

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126676.D
 Acq On : 25 Jan 2022 20:56
 Operator : CG/JU
 Sample : N1251-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2022
 Supervised By : Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 00:23:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	101528	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	374091	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	178276	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	256733	20.000	ng	0.00
76) Chrysene-d12	14.145	240	236133	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	214123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	813020	105.375	ng	0.00
7) Phenol-d6	6.581	99	1078832	100.640	ng	0.00
23) Nitrobenzene-d5	7.528	82	795413	83.224	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	169435	101.556	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	911468	78.301	ng	0.00
79) Terphenyl-d14	13.086	244	755899	53.692	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.522	178	55261	3.768	ng	98
75) Fluoranthene	12.710	202	94300	6.509	ng	98
78) Pyrene	12.945	202	89822	4.704	ng	99
81) Benzo(a)anthracene	14.133	228	40900m	2.548	ng	
83) Chrysene	14.168	228	47536	3.078	ng	98
88) Benzo(b)fluoranthene	15.210	252	50822m	3.579	ng	
90) Benzo(a)pyrene	15.598	252	35049	3.034	ng	# 92

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

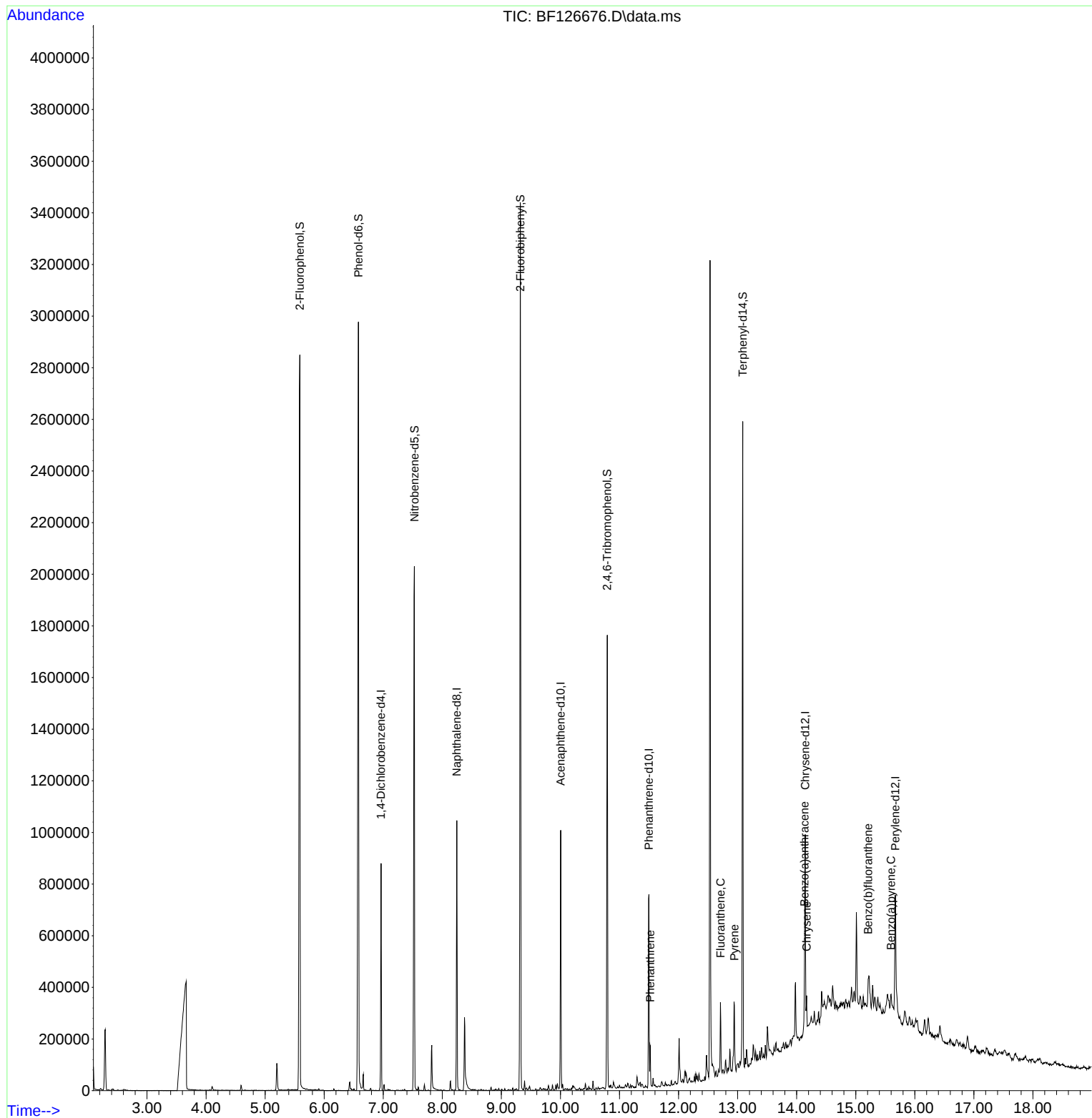
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126676.D
Acq On : 25 Jan 2022 20:56
Operator : CG/JU
Sample : N1251-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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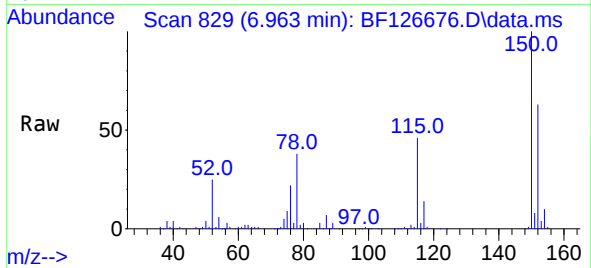
Quant Time: Jan 26 00:23:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

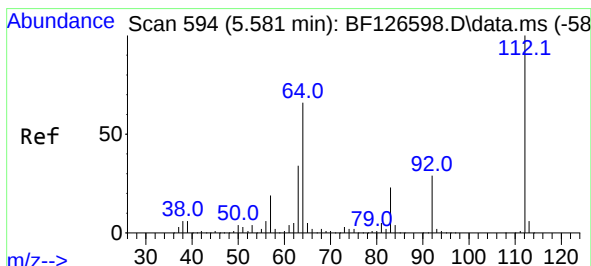
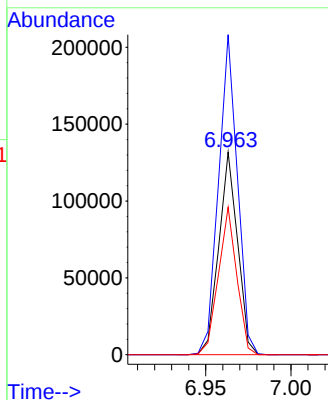
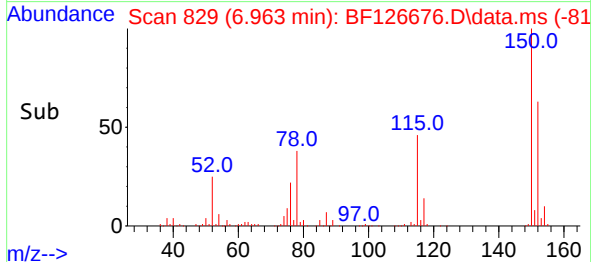
Instrument :
BNA_F
ClientSampleId :
275



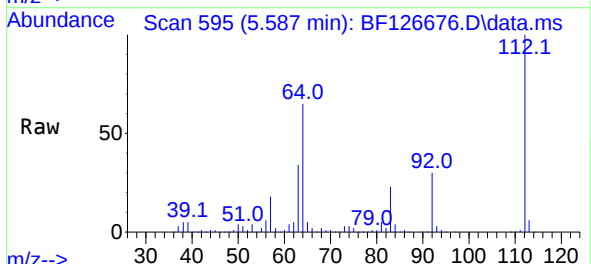
Tgt Ion:152 Resp: 101528
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 72.7 56.7 85.1

Manual Integrations
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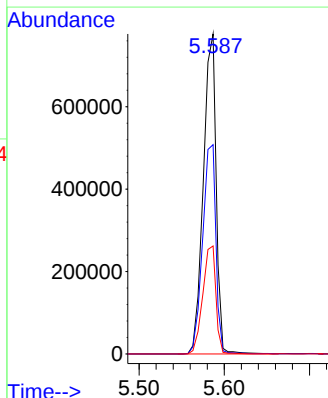
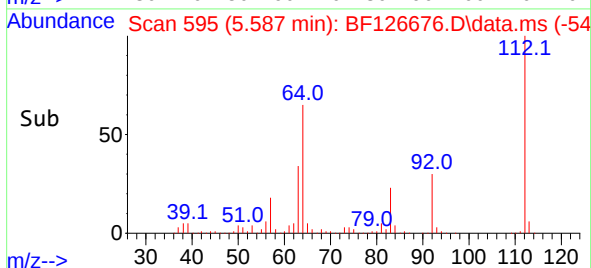
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

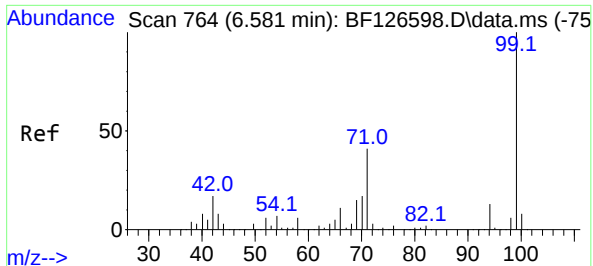


#5
2-Fluorophenol
Concen: 105.375 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



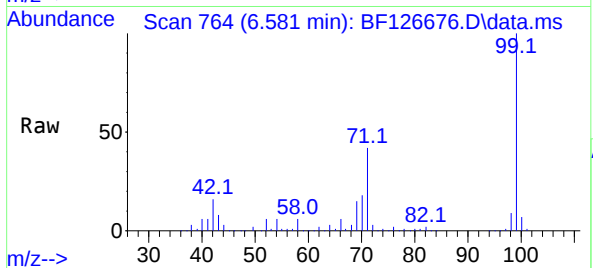
Tgt Ion:112 Resp: 813020
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 33.7 23.9 35.9





#7
Phenol-d6
Concen: 100.640 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

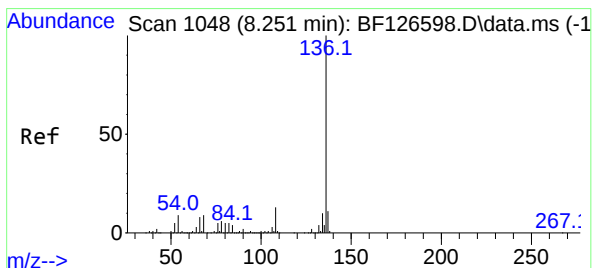
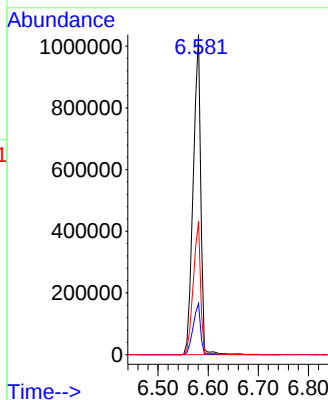
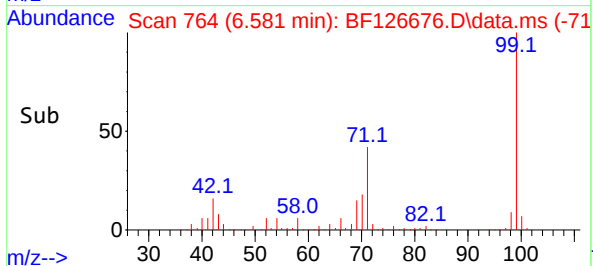
Instrument :
BNA_F
ClientSampleId :
275



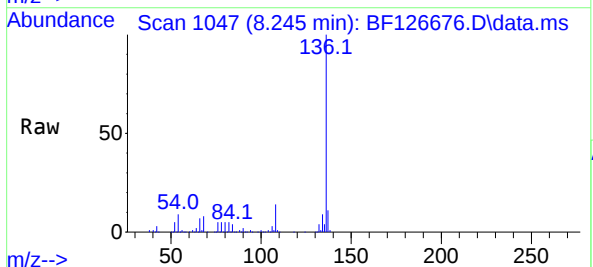
Tgt Ion: 99 Resp: 107883
Ion Ratio Lower Upper
99 100
42 16.0 14.2 21.4
71 41.6 24.3 36.5

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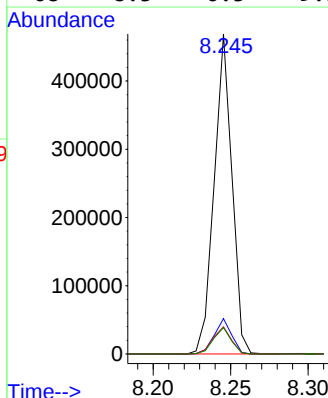
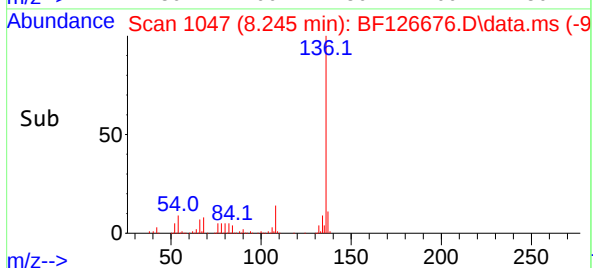
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

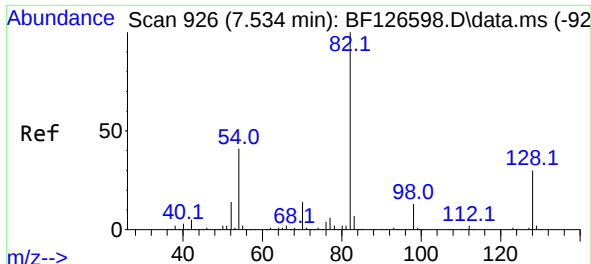


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



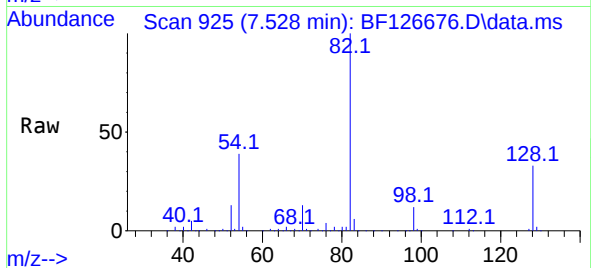
Tgt Ion:136 Resp: 374091
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.8 11.6
68 8.3 6.3 9.5





#23
Nitrobenzene-d5
Concen: 83.224 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

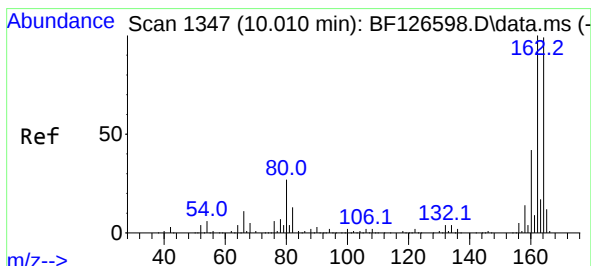
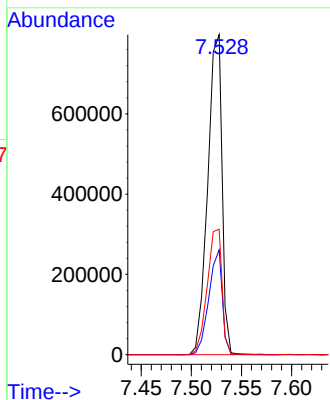
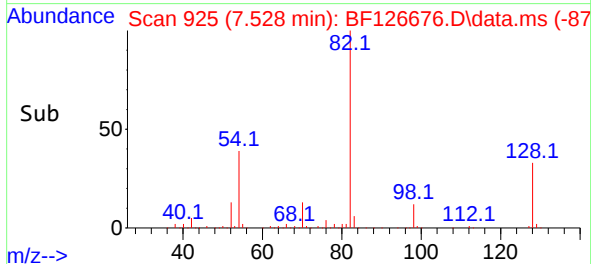
Instrument :
BNA_F
ClientSampleId :
275



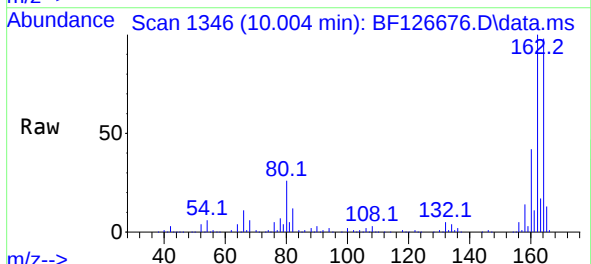
Tgt Ion: 82 Resp: 79541
Ion Ratio Lower Upper
82 100
128 32.8 32.7 49.1
54 39.2 41.7 62.5

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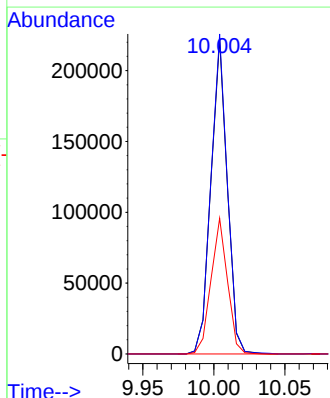
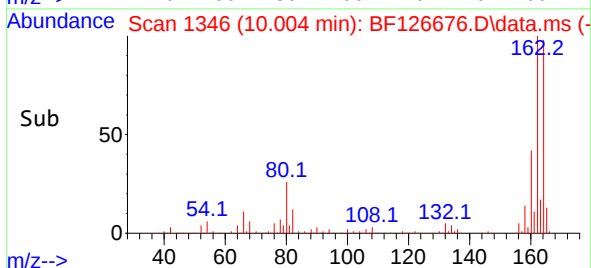
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

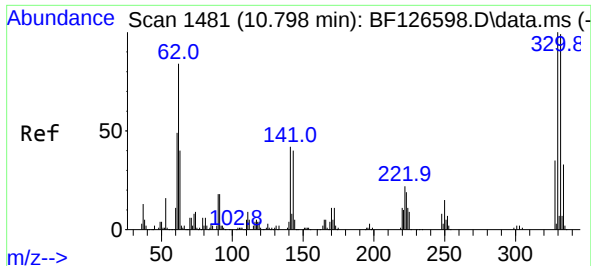


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



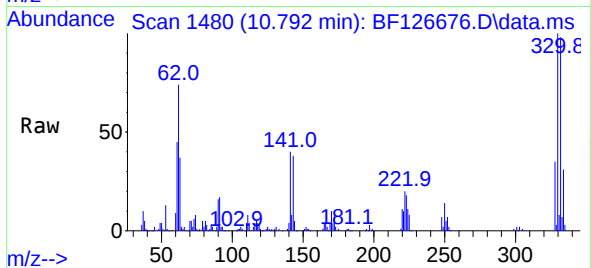
Tgt Ion:164 Resp: 178276
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.0 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 101.556 ng
RT: 10.792 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

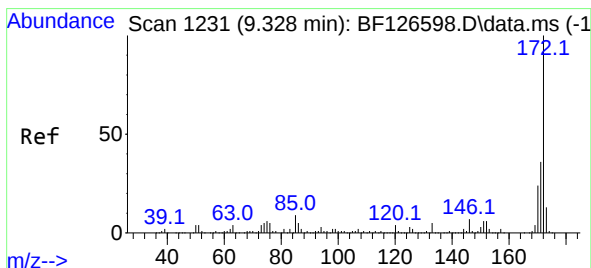
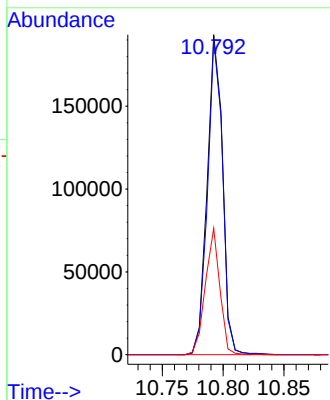
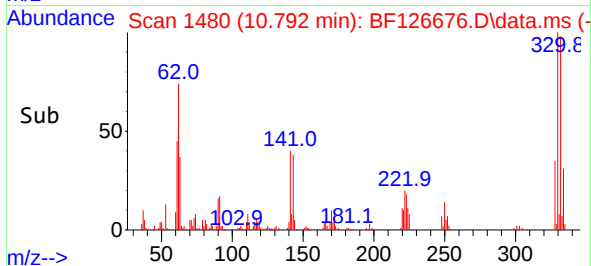
Instrument :
BNA_F
ClientSampleId :
275



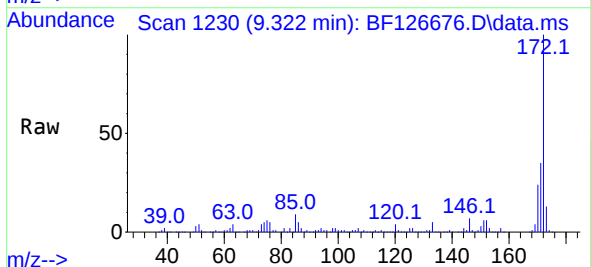
Tgt Ion: 330 Resp: 169435
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 37.2 30.1 45.1

Manual Integrations
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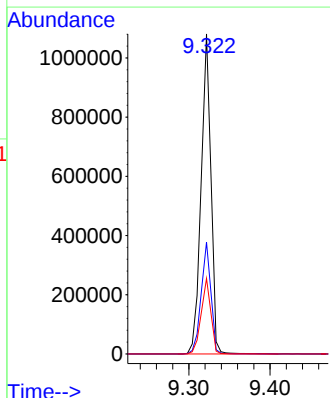
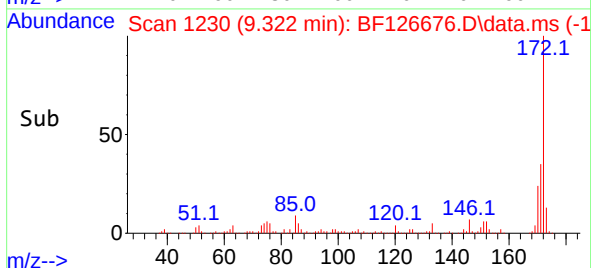
Reviewed By : Christian Giraldo 01/26/2022
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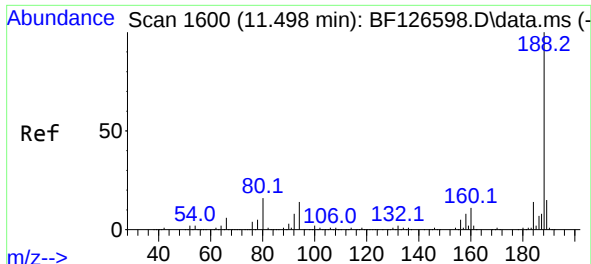


#45
2-Fluorobiphenyl
Concen: 78.301 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



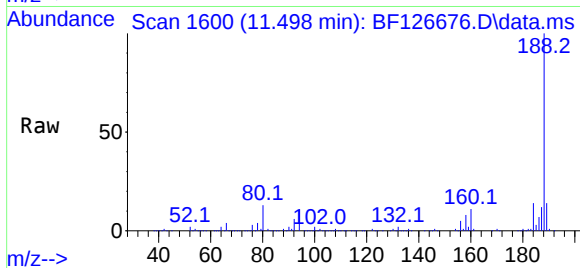
Tgt Ion: 172 Resp: 911468
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

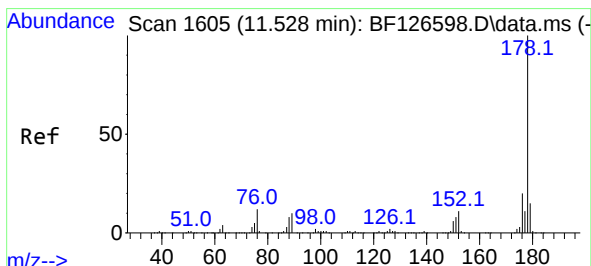
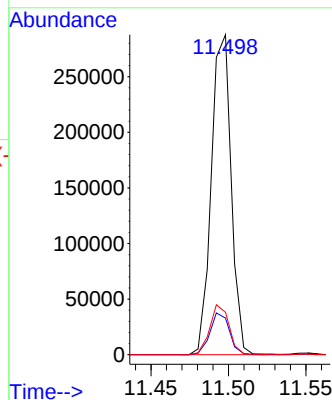
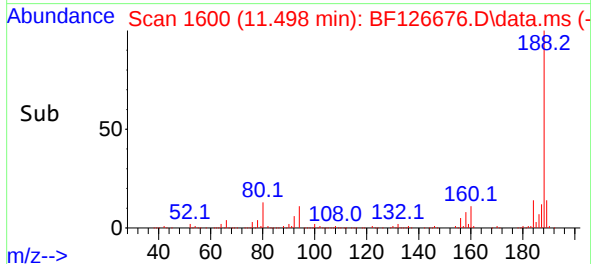
Instrument :
BNA_F
ClientSampleId :
275



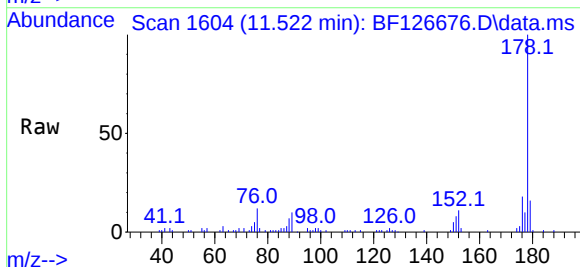
Tgt Ion:188 Resp: 256733
Ion Ratio Lower Upper
188 100
94 11.4 10.1 15.1
80 13.3 11.8 17.6

Manual Integrations
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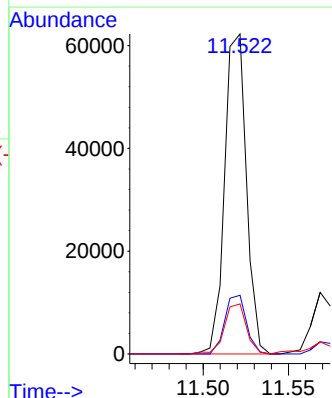
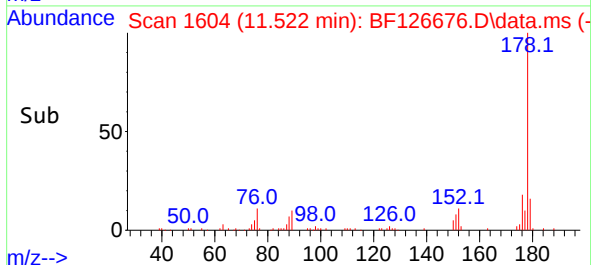
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

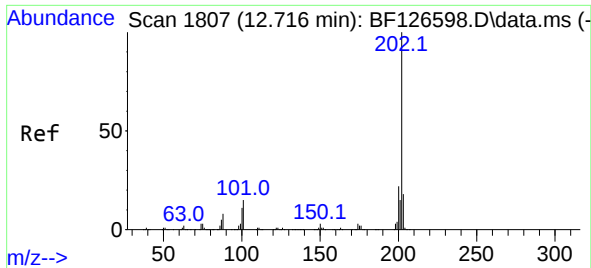


#71
Phenanthrene
Concen: 3.768 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



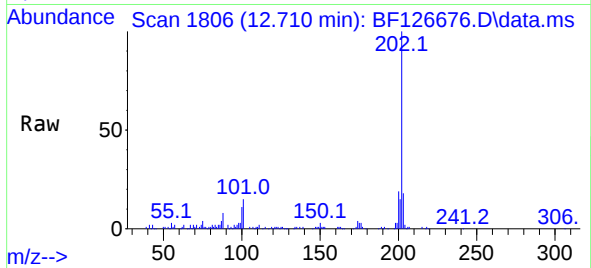
Tgt Ion:178 Resp: 55261
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.6 12.3 18.5





#75
Fluoranthene
Concen: 6.509 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

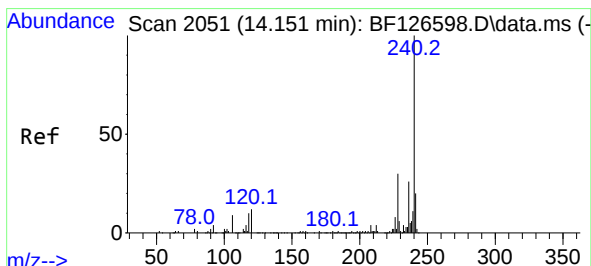
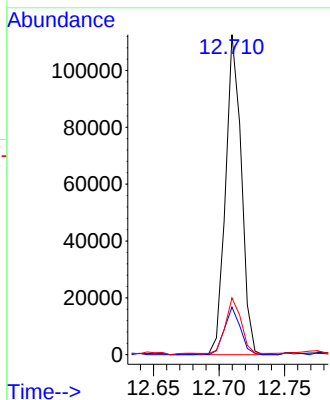
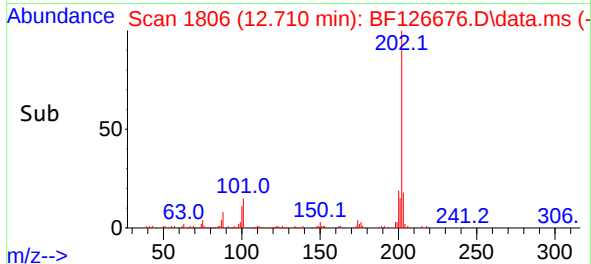
Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion:202 Resp: 94300
Ion Ratio Lower Upper
202 100
101 14.8 0.0 35.7
203 17.7 0.0 37.1

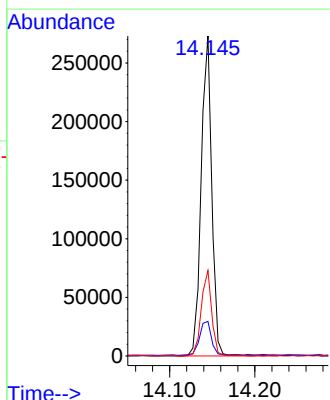
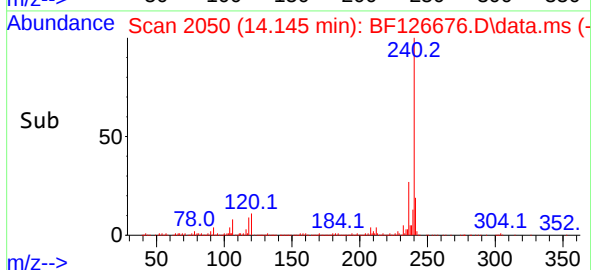
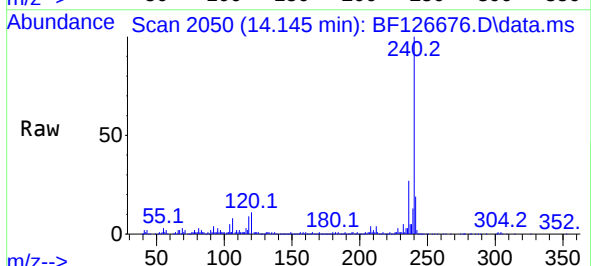
Manual Integrations
APPROVED

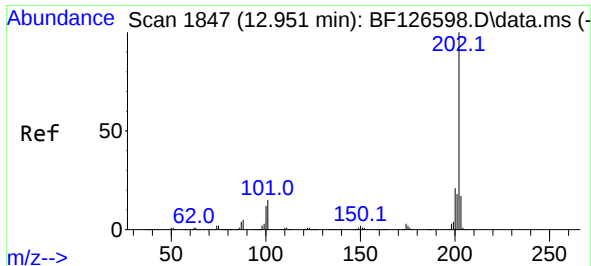
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

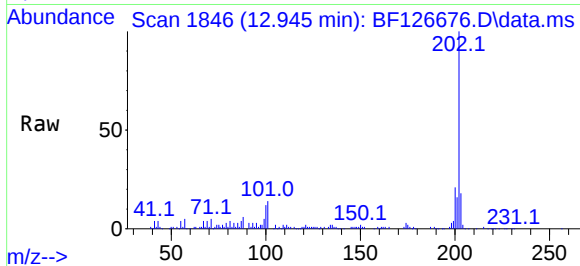
Tgt Ion:240 Resp: 236133
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 26.7 20.5 30.7





#78
Pyrene
Concen: 4.704 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

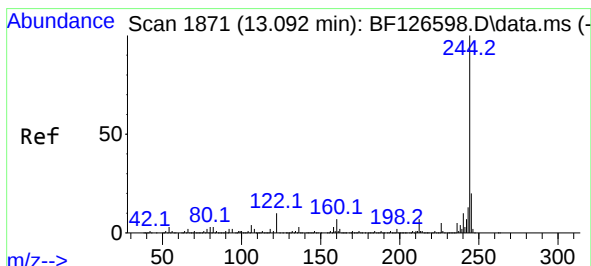
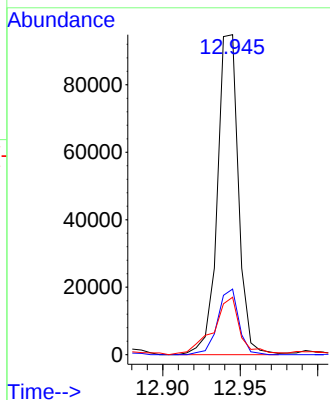
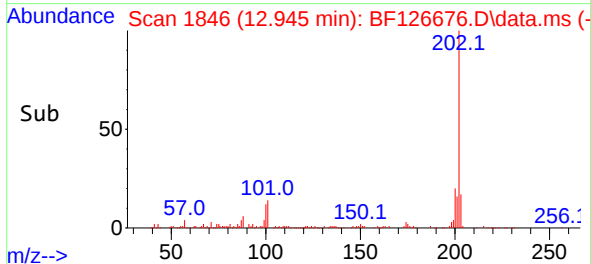
Instrument :
BNA_F
ClientSampleId :
275



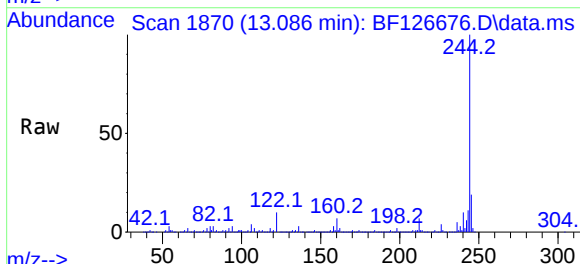
Tgt Ion:202 Resp: 8982
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.9 13.8 20.8

Manual Integrations
APPROVED

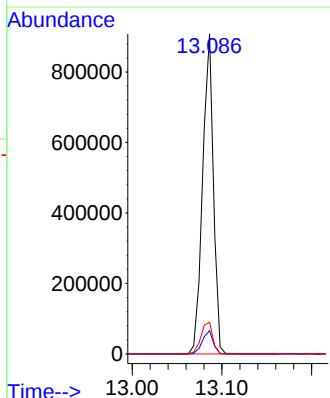
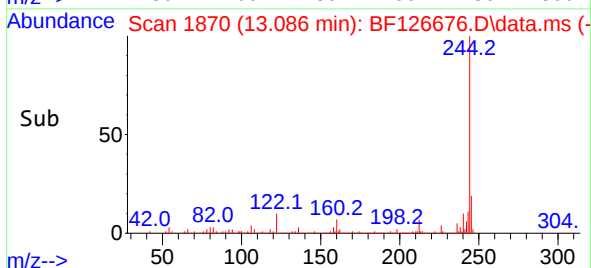
Reviewed By :Christian Giraldo 01/26/2022
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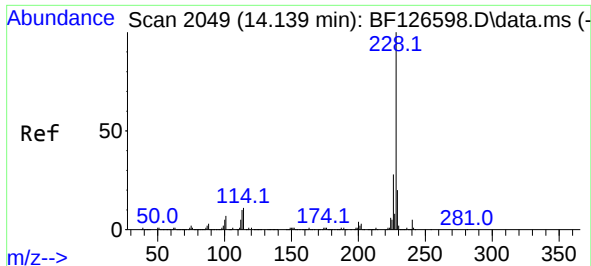


#79
Terphenyl-d14
Concen: 53.692 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



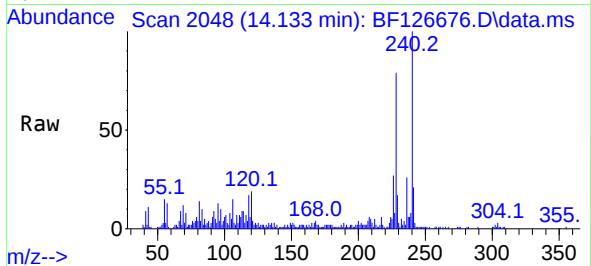
Tgt Ion:244 Resp: 755899
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 9.9 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.548 ng m
RT: 14.133 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

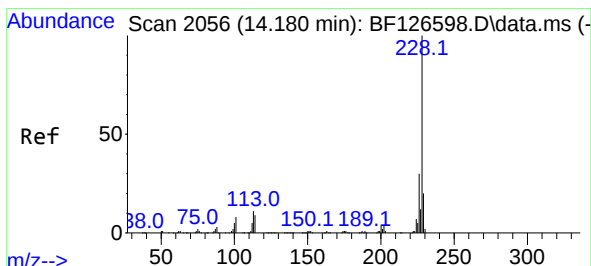
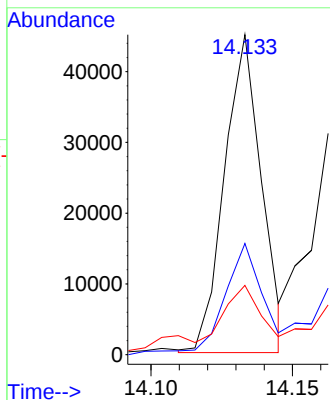
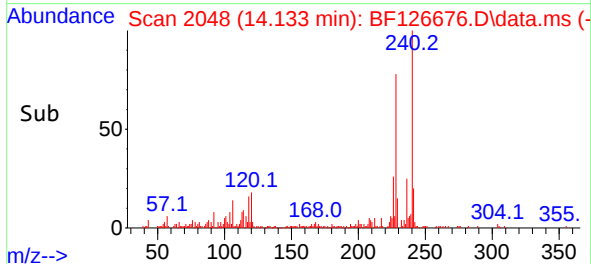
Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion:228 Resp: 40900
Ion Ratio Lower Upper
228 100
226 34.7 21.4 32.0
229 21.7 15.4 23.2

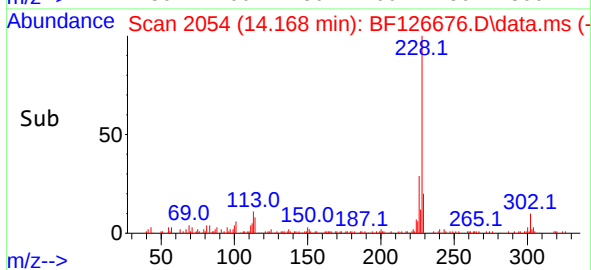
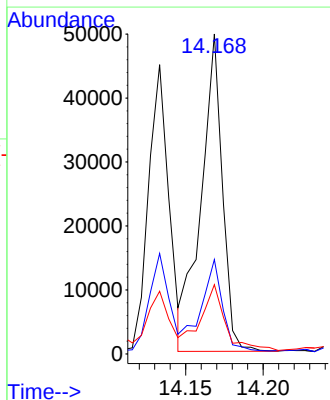
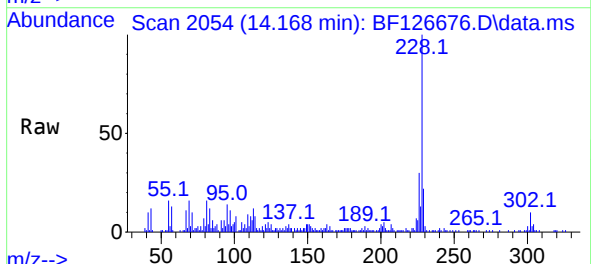
Manual Integrations
APPROVED

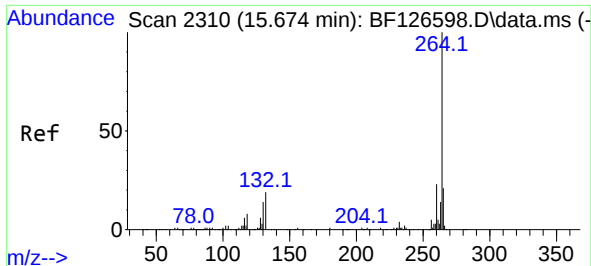
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#83
Chrysene
Concen: 3.078 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

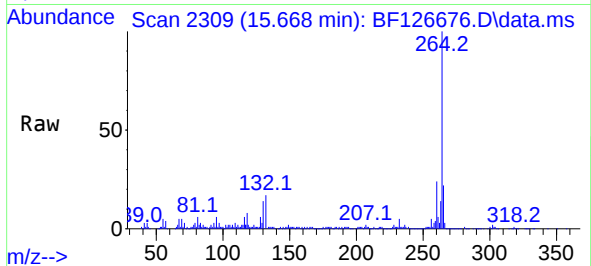
Tgt Ion:228 Resp: 47536
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 21.7 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21412
Delta R.T. -0.006 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

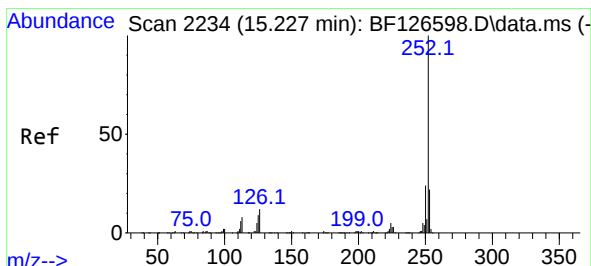
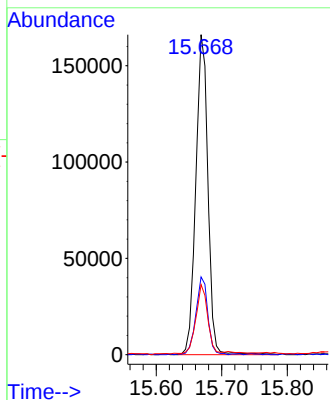
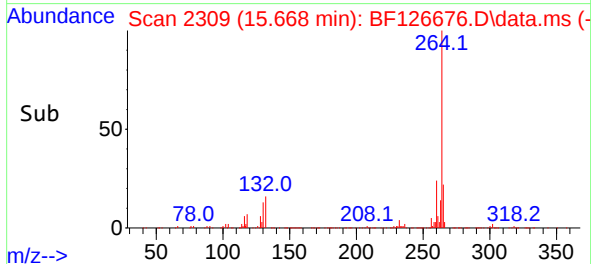
Instrument :
BNA_F
ClientSampleId :
275



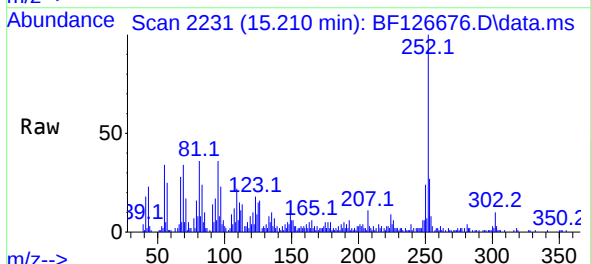
Tgt Ion:264 Resp: 21412
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.4 26.2

Manual Integrations
APPROVED

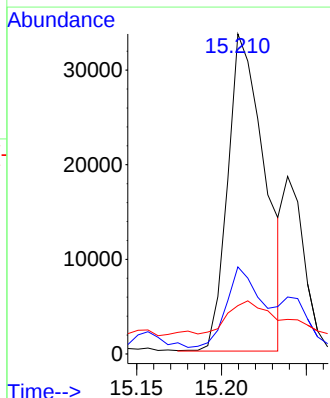
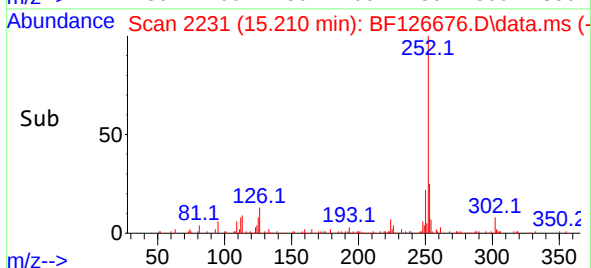
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

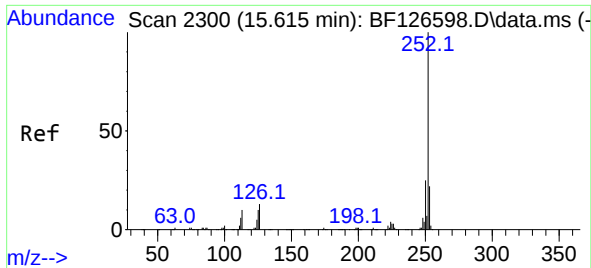


#88
Benzo(b)fluoranthene
Concen: 3.579 ng m
RT: 15.210 min Scan# 2231
Delta R.T. -0.018 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56



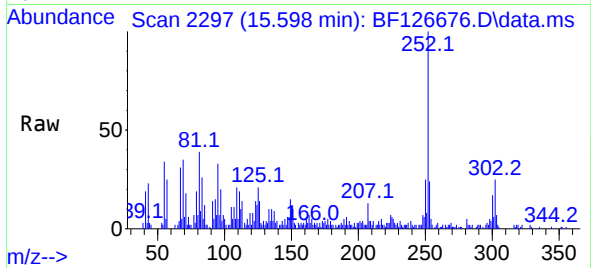
Tgt Ion:252 Resp: 50822
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.8#
125 15.1 12.4 18.6





#90
Benzo(a)pyrene
Concen: 3.034 ng
RT: 15.598 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126676.D
Acq: 25 Jan 2022 20:56

Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion:252 Resp: 35049
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 20.6 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

