

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127672.D
 Acq On : 07 Apr 2022 02:53
 Operator : CG\JU
 Sample : N2263-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-NORTH

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 04:06:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	95570	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	347353	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	197644	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	365718	20.000	ng	0.00
76) Chrysene-d12	14.151	240	287706	20.000	ng	0.00
86) Perylene-d12	15.680	264	290693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	578347	98.332	ng	0.00
7) Phenol-d6	6.575	99	738544	95.985	ng	0.00
23) Nitrobenzene-d5	7.522	82	515722	66.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	206337	98.105	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	868582	62.170	ng	0.00
79) Terphenyl-d14	13.092	244	954881	54.783	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.522	178	44411	2.292	ng	98
75) Fluoranthene	12.727	202	85824	4.059	ng	98
78) Pyrene	12.951	202	87189	3.589	ng	99
88) Benzo(b)fluoranthene	15.215	252	42882m	2.293	ng	
90) Benzo(a)pyrene	15.610	252	30635	2.016	ng	# 96

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

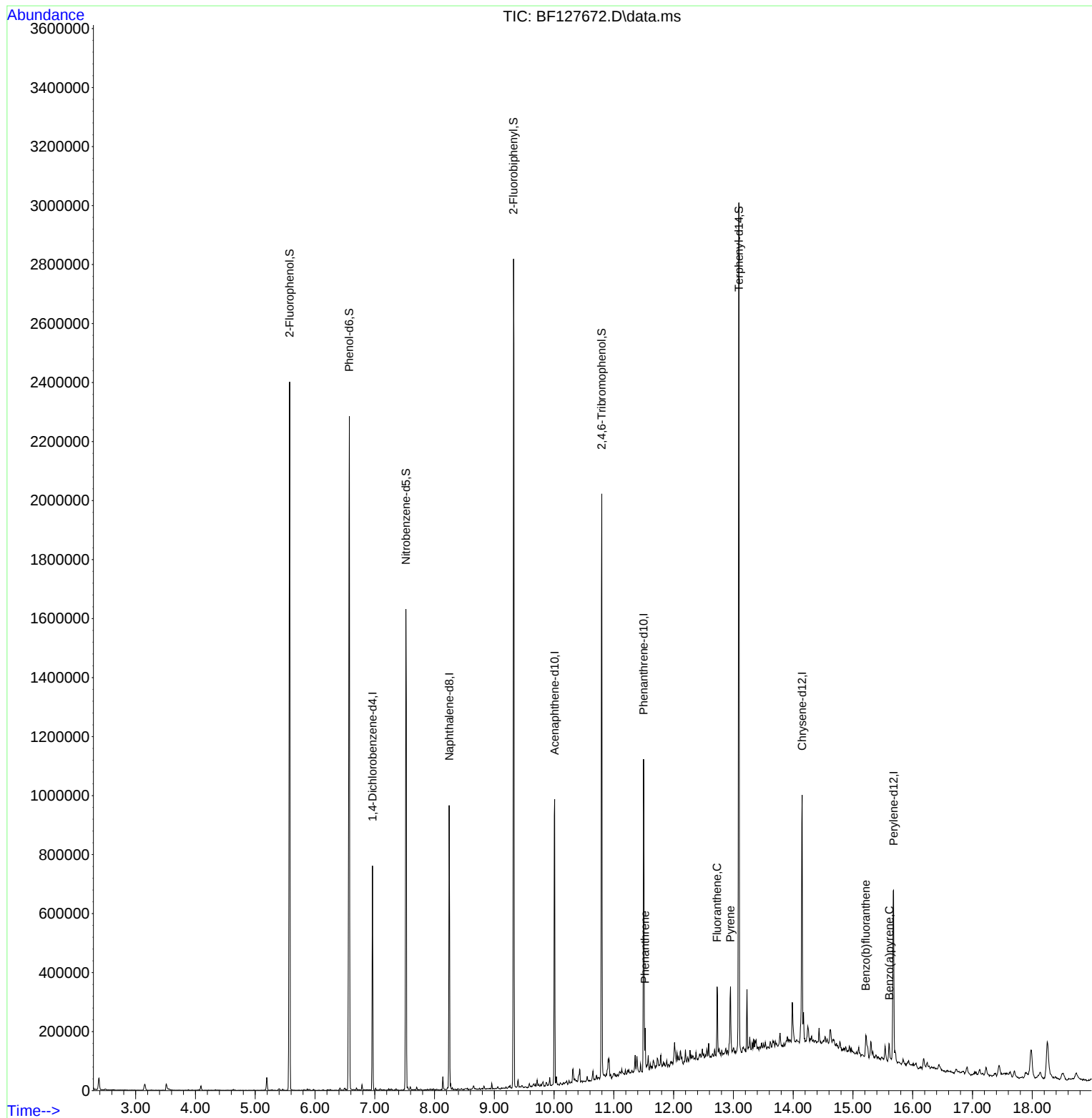
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127672.D
Acq On : 07 Apr 2022 02:53
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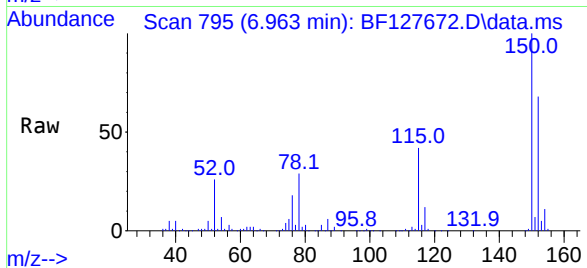
Quant Time: Apr 07 04:06:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

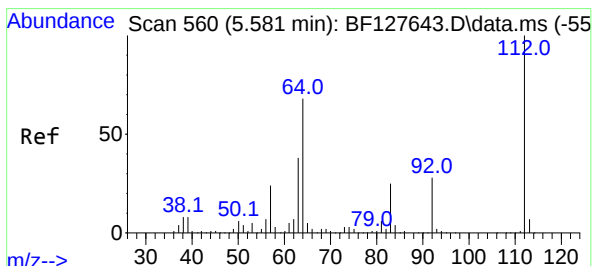
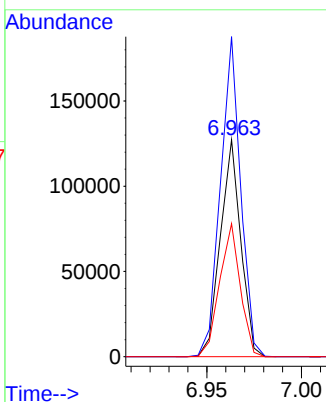
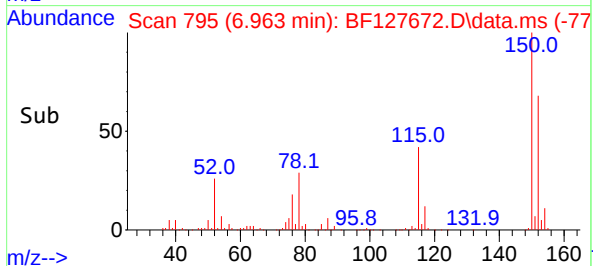
Instrument :
BNA_F
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LINDEN-NORTH



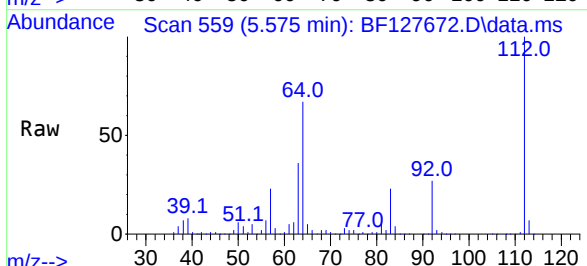
Tgt Ion:152 Resp: 95570
Ion Ratio Lower Upper
152 100
150 147.4 117.2 175.8
115 61.3 49.8 74.6

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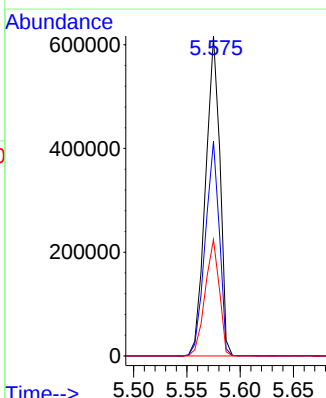
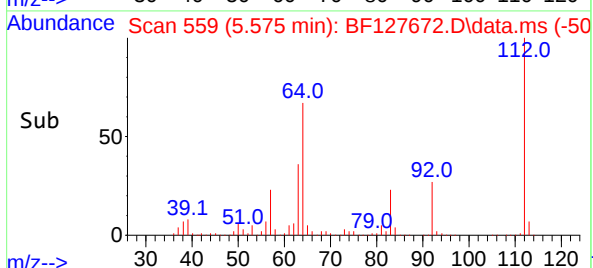
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#5
2-Fluorophenol
Concen: 98.332 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



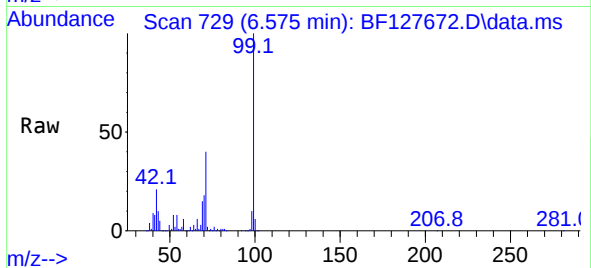
Tgt Ion:112 Resp: 578347
Ion Ratio Lower Upper
112 100
64 67.1 58.4 87.6
63 36.3 30.1 45.1





#7
Phenol-d6
Concen: 95.985 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

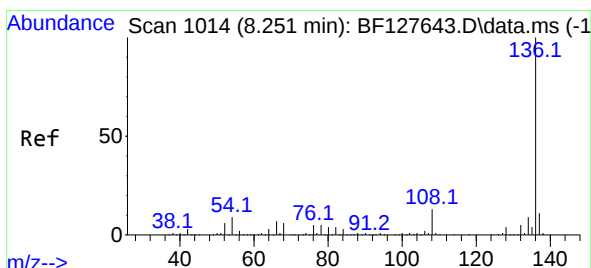
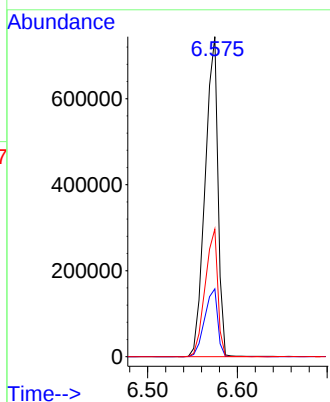
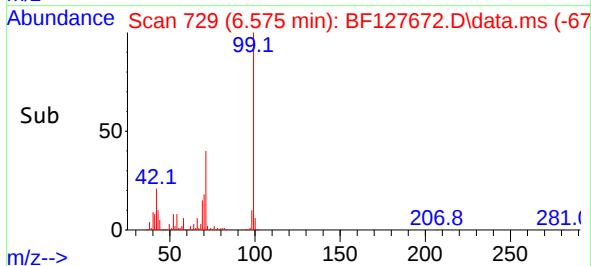
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH



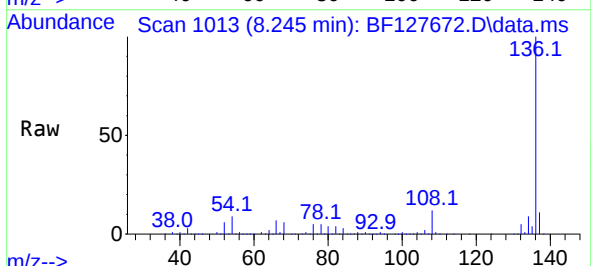
Tgt Ion: 99 Resp: 738544
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 39.8 29.6 44.4

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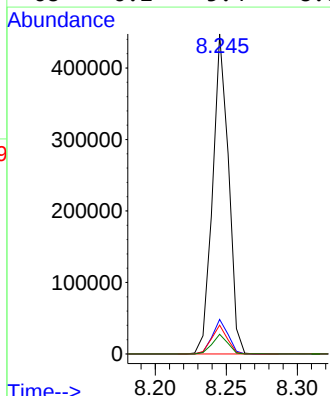
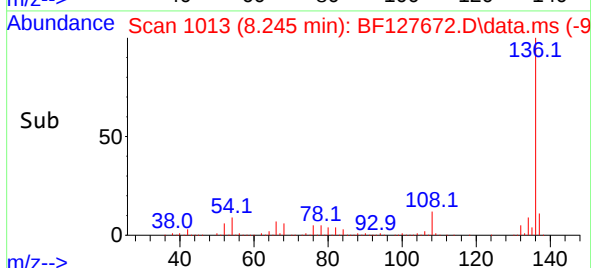
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

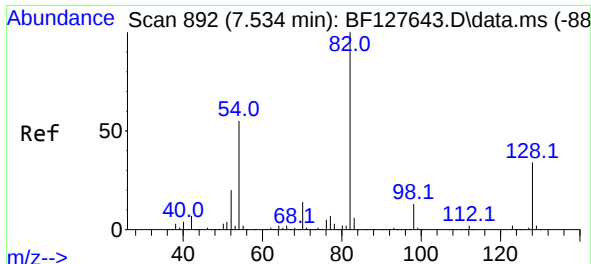


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



Tgt Ion:136 Resp: 347353
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 9.2 13.8#
68 6.2 5.4 8.0





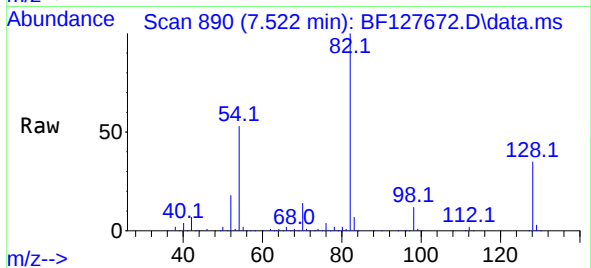
#23
Nitrobenzene-d5
Concen: 66.191 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

LINDEN-NORTH

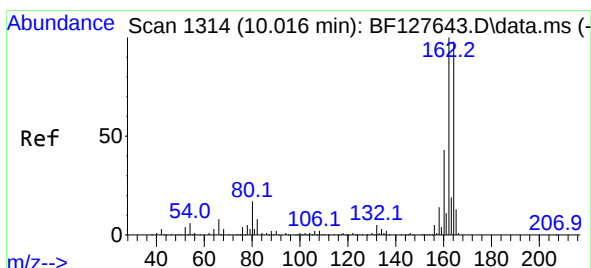
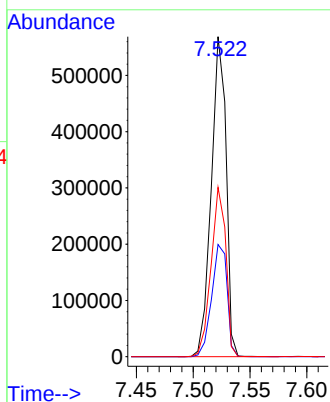
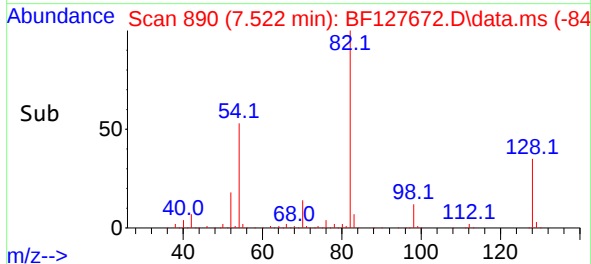


Tgt Ion: 82 Resp: 51572
Ion Ratio Lower Upper
82 100
128 35.1 30.6 45.8
54 52.9 48.2 72.2

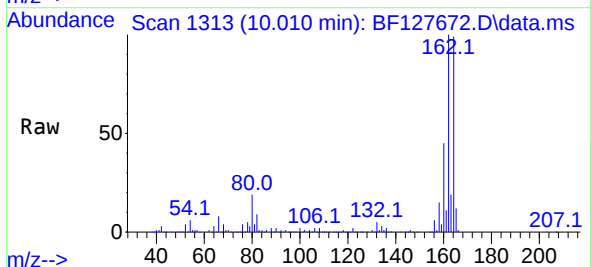
Manual Integrations

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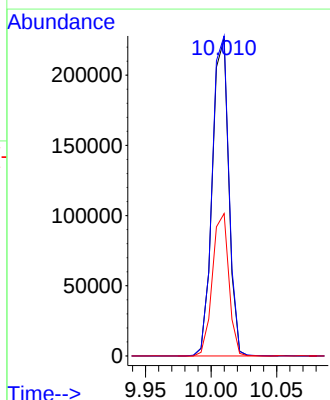
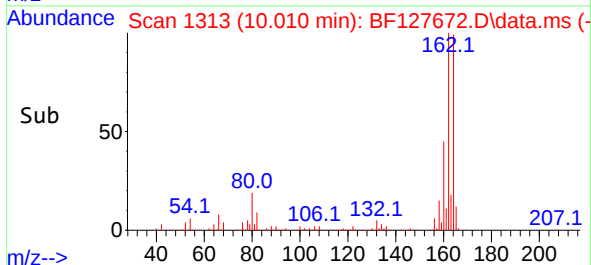
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

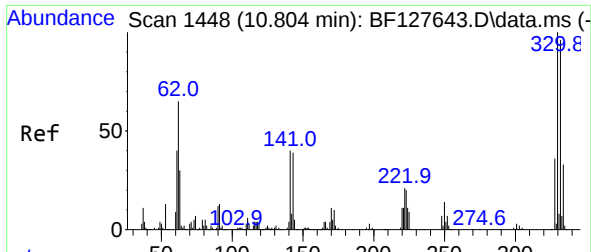


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



Tgt Ion:164 Resp: 197644
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 44.9 34.6 52.0





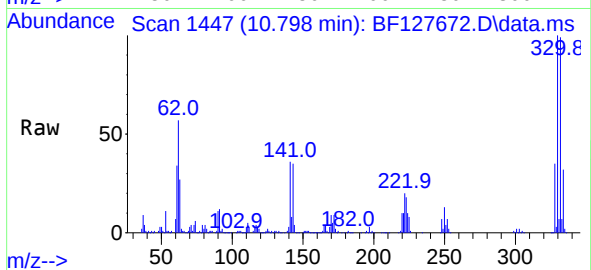
#42
2,4,6-Tribromophenol
Concen: 98.105 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Instrument :

BNA_F

ClientSampleId :

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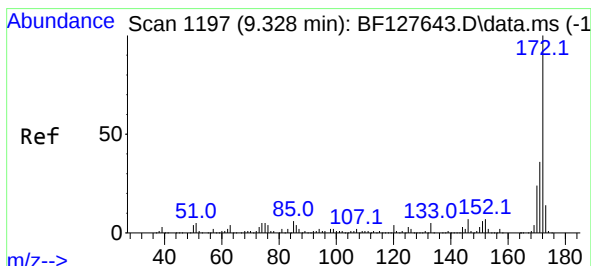
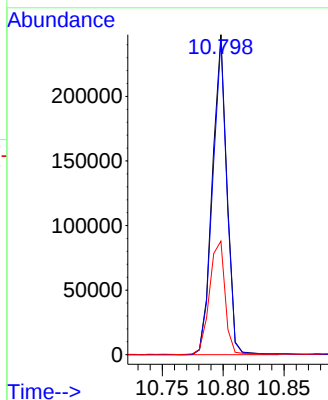
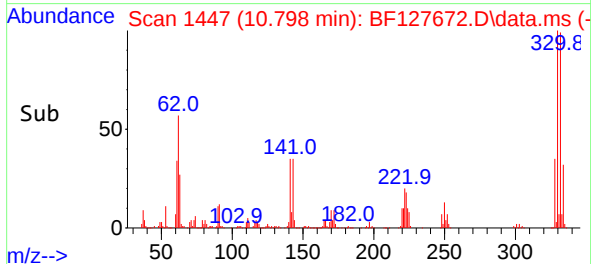


Tgt Ion: 330 Resp: 20633
Ion Ratio Lower Upper
330 100
332 96.5 79.1 118.7
141 38.1 26.2 39.4

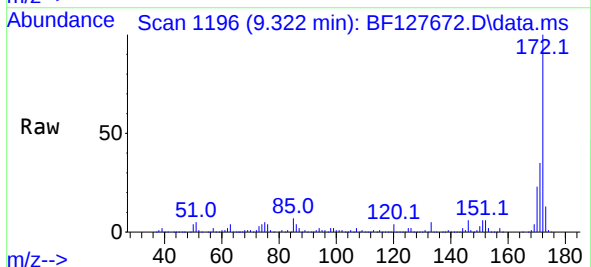
Manual Integrations

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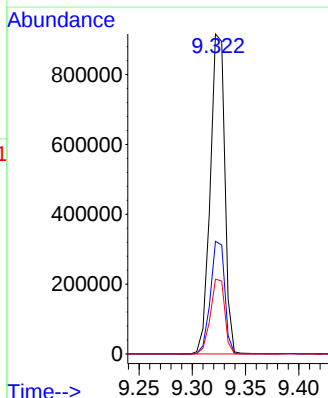
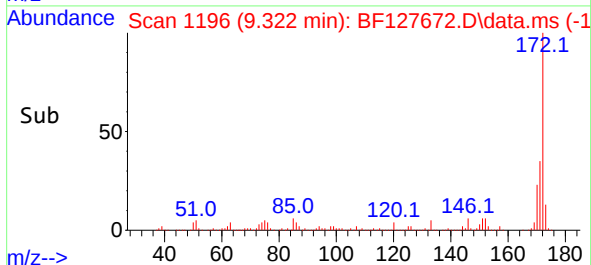
Reviewed By : Christian Giraldo 04/07/2022
Supervised By : Jagrut Upadhyay 04/07/2022

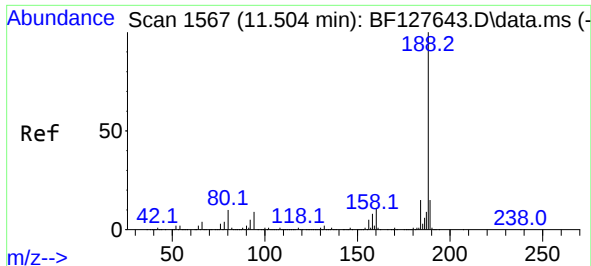


#45
2-Fluorobiphenyl
Concen: 62.170 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



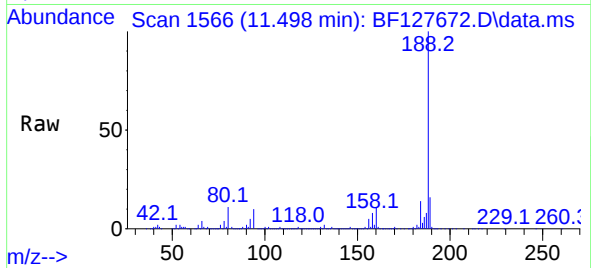
Tgt Ion: 172 Resp: 868582
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

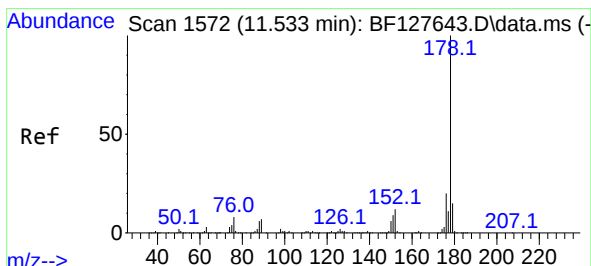
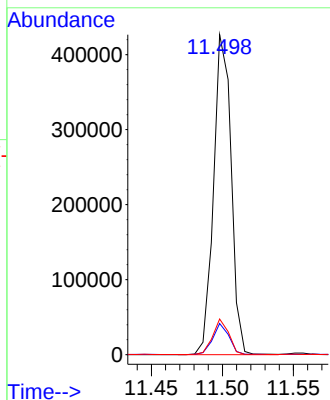
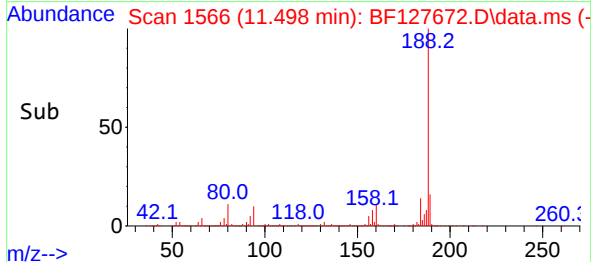
Instrument :
BNA_F
ClientSampleId :
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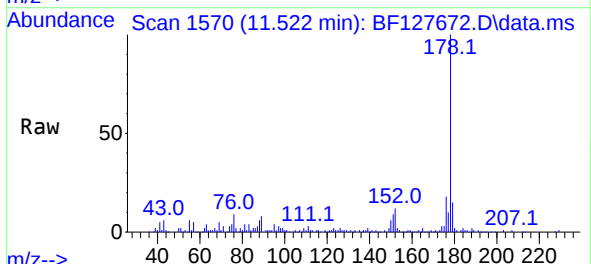
Tgt Ion:188 Resp: 365718
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 11.1 8.0 12.0

Manual Integrations
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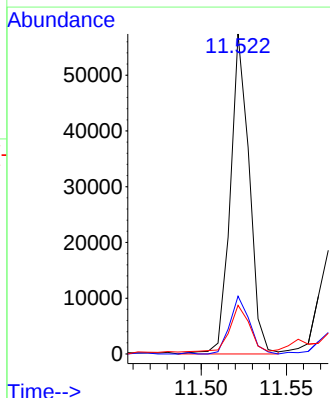
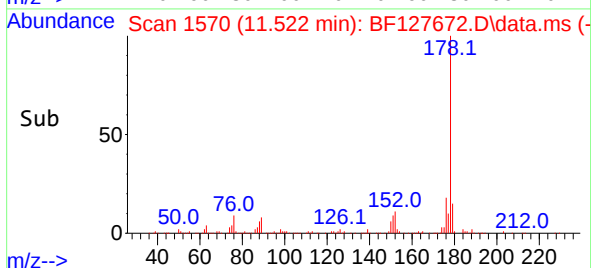
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Supervised By :Jagrut Upadhyay 04/07/2022

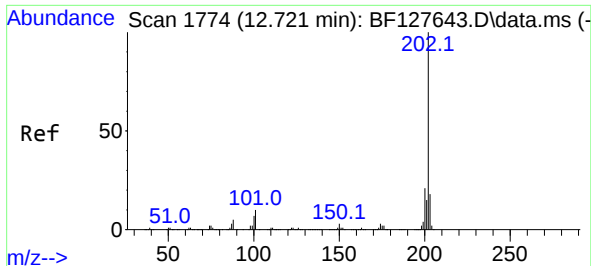


#71
Phenanthrene
Concen: 2.292 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



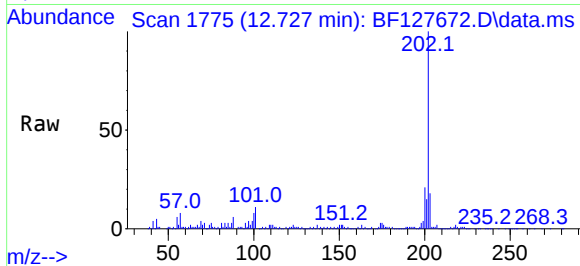
Tgt Ion:178 Resp: 44411
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 4.059 ng
RT: 12.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

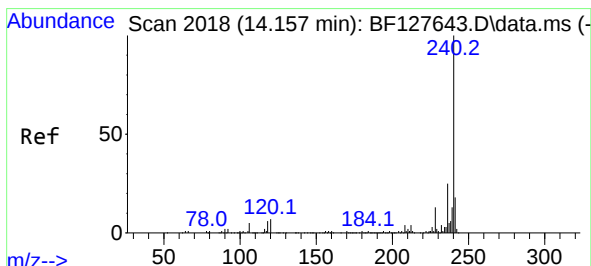
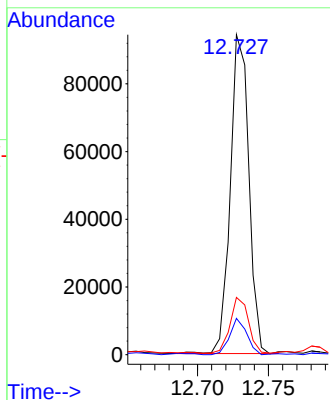
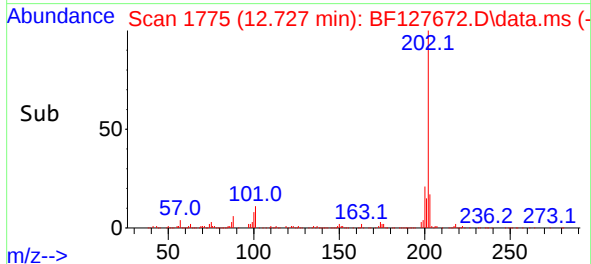
Instrument :
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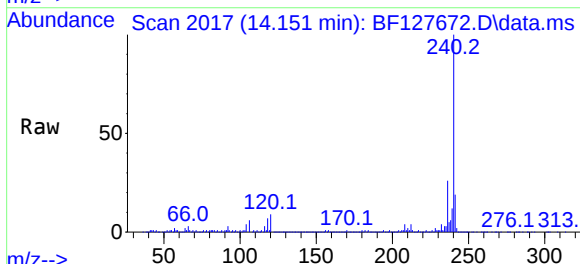
Tgt Ion:202 Resp: 85824
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.0
203 17.9 0.0 37.7

Manual Integrations
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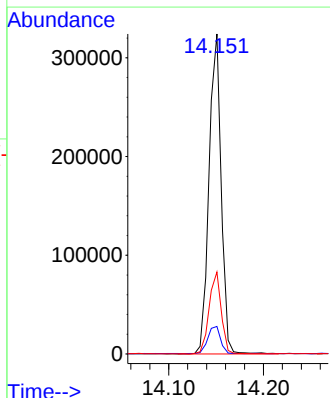
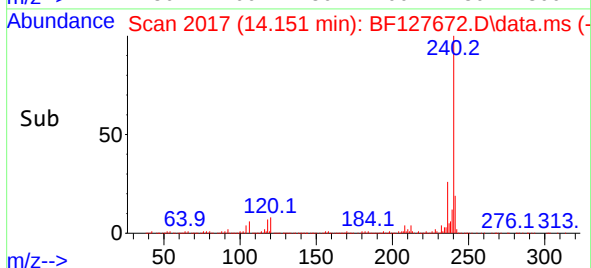
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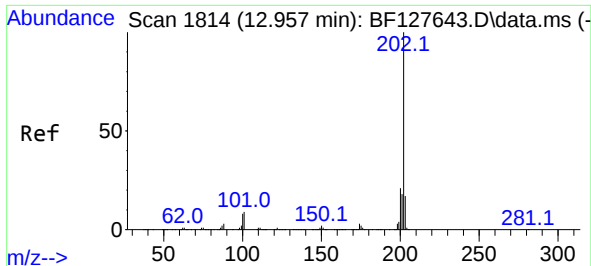


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



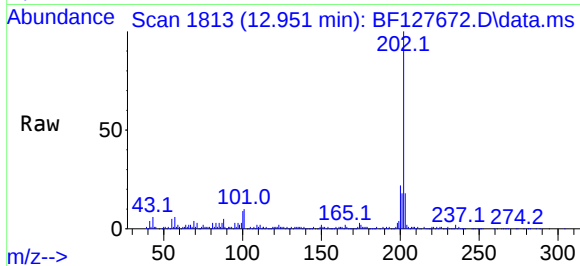
Tgt Ion:240 Resp: 287706
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.6 20.7 31.1





#78
Pyrene
Concen: 3.589 ng
RT: 12.951 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

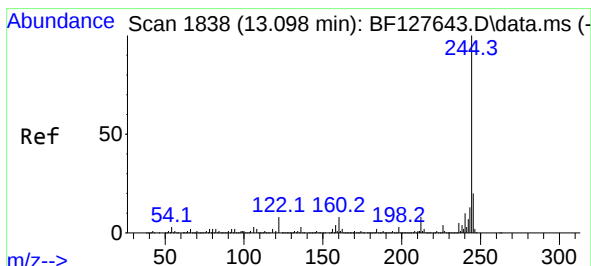
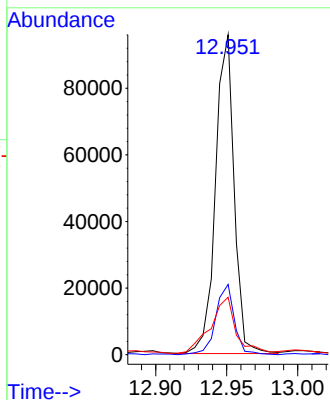
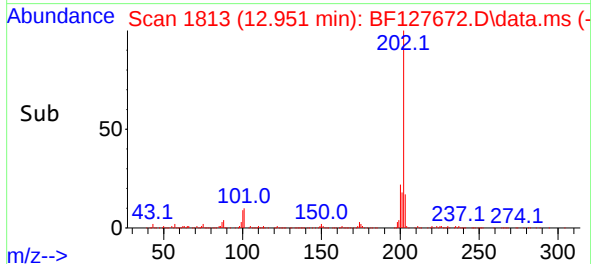
Instrument :
BNA_F
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LINDEN-NORTH



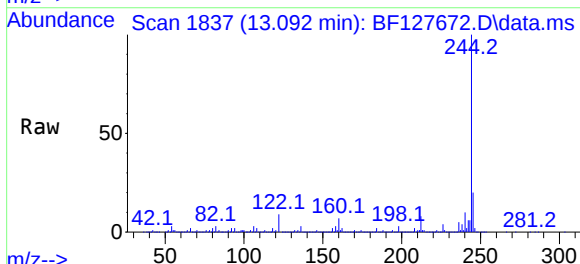
Tgt Ion:202 Resp: 87189
Ion Ratio Lower Upper
202 100
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203 17.9 14.3 21.5

Manual Integrations
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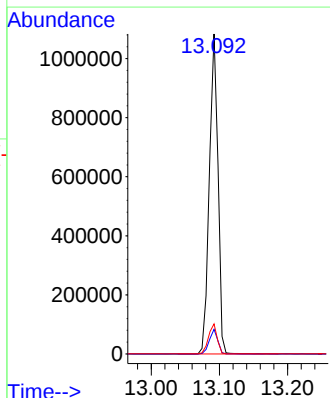
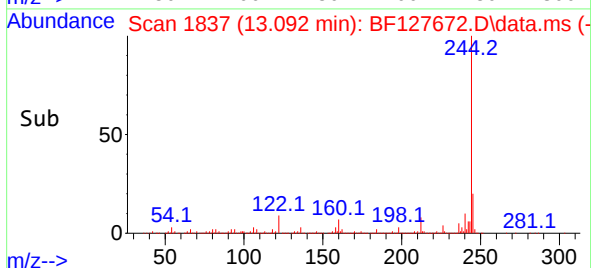
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

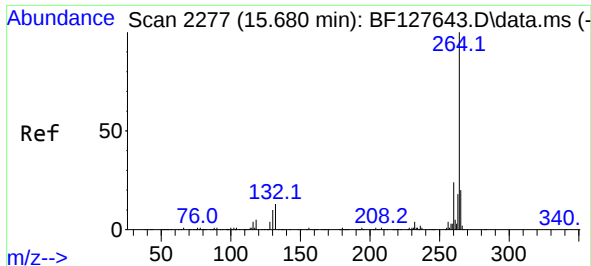


#79
Terphenyl-d14
Concen: 54.783 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



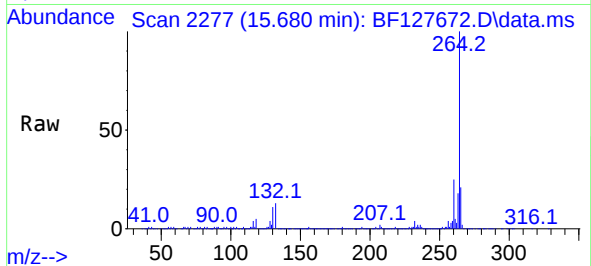
Tgt Ion:244 Resp: 954881
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.4 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

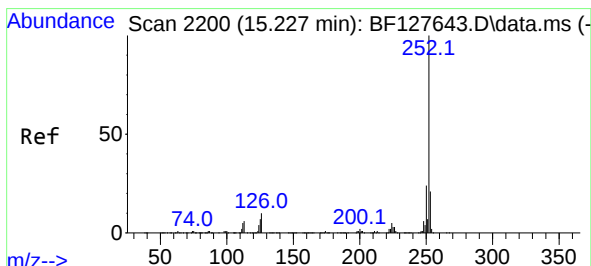
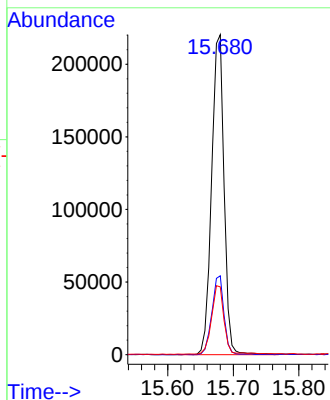
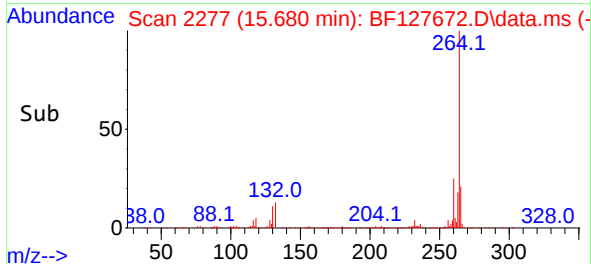
Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH



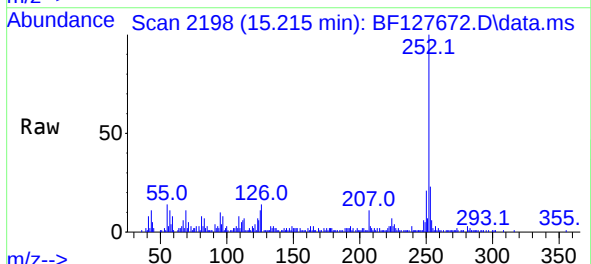
Tgt Ion:264 Resp: 29069
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 21.2 17.4 26.2

Manual Integrations
APPROVED

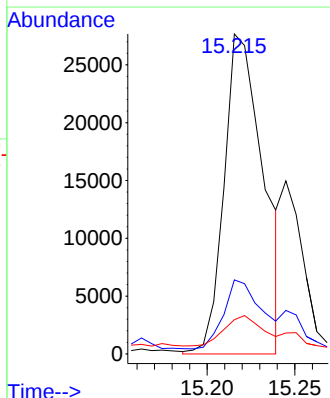
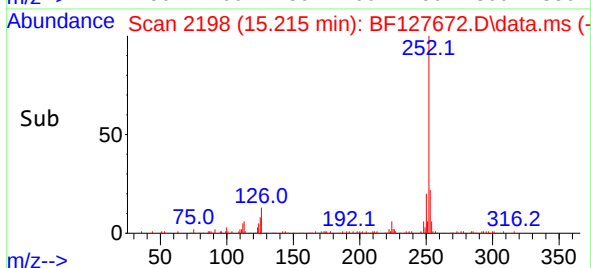
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

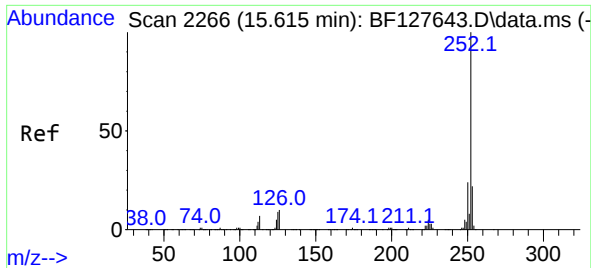


#88
Benzo(b)fluoranthene
Concen: 2.293 ng m
RT: 15.215 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53



Tgt Ion:252 Resp: 42882
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.7 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 2.016 ng
RT: 15.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127672.D
Acq: 07 Apr 2022 02:53

Instrument :
BNA_F
ClientSampleId :
LINDEN-NORTH

Tgt Ion:252 Resp: 3063
Ion Ratio Lower Upper
252 100
253 19.7 17.0 25.6
125 10.9 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

