

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132552.D
 Acq On : 27 Feb 2023 14:54
 Operator : CG\JU
 Sample : 01669-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022323

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 27 15:49:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	168867	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	614341	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	326905	20.000	ng	0.00
64) Phenanthrene-d10	11.542	188	564773	20.000	ng	0.00
76) Chrysene-d12	14.201	240	344096	20.000	ng	0.00
86) Perylene-d12	15.754	264	358594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	756270	72.685	ng	0.00
7) Phenol-d6	6.625	99	988424	72.790	ng	-0.01
23) Nitrobenzene-d5	7.566	82	651097	50.283	ng	0.00
42) 2,4,6-Tribromophenol	10.842	330	251091	71.122	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1080016	50.305	ng	0.00
79) Terphenyl-d14	13.136	244	894467	43.950	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.766	202	73620	2.302	ng	98
78) Pyrene	12.995	202	66448	2.124	ng	99
88) Benzo(b)fluoranthene	15.283	252	56817m	2.364	ng	
92) Benzo(g,h,i)perylene	17.830	276	16296	2.342	ng	# 93

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

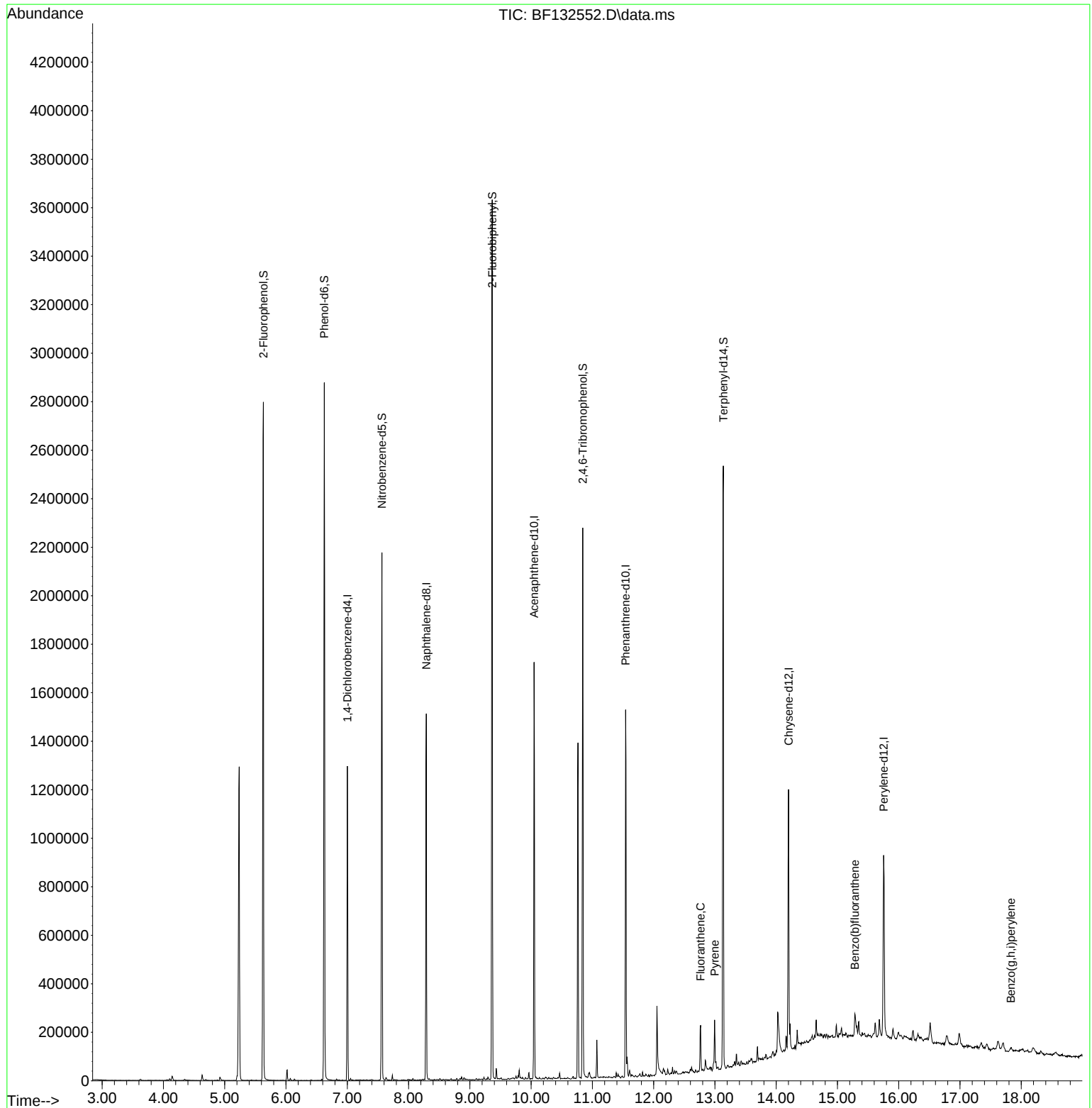
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132552.D
Acq On : 27 Feb 2023 14:54
Operator : CG\JU
Sample : 01669-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

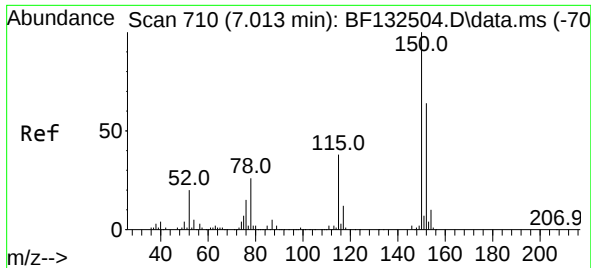
Instrument :
BNA_F
ClientSampleId :
NB-08-022323

Quant Time: Feb 27 15:49:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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Manual Integrations
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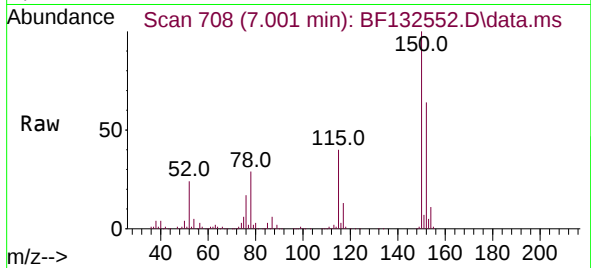
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

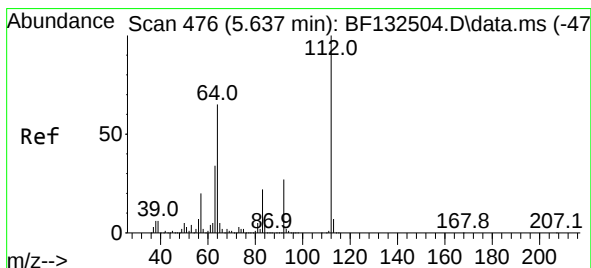
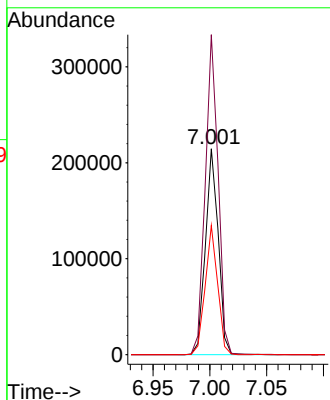
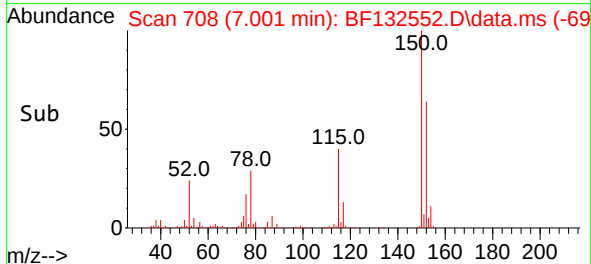
Instrument :
BNA_F
ClientSampleId :
NB-08-022323



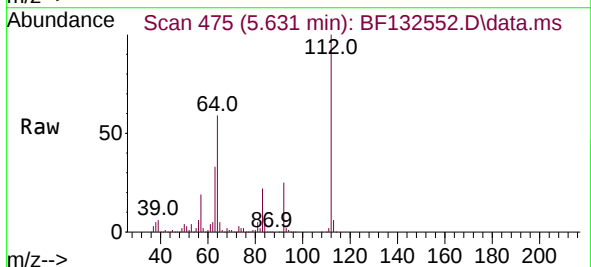
Tgt Ion:152 Resp: 16886
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 62.7 47.8 71.6

Manual Integrations
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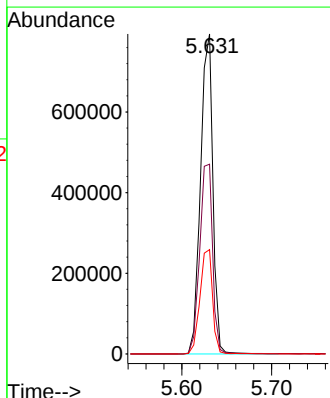
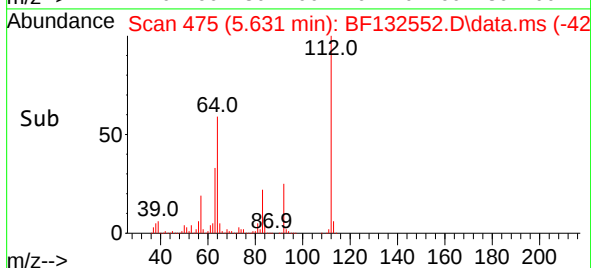
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#5
2-Fluorophenol
Concen: 72.685 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54



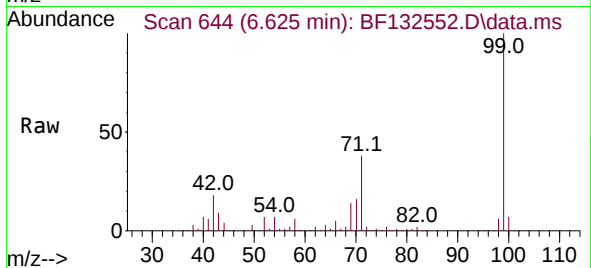
Tgt Ion:112 Resp: 756270
Ion Ratio Lower Upper
112 100
64 59.3 51.6 77.4
63 32.6 27.4 41.2





#7
Phenol-d6
Concen: 72.790 ng
RT: 6.625 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

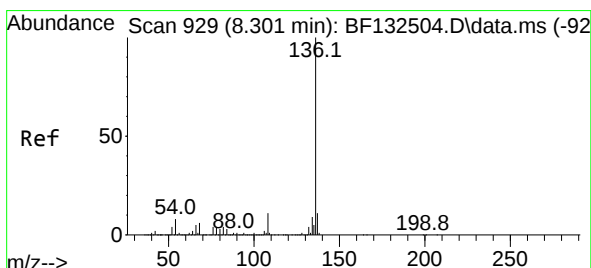
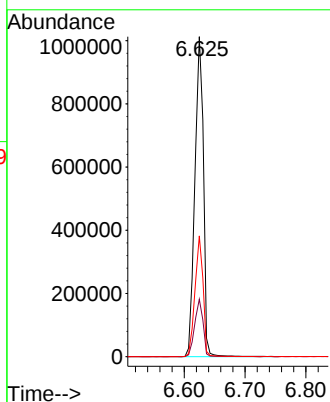
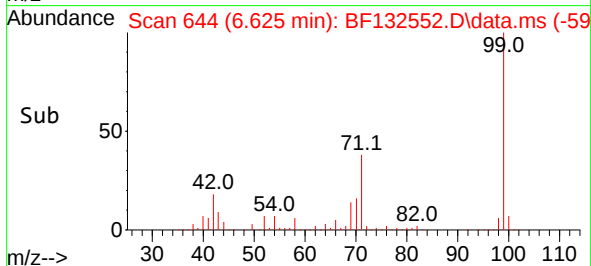
Instrument :
BNA_F
ClientSampleId :
NB-08-022323



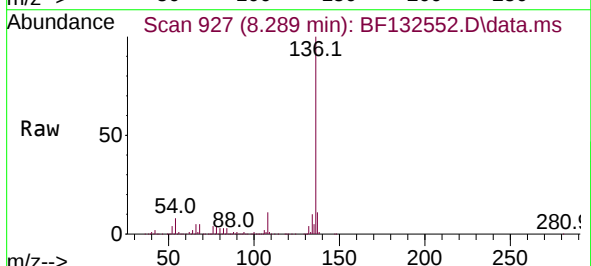
Tgt Ion: 99 Resp: 988424
Ion Ratio Lower Upper
99 100
42 17.9 13.9 20.9
71 37.7 28.5 42.7

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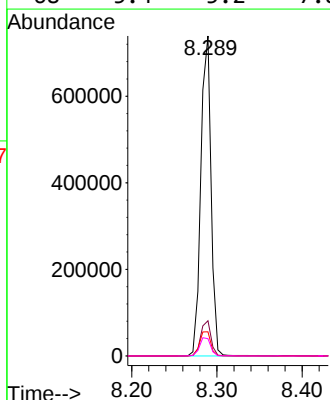
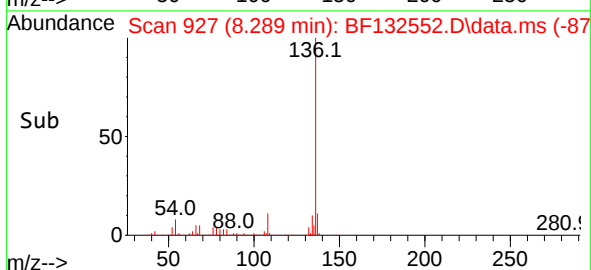
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

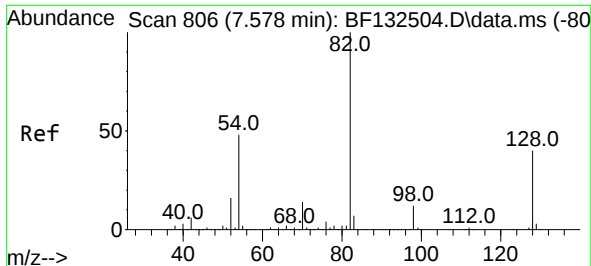


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54



Tgt Ion:136 Resp: 614341
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.2 9.4
68 5.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 50.283 ng

RT: 7.566 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132552.D

Acq: 27 Feb 2023 14:54

Instrument :

BNA_F

ClientSampleId :

NB-08-022323

Tgt Ion: 82 Resp: 651097

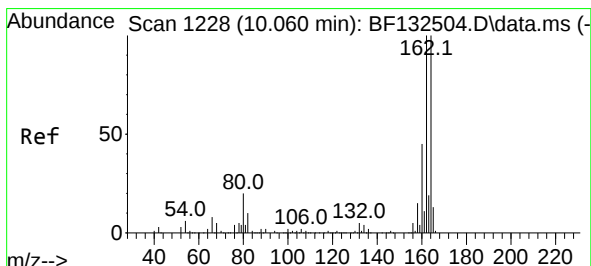
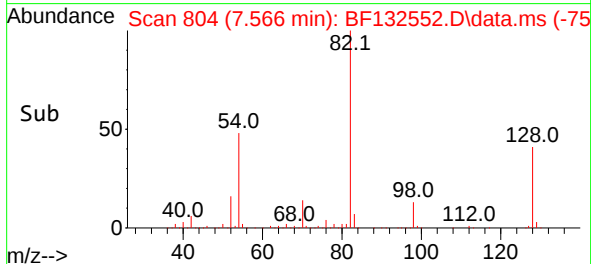
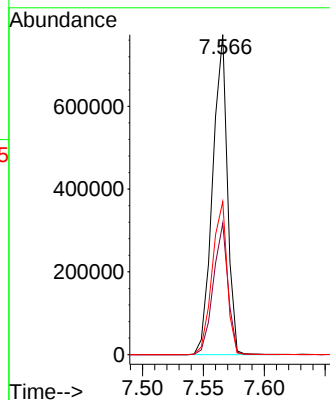
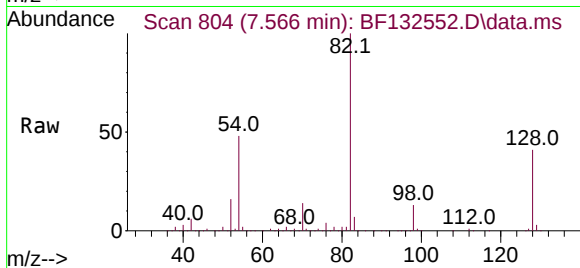
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	47.8	38.4	57.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.048 min Scan# 1226

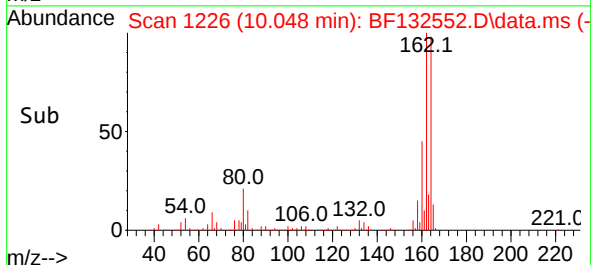
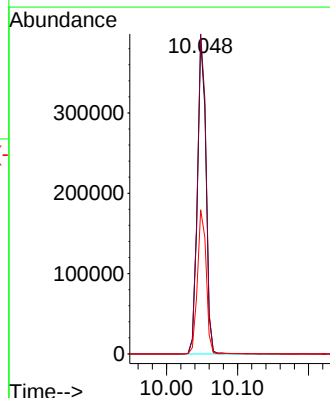
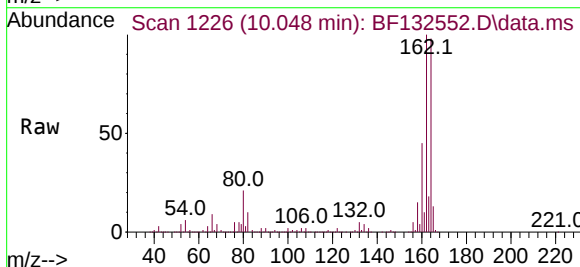
Delta R.T. -0.006 min

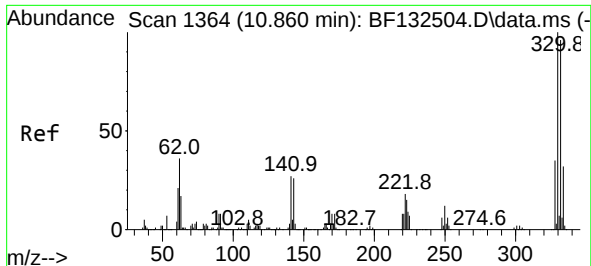
Lab File: BF132552.D

Acq: 27 Feb 2023 14:54

Tgt Ion:164 Resp: 326905

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.8	119.8
160	45.8	35.8	53.6





#42
2,4,6-Tribromophenol
Concen: 71.122 ng
RT: 10.842 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Instrument :

BNA_F

ClientSampleId :

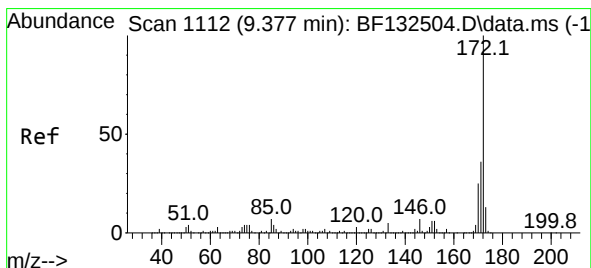
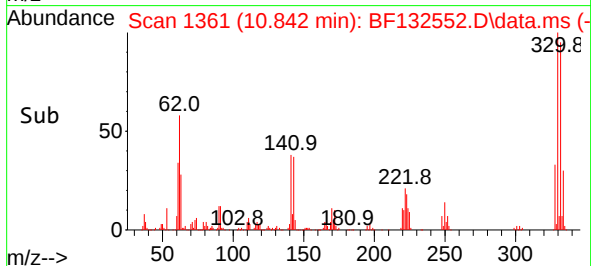
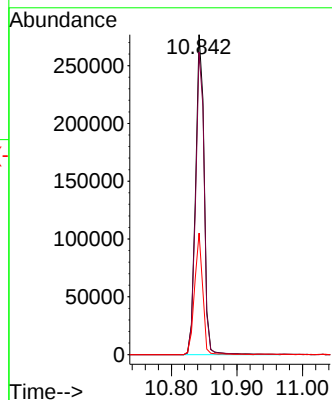
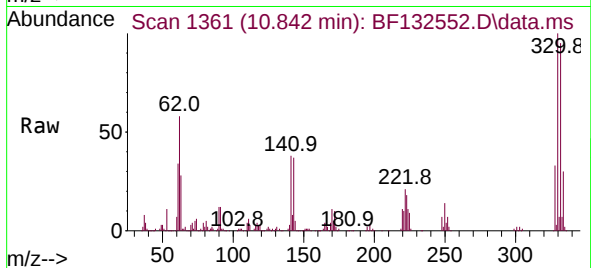
NB-08-022323

Tgt Ion: 330 Resp: 251091
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 36.0 28.4 42.6

Manual Integrations

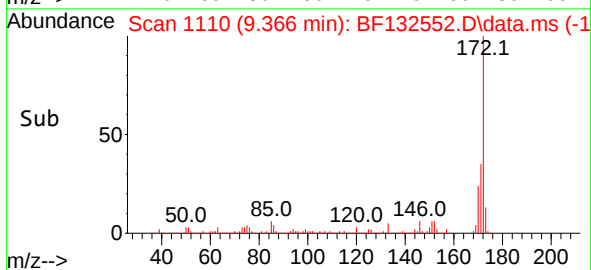
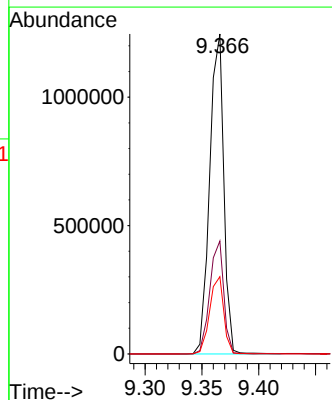
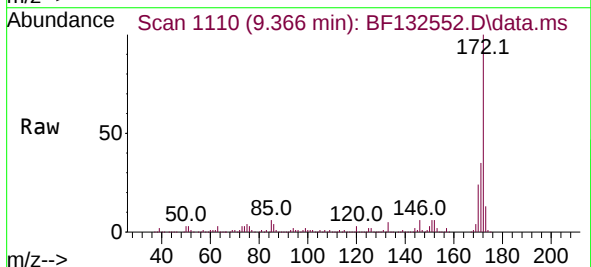
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Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#45
2-Fluorobiphenyl
Concen: 50.305 ng
RT: 9.366 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Tgt Ion: 172 Resp: 1080016
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.7 29.5





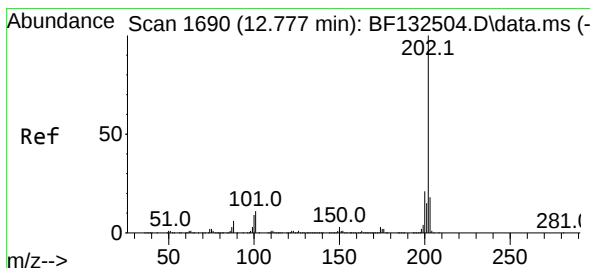
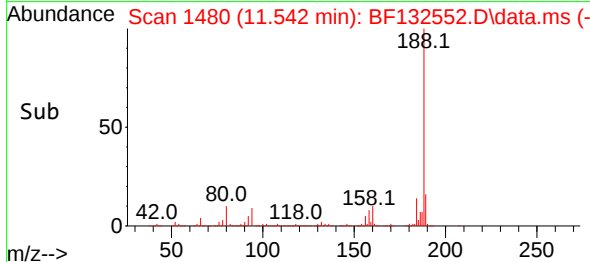
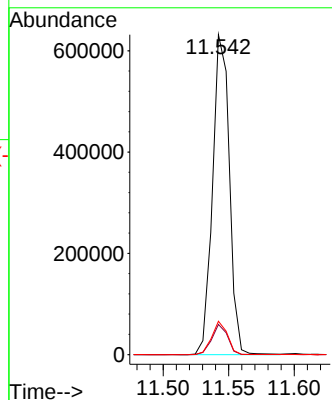
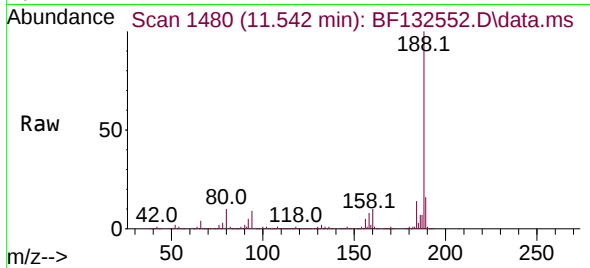
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.542 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Instrument :
BNA_F
ClientSampleId :
NB-08-022323

Tgt Ion:188 Resp: 564773
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.4 8.7 13.1

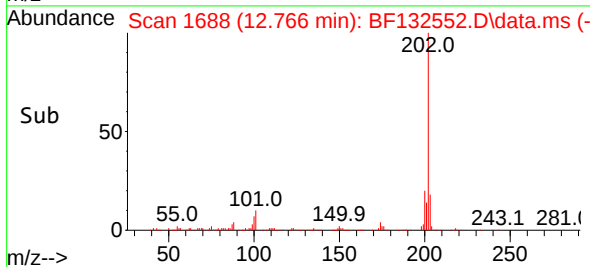
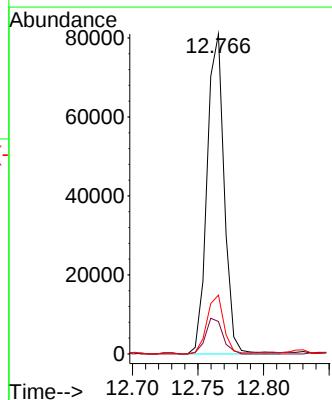
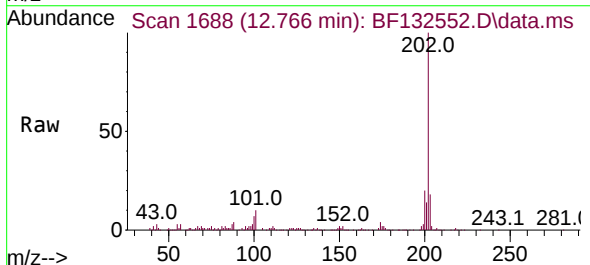
Manual Integrations
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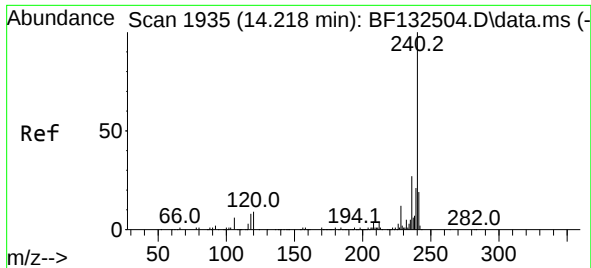
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#75
Fluoranthene
Concen: 2.302 ng
RT: 12.766 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Tgt Ion:202 Resp: 73620
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.4 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Instrument :

BNA_F

ClientSampleId :

NB-08-022323

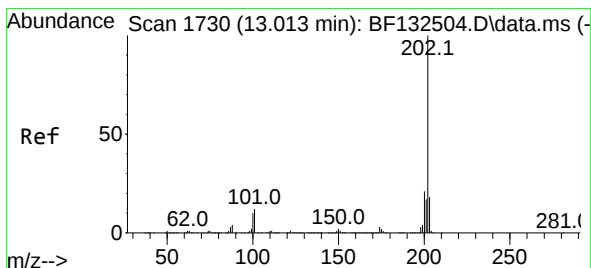
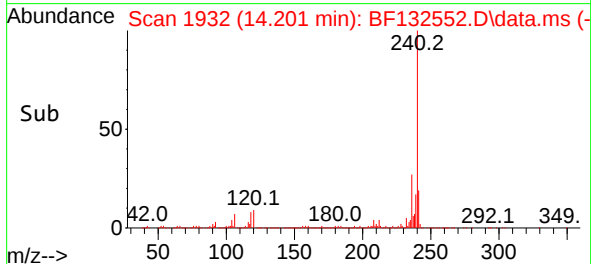
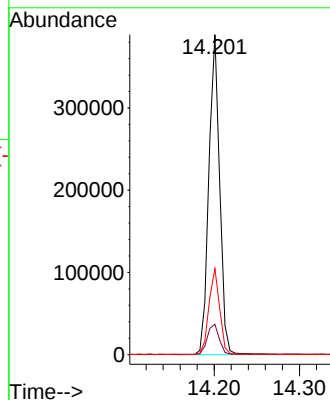
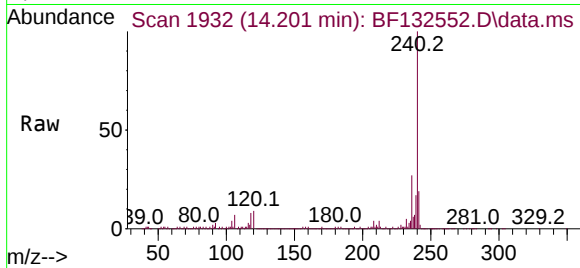
Tgt Ion:240 Resp: 344096
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 26.9 21.8 32.6

Manual Integrations

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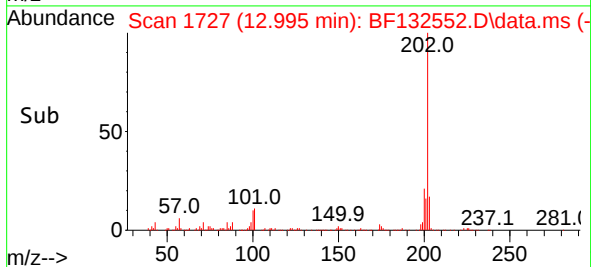
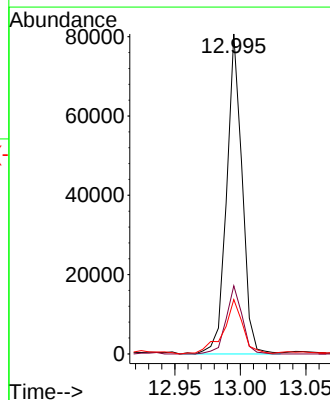
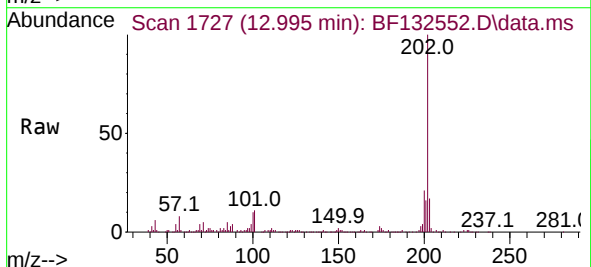
Reviewed By :Yogesh Patel 02/28/2023

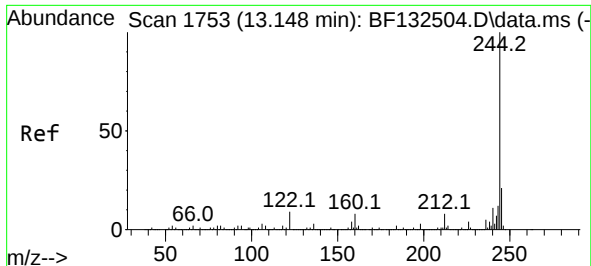
Supervised By :Jagrut Upadhyay 02/28/2023



#78
Pyrene
Concen: 2.124 ng
RT: 12.995 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

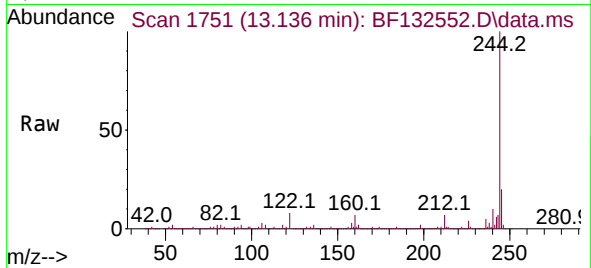
Tgt Ion:202 Resp: 66448
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 43.950 ng
 RT: 13.136 min Scan# 1751
 Delta R.T. -0.006 min
 Lab File: BF132552.D
 Acq: 27 Feb 2023 14:54

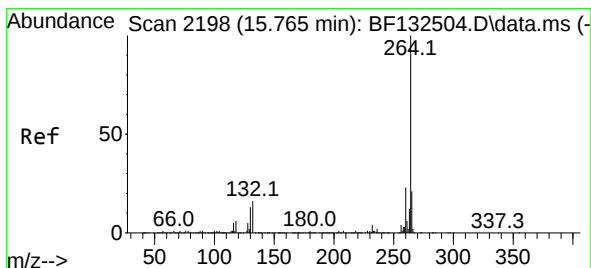
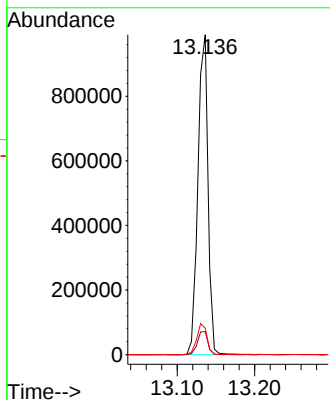
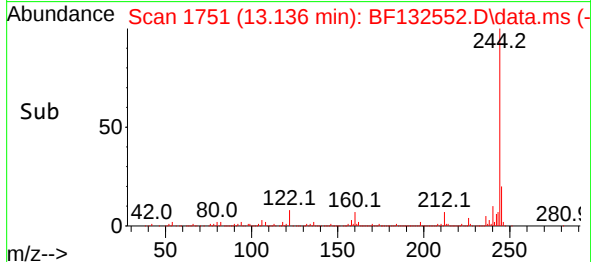
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022323



Tgt Ion:244 Resp: 894462
 Ion Ratio Lower Upper
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 212 7.2 6.5 9.7
 122 8.3 7.5 11.3

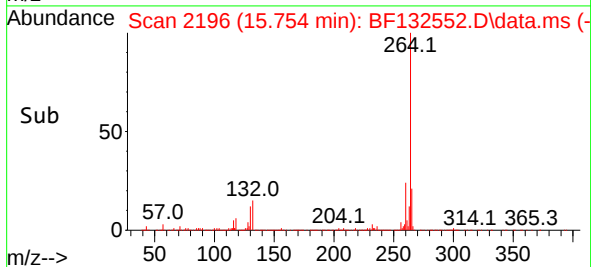
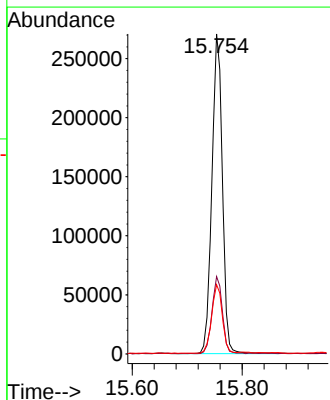
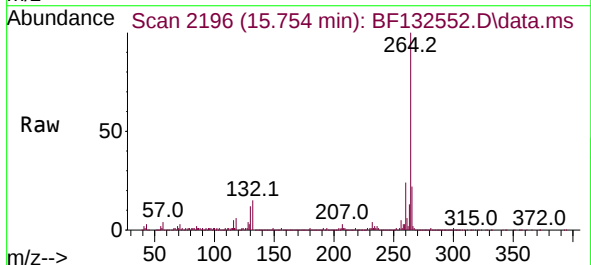
Manual Integrations
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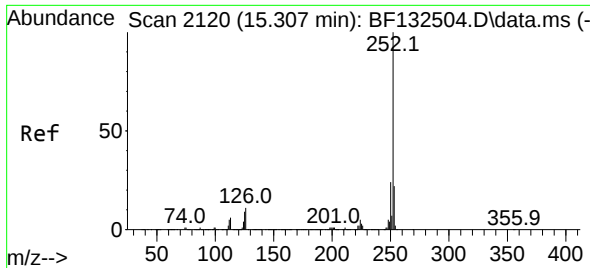
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.754 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF132552.D
 Acq: 27 Feb 2023 14:54

Tgt Ion:264 Resp: 358594
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.6 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 2.364 ng m
RT: 15.283 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Instrument :

BNA_F

ClientSampleId :

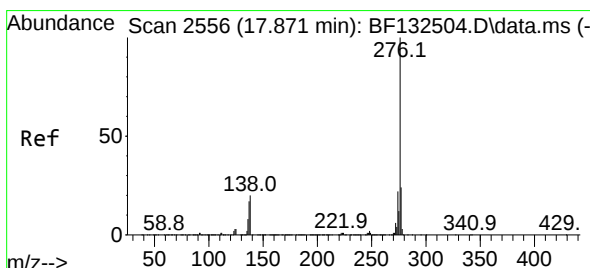
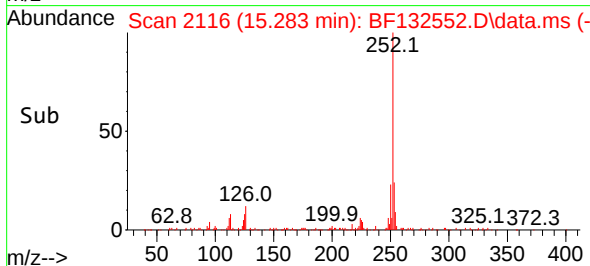
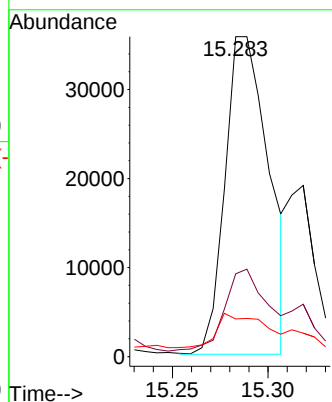
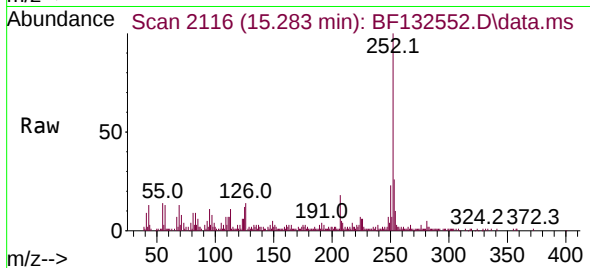
NB-08-022323

Tgt Ion:252 Resp: 5681
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 11.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#92
Benzo(g,h,i)perylene
Concen: 2.342 ng
RT: 17.830 min Scan# 2549
Delta R.T. -0.023 min
Lab File: BF132552.D
Acq: 27 Feb 2023 14:54

Tgt Ion:276 Resp: 16296
Ion Ratio Lower Upper
276 100
277 26.2 18.9 28.3
138 24.6 16.2 24.4

