

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133299.D
 Acq On : 08 May 2023 17:30
 Operator : CG\JU
 Sample : 02652-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLAY-LINER

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 05:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	157716	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	563638	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	131407m	20.000	ng	0.04
64) Phenanthrene-d10	11.345	188	67311m	20.000	ng	0.10
76) Chrysene-d12	13.921	240	223719	20.000	ng	# 0.04
86) Perylene-d12	15.321	264	381042	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	907489	86.920	ng	0.00
7) Phenol-d6	6.363	99	1070703	82.623	ng	0.00
23) Nitrobenzene-d5	7.281	82	602953	57.742	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	64823	49.051	ng	0.06
45) 2-Fluorobiphenyl	9.092	172	949530	120.889	ng	0.00
79) Terphenyl-d14	12.910	244	265202	20.445	ng	0.08
Target Compounds						Qvalue
32) Benzoic acid	7.734	122	42408m	7.845	ng	

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

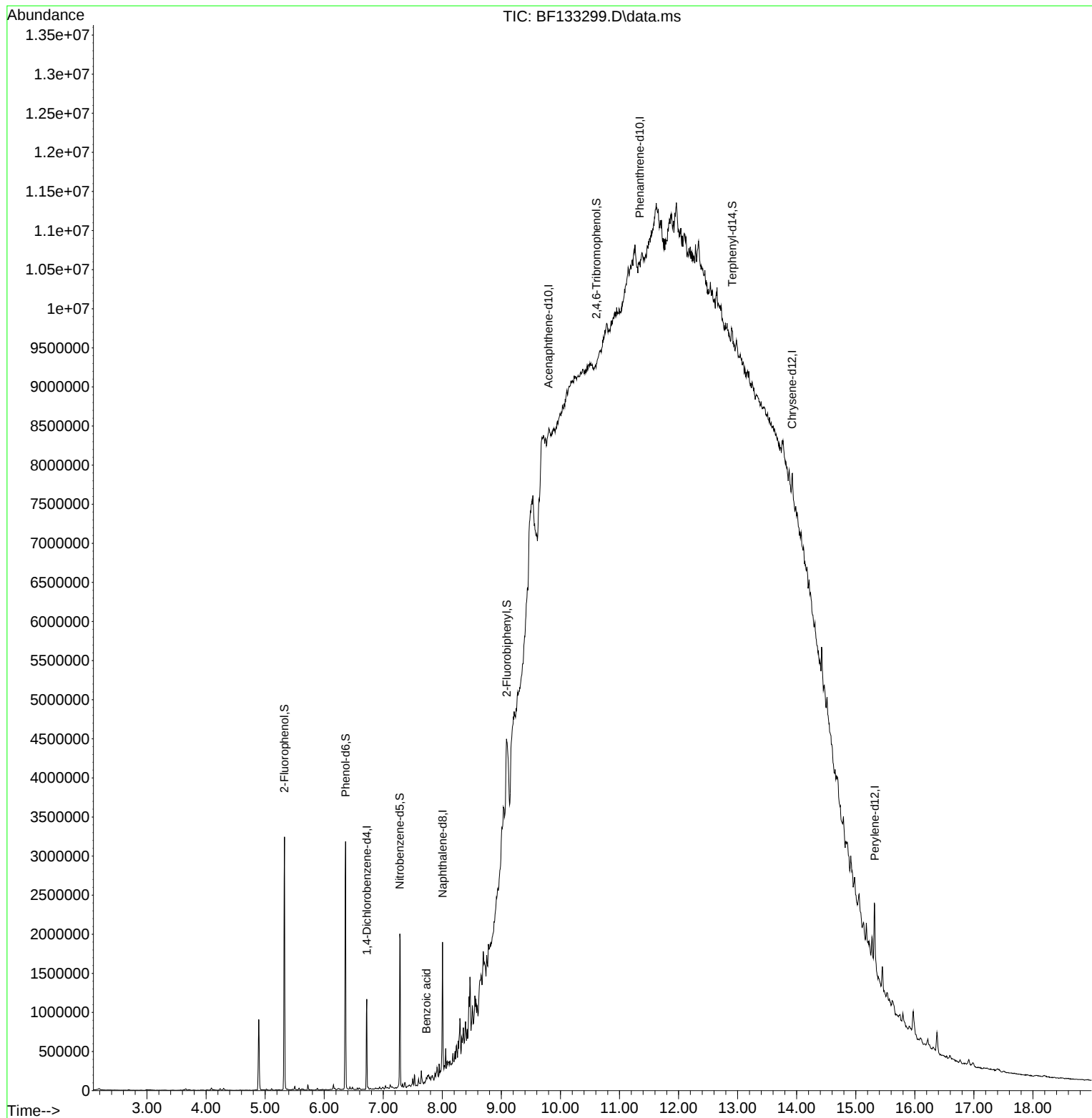
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
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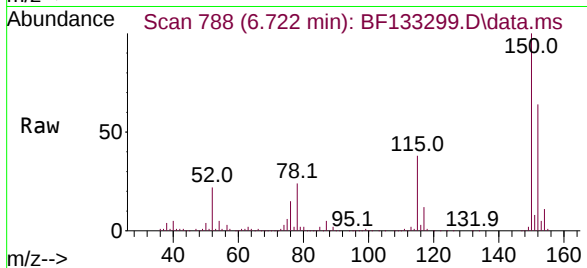
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

Instrument :

BNA_F

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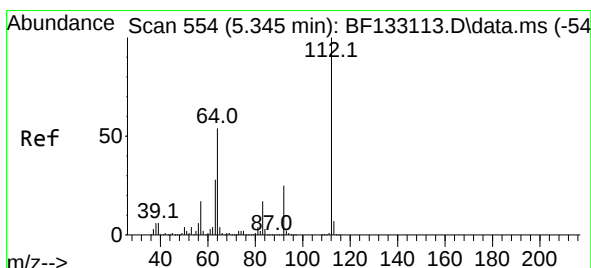
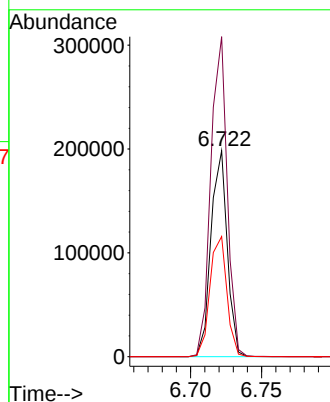
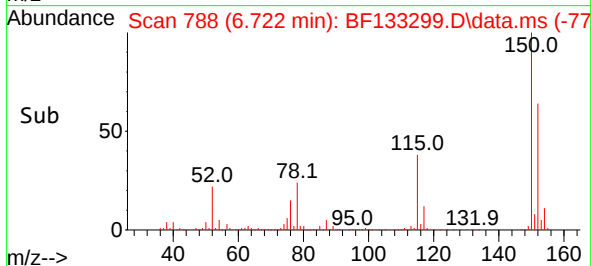


Tgt Ion:152 Resp: 157710
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 58.4 49.9 74.9

Manual Integrations

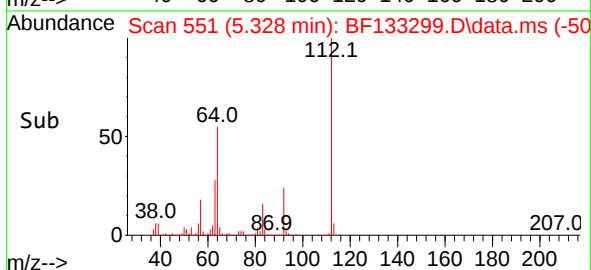
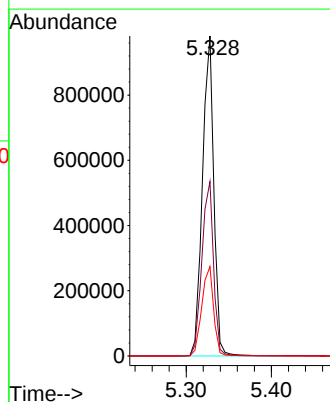
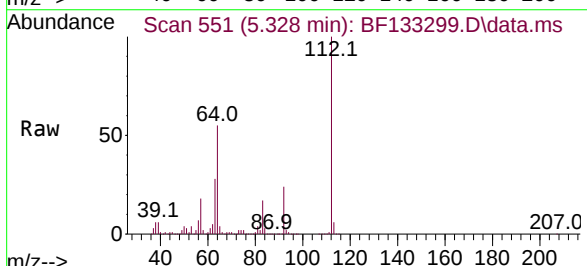
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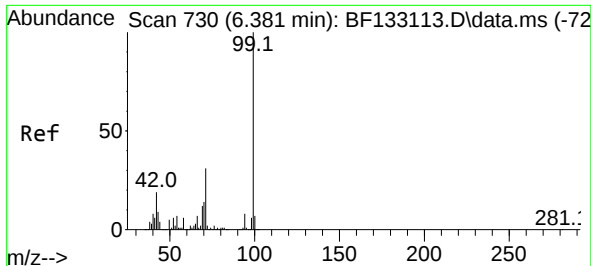
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#5
2-Fluorophenol
Concen: 86.920 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

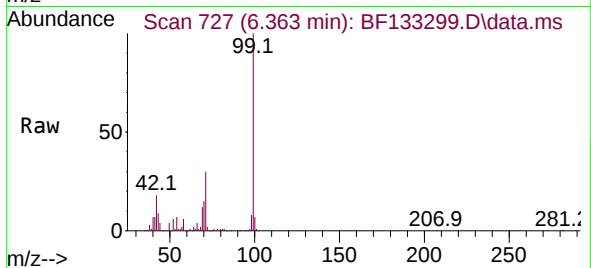
Tgt Ion:112 Resp: 907489
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 27.9 23.8 35.8





#7
Phenol-d6
Concen: 82.623 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

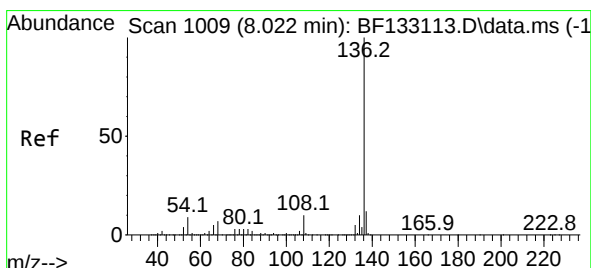
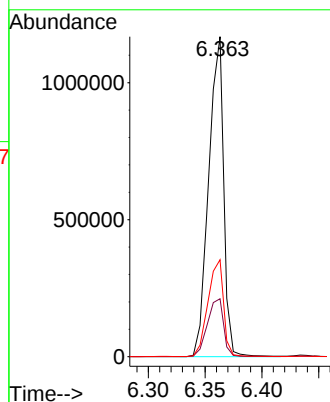
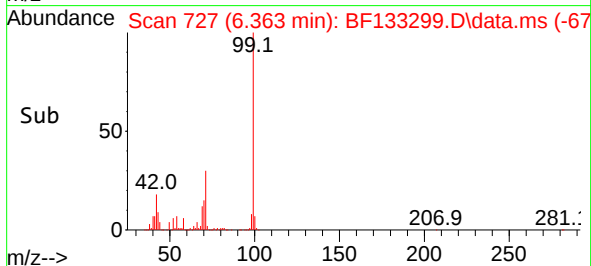
Instrument :
BNA_F
ClientSampleId :
CLAY-LINER



Tgt Ion: 99 Resp: 107070
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 30.3 25.6 38.4

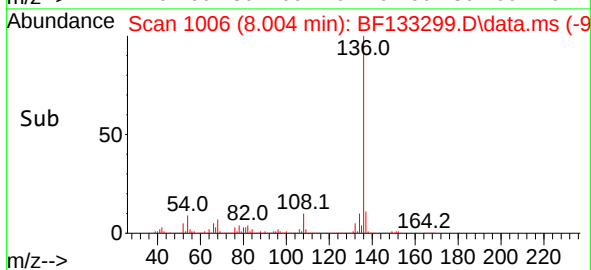
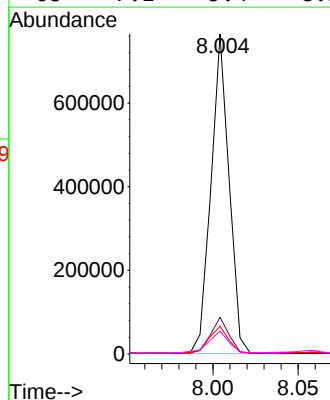
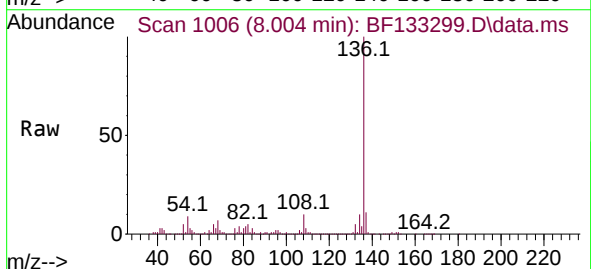
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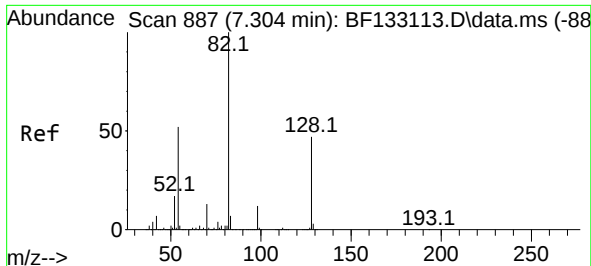
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

Tgt Ion:136 Resp: 563638
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.6 7.0 10.4
68 7.1 5.4 8.2





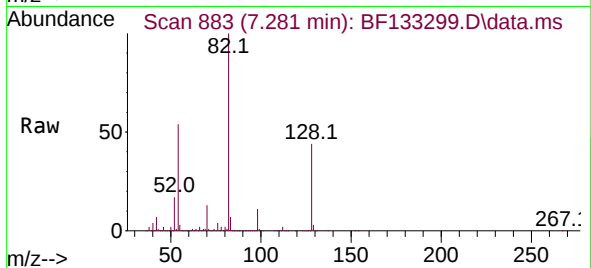
#23
Nitrobenzene-d5
Concen: 57.742 ng
RT: 7.281 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

Instrument :

BNA_F

ClientSampleId :

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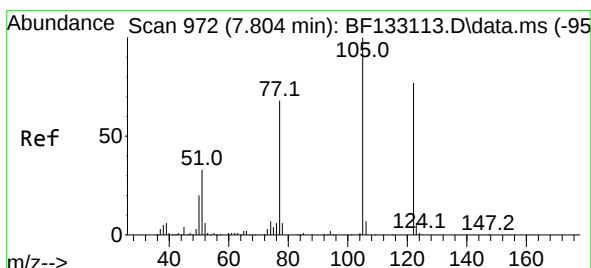
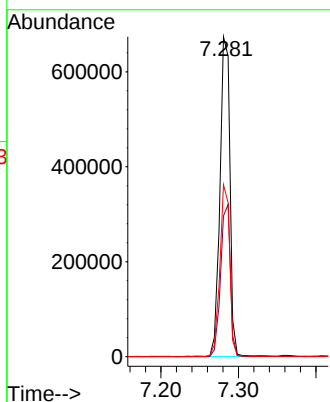
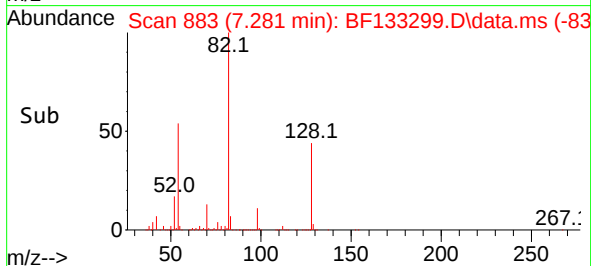


Tgt Ion: 82 Resp: 60295
Ion Ratio Lower Upper
82 100
128 44.0 37.7 56.5
54 53.8 43.0 64.4

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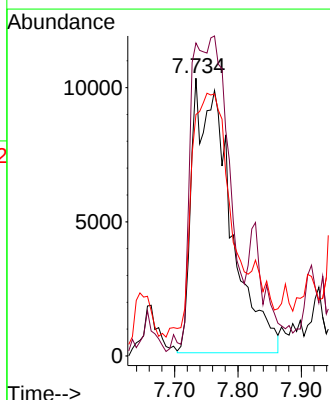
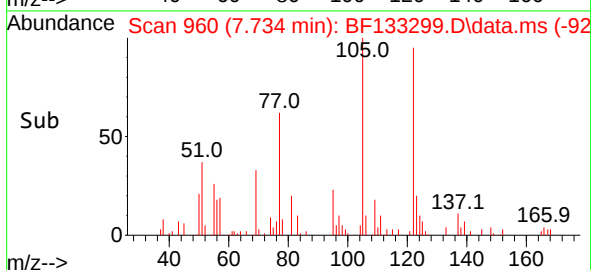
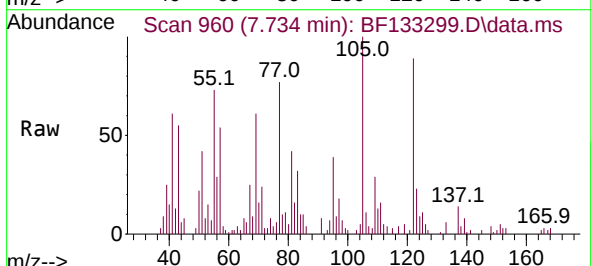
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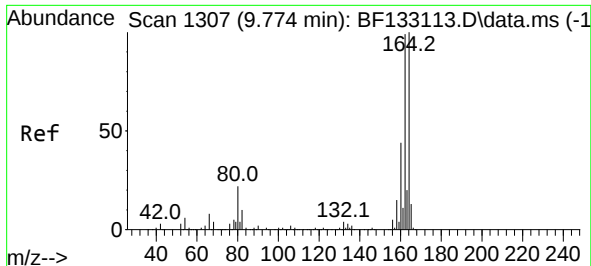
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#32
Benzoic acid
Concen: 7.845 ng m
RT: 7.734 min Scan# 960
Delta R.T. -0.070 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

Tgt Ion:122 Resp: 42408
Ion Ratio Lower Upper
122 100
105 112.7 104.2 144.2
77 86.9 69.7 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng m

RT: 9.798 min Scan# 1311

Delta R.T. 0.035 min

Lab File: BF133299.D

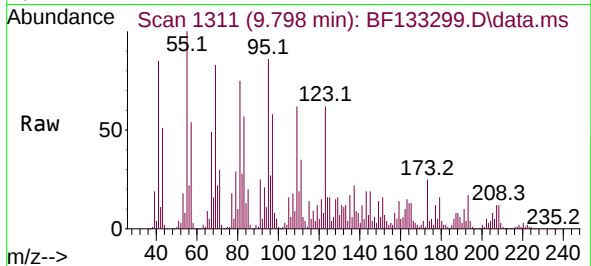
Acq: 08 May 2023 17:30

Instrument :

BNA_F

ClientSampleId :

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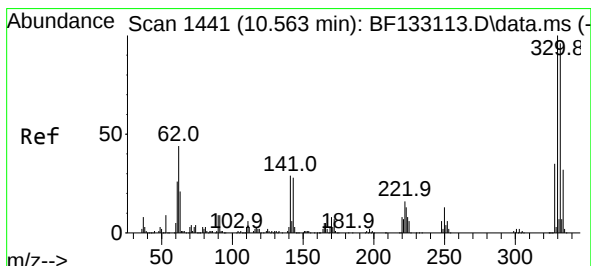
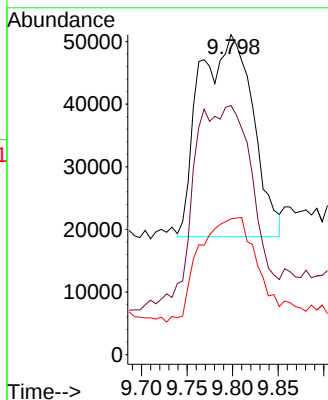
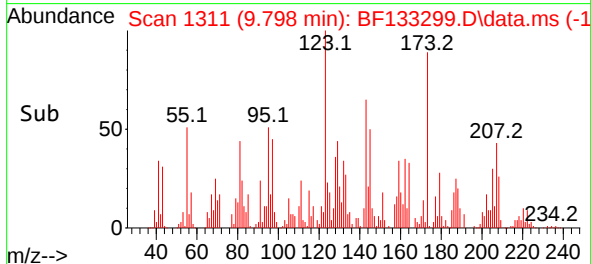
Tgt Ion:	164	Resp:	13140
Ion Ratio	Lower	Upper	
164	100		
162	77.9	78.7	118.1
160	42.4	35.8	53.6

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Supervised By :Jagrut Upadhyay 05/09/2023



#42

2,4,6-Tribromophenol

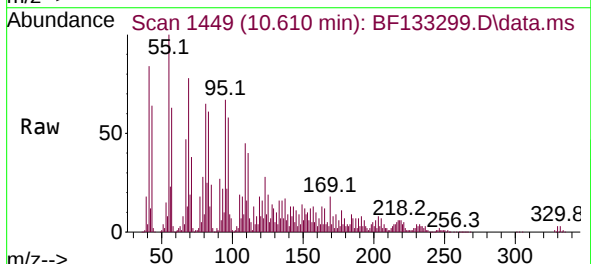
Concen: 49.051 ng

RT: 10.610 min Scan# 1449

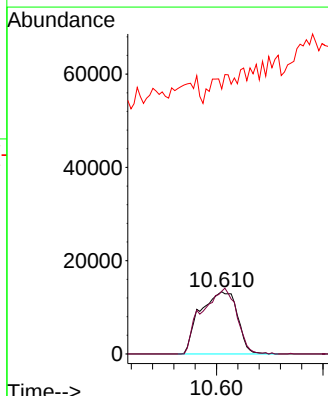
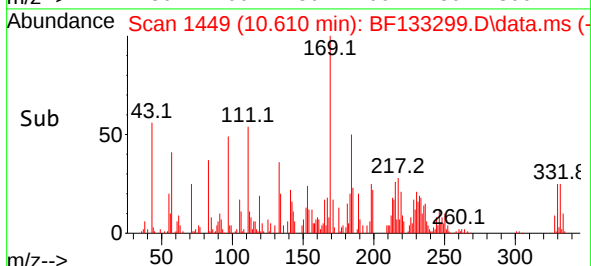
Delta R.T. 0.059 min

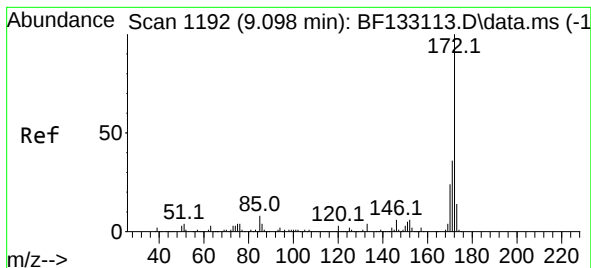
Lab File: BF133299.D

Acq: 08 May 2023 17:30



Tgt Ion:	330	Resp:	64823
Ion Ratio	Lower	Upper	
330	100		
332	99.2	77.1	115.7
141	13.3	25.8	38.8





#45

2-Fluorobiphenyl

Concen: 120.889 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF133299.D

Acq: 08 May 2023 17:30

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:172 Resp: 949530

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

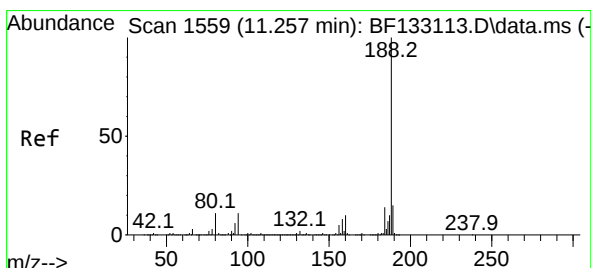
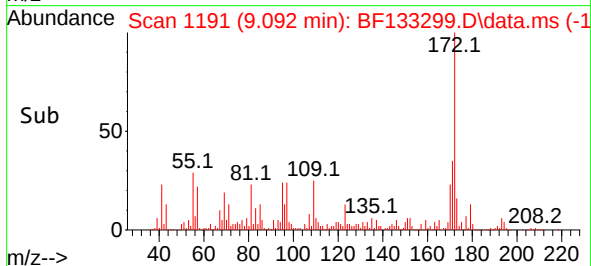
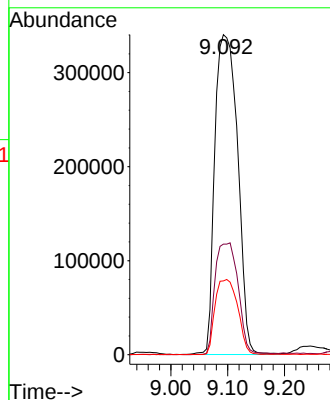
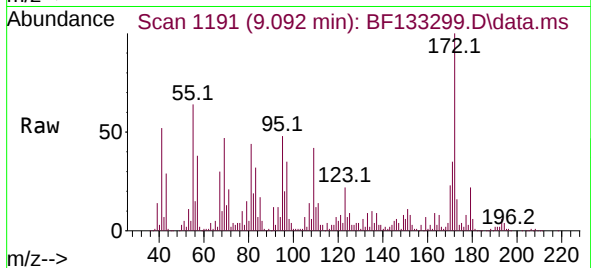
170 23.0 19.4 29.2

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng m

RT: 11.345 min Scan# 1574

Delta R.T. 0.100 min

Lab File: BF133299.D

Acq: 08 May 2023 17:30

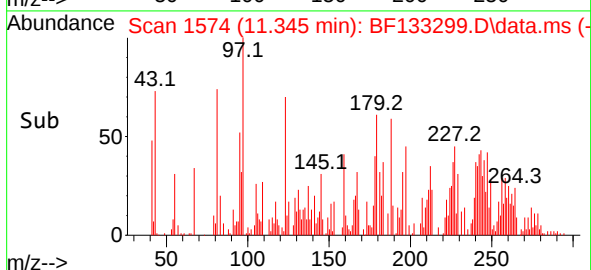
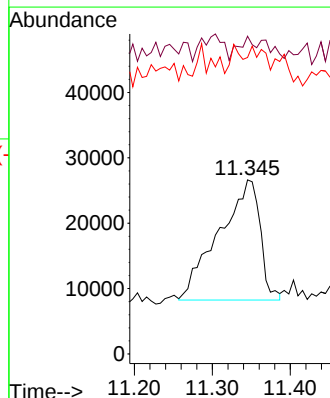
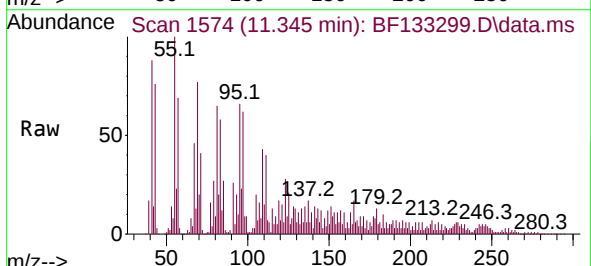
Tgt Ion:188 Resp: 67311

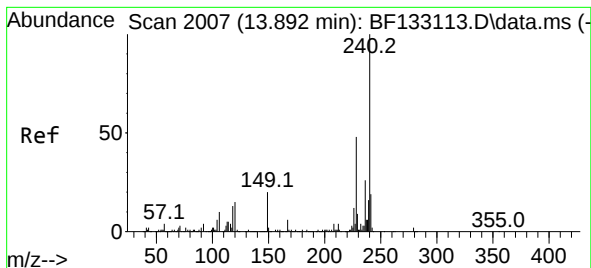
Ion Ratio Lower Upper

188 100

94 182.6 9.7 14.5#

80 170.4 10.4 15.6#





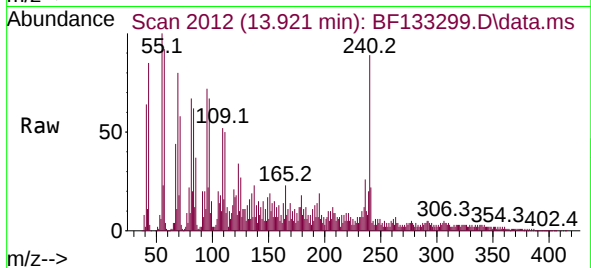
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2007
Delta R.T. 0.041 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

Instrument :

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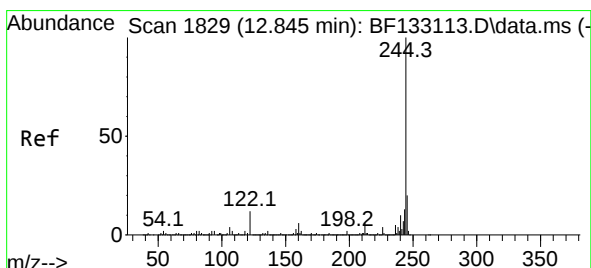
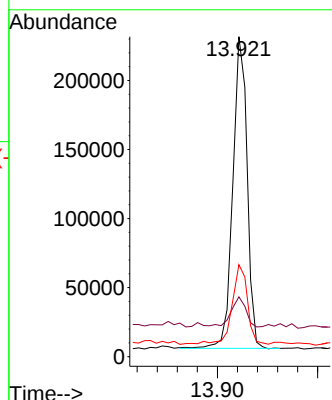
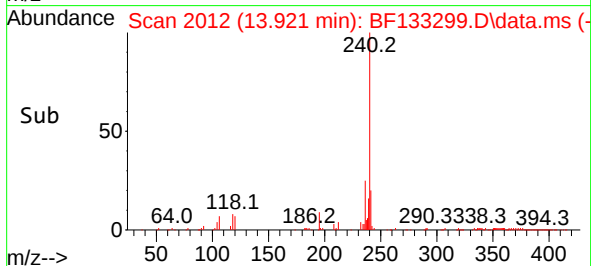


Tgt Ion:240 Resp: 223719
Ion Ratio Lower Upper
240 100
120 18.7 10.5 15.7#
236 28.7 21.5 32.3#

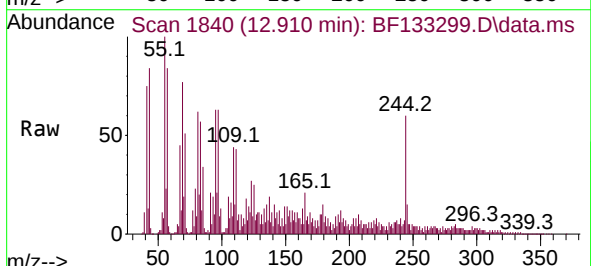
Manual Integrations

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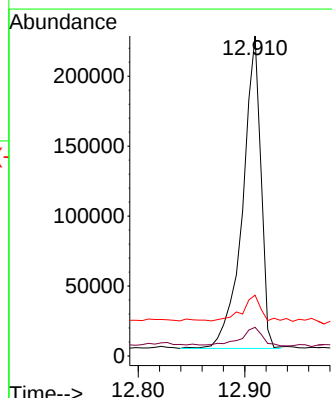
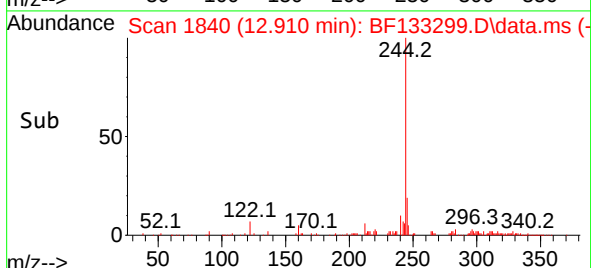
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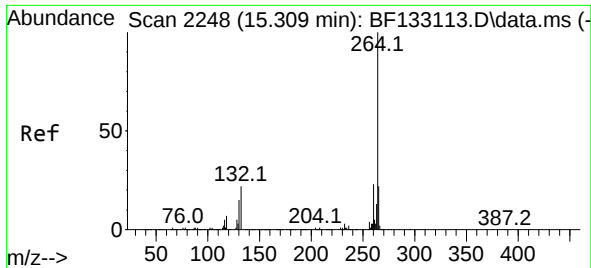


#79
Terphenyl-d14
Concen: 20.445 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.077 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30



Tgt Ion:244 Resp: 265202
Ion Ratio Lower Upper
244 100
212 8.9 5.1 7.7#
122 19.0 8.6 13.0#





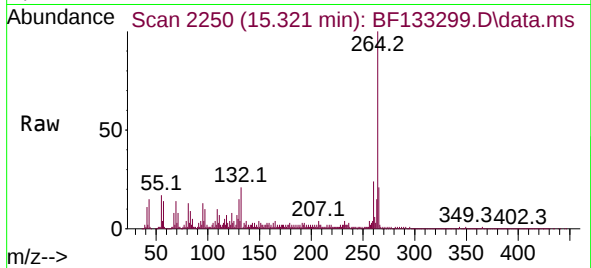
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.321 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF133299.D
Acq: 08 May 2023 17:30

Instrument :

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Tgt Ion:264 Resp: 38104
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.4 17.0 25.4

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