

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126366.D
 Acq On : 27 Dec 2021 20:41
 Operator : JU/CG
 Sample : M5230-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC124030

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 06:00:22 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	110599	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	441012	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	187627	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	253603	20.000	ng	#-0.01
76) Chrysene-d12	13.968	240	192563	20.000	ng	-0.01
86) Perylene-d12	15.415	264	215878	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	850554	113.253	ng	0.00
7) Phenol-d6	6.439	99	1057946	110.942	ng	0.00
23) Nitrobenzene-d5	7.369	82	661404	81.225	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	166999	110.753	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	877011	81.980	ng	-0.01
79) Terphenyl-d14	12.916	244	599304	54.095	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.351	178	28739	2.196	ng	97
75) Fluoranthene	12.539	202	46911	3.978	ng	93
78) Pyrene	12.768	202	48616	2.748	ng	98
83) Chrysene	13.992	228	32501m	2.742	ng	
88) Benzo(b)fluoranthene	14.998	252	49230m	3.795	ng	
90) Benzo(a)pyrene	15.351	252	30926	2.869	ng	# 92

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

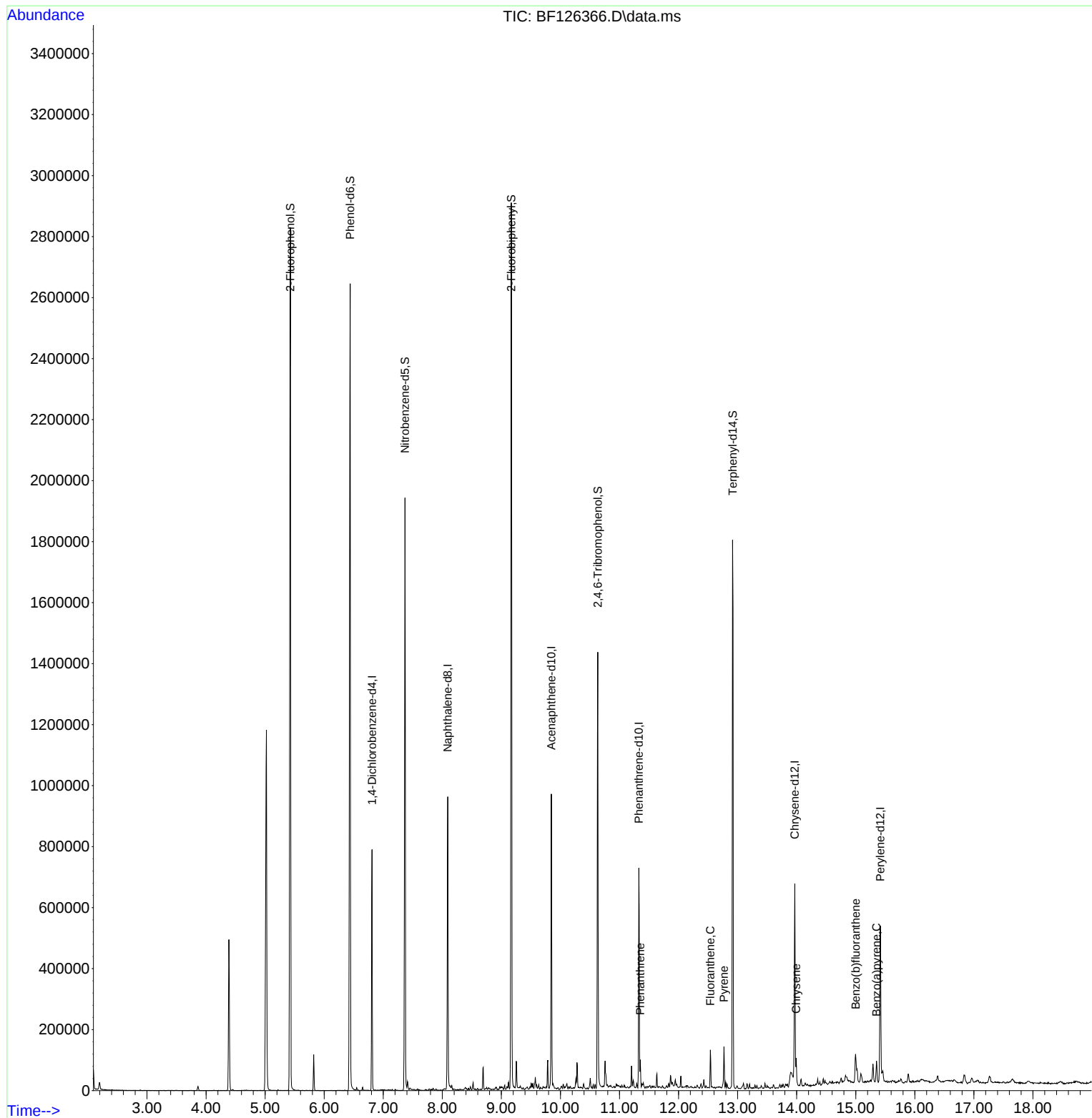
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126366.D
Acq On : 27 Dec 2021 20:41
Operator : JU/CG
Sample : M5230-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

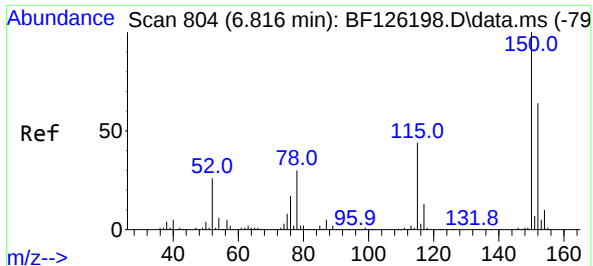
Instrument :
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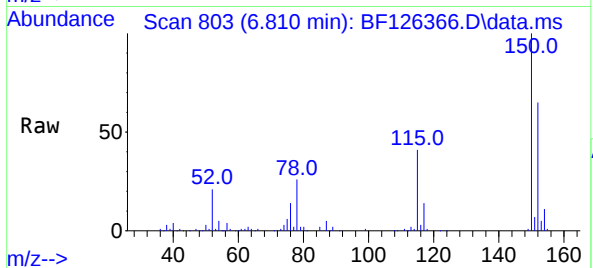
Quant Time: Dec 28 06:00:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

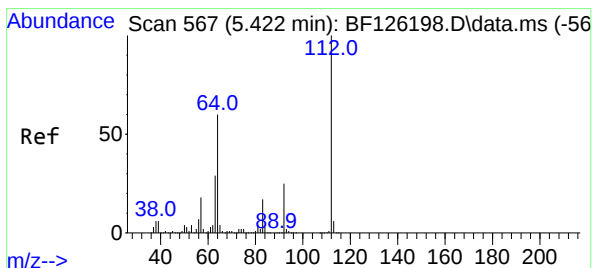
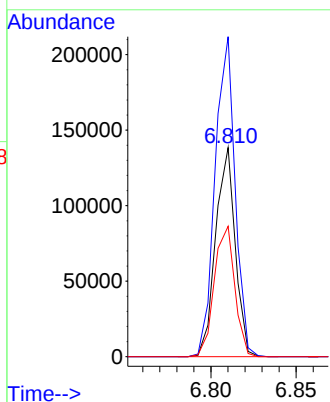
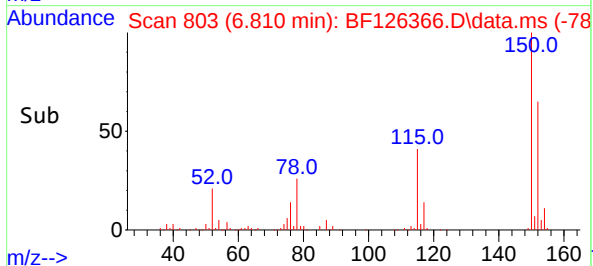
Instrument :
BNA_F
ClientSampleId :
PSC124030



Tgt Ion:152 Resp: 110599
Ion Ratio Lower Upper
152 100
150 153.0 117.6 176.4
115 62.3 47.1 70.7

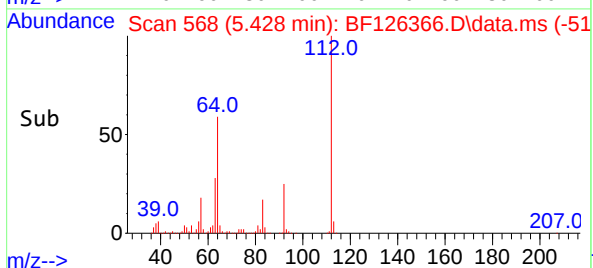
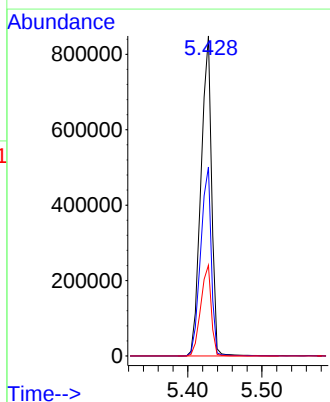
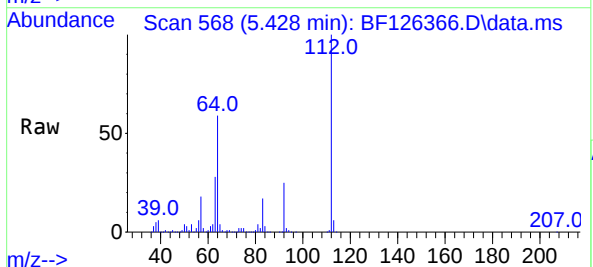
Manual Integrations
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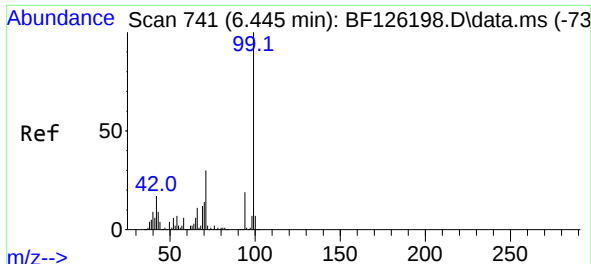
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#5
2-Fluorophenol
Concen: 113.253 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

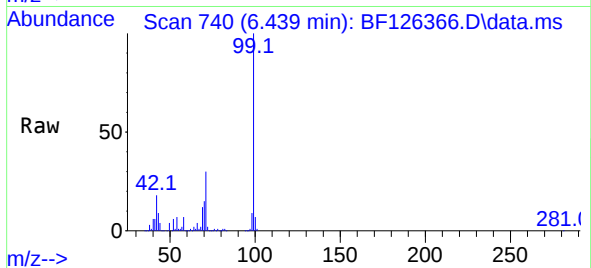
Tgt Ion:112 Resp: 850554
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 28.3 26.2 39.2





#7
Phenol-d6
Concen: 110.942 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

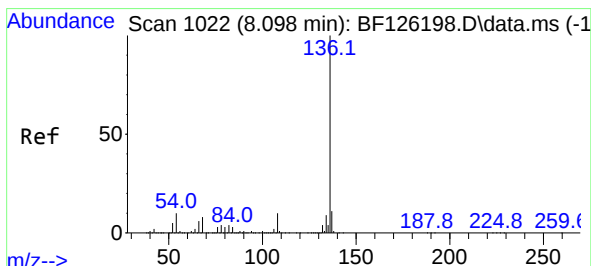
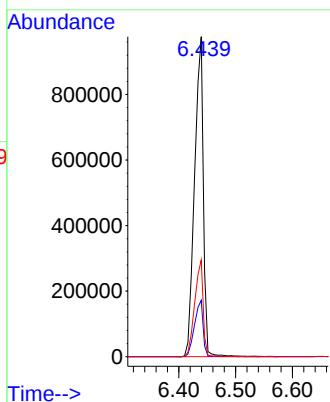
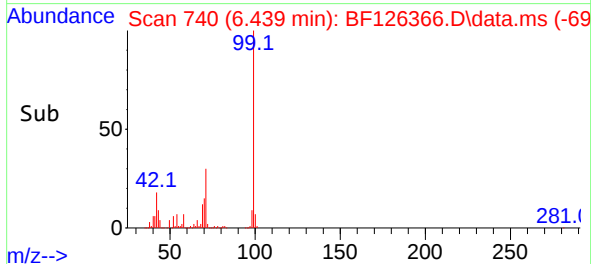
Instrument :
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PSC124030



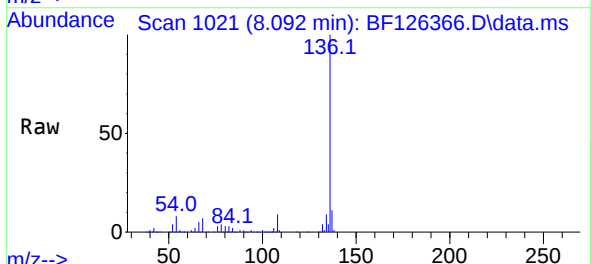
Tgt Ion: 99 Resp: 1057940
Ion Ratio Lower Upper
99 100
42 17.6 23.5 35.3
71 30.3 25.6 38.4

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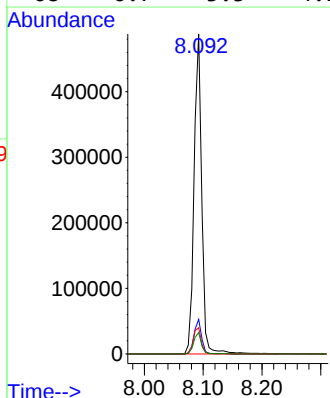
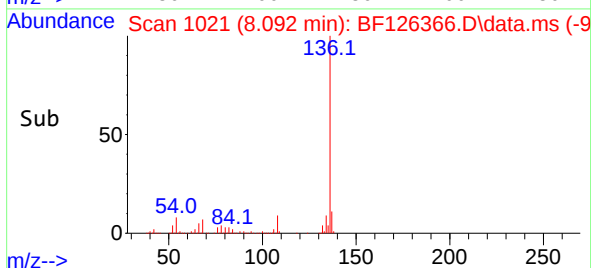
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

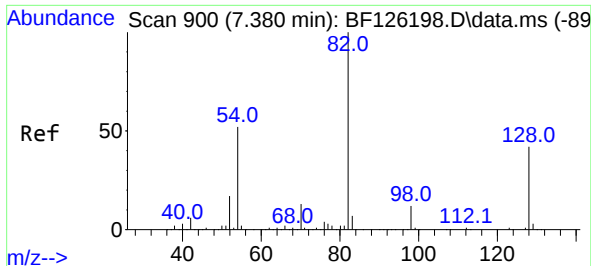


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41



Tgt Ion:136 Resp: 441012
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 8.2 6.4 9.6
68 6.7 3.3 4.9





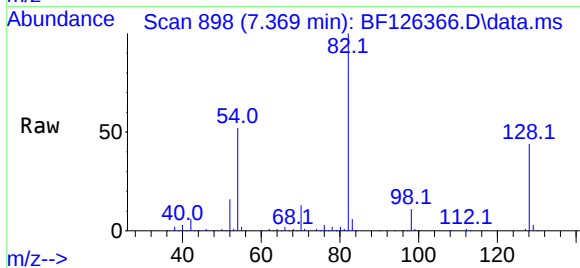
#23
Nitrobenzene-d5
Concen: 81.225 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Instrument :

BNA_F

ClientSampleId :

PSC124030

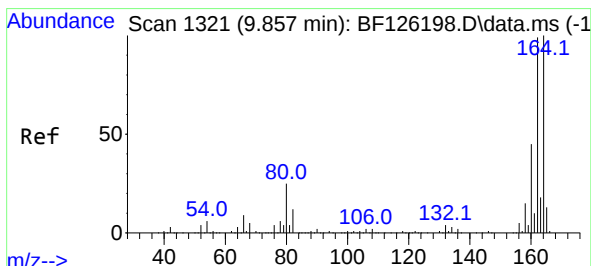
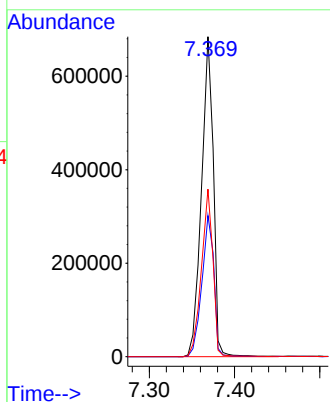
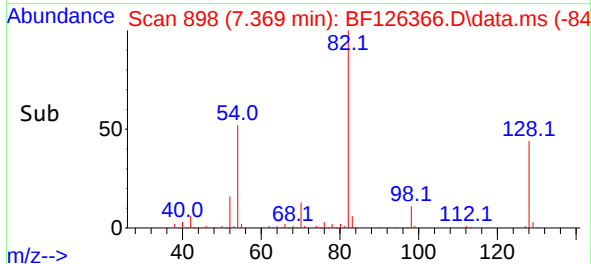


Tgt Ion: 82 Resp: 661404
Ion Ratio Lower Upper
82 100
128 44.1 40.6 60.8
54 52.4 49.6 74.4

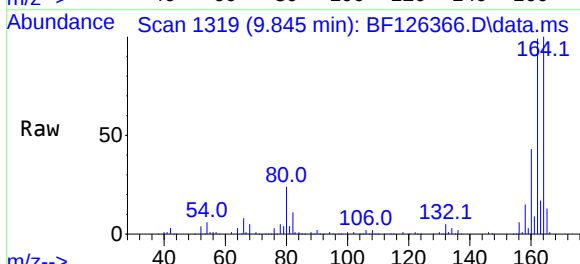
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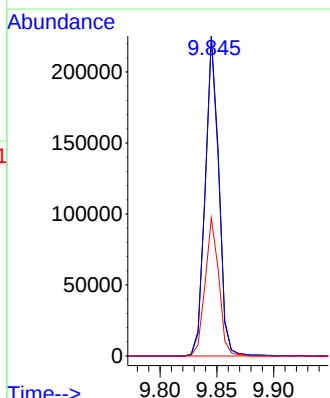
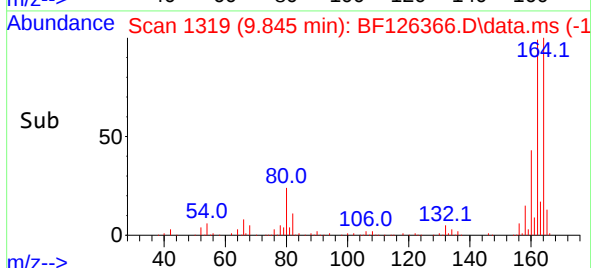
Reviewed By :Jagrut Upadhyay 12/28/2021
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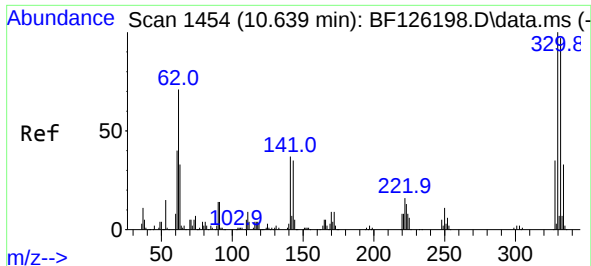


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41



Tgt Ion:164 Resp: 187627
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 43.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 110.753 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Instrument :

BNA_F

ClientSampleId :

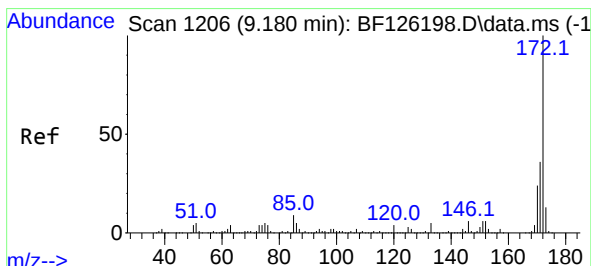
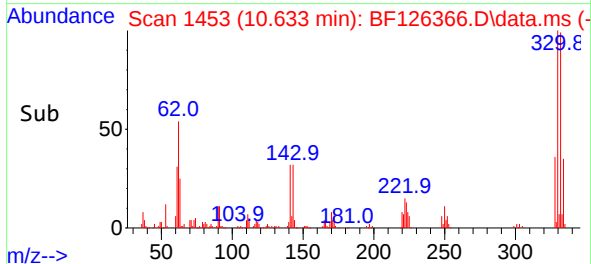
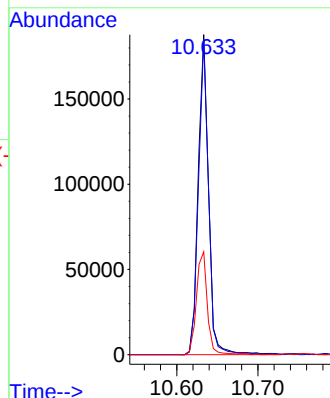
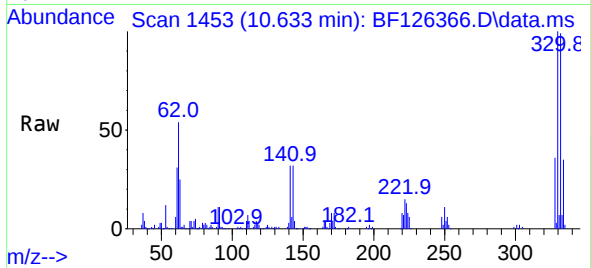
PSC124030

Tgt Ion:330 Resp: 166999
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.1 44.6 66.8

Manual Integrations

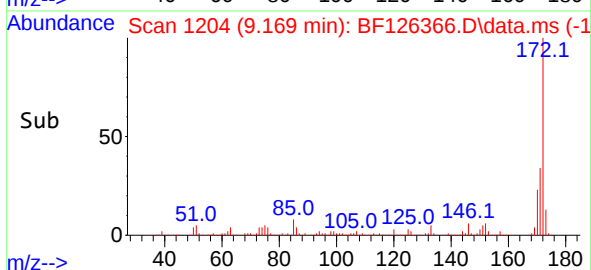
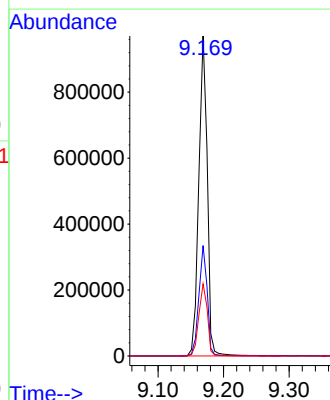
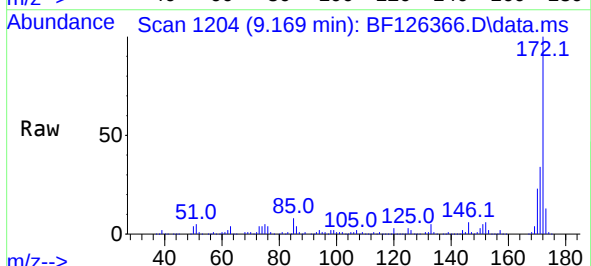
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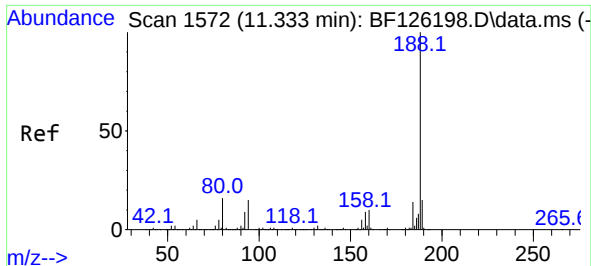
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#45
2-Fluorobiphenyl
Concen: 81.980 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Tgt Ion:172 Resp: 877011
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 22.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Instrument :

BNA_F

ClientSampleId :

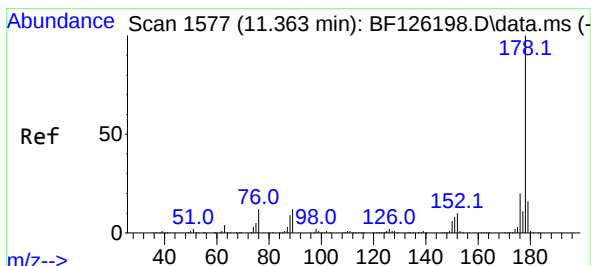
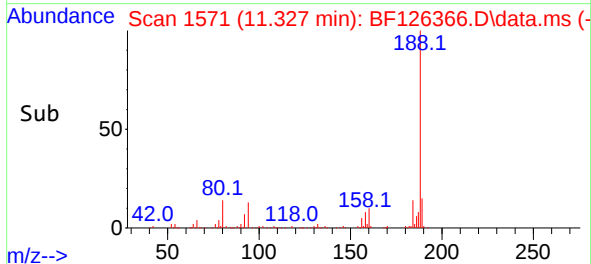
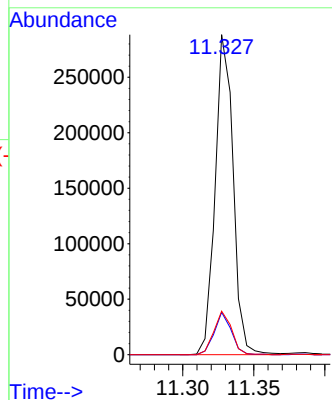
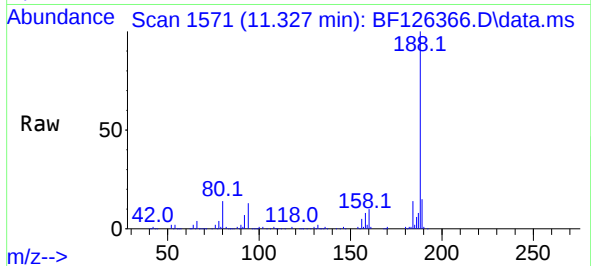
PSC124030

Tgt Ion:188 Resp: 253600
Ion Ratio Lower Upper
188 100
94 13.3 6.7 10.1
80 13.6 7.5 11.3

Manual Integrations

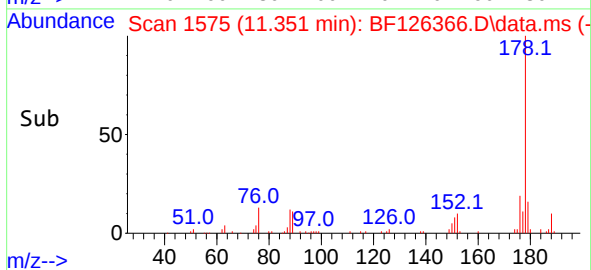
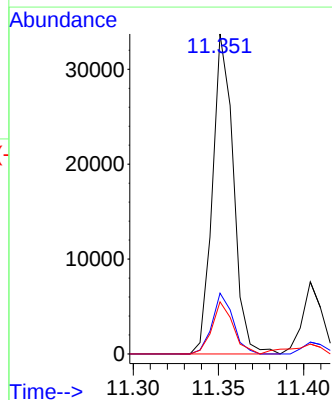
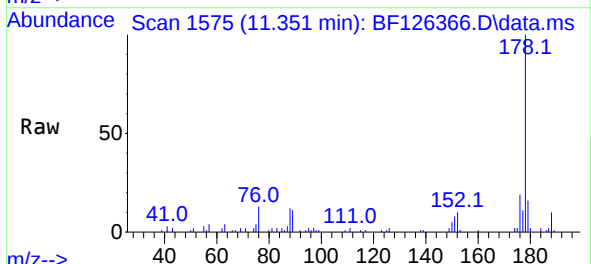
APPROVED

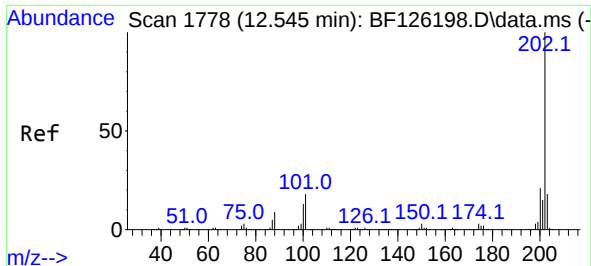
Reviewed By :Jagrut Upadhyay 12/28/2021
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#71
Phenanthrene
Concen: 2.196 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

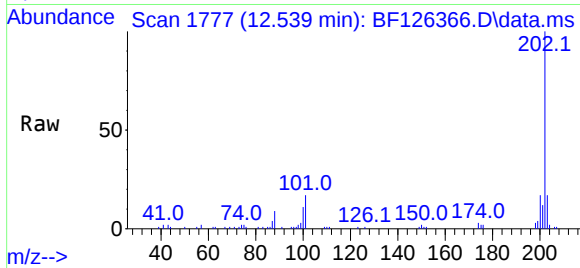
Tgt Ion:178 Resp: 28739
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 16.3 11.5 17.3





#75
Fluoranthene
Concen: 3.978 ng
RT: 12.539 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

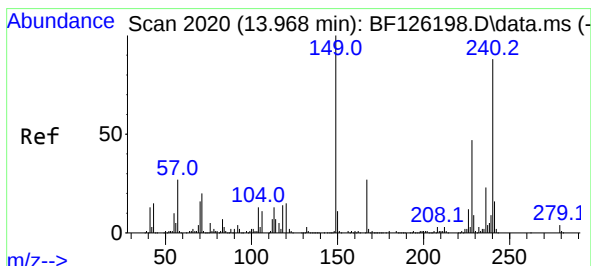
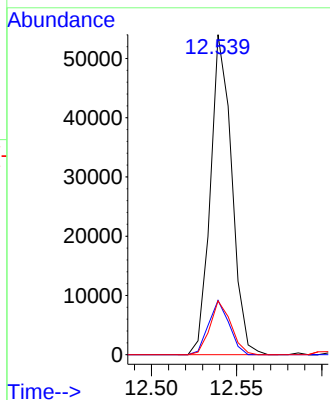
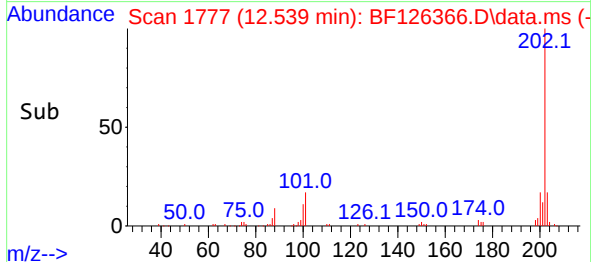
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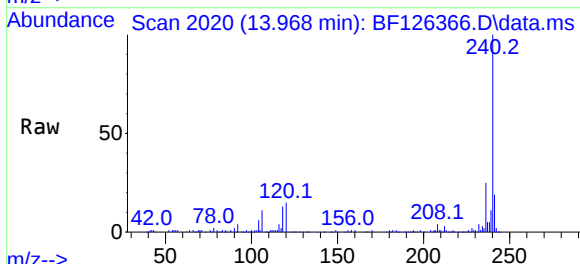
Tgt Ion:202 Resp: 4691
Ion Ratio Lower Upper
202 100
101 17.0 0.0 30.7
203 16.8 0.0 36.3

Manual Integrations
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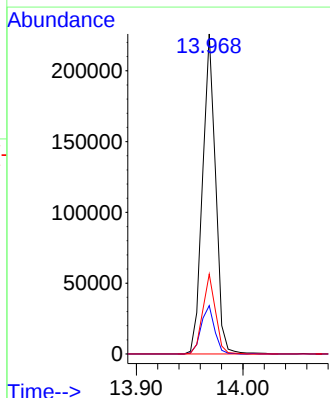
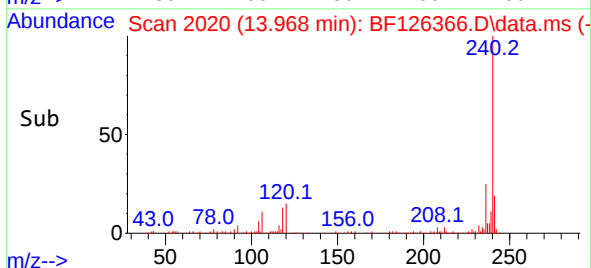
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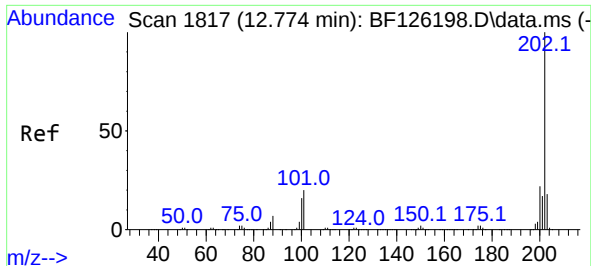


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41



Tgt Ion:240 Resp: 192563
Ion Ratio Lower Upper
240 100
120 15.1 10.8 16.2
236 24.9 21.6 32.4





#78
Pyrene
Concen: 2.748 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Instrument :

BNA_F

ClientSampleId :

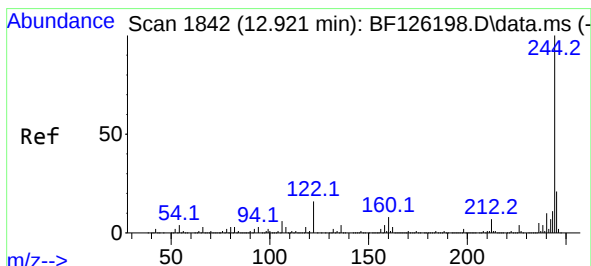
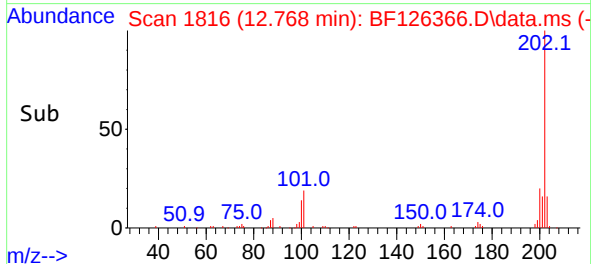
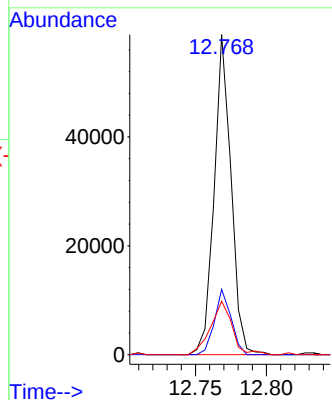
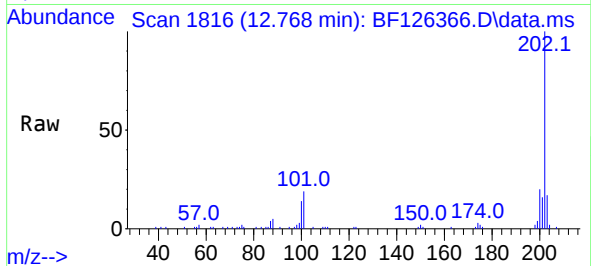
PSC124030

Tgt Ion:202 Resp: 48610
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 16.7 13.4 20.0

Manual Integrations

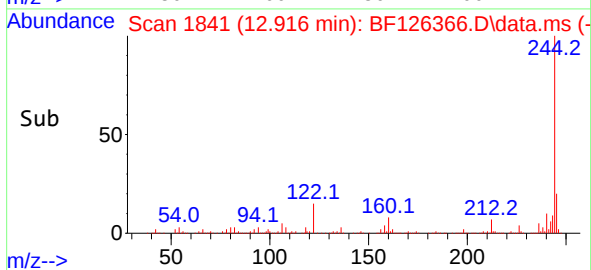
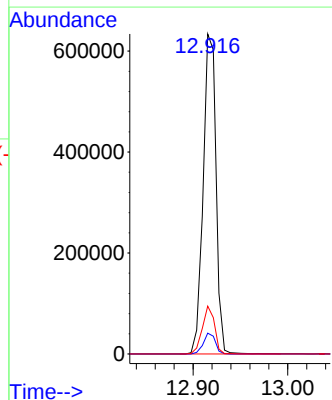
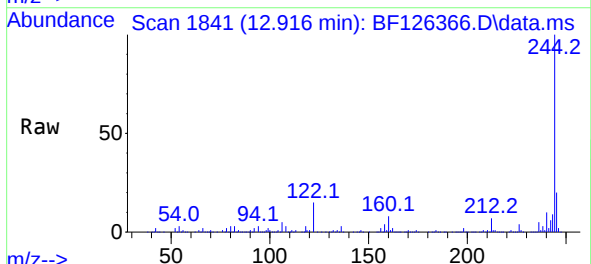
APPROVED

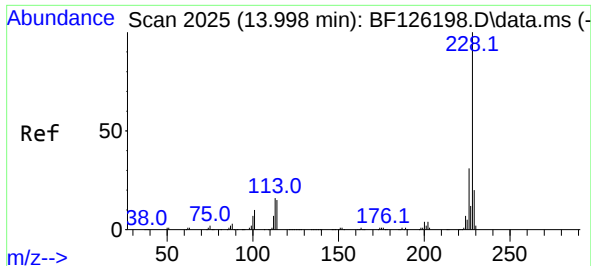
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#79
Terphenyl-d14
Concen: 54.095 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Tgt Ion:244 Resp: 599304
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 15.0 9.0 13.4





#83
Chrysene
Concen: 2.742 ng m
RT: 13.992 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Instrument :

BNA_F

ClientSampleId :

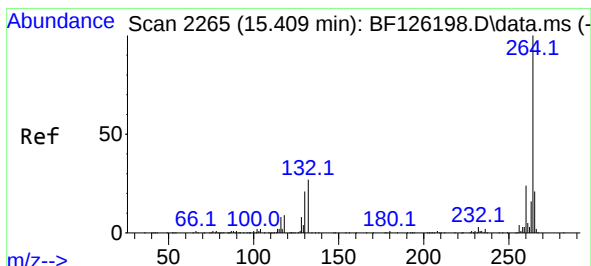
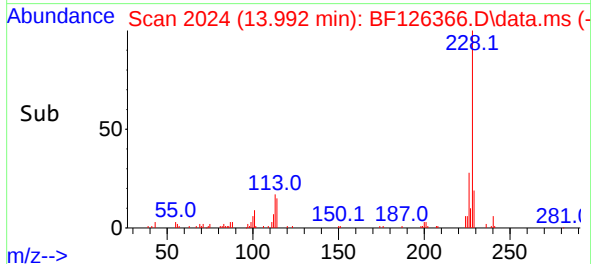
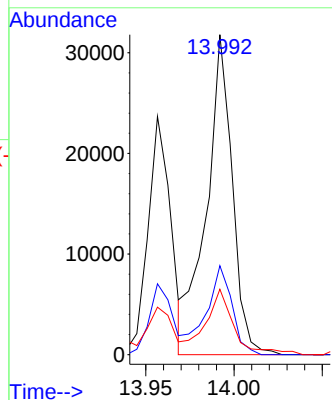
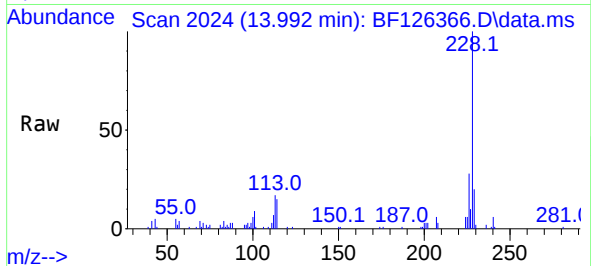
PSC124030

Tgt Ion:228 Resp: 3250
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.4 15.9 23.9

Manual Integrations

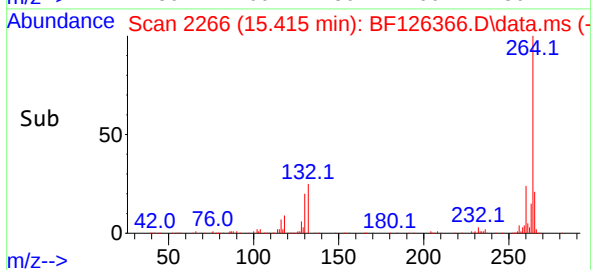
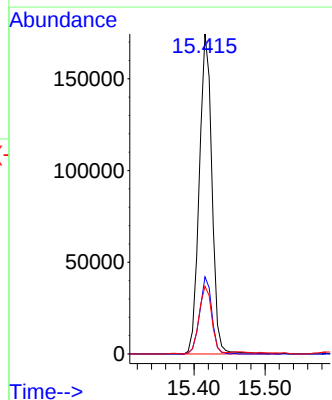
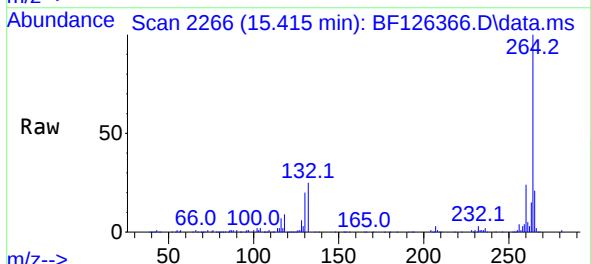
APPROVED

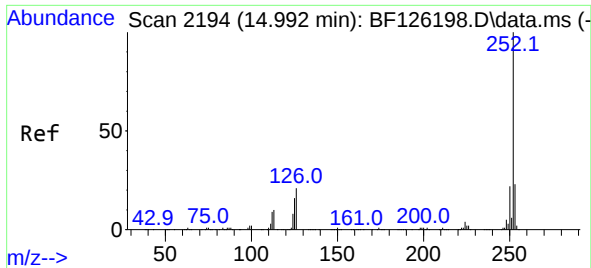
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Tgt Ion:264 Resp: 215878
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.1 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.795 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Instrument :

BNA_F

ClientSampleId :

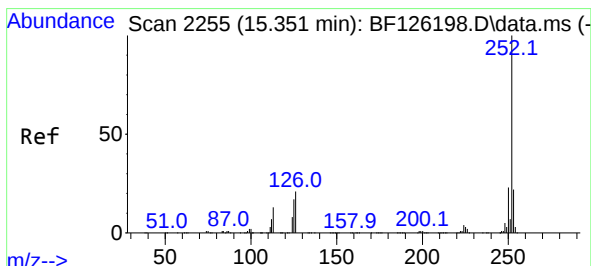
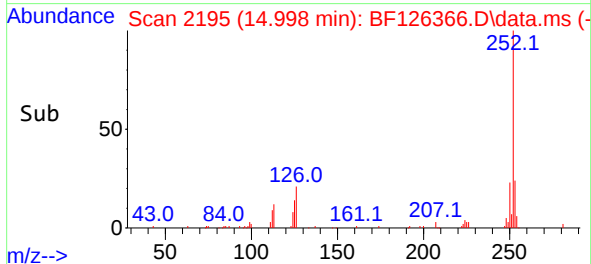
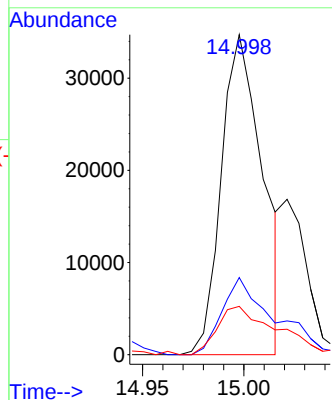
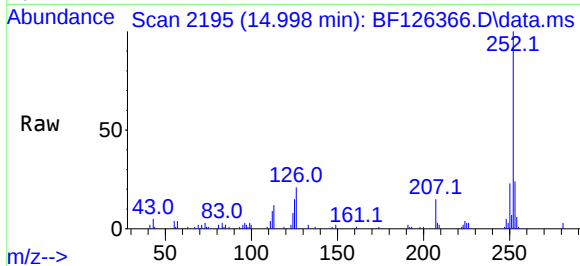
PSC124030

Tgt Ion:252 Resp: 49230
Ion Ratio Lower Upper
252 100
253 24.1 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: 2.869 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF126366.D
Acq: 27 Dec 2021 20:41

Tgt Ion:252 Resp: 30926
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 17.7 9.9 14.9

