

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126723.D
 Acq On : 28 Jan 2022 18:25
 Operator : CG/JU
 Sample : N1319-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/31/2022
 Supervised By : Jagrut Upadhyay 01/31/2022

Quant Time: Jan 29 02:28:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	161157	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	619175	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	315627	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	486722	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	335982	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	356668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1148883	93.810	ng	0.00
7) Phenol-d6	6.569	99	1551700	91.193	ng	0.00
23) Nitrobenzene-d5	7.516	82	1065968	67.385	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	272543	92.269	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1345900	65.306	ng	0.00
79) Terphenyl-d14	13.080	244	1134683	56.645	ng	0.00
Target Compounds						
10) Phenol	6.581	94	57136	3.157	ng	Qvalue 89
87) Indeno(1,2,3-cd)pyrene	17.204	276	66382	3.012	ng	# 88
88) Benzo(b)fluoranthene	15.204	252	54805m	2.317	ng	
90) Benzo(a)pyrene	15.586	252	41050	2.133	ng	96
92) Benzo(g,h,i)perylene	17.674	276	83260	4.651	ng	# 92

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

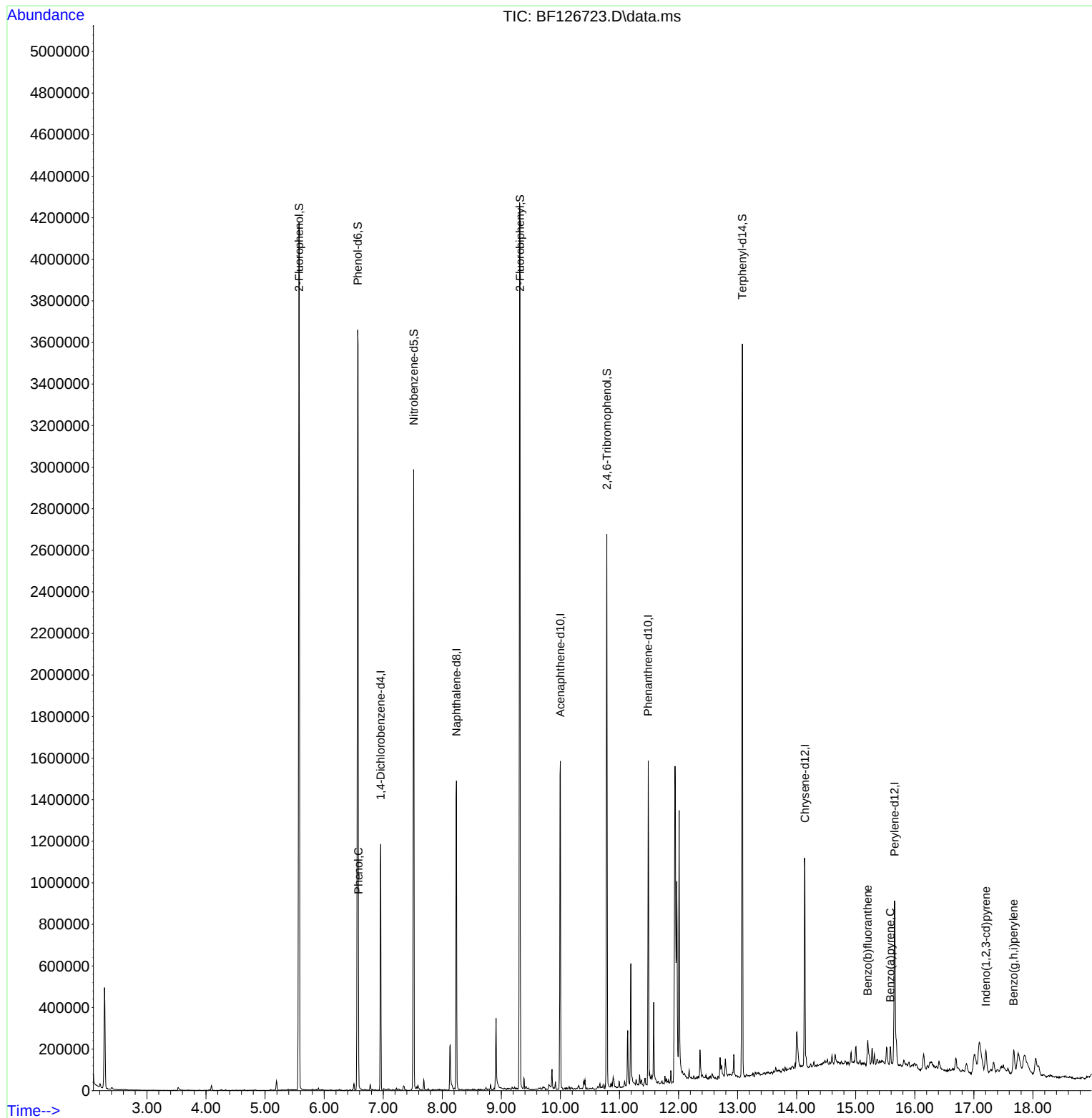
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126723.D
Acq On : 28 Jan 2022 18:25
Operator : CG/JU
Sample : N1319-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-1S

Quant Time: Jan 29 02:28:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

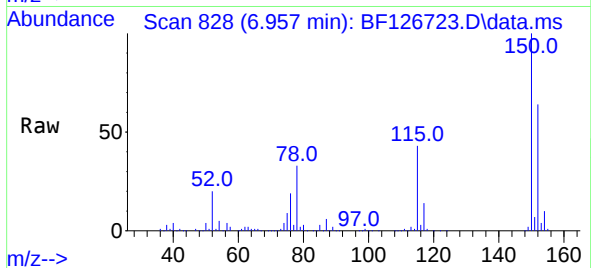
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

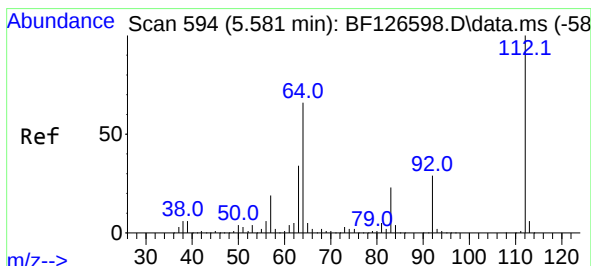
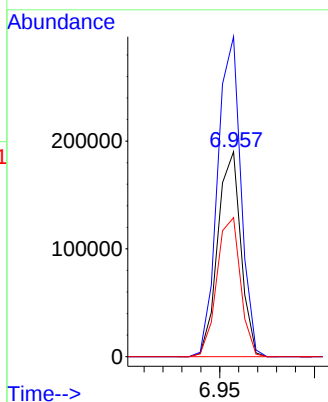
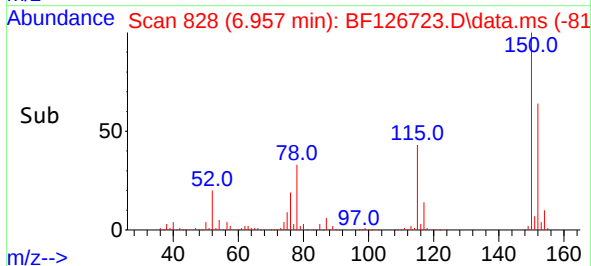
Instrument :
BNA_F
ClientSampleId :
MH-1S



Tgt Ion:152 Resp: 16115
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 67.9 56.7 85.1

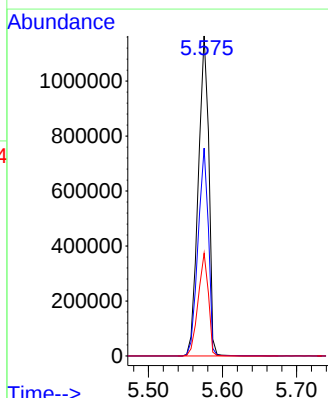
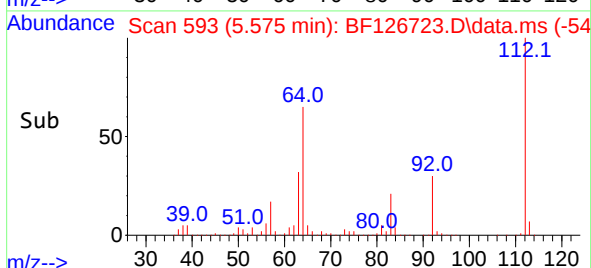
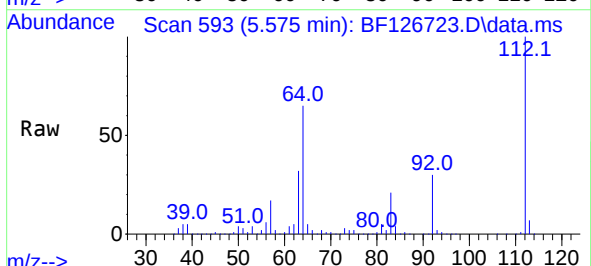
Manual Integrations
APPROVED

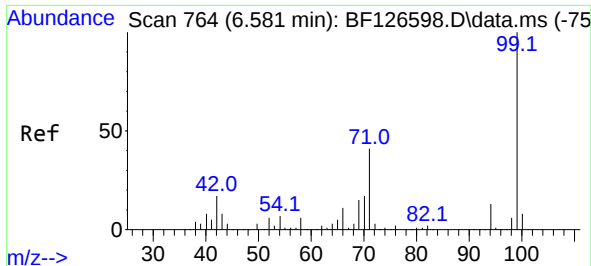
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#5
2-Fluorophenol
Concen: 93.810 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

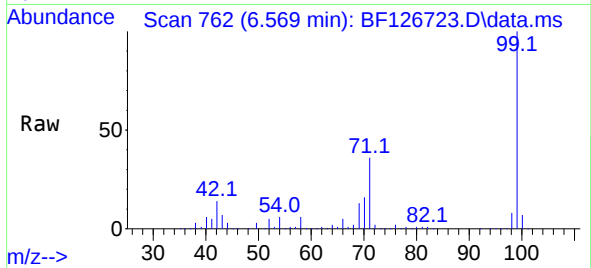
Tgt Ion:112 Resp: 1148883
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 32.1 23.9 35.9





#7
Phenol-d6
Concen: 91.193 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

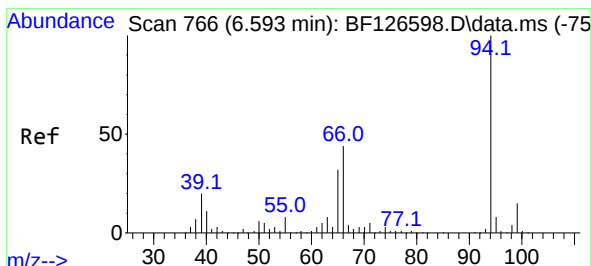
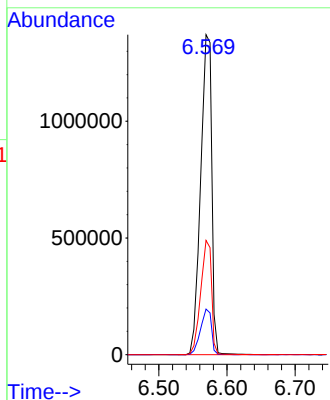
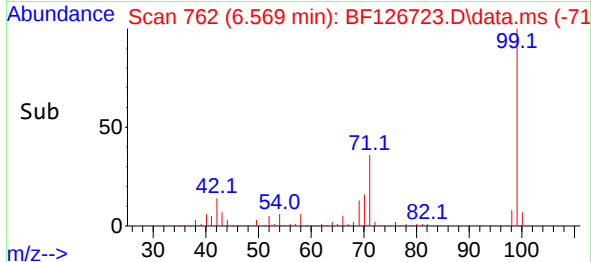
Instrument :
BNA_F
ClientSampleId :
MH-1S



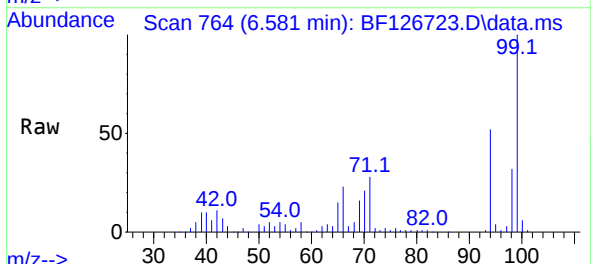
Tgt Ion: 99 Resp: 1551700
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 35.7 24.3 36.5

Manual Integrations
APPROVED

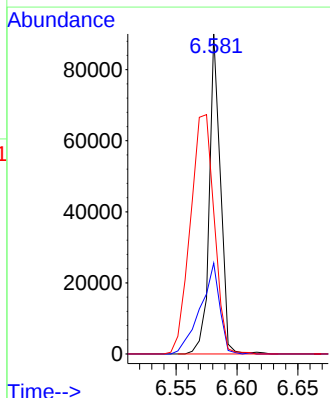
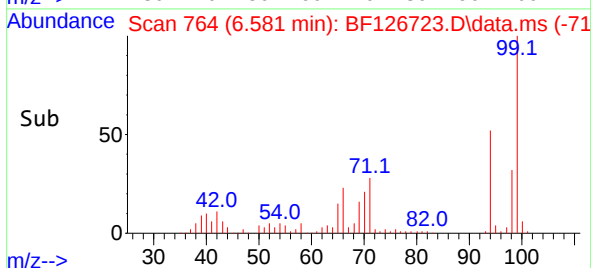
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

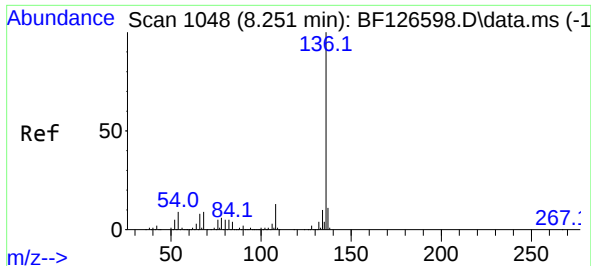


#10
Phenol
Concen: 3.157 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25



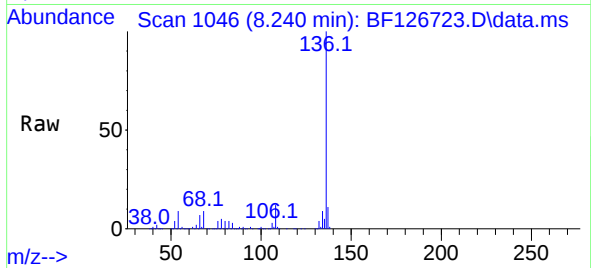
Tgt Ion: 94 Resp: 57136
Ion Ratio Lower Upper
94 100
65 28.4 7.2 47.2
66 44.5 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

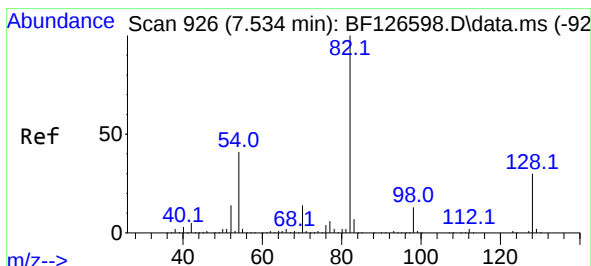
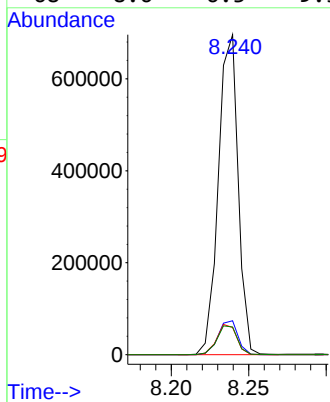
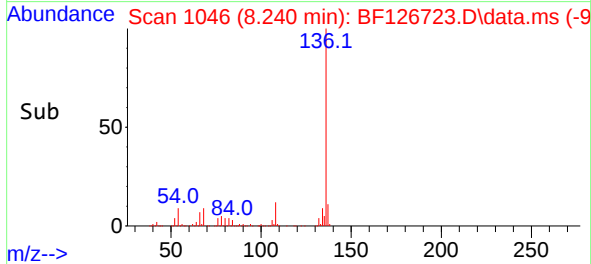
Instrument :
BNA_F
ClientSampleId :
MH-1S



Tgt Ion:136 Resp: 61917
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.8 11.6
68 8.6 6.3 9.5

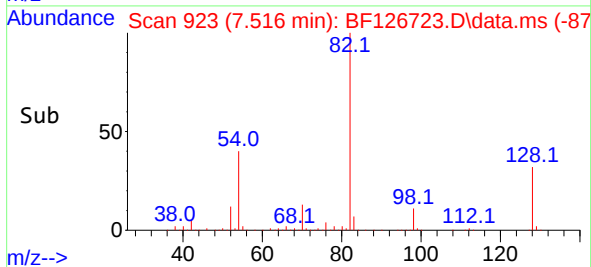
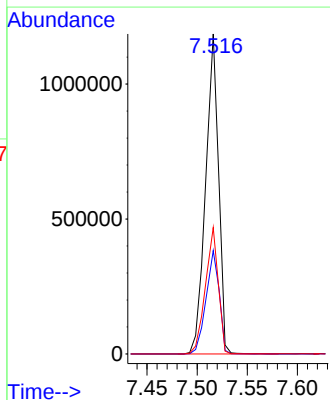
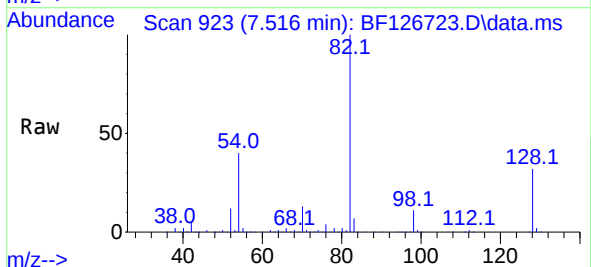
Manual Integrations
APPROVED

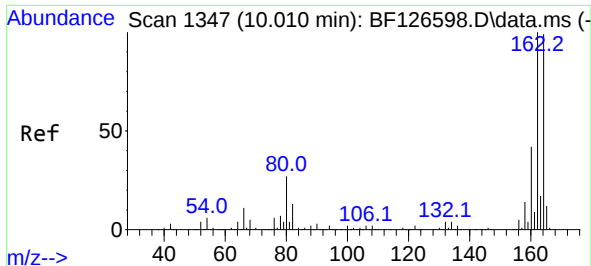
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#23
Nitrobenzene-d5
Concen: 67.385 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

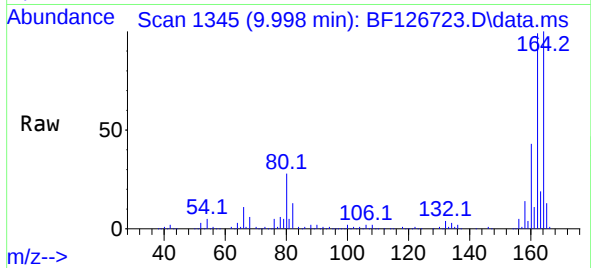
Tgt Ion: 82 Resp: 1065968
Ion Ratio Lower Upper
82 100
128 32.3 32.7 49.1#
54 39.5 41.7 62.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

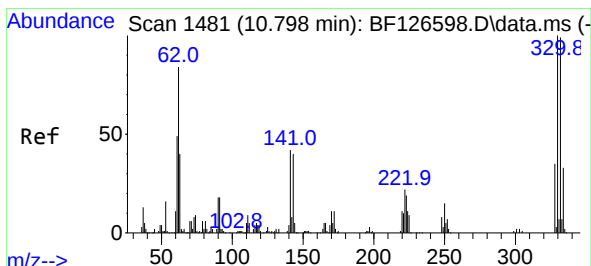
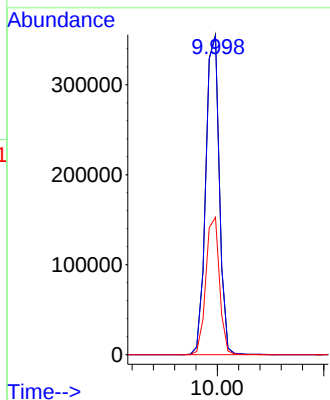
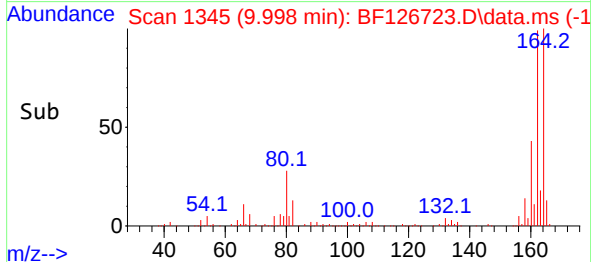
Instrument :
BNA_F
ClientSampleId :
MH-1S



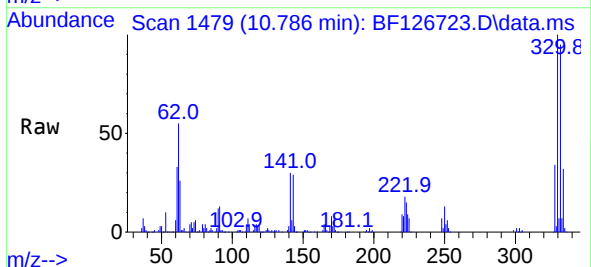
Tgt Ion:164 Resp: 31562
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 42.9 36.6 54.8

Manual Integrations
APPROVED

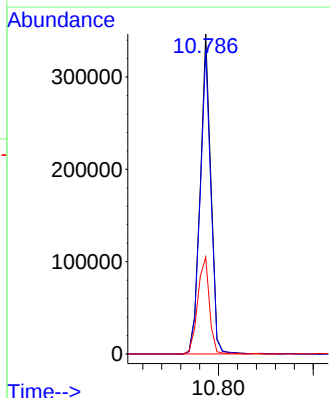
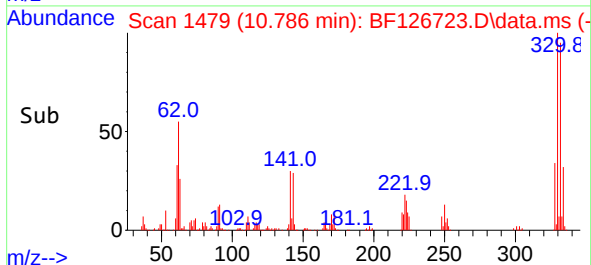
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

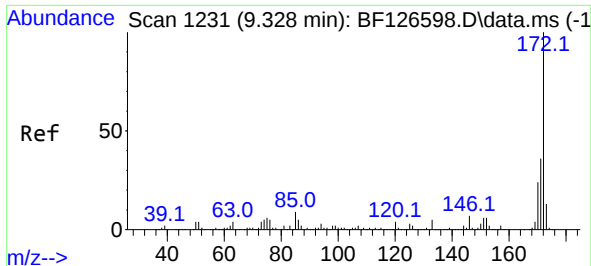


#42
2,4,6-Tribromophenol
Concen: 92.269 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25



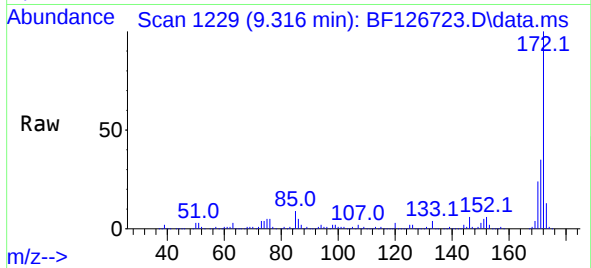
Tgt Ion:330 Resp: 272543
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 32.9 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 65.306 ng
RT: 9.316 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

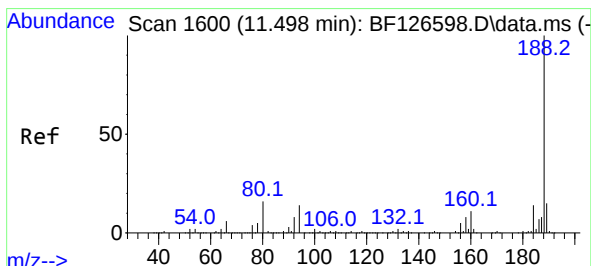
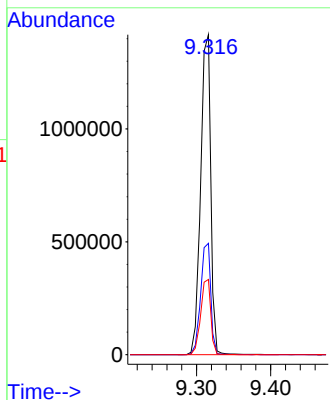
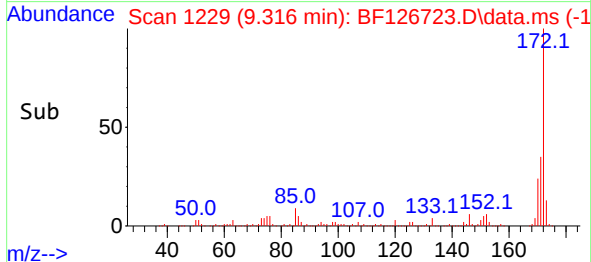
Instrument :
BNA_F
ClientSampleId :
MH-1S



Tgt Ion:172 Resp: 1345900
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.5 19.0 28.6

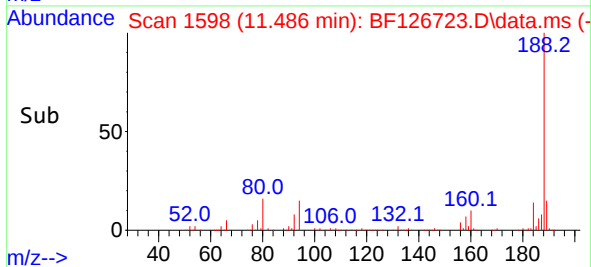
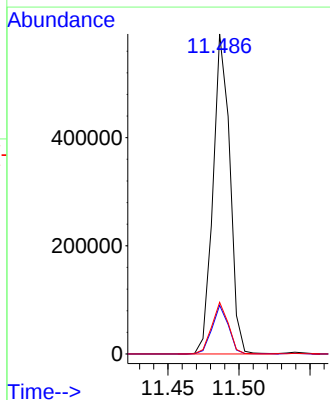
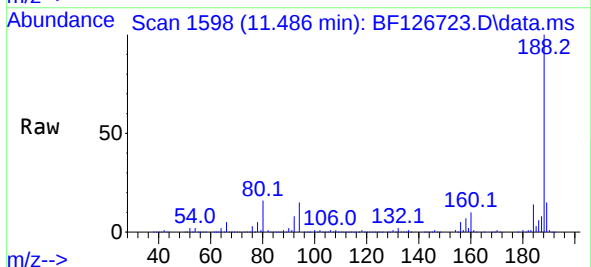
Manual Integrations
APPROVED

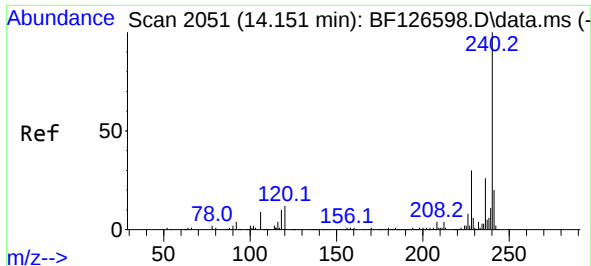
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

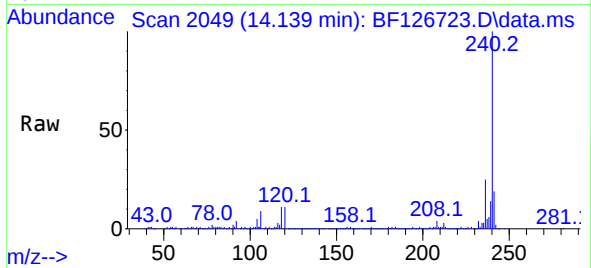
Tgt Ion:188 Resp: 486722
Ion Ratio Lower Upper
188 100
94 15.2 10.1 15.1#
80 16.2 11.8 17.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

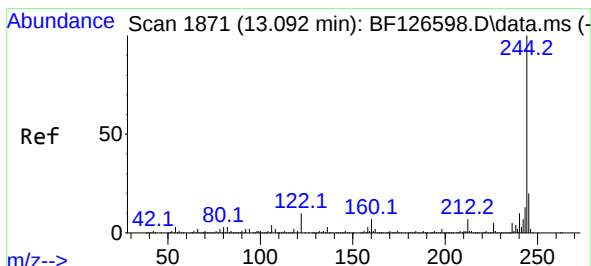
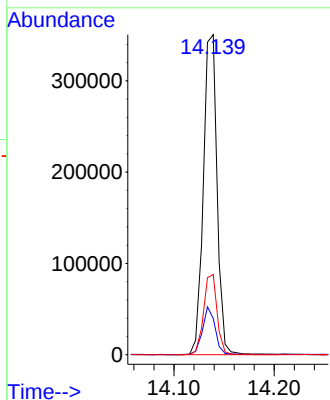
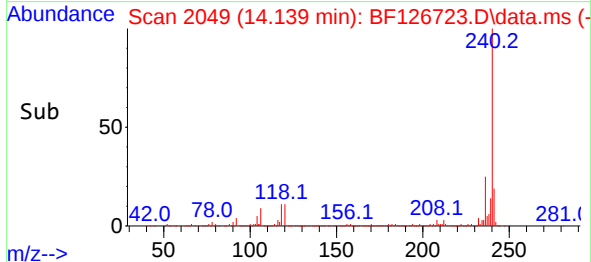
Instrument :
BNA_F
ClientSampleId :
MH-1S



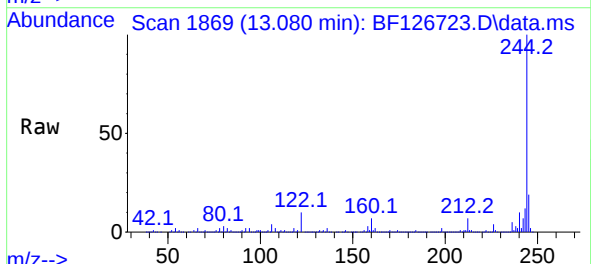
Tgt Ion:240 Resp: 335983
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6
236 25.1 20.5 30.7

Manual Integrations
APPROVED

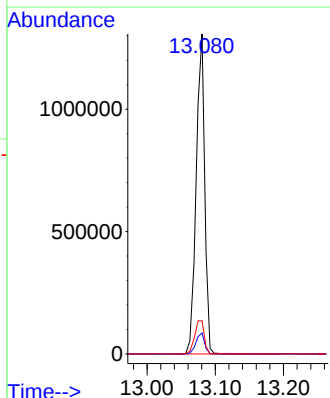
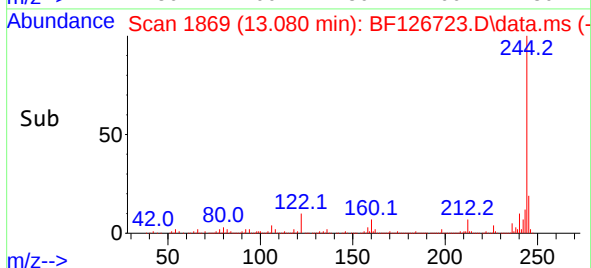
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

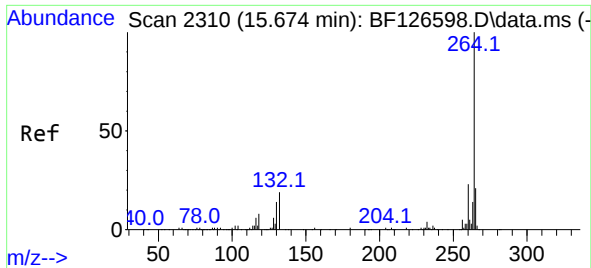


#79
Terphenyl-d14
Concen: 56.645 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25



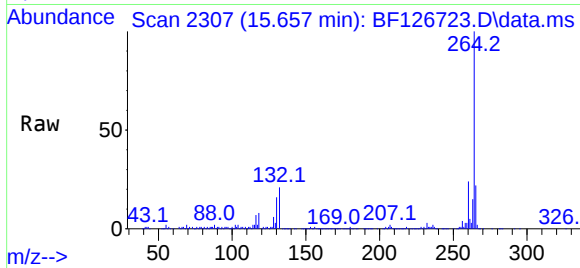
Tgt Ion:244 Resp: 1134683
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.4 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

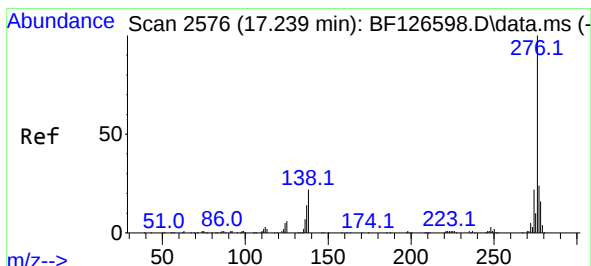
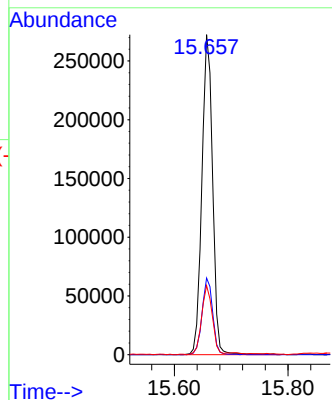
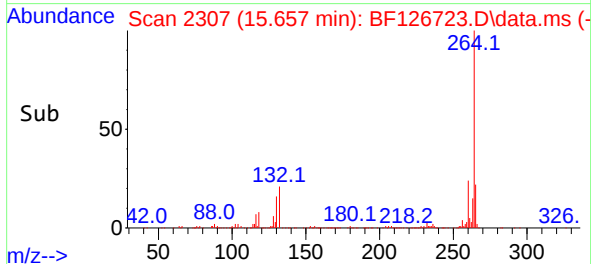
Instrument :
BNA_F
ClientSampleId :
MH-1S



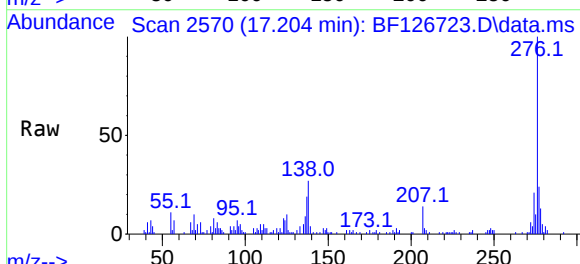
Tgt Ion:264 Resp: 35666
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 17.4 26.2

Manual Integrations
APPROVED

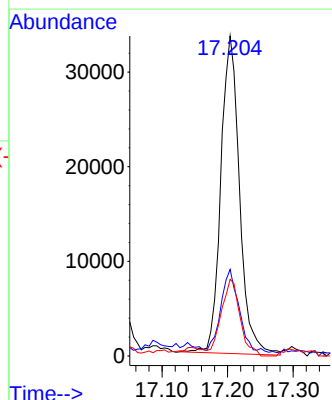
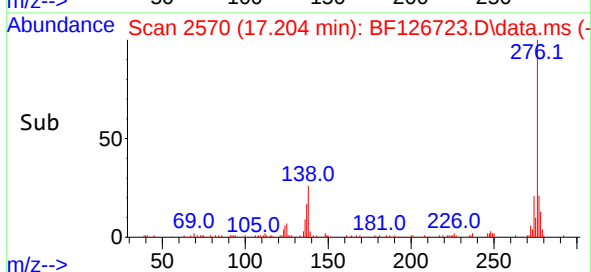
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

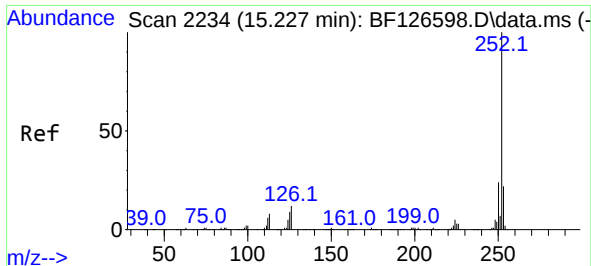


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.012 ng
RT: 17.204 min Scan# 2570
Delta R.T. -0.017 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25



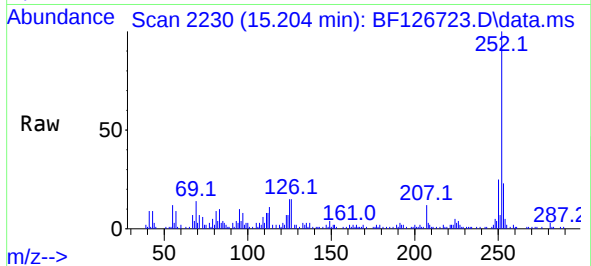
Tgt Ion:276 Resp: 66382
Ion Ratio Lower Upper
276 100
138 25.4 29.2 43.8#
277 24.2 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 2.317 ng m
RT: 15.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

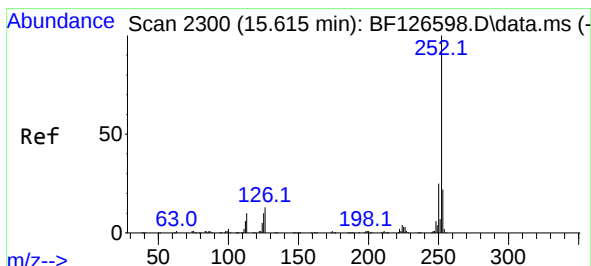
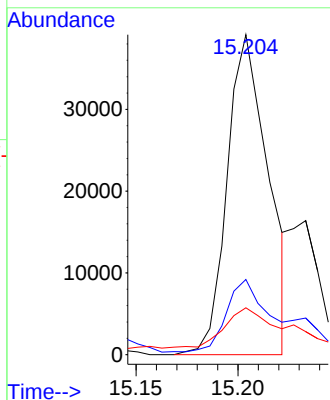
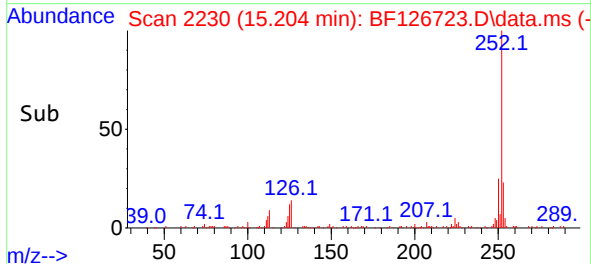
Instrument :
BNA_F
ClientSampleId :
MH-1S



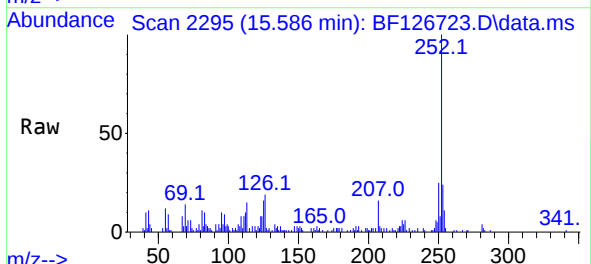
Tgt Ion:252 Resp: 5480
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 14.7 12.4 18.6

Manual Integrations
APPROVED

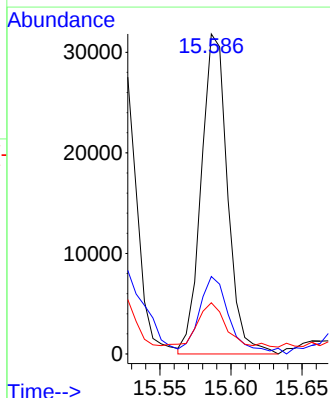
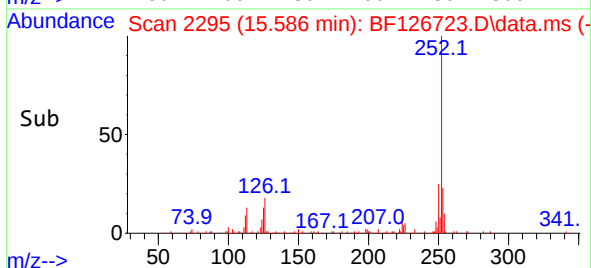
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

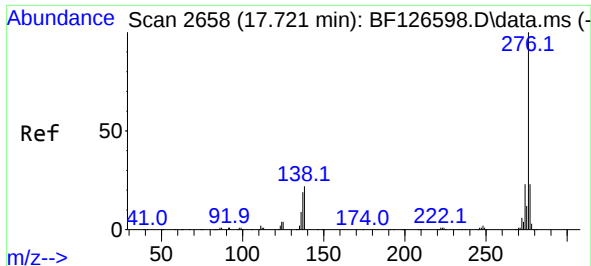


#90
Benzo(a)pyrene
Concen: 2.133 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25



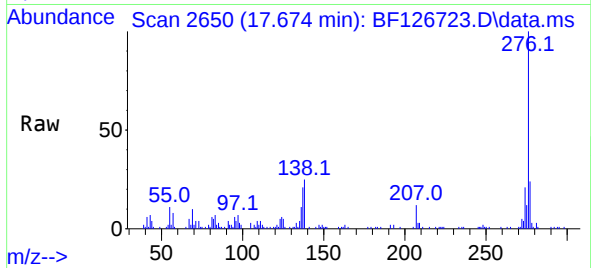
Tgt Ion:252 Resp: 41050
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 16.0 13.0 19.6





#92
Benzo(g,h,i)perylene
Concen: 4.651 ng
RT: 17.674 min Scan# 20
Delta R.T. -0.023 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Instrument :
BNA_F
ClientSampleId :
MH-1S



Tgt Ion:276 Resp: 83260
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 25.0 25.9 38.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

