

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126369.D
 Acq On : 27 Dec 2021 22:15
 Operator : JU/CG
 Sample : M5230-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC164718

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 06:00:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	103901	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	397678	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	158474	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	218473	20.000	ng	#-0.01
76) Chrysene-d12	13.968	240	214588	20.000	ng	-0.01
86) Perylene-d12	15.415	264	210470	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	628880	89.135	ng	0.00
7) Phenol-d6	6.434	99	760872	84.933	ng	-0.01
23) Nitrobenzene-d5	7.369	82	462829	63.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	110714	86.932	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	619428	68.554	ng	-0.01
79) Terphenyl-d14	12.916	244	507380	41.097	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.351	178	28153	2.497	ng	100
75) Fluoranthene	12.539	202	54672	5.381	ng	89
78) Pyrene	12.769	202	53635	2.721	ng	95
83) Chrysene	13.992	228	36675m	2.777	ng	
88) Benzo(b)fluoranthene	14.998	252	63305m	5.006	ng	
90) Benzo(a)pyrene	15.351	252	35950	3.420	ng	# 94

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

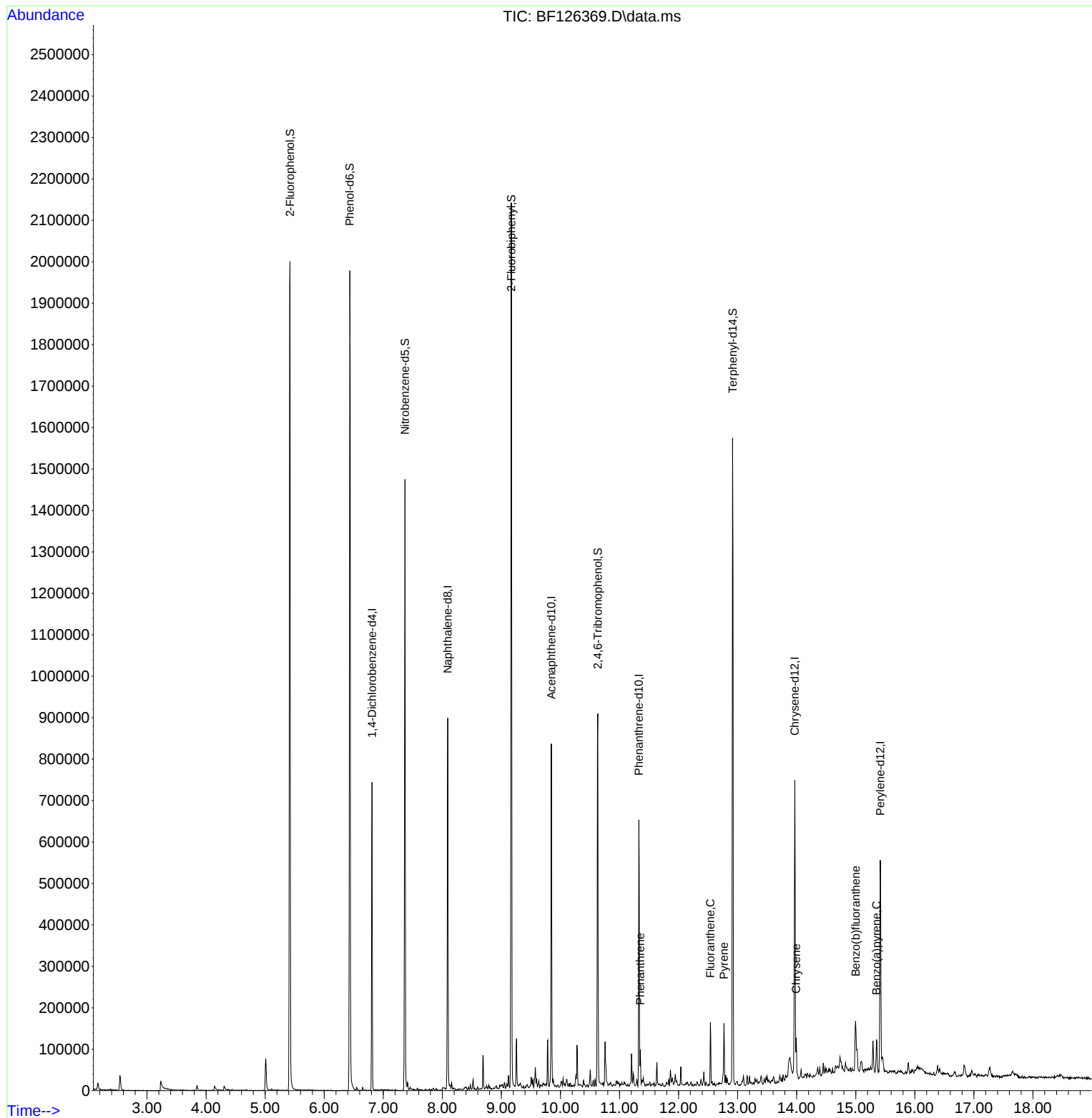
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126369.D
Acq On : 27 Dec 2021 22:15
Operator : JU/CG
Sample : M5230-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC164718

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

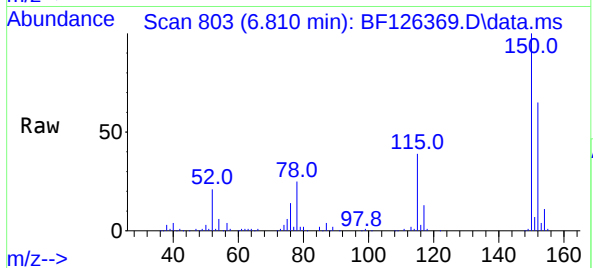
Quant Time: Dec 28 06:00:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

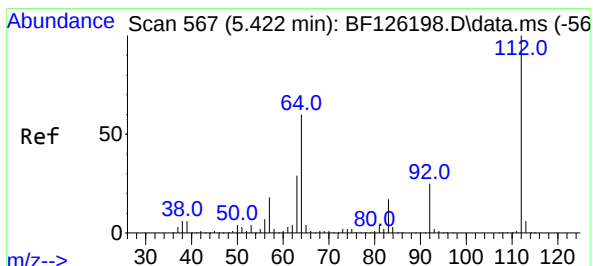
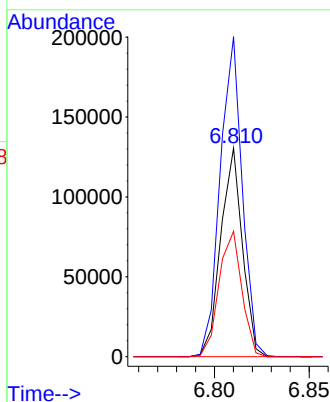
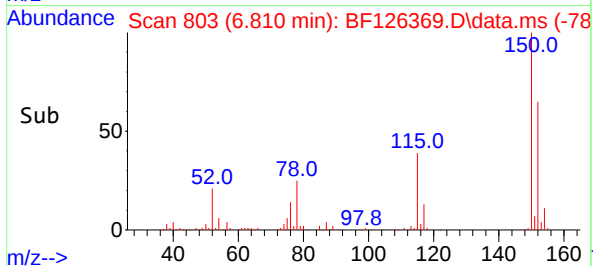
Instrument :
BNA_F
ClientSampleId :
PSC164718



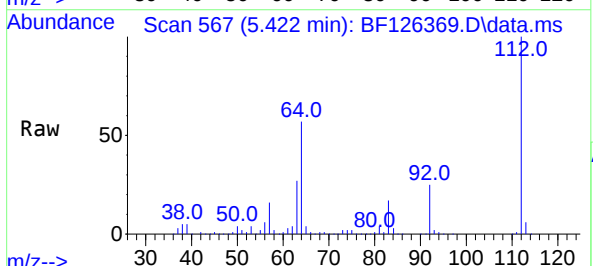
Tgt Ion:152 Resp: 10390
Ion Ratio Lower Upper
152 100
150 153.4 117.6 176.4
115 60.1 47.1 70.7

Manual Integrations
APPROVED

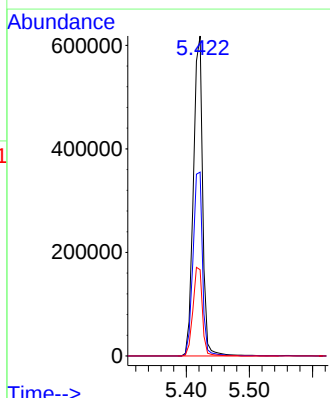
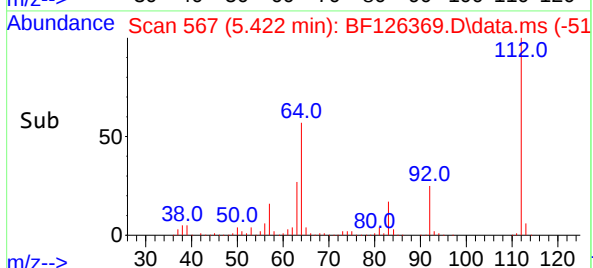
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

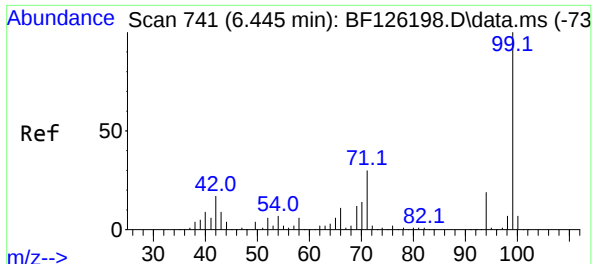


#5
2-Fluorophenol
Concen: 89.135 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15



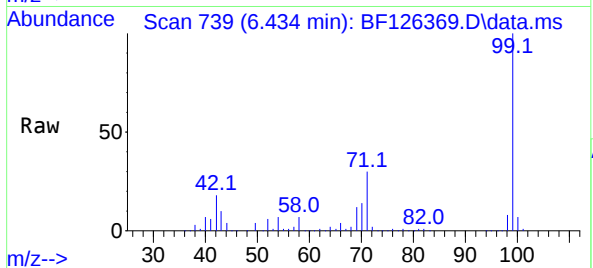
Tgt Ion:112 Resp: 628880
Ion Ratio Lower Upper
112 100
64 57.5 44.2 66.2
63 27.0 26.2 39.2





#7
Phenol-d6
Concen: 84.933 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

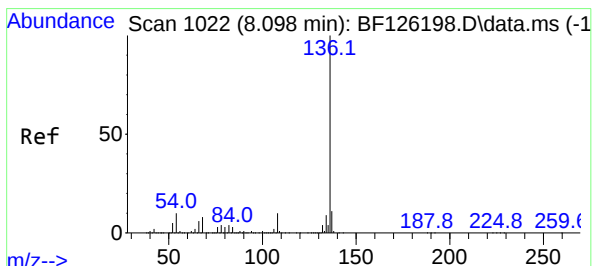
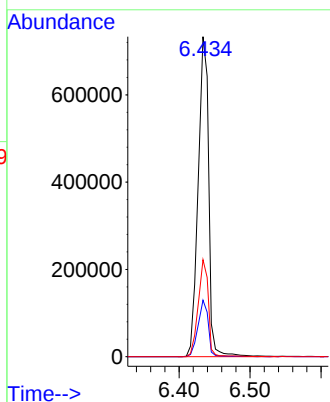
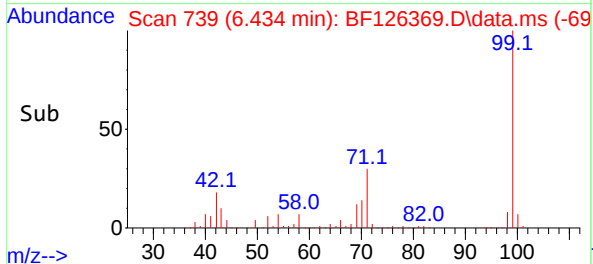
Instrument :
BNA_F
ClientSampleId :
PSC164718



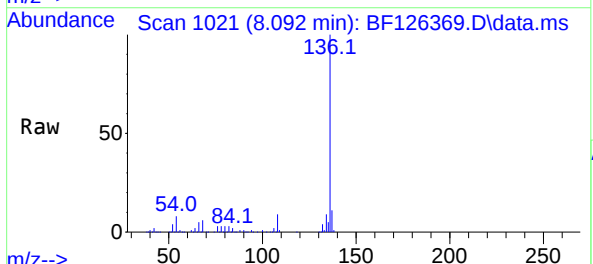
Tgt Ion: 99 Resp: 760872
Ion Ratio Lower Upper
99 100
42 17.7 23.5 35.3
71 30.3 25.6 38.4

Manual Integrations
APPROVED

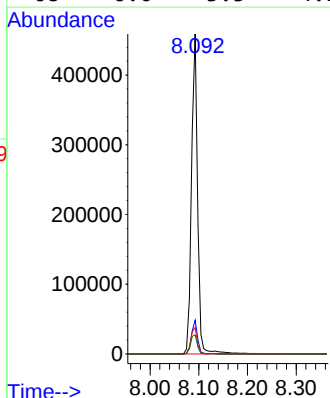
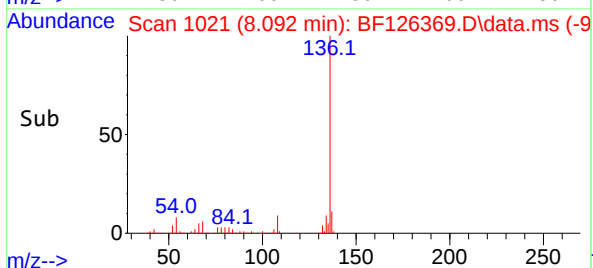
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

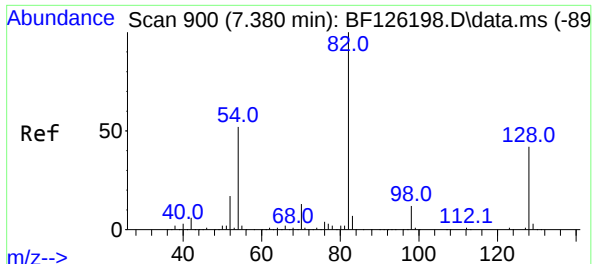


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15



Tgt Ion:136 Resp: 397678
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.2 6.4 9.6
68 6.0 3.3 4.9





#23
Nitrobenzene-d5
Concen: 63.032 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Instrument :

BNA_F

ClientSampleId :

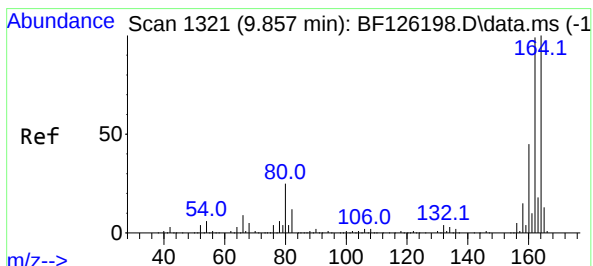
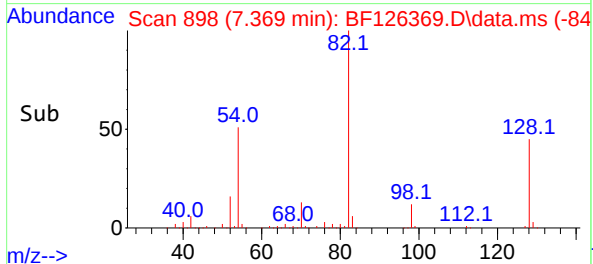
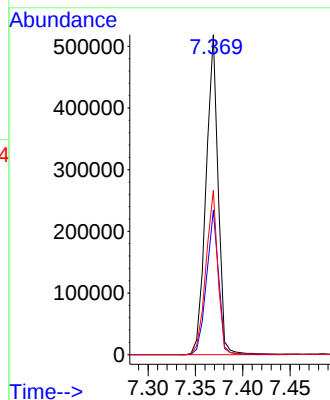
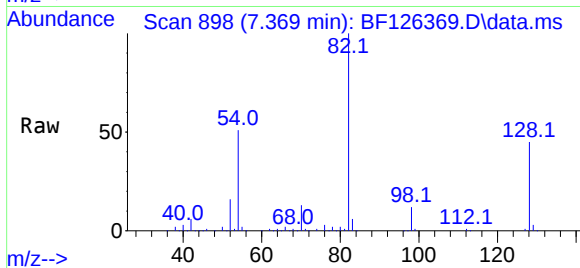
PSC164718

Tgt Ion: 82 Resp: 462829
Ion Ratio Lower Upper
82 100
128 45.1 40.6 60.8
54 51.3 49.6 74.4

Manual Integrations

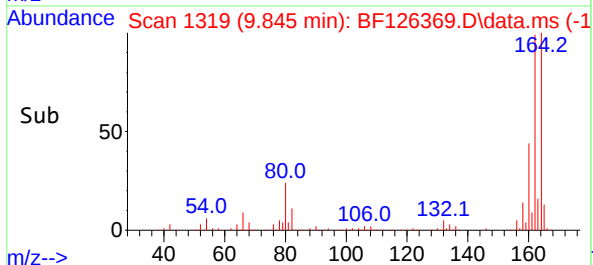
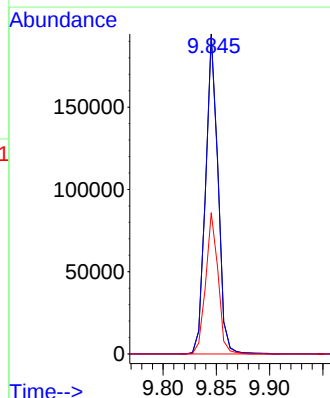
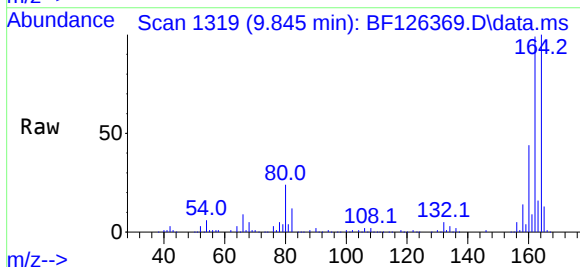
APPROVED

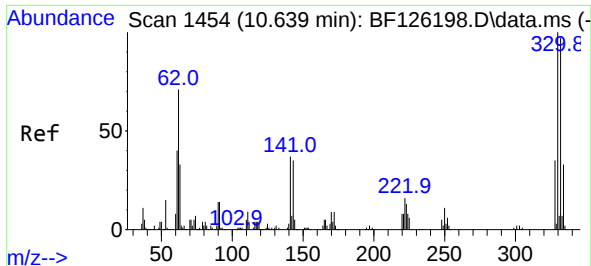
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Tgt Ion:164 Resp: 158474
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.2 38.0 57.0





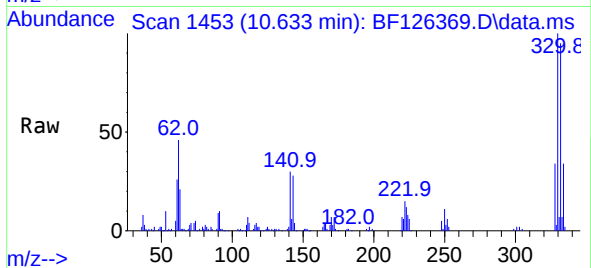
#42
2,4,6-Tribromophenol
Concen: 86.932 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Instrument :

BNA_F

ClientSampleId :

PSC164718

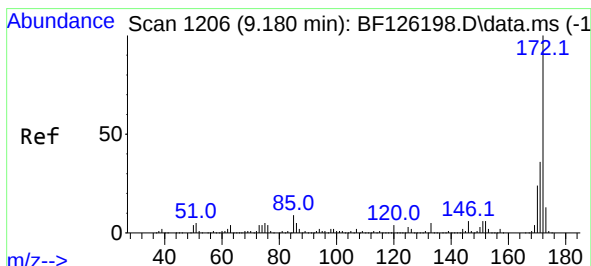
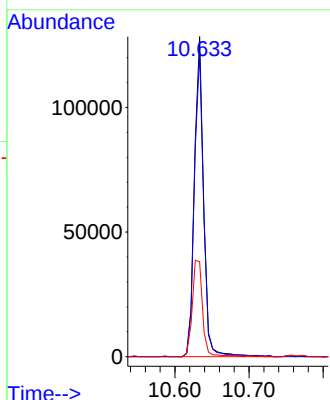
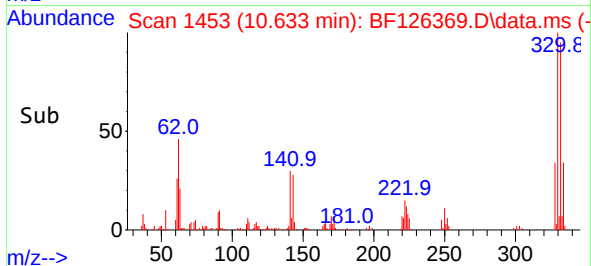


Tgt Ion:330 Resp: 110714
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.8 44.6 66.8

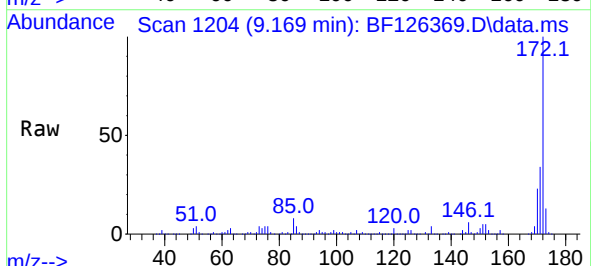
Manual Integrations

APPROVED

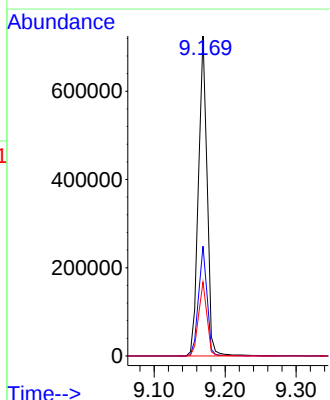
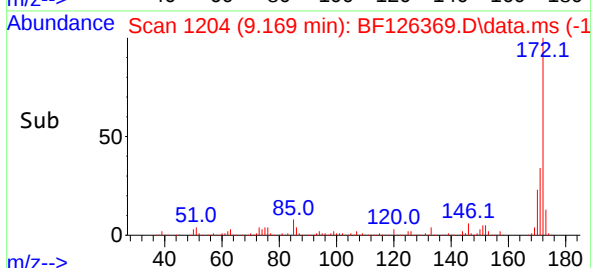
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

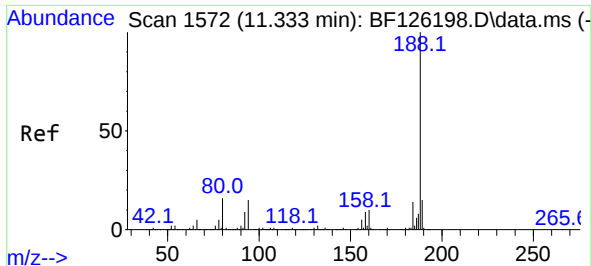


#45
2-Fluorobiphenyl
Concen: 68.554 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15



Tgt Ion:172 Resp: 619428
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.1 18.8 28.2





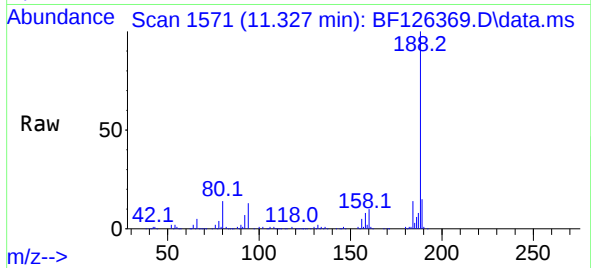
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Instrument :

BNA_F

ClientSampleId :

PSC164718

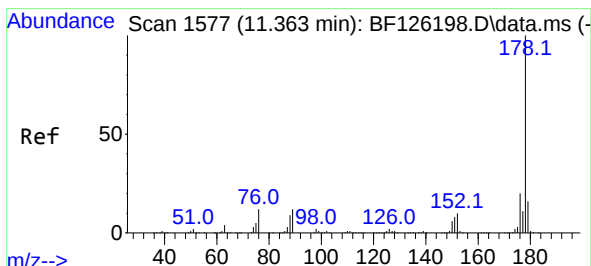
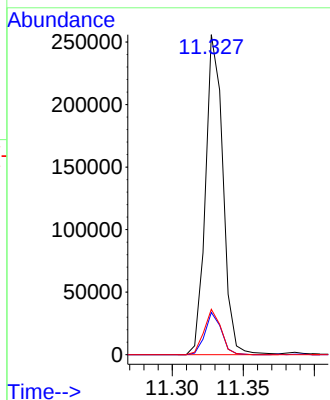
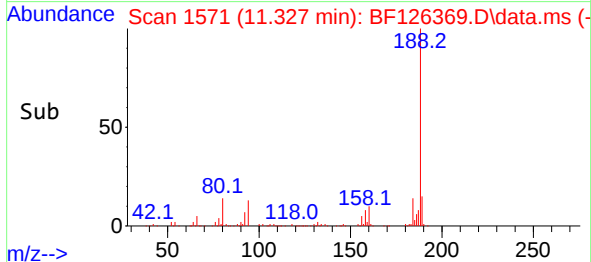


Tgt Ion:188 Resp: 21847
Ion Ratio Lower Upper
188 100
94 13.2 6.7 10.1
80 14.2 7.5 11.3

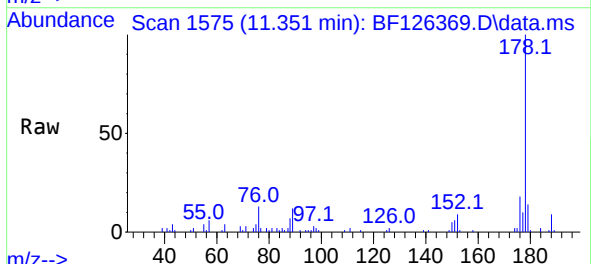
Manual Integrations

APPROVED

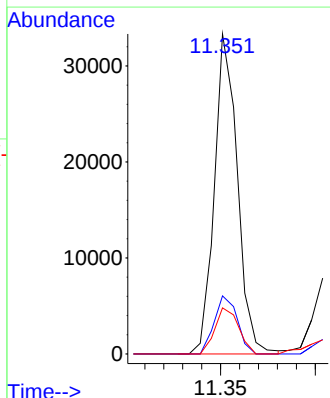
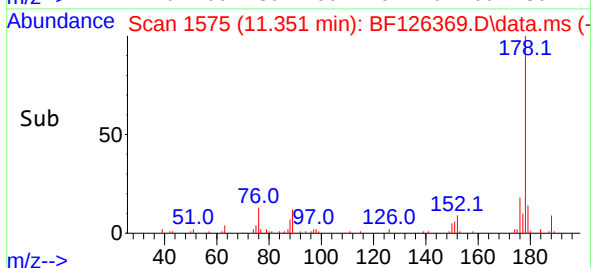
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

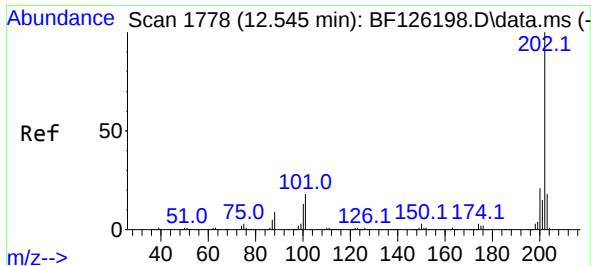


#71
Phenanthrene
Concen: 2.497 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15



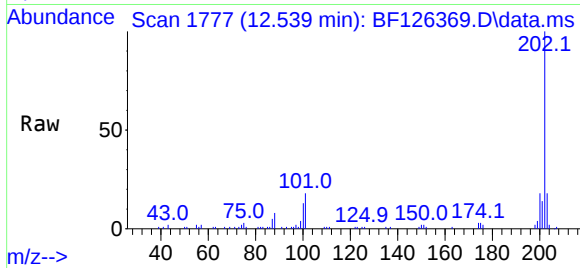
Tgt Ion:178 Resp: 28153
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 14.4 11.5 17.3





#75
Fluoranthene
Concen: 5.381 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

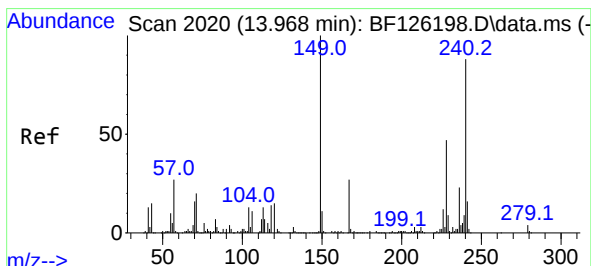
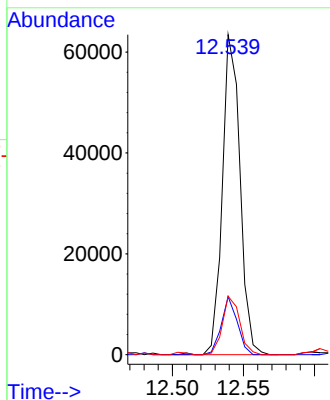
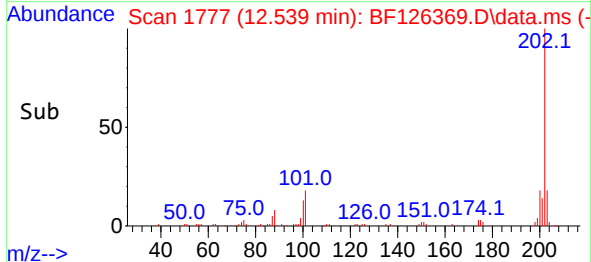
Instrument :
BNA_F
ClientSampleId :
PSC164718



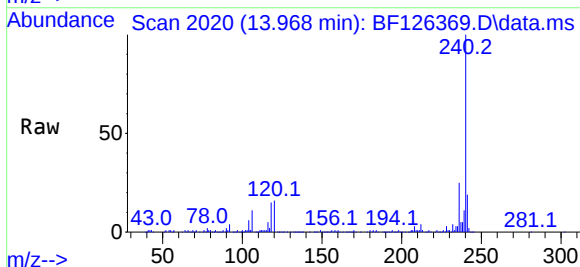
Tgt Ion:202 Resp: 54672
Ion Ratio Lower Upper
202 100
101 18.2 0.0 30.7
203 18.3 0.0 36.3

Manual Integrations
APPROVED

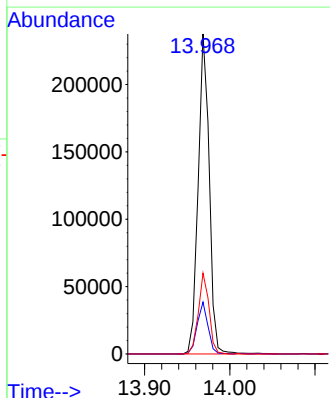
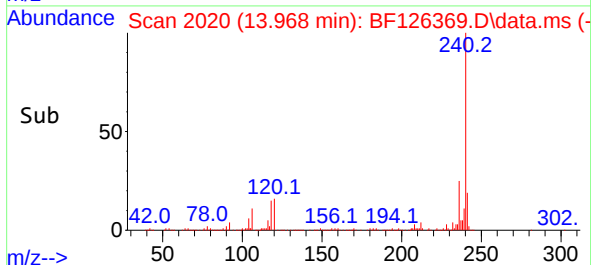
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

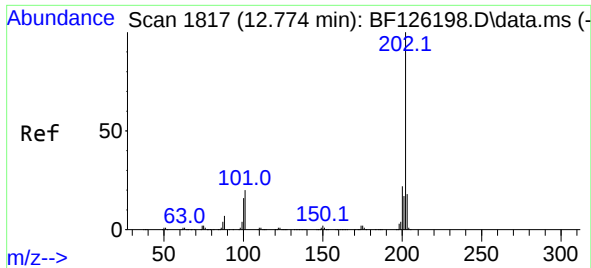


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15



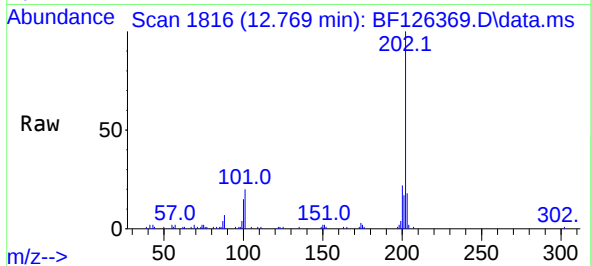
Tgt Ion:240 Resp: 214588
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2
236 25.3 21.6 32.4





#78
Pyrene
Concen: 2.721 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

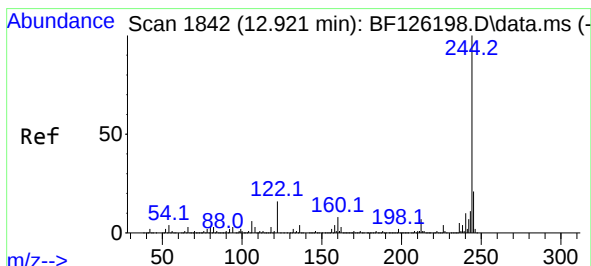
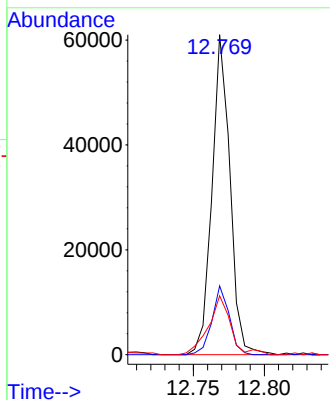
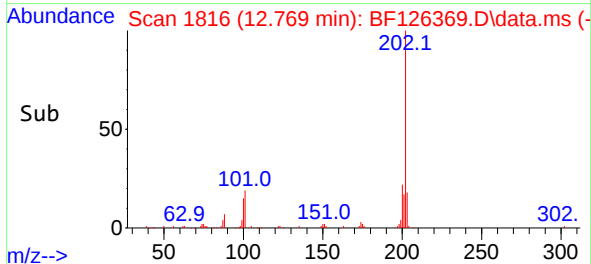
Instrument :
BNA_F
ClientSampleId :
PSC164718



Tgt Ion:202 Resp: 53638
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 18.4 13.4 20.0

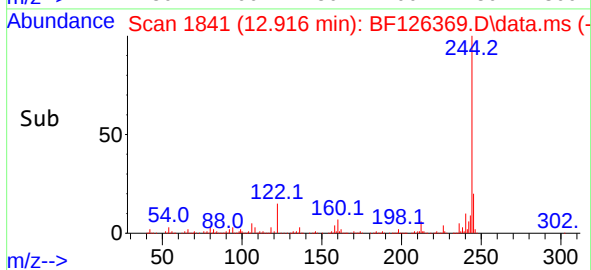
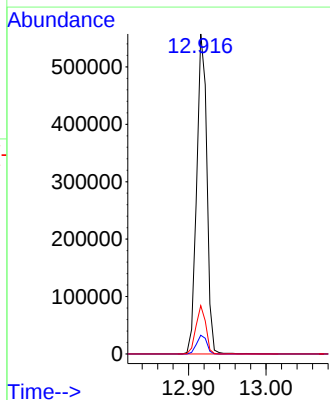
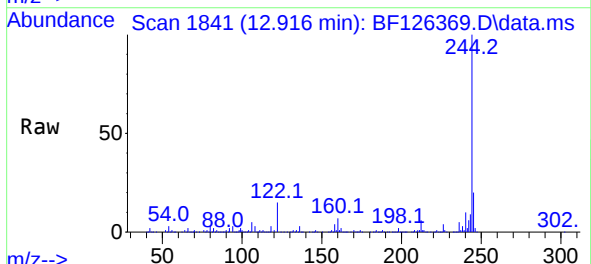
Manual Integrations
APPROVED

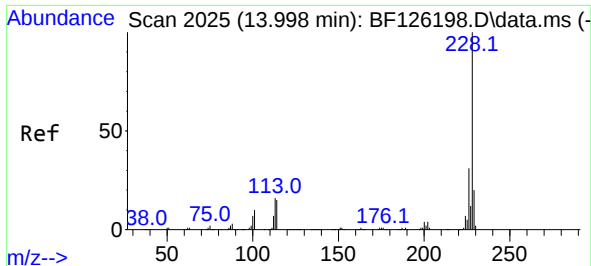
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#79
Terphenyl-d14
Concen: 41.097 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Tgt Ion:244 Resp: 507380
Ion Ratio Lower Upper
244 100
212 5.8 5.9 8.9#
122 15.1 9.0 13.4#





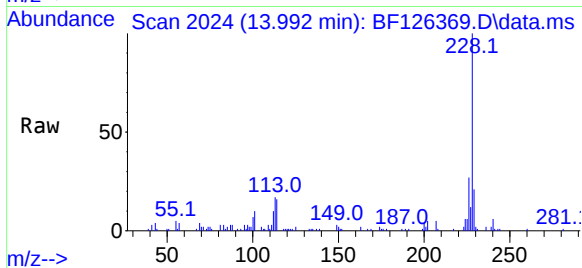
#83
Chrysene
Concen: 2.777 ng m
RT: 13.992 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Instrument :

BNA_F

ClientSampleId :

PSC164718

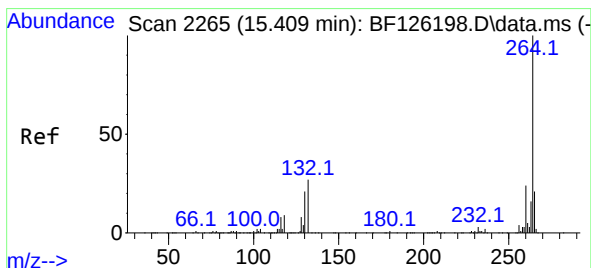
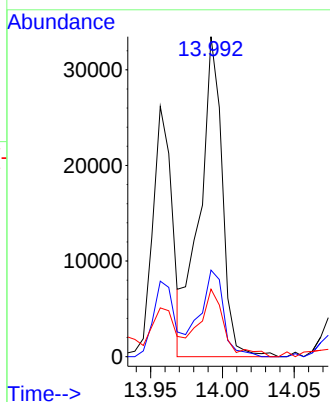
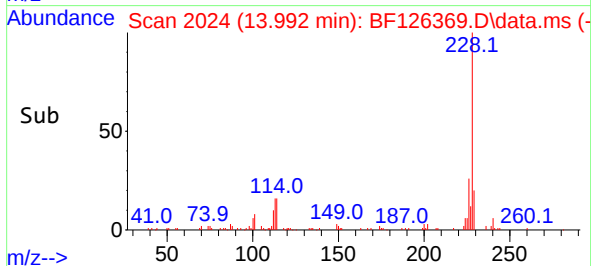


Tgt Ion:228 Resp: 36679
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 21.1 15.9 23.9

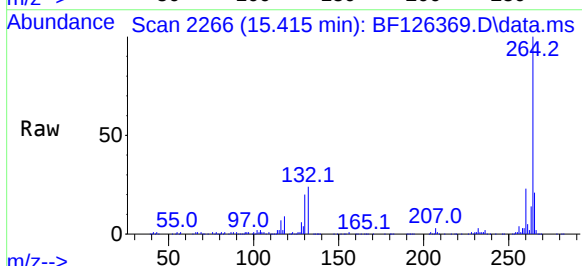
Manual Integrations

APPROVED

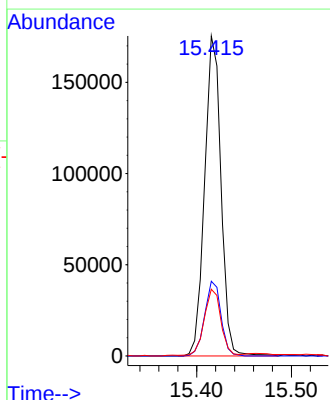
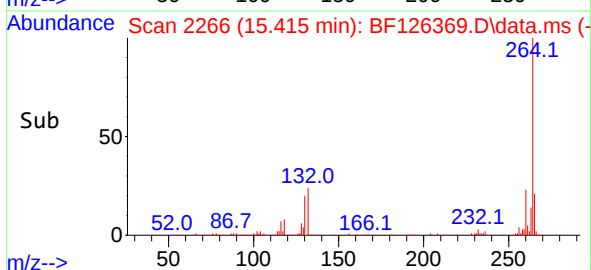
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

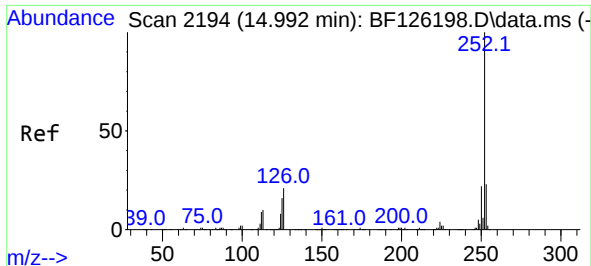


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15



Tgt Ion:264 Resp: 210470
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 20.8 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 5.006 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Instrument :

BNA_F

ClientSampleId :

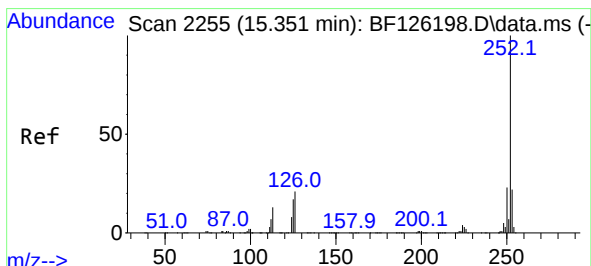
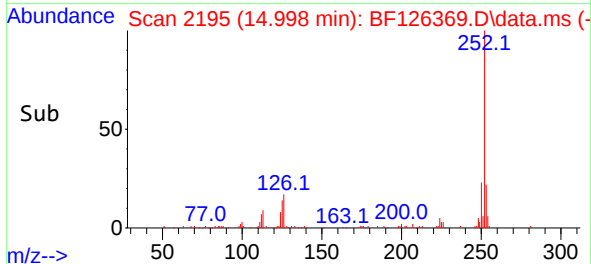
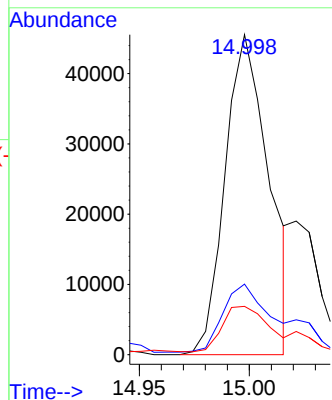
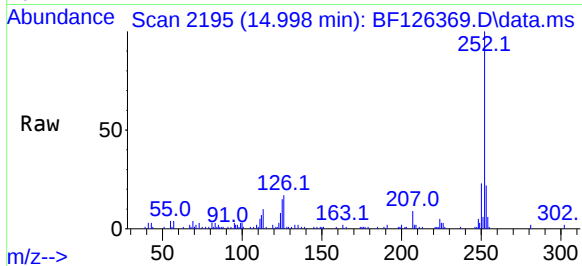
PSC164718

Tgt Ion:252 Resp: 6330
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 15.1 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#90
Benzo(a)pyrene
Concen: 3.420 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF126369.D
Acq: 27 Dec 2021 22:15

Tgt Ion:252 Resp: 35950
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 18.5 9.9 14.9

