

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133394.D
 Acq On : 15 May 2023 20:57
 Operator : CG\JU
 Sample : 02750-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-2-051123

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 16 03:15:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	172945	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	644917	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	292136	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	523170	20.000	ng	0.00
76) Chrysene-d12	13.874	240	370462	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	296094	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	834145	72.859	ng	0.00
7) Phenol-d6	6.363	99	973278	68.491	ng	0.00
23) Nitrobenzene-d5	7.281	82	556723	46.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	211130	71.862	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1004147	57.505	ng	0.00
79) Terphenyl-d14	12.827	244	1127907	52.509	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.451	202	71968	2.550	ng	96
78) Pyrene	12.674	202	80394	2.532	ng	96
88) Benzo(b)fluoranthene	14.898	252	37789m	2.006	ng	

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

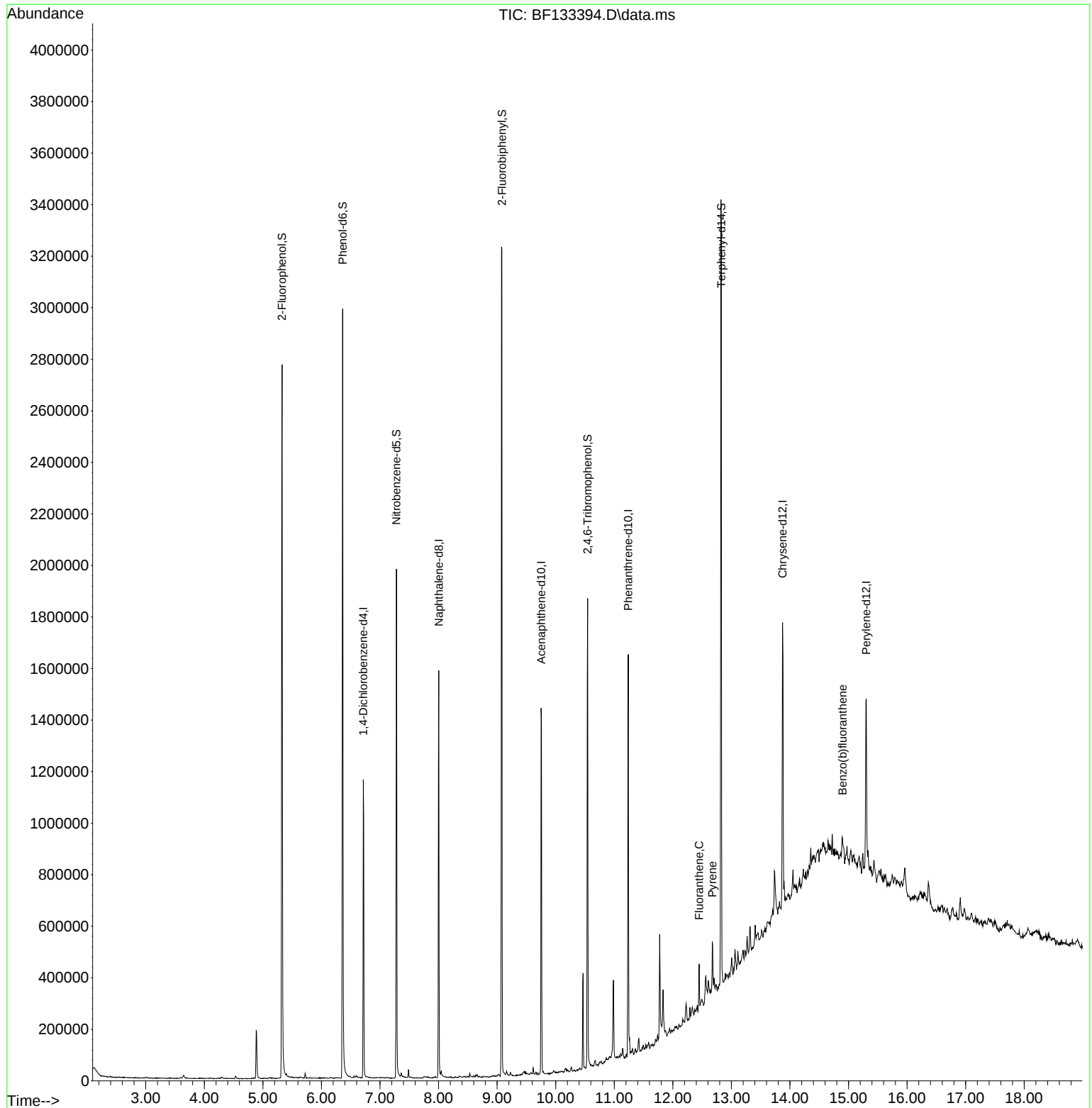
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133394.D
Acq On : 15 May 2023 20:57
Operator : CG\JU
Sample : 02750-03
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ALS Vial : 16 Sample Multiplier: 1

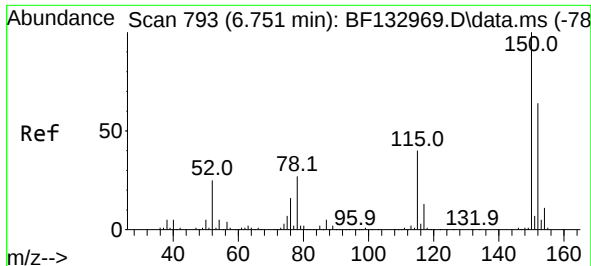
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

Quant Time: May 16 03:15:30 2023
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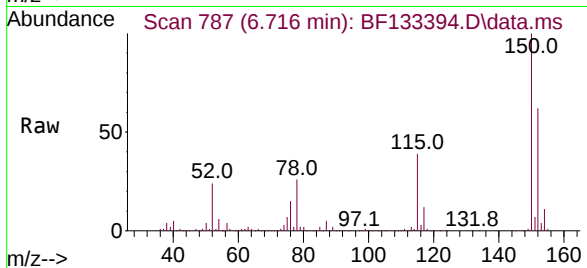
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

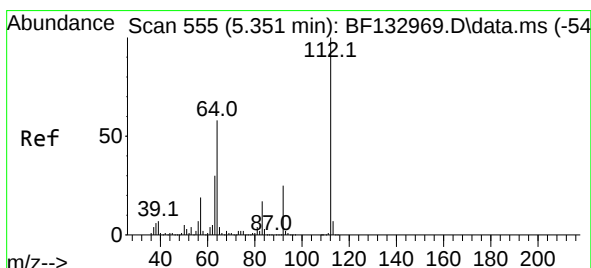
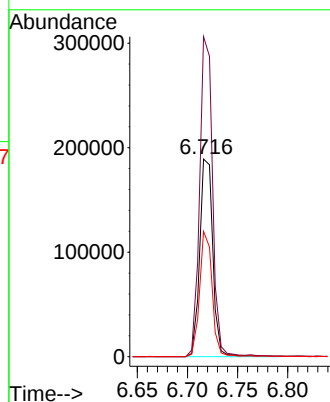
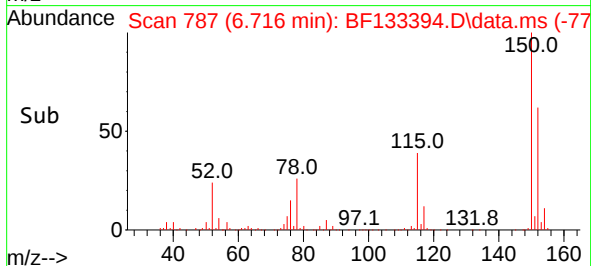


Tgt Ion:152 Resp: 172945
Ion Ratio Lower Upper
152 100
150 162.0 124.8 187.2
115 63.5 49.9 74.9

Manual Integrations

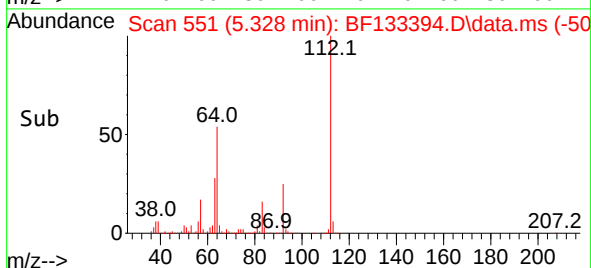
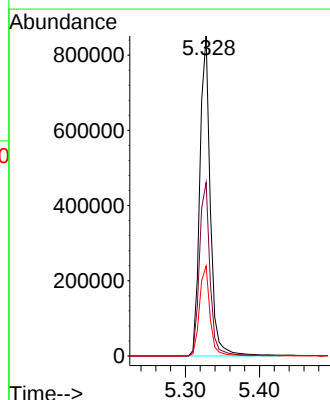
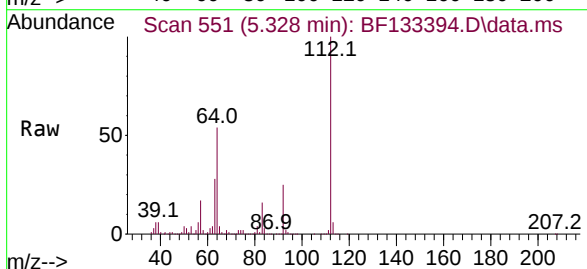
APPROVED

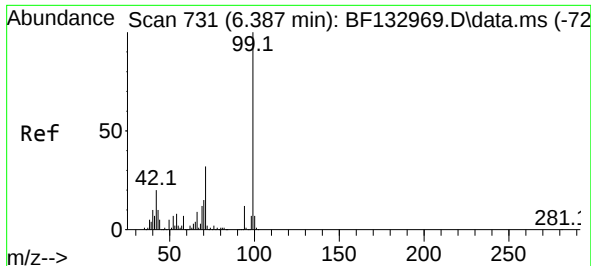
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#5
2-Fluorophenol
Concen: 72.859 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

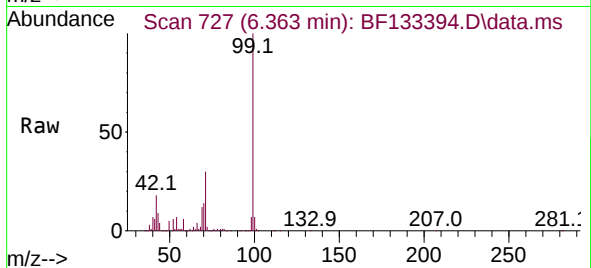
Tgt Ion:112 Resp: 834145
Ion Ratio Lower Upper
112 100
64 54.2 46.8 70.2
63 28.1 23.8 35.8





#7
Phenol-d6
Concen: 68.491 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

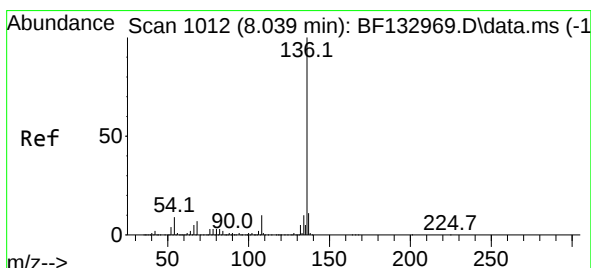
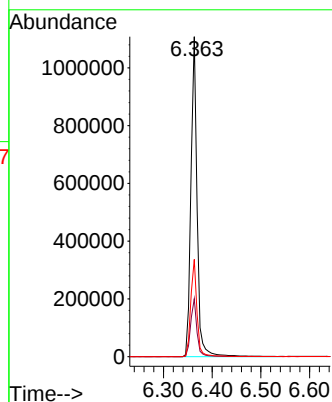
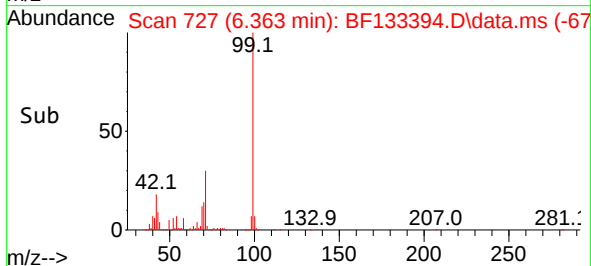
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123



Tgt Ion: 99 Resp: 973278
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 30.4 25.6 38.4

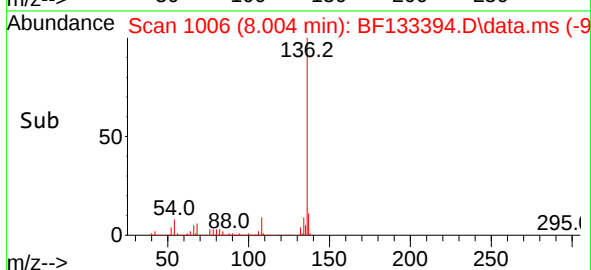
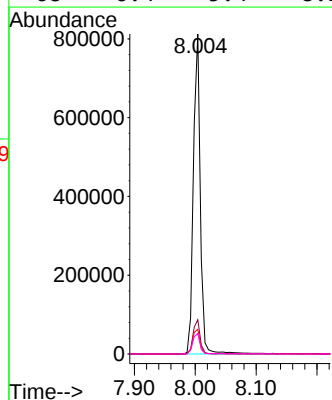
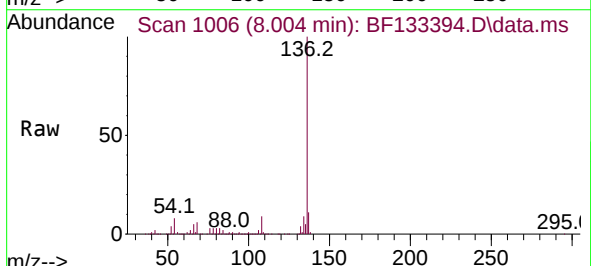
Manual Integrations
APPROVED

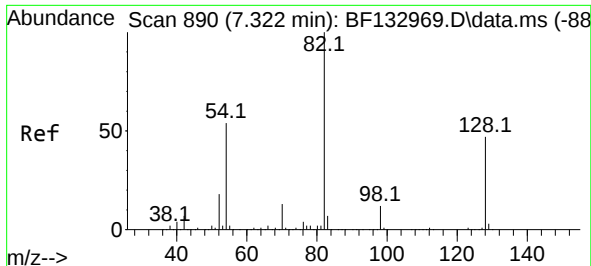
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

Tgt Ion:136 Resp: 644917
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.7 7.0 10.4
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 46.595 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133394.D

Acq: 15 May 2023 20:57

Instrument :

BNA_F

ClientSampleId :

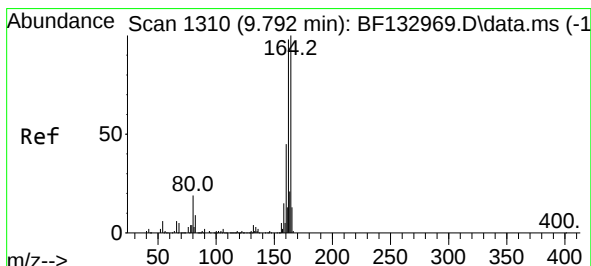
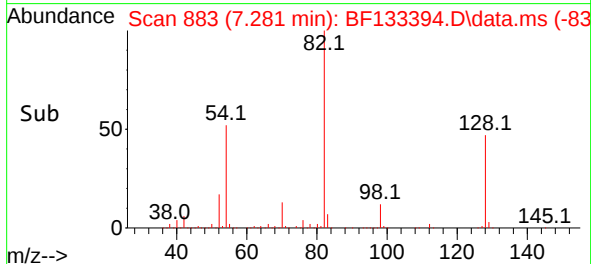
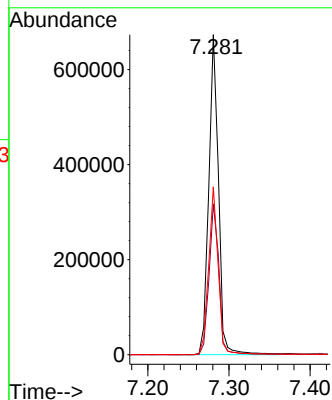
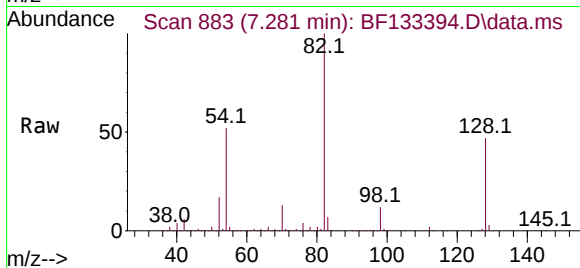
PAT-2-051123

Tgt Ion: 82 Resp: 55672

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	52.4	43.0	64.4

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Supervised By :Yogesh Patel 05/16/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

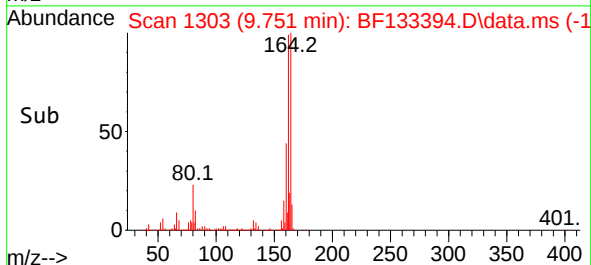
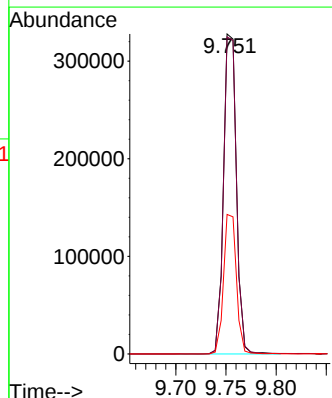
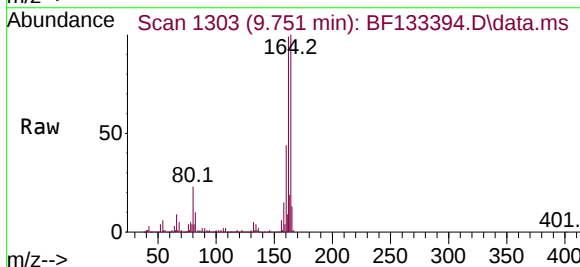
Delta R.T. -0.006 min

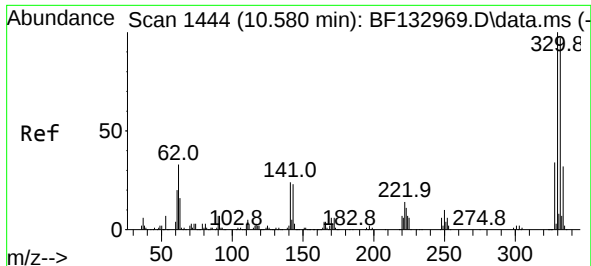
Lab File: BF133394.D

Acq: 15 May 2023 20:57

Tgt Ion:164 Resp: 292136

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.7	118.1
160	43.6	35.8	53.6





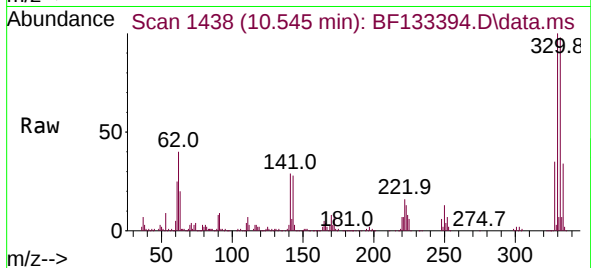
#42
2,4,6-Tribromophenol
Concen: 71.862 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

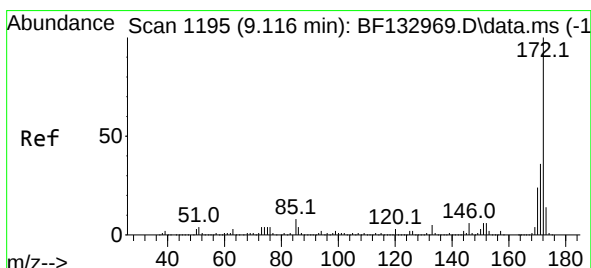
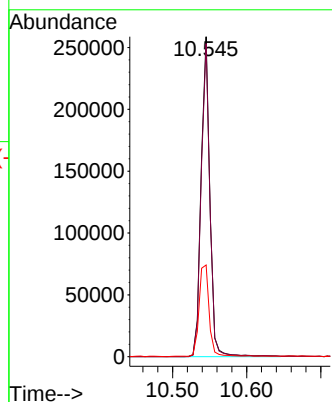
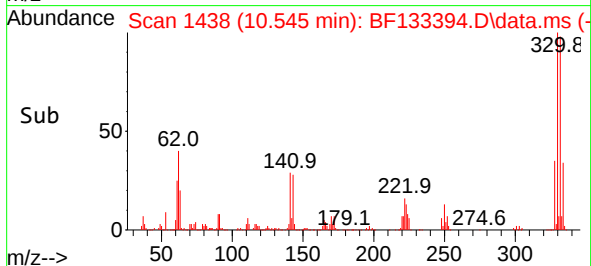


Tgt Ion: 330 Resp: 211130
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 33.9 25.8 38.8

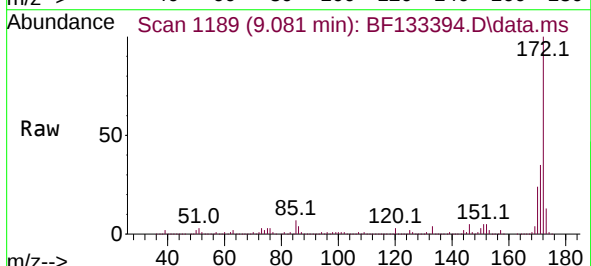
Manual Integrations

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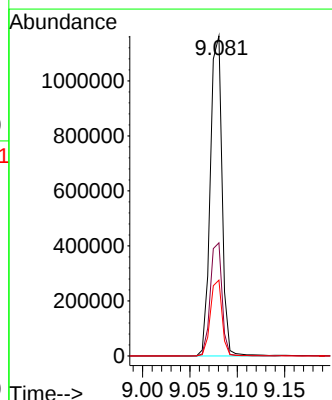
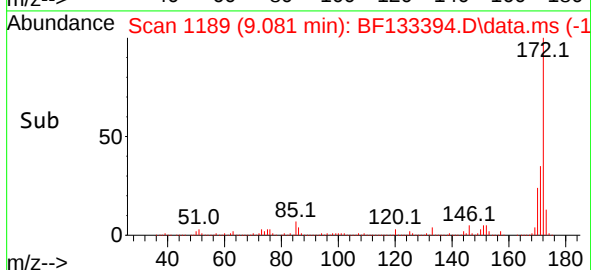
Reviewed By : Christian Giraldo 05/16/2023
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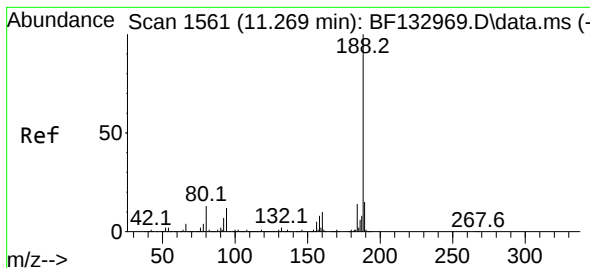


#45
2-Fluorobiphenyl
Concen: 57.505 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57



Tgt Ion: 172 Resp: 1004147
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133394.D

Acq: 15 May 2023 20:57

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

Tgt Ion:188 Resp: 523170

Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

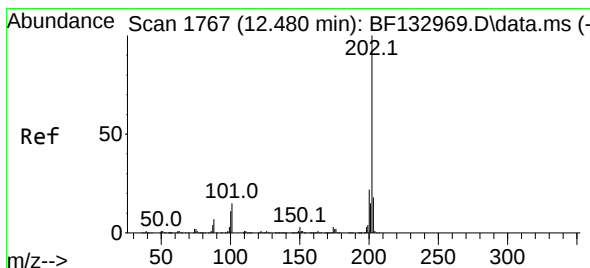
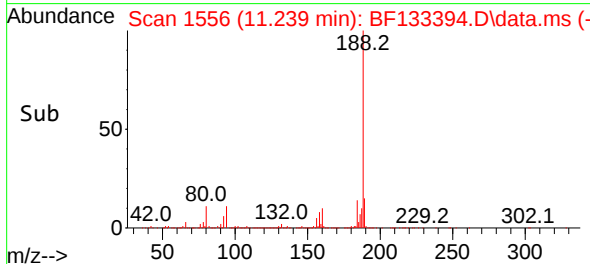
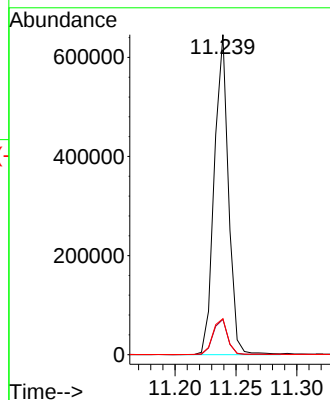
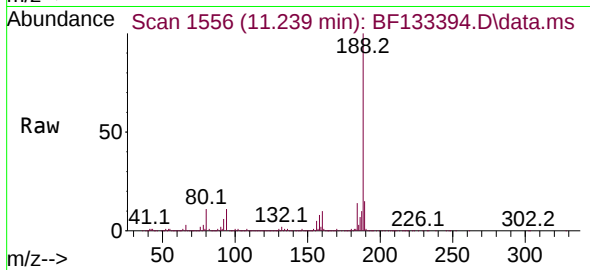
80 11.3 10.4 15.6

Manual Integrations

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Supervised By :Yogesh Patel 05/16/2023



#75

Fluoranthene

Concen: 2.550 ng

RT: 12.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BF133394.D

Acq: 15 May 2023 20:57

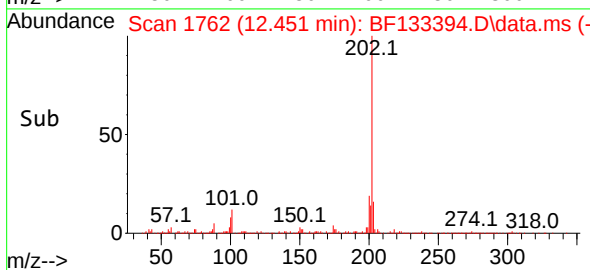
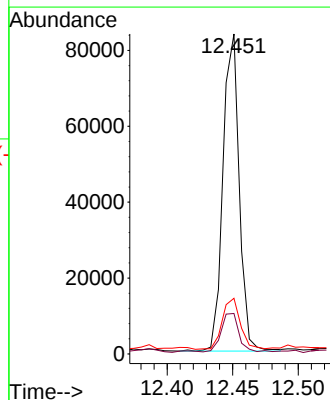
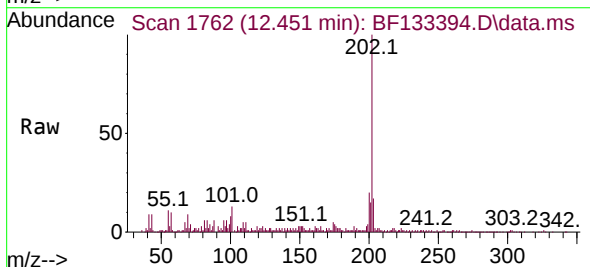
Tgt Ion:202 Resp: 71968

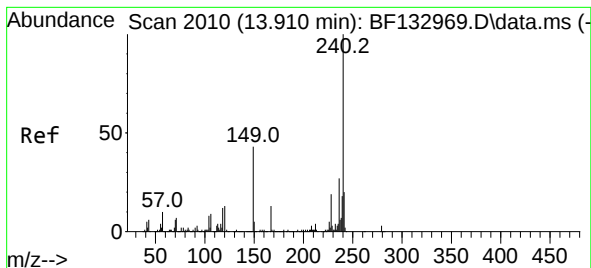
Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.3

203 17.4 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF133394.D

Acq: 15 May 2023 20:57

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

Tgt Ion:240 Resp: 370462

Ion Ratio Lower Upper

240 100

120 15.8 10.5 15.7

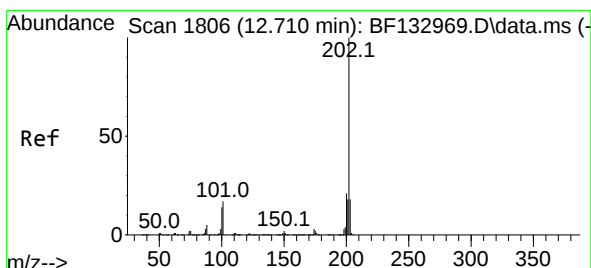
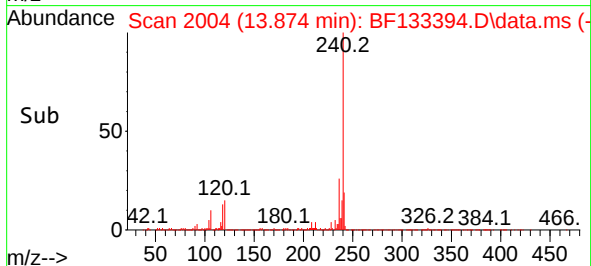
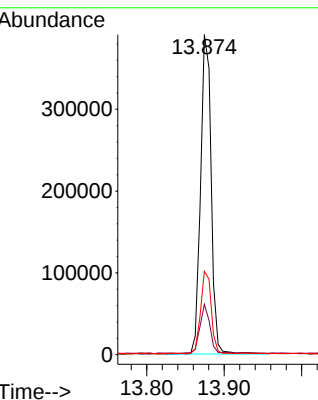
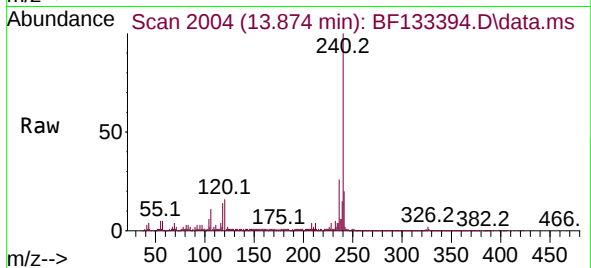
236 26.0 21.5 32.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#78

Pyrene

Concen: 2.532 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF133394.D

Acq: 15 May 2023 20:57

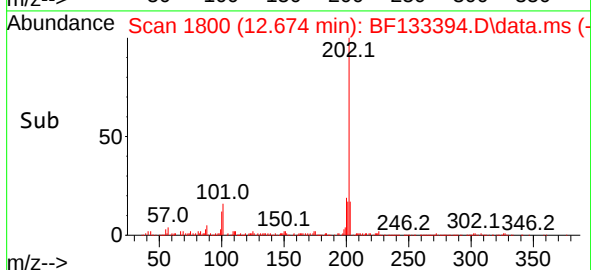
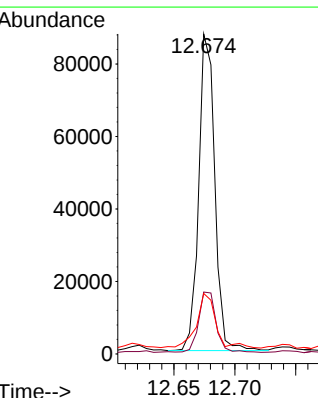
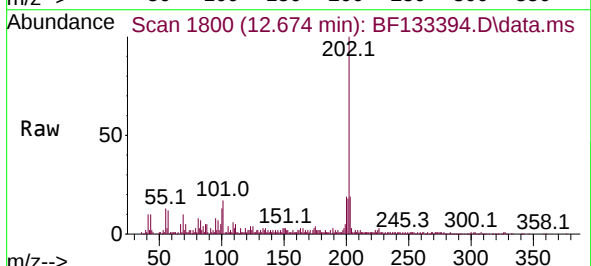
Tgt Ion:202 Resp: 80394

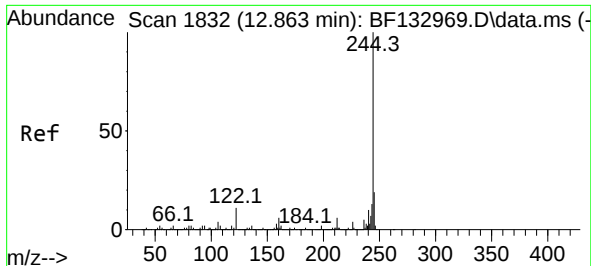
Ion Ratio Lower Upper

202 100

200 19.3 17.1 25.7

203 18.9 14.1 21.1





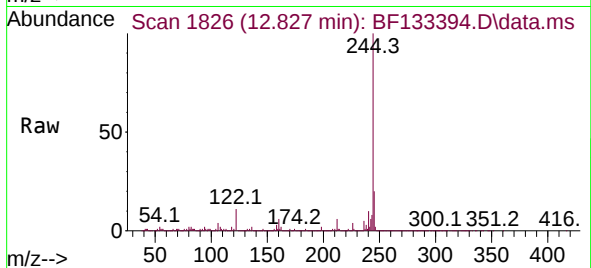
#79
Terphenyl-d14
Concen: 52.509 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123

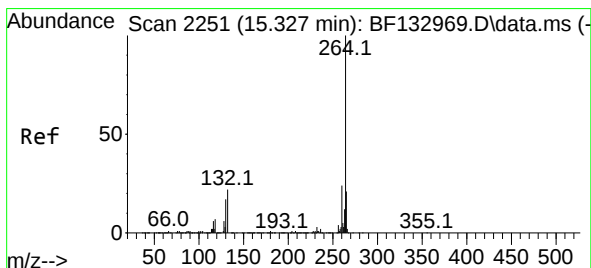
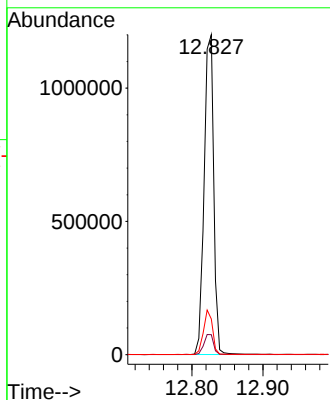
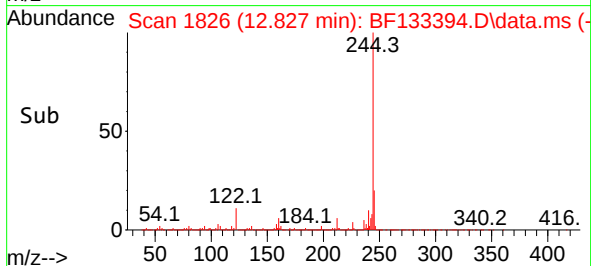


Tgt Ion:244 Resp: 112790
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.1 8.6 13.0

Manual Integrations

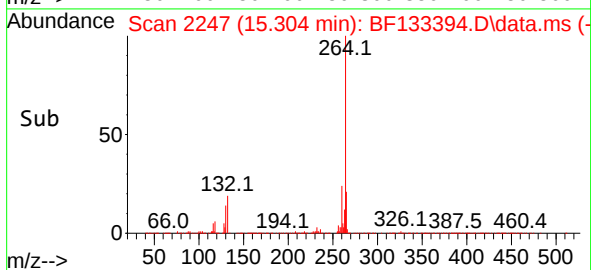
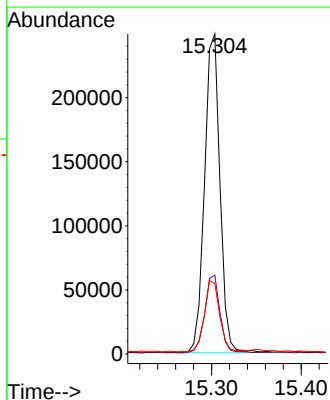
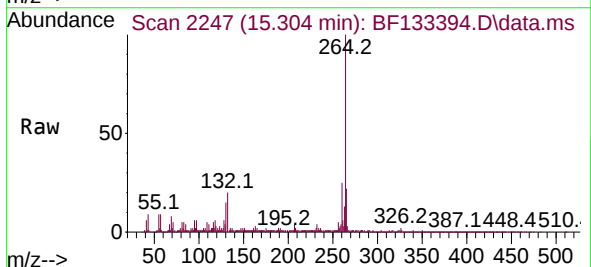
APPROVED

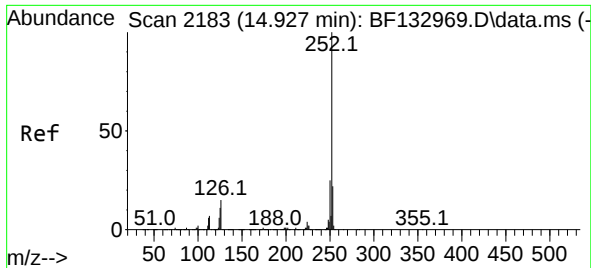
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.012 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

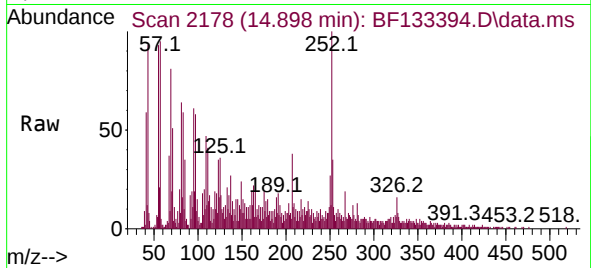
Tgt Ion:264 Resp: 296094
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 22.1 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.006 ng m
RT: 14.898 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133394.D
Acq: 15 May 2023 20:57

Instrument :
BNA_F
ClientSampleId :
PAT-2-051123



Tgt Ion:252 Resp: 37789
Ion Ratio Lower Upper
252 100
253 35.1 17.6 26.4
125 35.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

