

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133142.D
 Acq On : 29 Apr 2023 02:08
 Operator : CG\JU
 Sample : 02522-07DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 05:07:21 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 03:03:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	205554	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	835985	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	435356	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	752143	20.000	ng	0.00
76) Chrysene-d12	13.880	240	535782	20.000	ng	-0.01
86) Perylene-d12	15.304	264	406420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	304647	22.388	ng	0.00
7) Phenol-d6	6.369	99	329974	19.537	ng	-0.01
23) Nitrobenzene-d5	7.298	82	641722	41.434	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	271477	62.005	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1179966	45.344	ng	0.00
79) Terphenyl-d14	12.839	244	1287012	41.429	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.387	94	43873	2.355	ng	99
17) 2-Methylphenol	6.992	107	33553	2.652	ng	# 78
20) 3+4-Methylphenols	7.145	107	32710	2.196	ng	# 74
27) 2,4-Dimethylphenol	7.692	122	583505m	44.954	ng	
31) Naphthalene	8.039	128	518573	12.407	ng	98
37) 2-Methylnaphthalene	8.728	142	103253	3.613	ng	98
38) 1-Methylnaphthalene	8.828	142	108212	4.048	ng	99

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

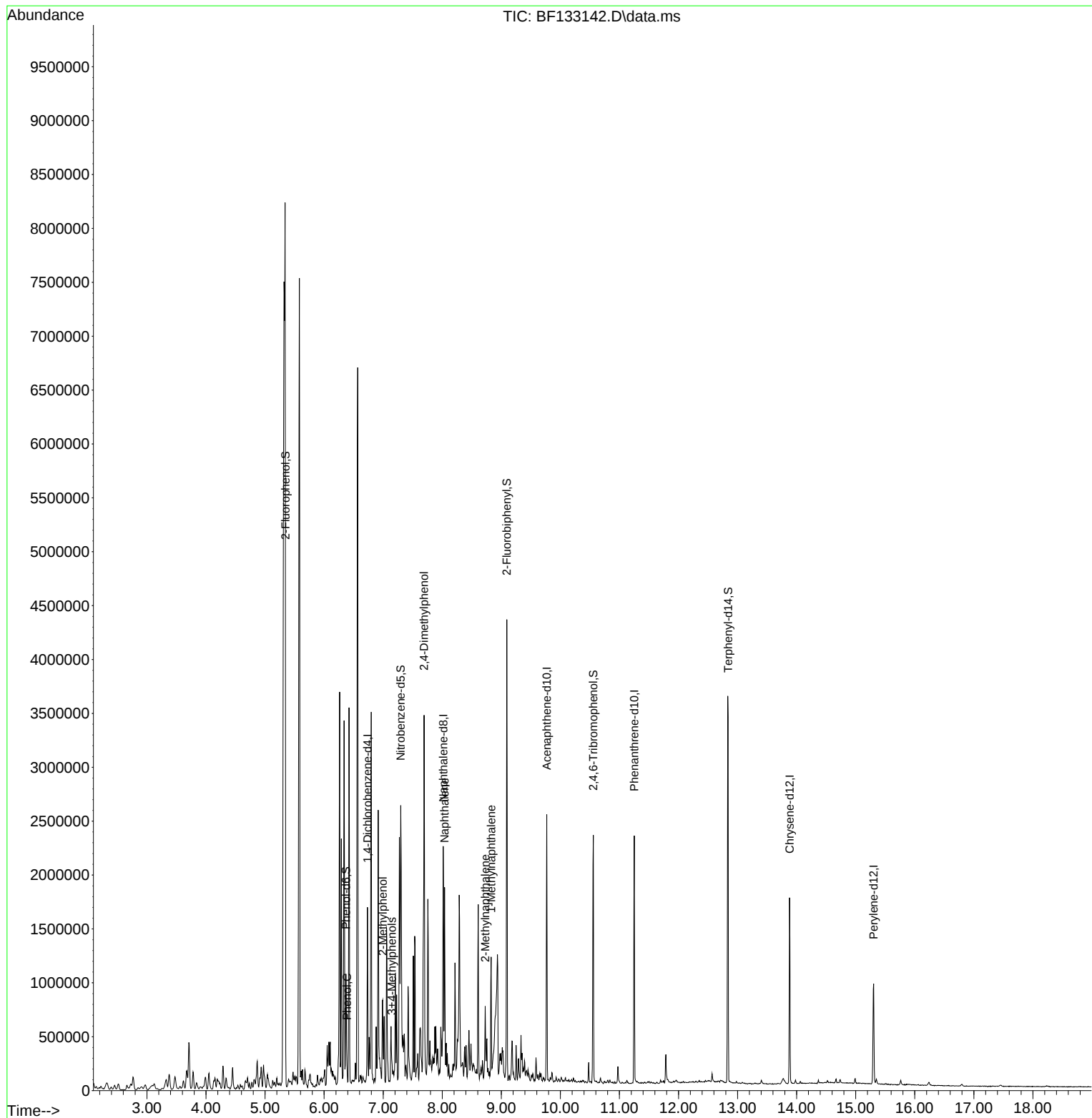
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
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ALS Vial : 20 Sample Multiplier: 1

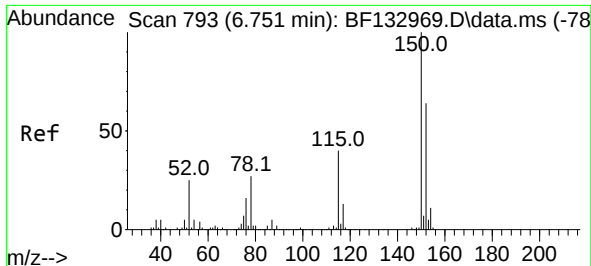
Instrument :
BNA_F
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Quant Time: May 01 05:07:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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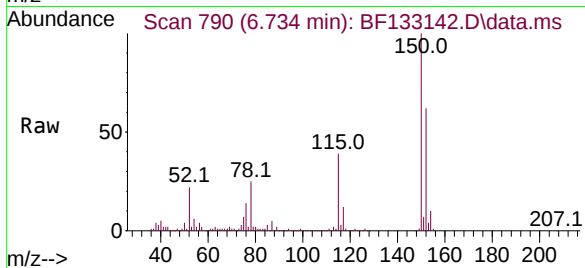
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133142.D
 Acq: 29 Apr 2023 02:08

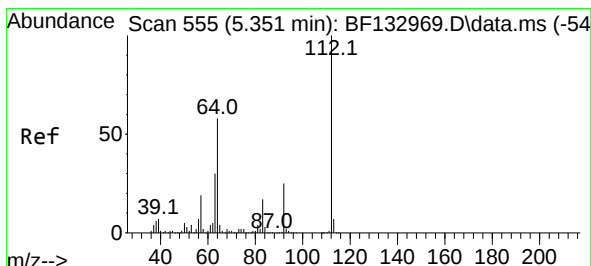
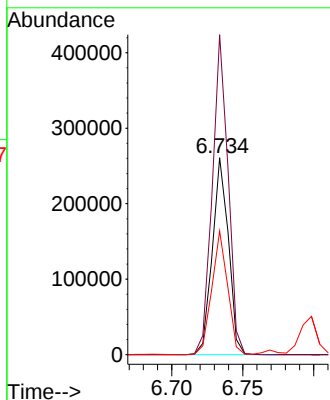
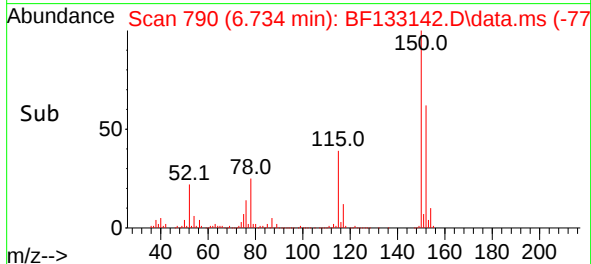
Instrument :
 BNA_F
 ClientSampleId :
 MW-6DL



Tgt Ion:152 Resp: 205554
 Ion Ratio Lower Upper
 152 100
 150 162.5 124.8 187.2
 115 62.8 49.9 74.9

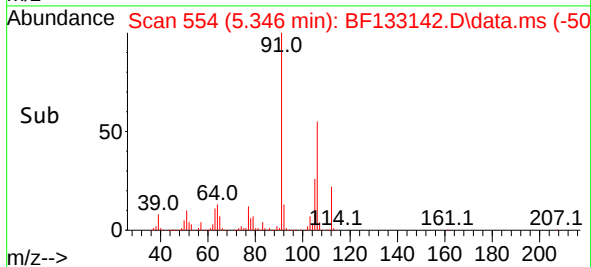
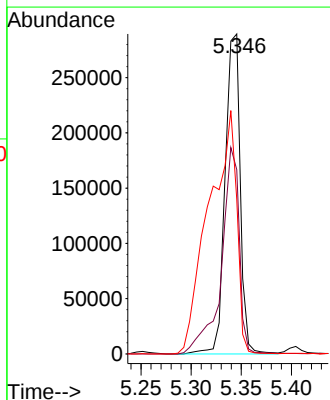
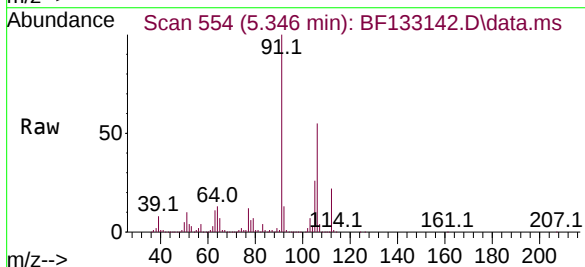
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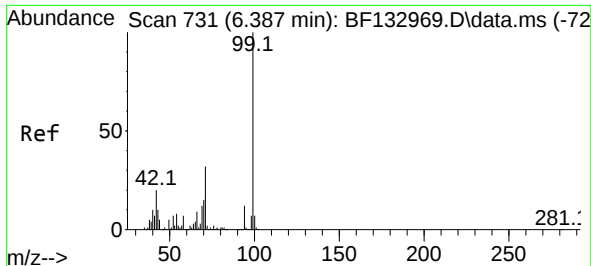
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#5
 2-Fluorophenol
 Concen: 22.388 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133142.D
 Acq: 29 Apr 2023 02:08

Tgt Ion:112 Resp: 304647
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.8 70.2
 63 48.3 23.8 35.8#





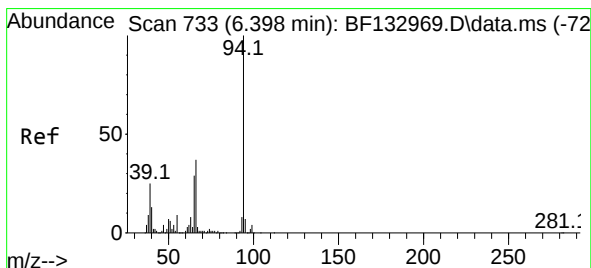
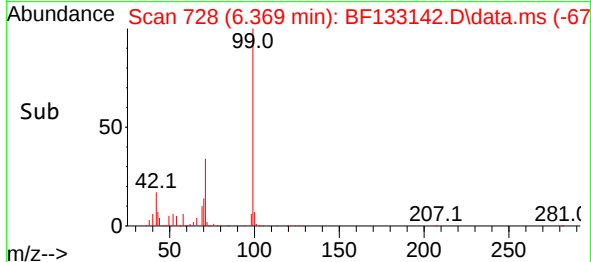
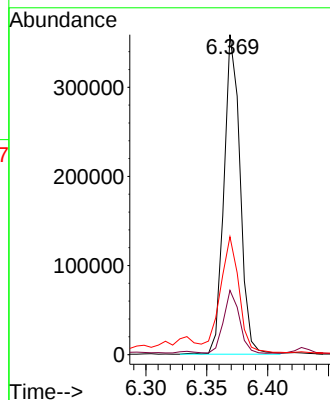
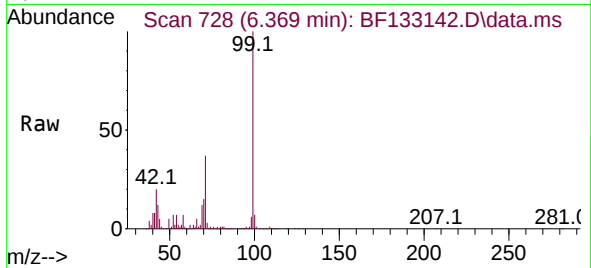
#7
Phenol-d6
Concen: 19.537 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Instrument :
BNA_F
ClientSampleId :
MW-6DL

Tgt Ion: 99 Resp: 329974
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 36.8 25.6 38.4

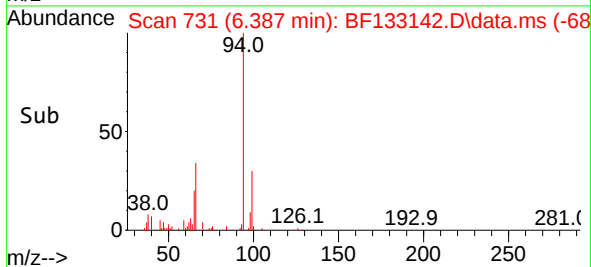
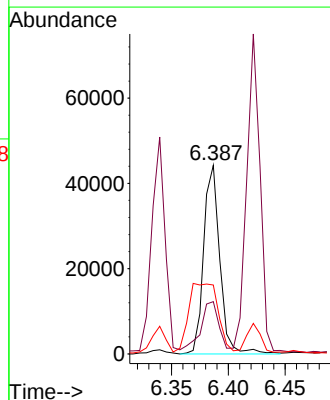
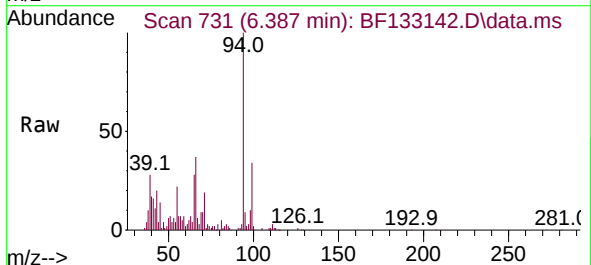
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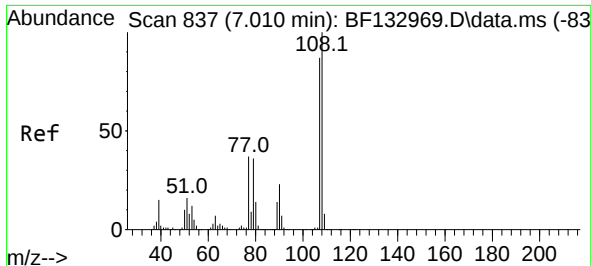
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Phenol
Concen: 2.355 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

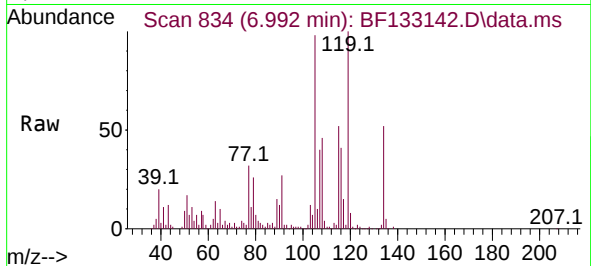
Tgt Ion: 94 Resp: 43873
Ion Ratio Lower Upper
94 100
65 27.7 8.6 48.6
66 36.5 17.3 57.3





#17
2-Methylphenol
Concen: 2.652 ng
RT: 6.992 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

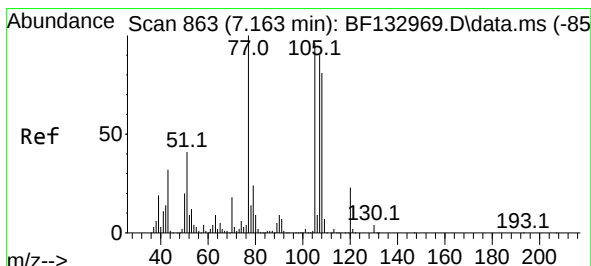
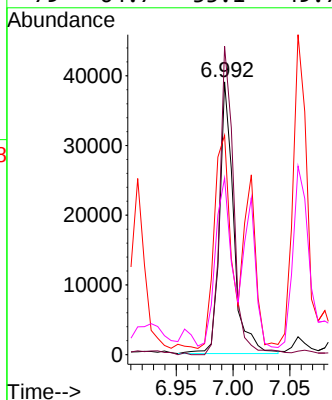
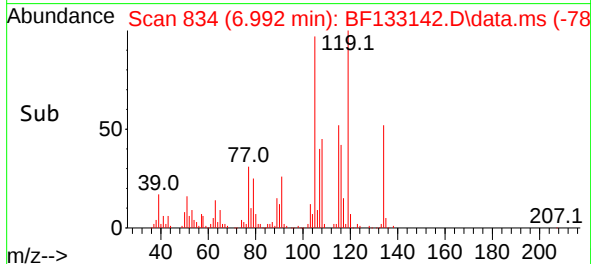
Instrument :
BNA_F
ClientSampleId :
MW-6DL



Tgt Ion:107	Resp:	3355
Ion Ratio	Lower	Upper
107	100	
108	113.0	92.4 138.6
77	80.4	33.8 50.8
79	64.7	33.1 49.7

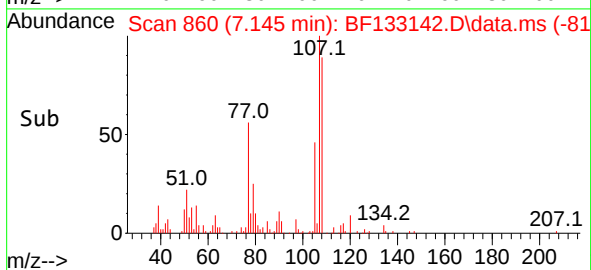
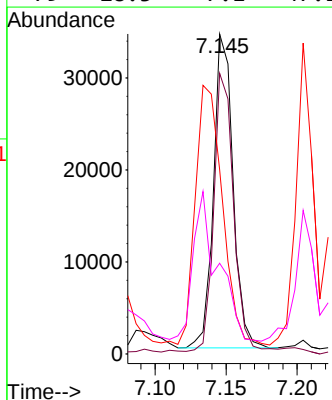
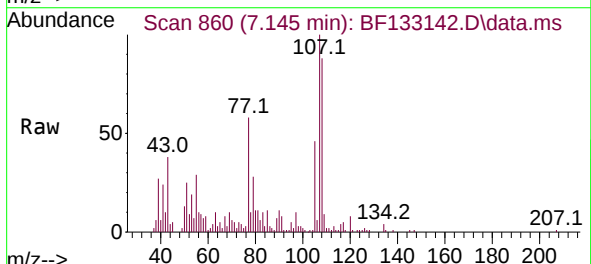
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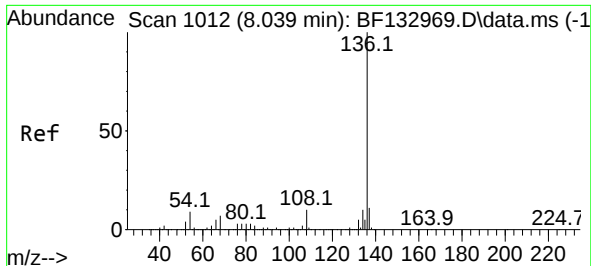
Reviewed By :Christian Giraldo 05/01/2023
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#20
3+4-Methylphenols
Concen: 2.196 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

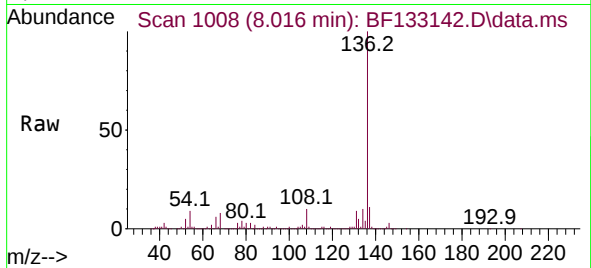
Tgt Ion:107	Resp:	32710
Ion Ratio	Lower	Upper
107	100	
108	87.7	70.5 110.5
77	57.6	91.7 131.7
79	28.3	7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

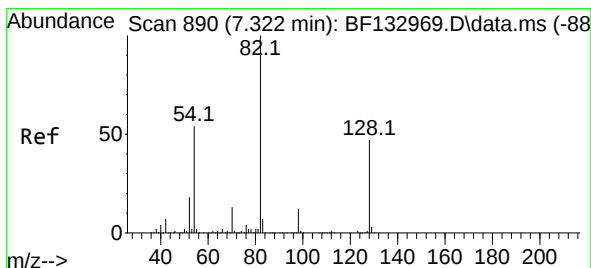
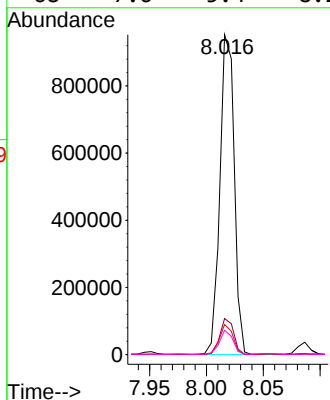
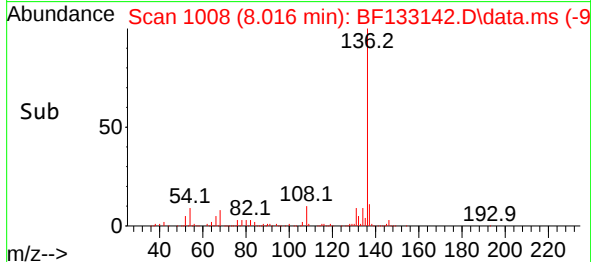
Instrument :
BNA_F
ClientSampleId :
MW-6DL



Tgt Ion:136 Resp: 835985
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.4 7.0 10.4
68 7.6 5.4 8.2

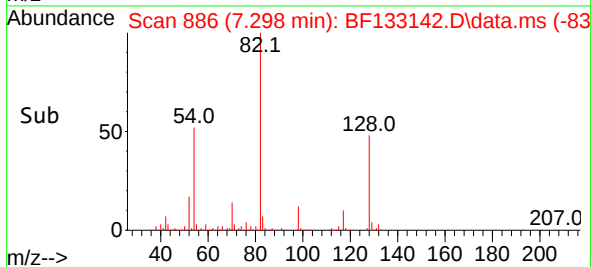
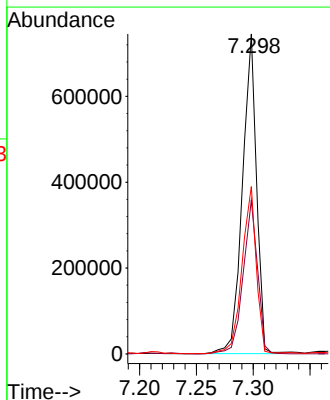
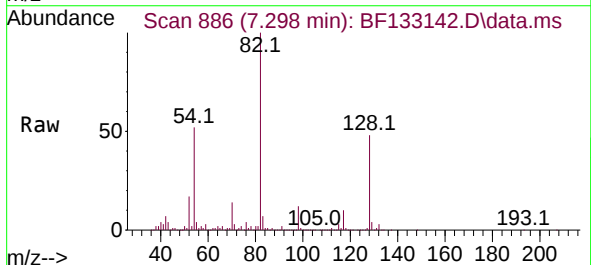
Manual Integrations
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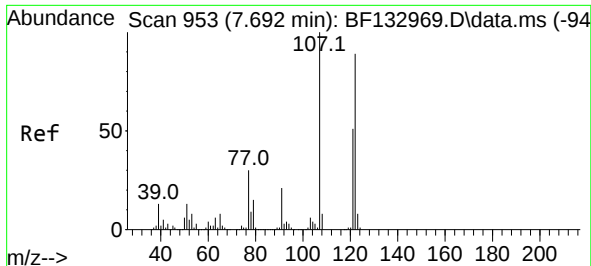
Reviewed By :Christian Giraldo 05/01/2023
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#23
Nitrobenzene-d5
Concen: 41.434 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Tgt Ion: 82 Resp: 641722
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 52.3 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 44.954 ng m

RT: 7.692 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF133142.D

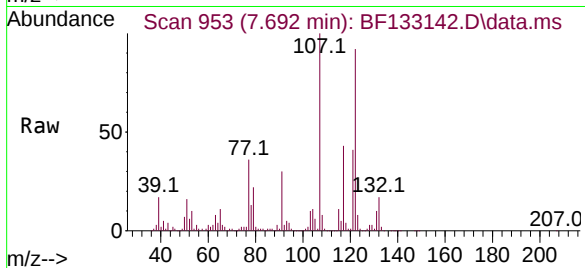
Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

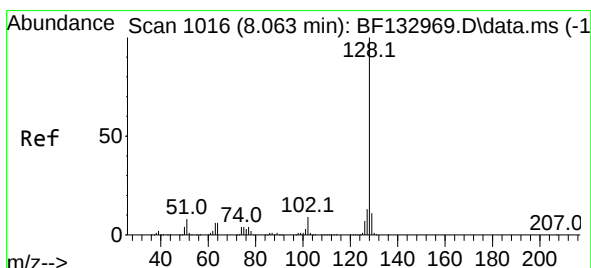
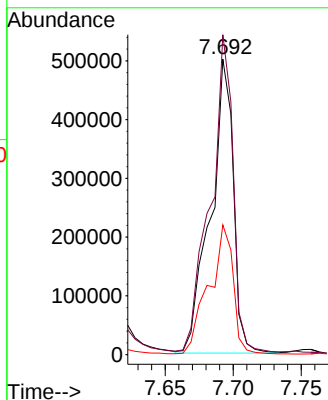
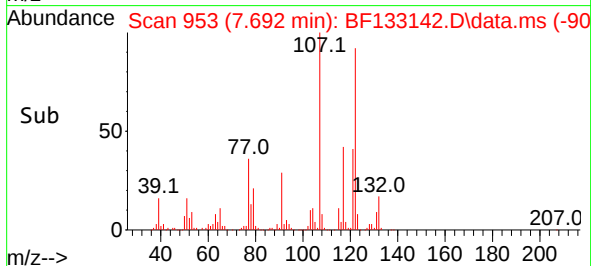


Tgt Ion:	122	Resp:	583505
Ion	Ratio	Lower	Upper
122	100		
107	108.3	89.7	134.5
121	43.9	46.0	69.0

Manual Integrations

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#31

Naphthalene

Concen: 12.407 ng

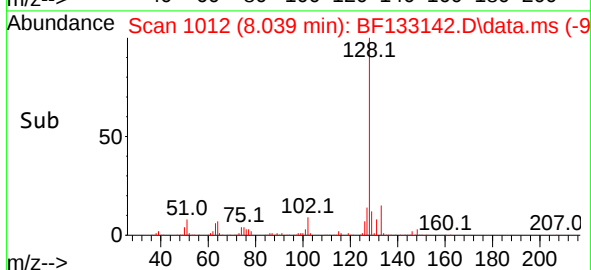
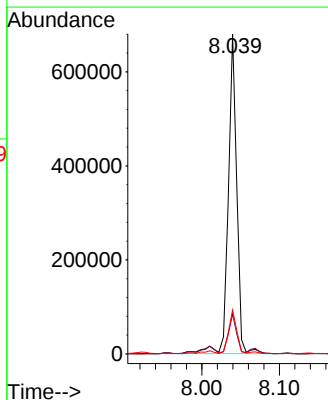
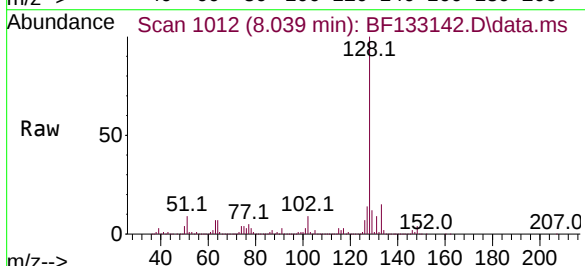
RT: 8.039 min Scan# 1012

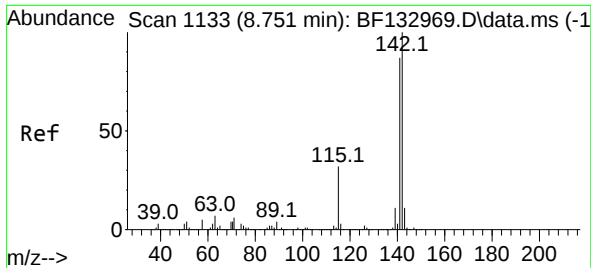
Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Tgt Ion:	128	Resp:	518573
Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.8	13.2
127	13.7	10.7	16.1





#37

2-Methylnaphthalene

Concen: 3.613 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

Tgt Ion:142 Resp: 103253

Ion Ratio Lower Upper

142 100

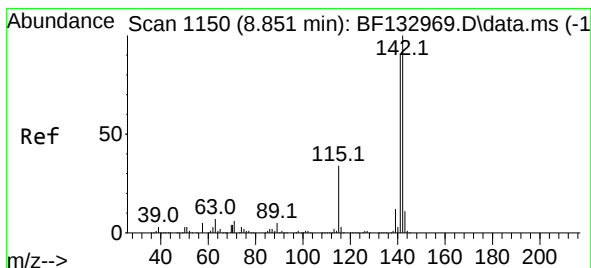
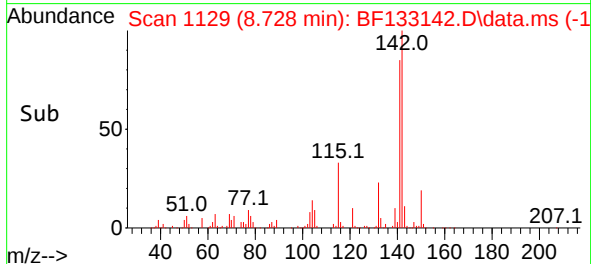
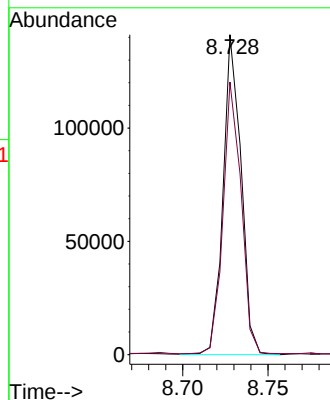
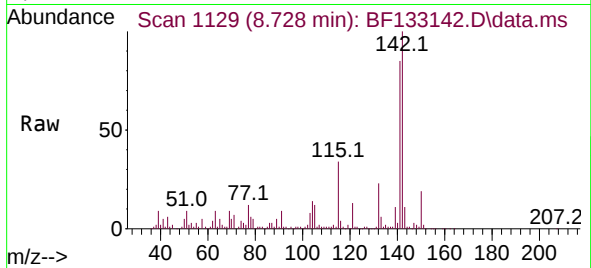
141 85.2 69.4 104.0

Manual Integrations

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#38

1-Methylnaphthalene

Concen: 4.048 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133142.D

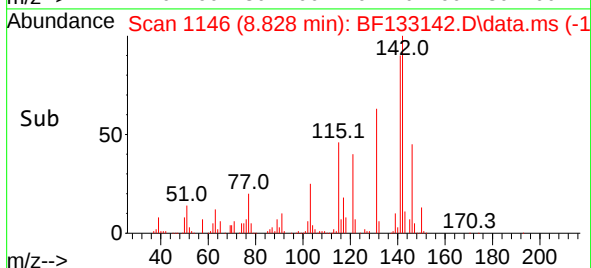
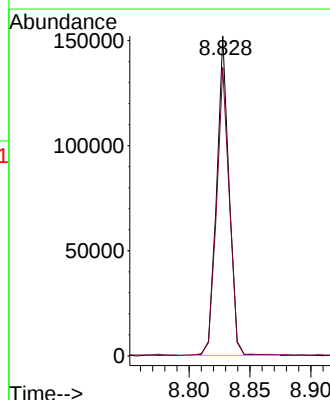
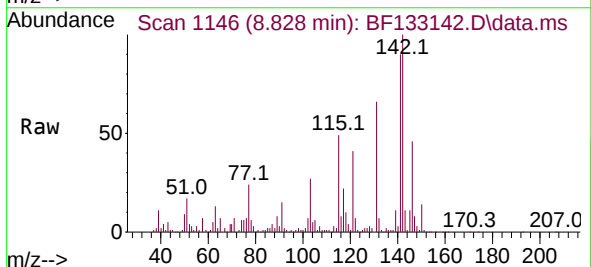
Acq: 29 Apr 2023 02:08

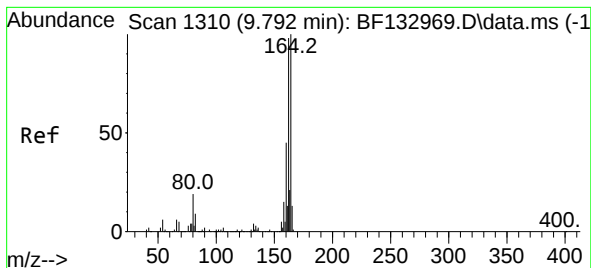
Tgt Ion:142 Resp: 108212

Ion Ratio Lower Upper

142 100

141 90.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

Tgt Ion:164 Resp: 435356

Ion Ratio Lower Upper

164 100

162 99.7 78.7 118.1

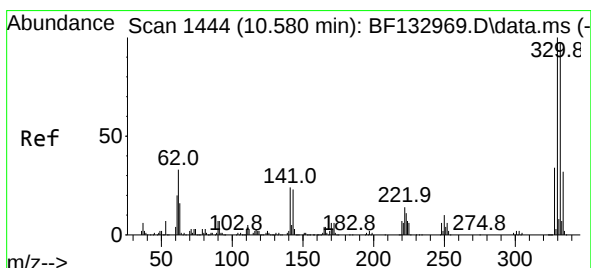
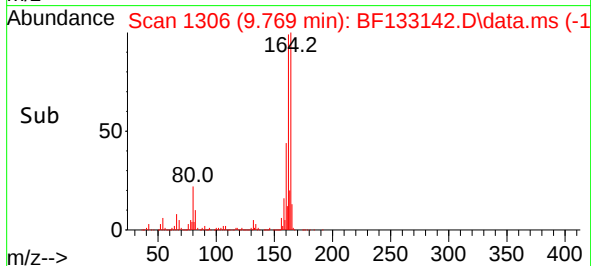
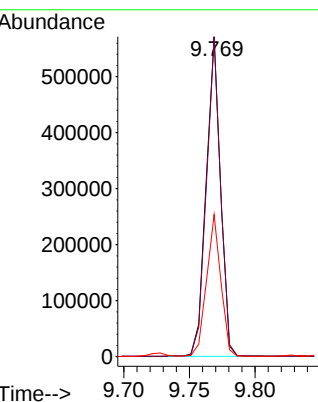
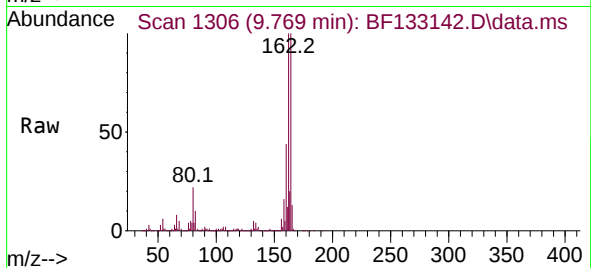
160 44.4 35.8 53.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/01/2023



#42

2,4,6-Tribromophenol

Concen: 62.005 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133142.D

Acq: 29 Apr 2023 02:08

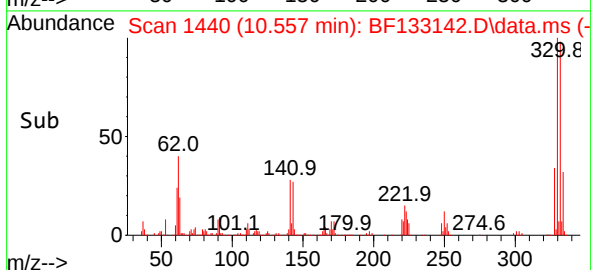
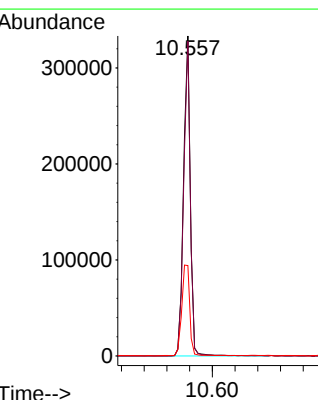
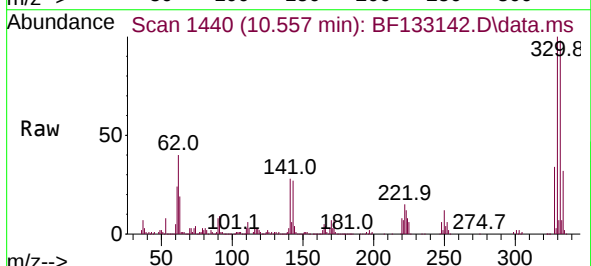
Tgt Ion:330 Resp: 271477

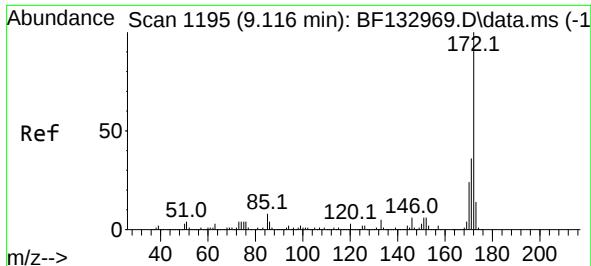
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

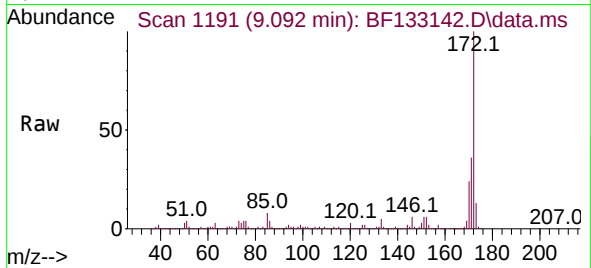
141 34.2 25.8 38.8





#45
2-Fluorobiphenyl
Concen: 45.344 ng
RT: 9.092 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

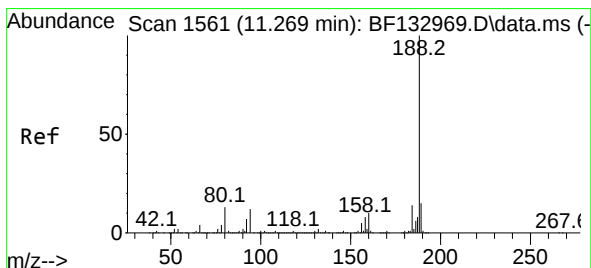
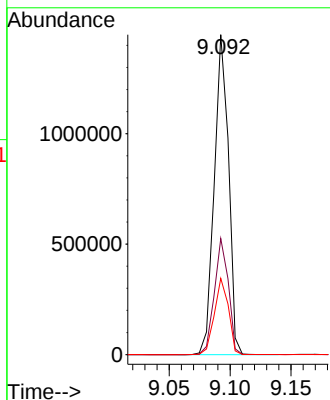
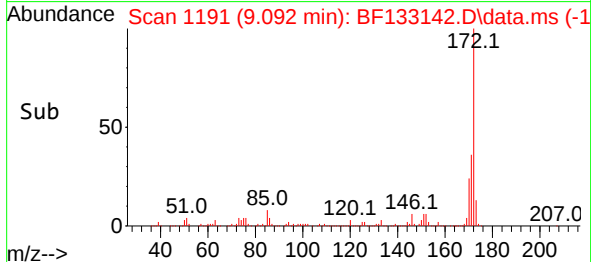
Instrument :
BNA_F
ClientSampleId :
MW-6DL



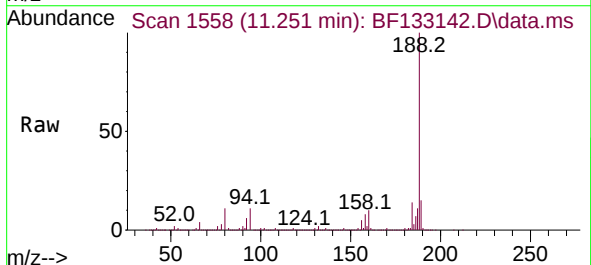
Tgt Ion:172 Resp: 1179966
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.8 19.4 29.2

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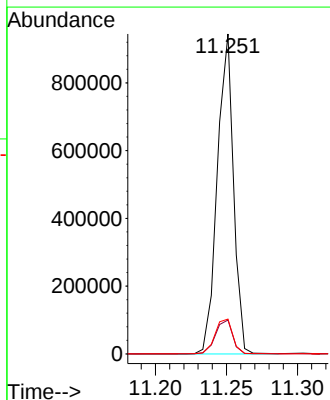
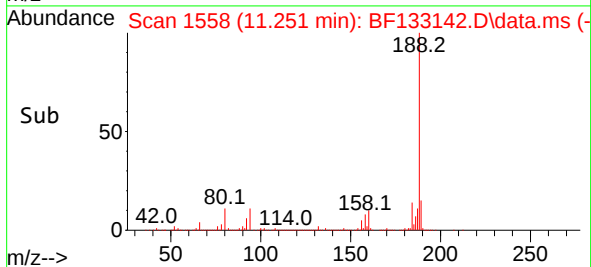
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

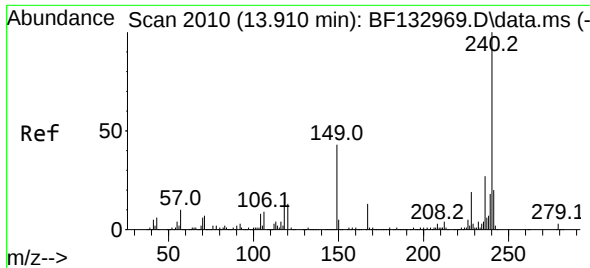


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08



Tgt Ion:188 Resp: 752143
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 10.9 10.4 15.6





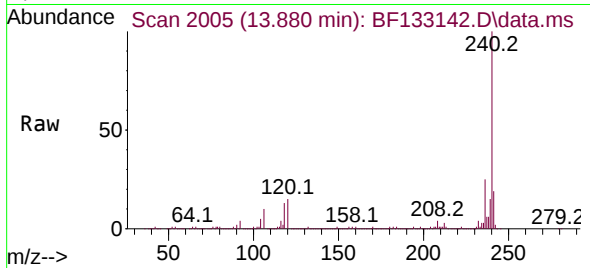
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Instrument :

BNA_F

ClientSampleId :

MW-6DL

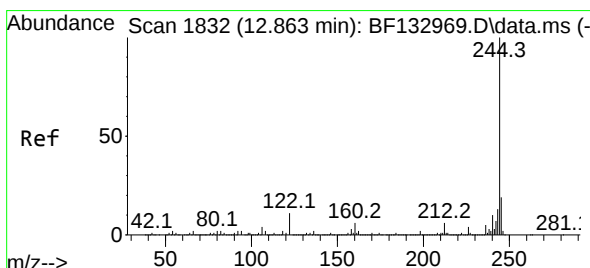
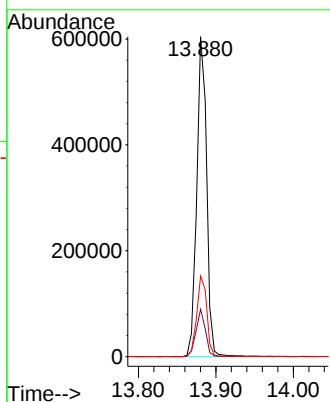
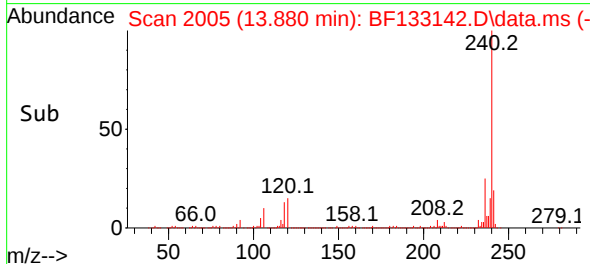


Tgt Ion:240 Resp: 535782
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 25.2 21.5 32.3

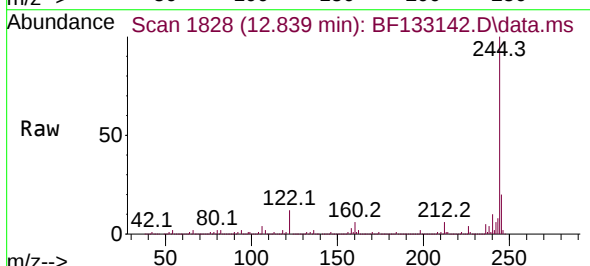
Manual Integrations

APPROVED

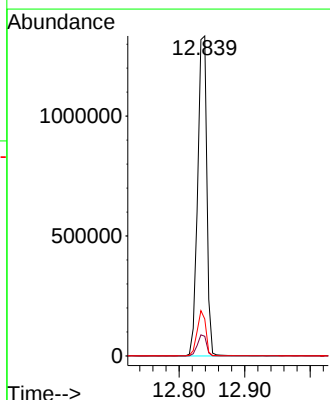
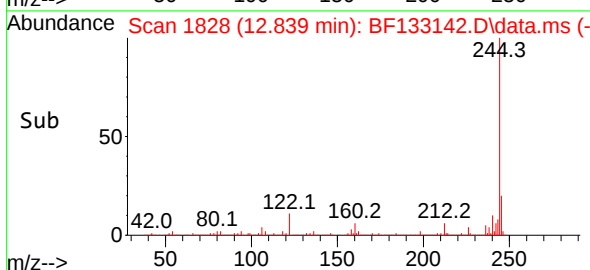
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

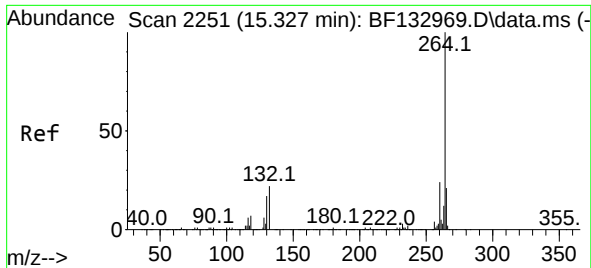


#79
Terphenyl-d14
Concen: 41.429 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08



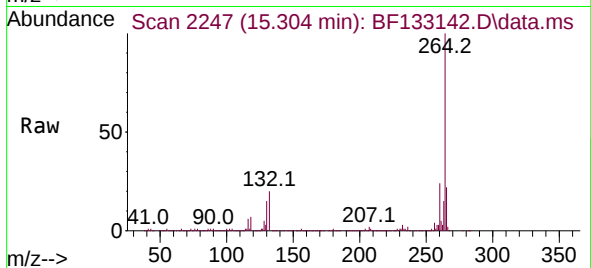
Tgt Ion:244 Resp: 1287012
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 11.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BF133142.D
Acq: 29 Apr 2023 02:08

Instrument :
BNA_F
ClientSampleId :
MW-6DL



Tgt Ion:264 Resp: 406420
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.7 17.0 25.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

