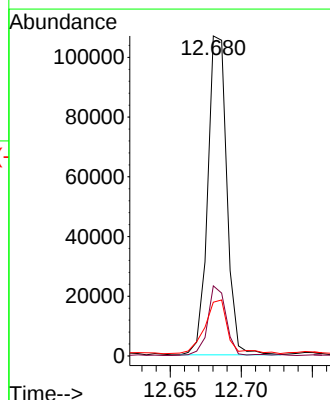
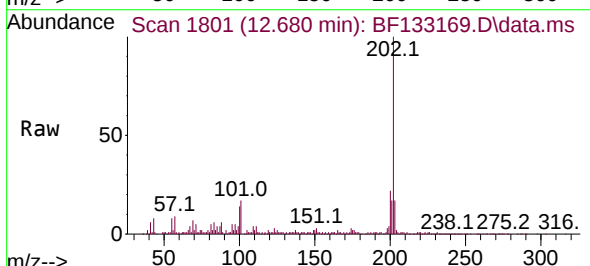
Delta R.T. -0.012 min

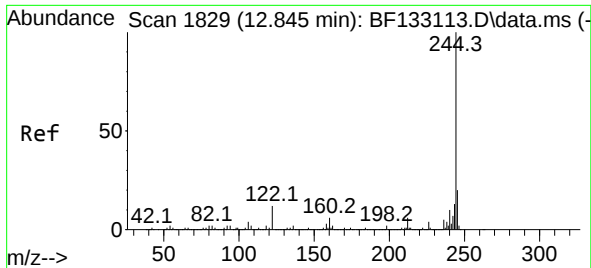
Lab File: BF133169.D

Acq: 01 May 2023 22:16

Tgt Ion:202 Resp: 99834

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	16.8	14.1	21.1





#79
Terphenyl-d14
Concen: 58.549 ng
RT: 12.833 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Instrument :

BNA_F

ClientSampleId :

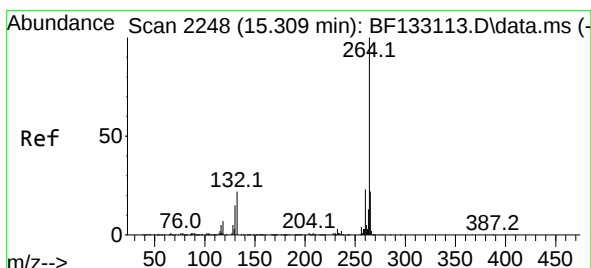
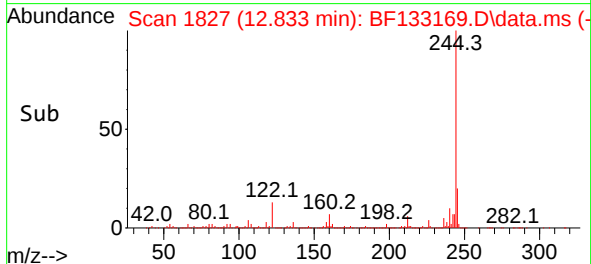
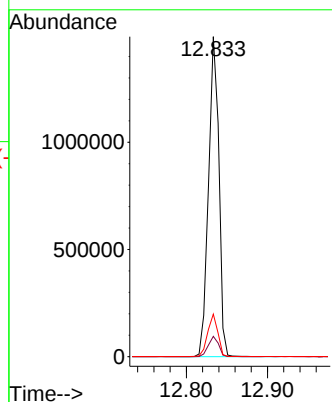
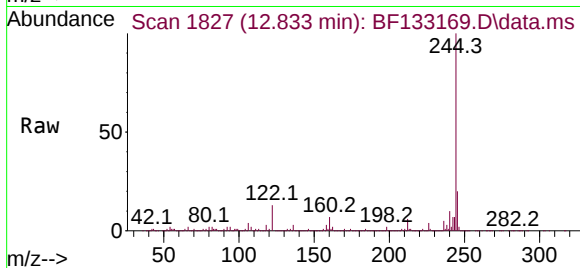
HR-03-042823

Tgt Ion:244 Resp: 132026
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 13.3 8.6 13.0

Manual Integrations

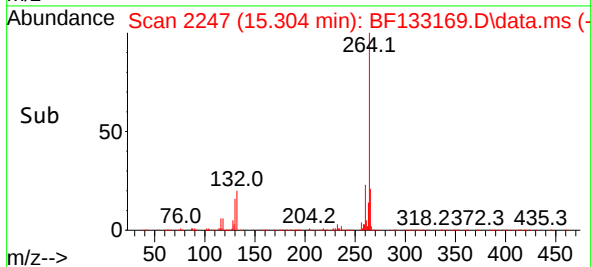
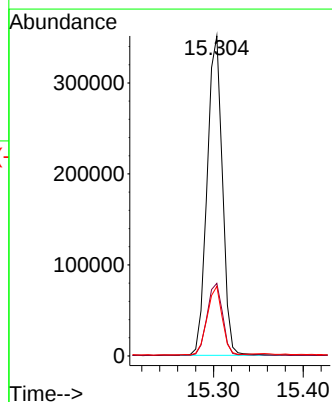
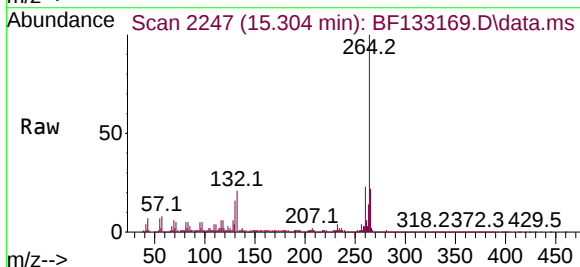
APPROVED

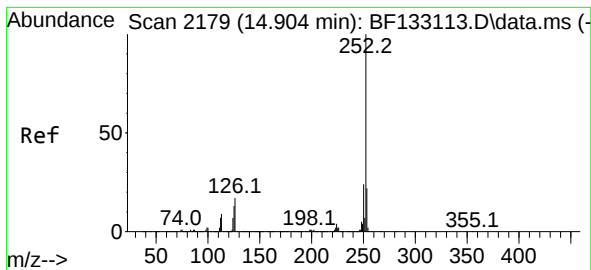
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF133169.D
Acq: 01 May 2023 22:16

Tgt Ion:264 Resp: 414153
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.8 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.443 ng m

RT: 14.898 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133169.D

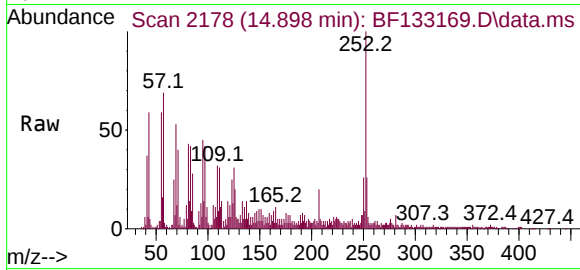
Acq: 01 May 2023 22:16

Instrument :

BNA_F

ClientSampleId :

HR-03-042823



Tgt Ion:252 Resp: 6435

Ion Ratio Lower Upper

252 100

253 26.0 17.6 26.4

125 31.3 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023

